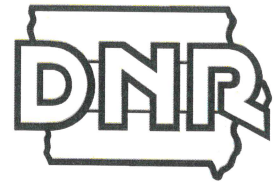


IOWA DEPARTMENT OF NATURAL RESOURCES  
**SOLID WASTE TRANSFER STATION**  
 PERMIT APPLICATION FORM 50B



New Permit  
 Permit Renewal (permit number) 28 -SDP- 04 - 06 XFR

**SECTION 1. FACILITY CONTACT INFORMATION**

**Facility**

Name: Bi-County Disposal Phone: 563-875-9076  
 Address: 2022 325<sup>th</sup> Ave City, State, Zip: Dyersville, IA 52040  
 County: Delaware

**Responsible Official for the Facility**

Name: Craig Kluesner Phone: 563-590-0530  
 Address: 501 Tahoe Ct Fax: 563-744-3146  
 City, State, Zip: Farley, IA 52046 E-mail: jobrien@kluesnerconstruction.com

**Owner of Site**

Name: 2372 180<sup>th</sup> Ave LLC Phone: 563-590-0530  
 Address: 501 Tahoe Ct Fax: 563-744-3146  
 City, State, Zip: Farley, IA 52046 E-mail: jobrien@kluesnerconstruction.com

**Facility Operator**

Name: Kluesner Sanitation, LLC DBA Bi-County Disposal Phone: 563-927-5977  
 Address: 1005 1<sup>st</sup> Ave NW Fax: 563-744-3146  
 City, State, Zip: Farley, IA 52046 E-mail: jobrien@kluesnerconstruction.com

**Financial Assurance Engineer**

Name: Douglas J. Luzbetak, P.E (HLW Engineering Group) Phone: 515-290-0247  
 Address: 204 West Broad Street 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: 12/31/2024

**SECTION 2. SITE INFORMATION**

This facility is part of the following solid waste comprehensive planning area:  
 Dubuque Metropolitan Area Solid Waste  
 Planning Area: Agency Date of Last Approved Plan: 9/24/2020

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-Th: 7:30a-4:30p Fri: 7:30a-3:00p Sat: 8:00a-noon

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: Dubuque & Delaware Counties  
 Disposal Facility: DMASWA Landfill - Dubuque, IA

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

per day 16 tons

per week 80 tons

per year 4160 tons

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.):

Municipal solid waste is unloaded onto the tipping floor and re-loaded onto a walking floor trailer and hauled to DMASWA Landfill – Dubuque, IA

**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#: 101365

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

**No Revision Required** - See Doc ID#: \_\_\_\_\_

**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#: \_\_\_\_\_

Section H. Site Operation Plan (IAC 567 106.8(1)“k”)

No Revision Required - See Doc ID#: \_\_\_\_\_

Section I. Emergency Response and Remedial Action Plan (IAC 567 106.8(1)“m”)

No Revision Required - See Doc ID#: \_\_\_\_\_

Section J. Site Closure Plan (IAC 567 106.8(1)“l”)

No Revision Required - See Doc ID#: \_\_\_\_\_

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: 10/11/2024

Printed Name: Jack O'Brien Title: Controller

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 9<sup>th</sup> St  
Des Moines, IA 50319-0034

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

## **Section A**

### **SECTION A. EXECUTIVE SUMMARY**

- 1) Summary of modifications: there have been no modifications to the layout or operations of the transfer station since the permit renewal issued September 30, 2021 for the period January 10, 2022 through January 10, 2025.
- 2) Special provisions
  - a. Permit holder is authorized to accept up to 5,000 tons of municipal solid waste annually. In 2023, 4,045.8 tons were accepted. No changes to this provision at this time.
  - b. No provision in the permit constitutes a waiver or variance from 567 IAC Chapter 106 or the Code of Iowa. No changes to this provision at this time.
- 3) Permit amendments: During the current permit cycle, the facility was sold to Kluesner Sanitation, LLC. Amendment #1 to Permit # 28-SDP-04-06P-XFR was issued to update the ownership (Doc # 109248). The responsible official is now Craig Kluesner. At the time of the amendment, a parcel adjacent to the transfer station building that is used in transfer station operations had not yet been conveyed to the new owner and was being used through a ground lease. The adjacent parcel has now been conveyed and is owned by the same owner as the rest of the transfer station.
- 4) No permit amendments requested at this time.

**Section B**

SECTION B. SITE MAP OR AERIAL PHOTOGRAPH

No revision required – See Doc ID# 101365

**Section C**

**SECTION C. PROOF OF OWNERSHIP/LOCAL ZONING REQUIREMENTS**

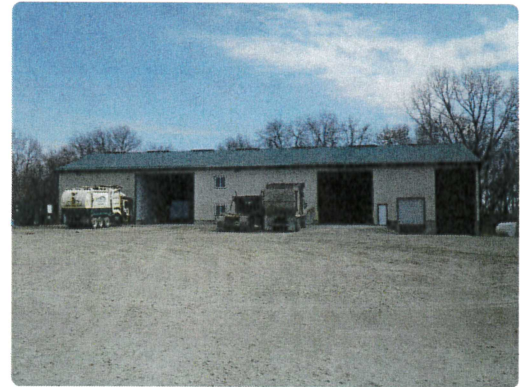
Proof of ownership is enclosed.

Since the previous permit renewal, Delaware County has added a zoning ordinance. Enclosed is a letter from the Delaware County Zoning Administrator stating the transfer station is in compliance with the zoning ordinance.

# Delaware County, IA

## Summary

**Parcel ID** 180260002130  
**Alternate ID**  
**Property Address** 2022 325th Ave  
 Dyersville  
 Sec/Twp/Rng 26-89-3  
**Brief Legal Description** PARCEL Q, PT NW NE  
 (Note: Not to be used on legal documents)  
**Document(s)** COE: 2024-1038 (2024-05-15)  
 EAS: 2024-1010 (2024-05-10)  
 DED: 2024-267 (2024-02-02)  
 DED: 2005-2557 (2005-07-25)  
 PLT: 2005-2465 (2005-07-18)  
**Gross Acres** 3.20  
**Exempt Acres** 0.40 (ROW)  
**Net Acres** 2.80  
**CSR** 8  
**Class** I - Industrial  
 (Note: This is for tax purposes only. Not to be used for zoning.)  
**Tax District** BREMEN WESTERN DUBUQUE FD 13  
**School District** WESTERN DUBUQUE



## Owner

<b>Primary Owner</b> (Deed Holder) <a href="#">2372 180th Avenue LLC</a> c/o Kluesner, Craig 1005 1st Ave NW Farley, IA 52046	<b>Secondary Owner</b>	<b>Mailing Address</b>
--	------------------------	------------------------

## Forms and Applications

- Homestead Tax Credit Application
- Sales Questionnaire
- Data Update Form

## Commercial Buildings

Type	Base Area	Year Built
Metal Warehouse - Milled Wood Frame	5184	2005
Metal Warehouse - Milled Wood Frame	1188	2008
Metal Shop - Milled Wood Frame	1728	2008

## Yard Extras

- #1 - (1) Paving - Concrete 2,500 SF, Concrete Parking, Average Pricing, Built 2005
- #2 - (1) Solar 32 kW, Roof Mount Yes, Built 2016

## Sales

Date	Seller	Buyer	Recording	Sale Condition - NUTC	Type	Multi Parcel	Amount
1/31/2024	J & K ENTERPRISE LLC	2372 180TH AVE LLC	2024-267	Normal	Deed		\$670,000.00
7/18/2005	J & K ENTERPRISE LLC		2005-2465	Plat Filed	Affidavit		\$0.00
7/14/2005	STEGER, ROBERT J. & LILLIAN R.	J & K ENTERPRISE LLC	2005-2557	Sale of Portion of Property (Split)	Deed		\$4,500.00

## Valuation

	2024	2023	2022	2021	2020
+ Roadway	\$0	\$0	\$0	\$0	\$0
+ Pol Bld	\$289,000	\$288,100	\$243,000	\$183,700	\$168,500
+ Land	\$29,000	\$29,000	\$29,000	\$29,000	\$29,000
+ Building	\$7,200	\$7,200	\$5,500	\$5,500	\$5,400
= Total Assessed Value	\$325,200	\$324,300	\$277,500	\$218,200	\$202,900

## Taxation



	2023 Pay 2024-2025	2022 Pay 2023-2024	2021 Pay 2022-2023	2020 Pay 2021-2022
Classification	Industrial	Industrial	Industrial	Industrial
+ Taxable Land Value	(\$26,361)	(\$18,472)	\$26,100	\$26,100
+ Taxable Building Value	(\$6,545)	(\$3,503)	\$4,950	\$4,860
+ Taxable Dwelling Value	\$0	\$0	\$0	\$0
= Gross Taxable Value	(\$32,906)	(\$21,975)	\$31,050	\$30,960
- Military Exemption	\$0	\$0	\$0	\$0
- Homestead 65+ Exemption	\$0	\$0	\$0	\$0
= Net Taxable Value	(\$32,906)	(\$21,975)	\$31,050	\$30,960
x Levy Rate (per \$1000 of value)	24.01792	24.10548	24.45763	24.37890
= Gross Taxes Due	(\$790.33)	(\$529.71)	\$759.41	\$754.77
- Ag Land Credit	\$0.00	\$0.00	\$0.00	\$0.00
- Disabled and Senior Citizens Credit	\$0.00	\$0.00	\$0.00	\$0.00
- Family Farm Credit	\$0.00	\$0.00	\$0.00	\$0.00
- Homestead Credit	\$0.00	\$0.00	\$0.00	\$0.00
- Business Property Credit	\$0.00	\$0.00	(\$302.67)	(\$281.70)
- Prepaid Tax	\$0.00	\$0.00	\$0.00	\$0.00
= Net Taxes Due	\$402.00	\$454.00	\$456.00	\$474.00

**Tax History**

Year	Due Date	Amount	Paid	Date Paid	Receipt
2023	March 2025	\$201	No		5343
	September 2024	\$201	Yes	2024-08-26	
2022	March 2024	\$227	Yes	2024-03-29	4958
	September 2023	\$227	Yes	2023-09-07	
2021	March 2023	\$228	Yes	2022-08-26	4917
	September 2022	\$228	Yes	2022-08-26	
2020	March 2022	\$237	Yes	2022-03-10	4874
	September 2021	\$237	Yes	2021-09-03	
2019	March 2021	\$231	Yes	2020-08-31	4814
	September 2020	\$231	Yes	2020-08-31	
2018	March 2020	\$242	Yes	2020-03-05	4755
	September 2019	\$242	Yes	2019-08-28	

**Recorders Index**

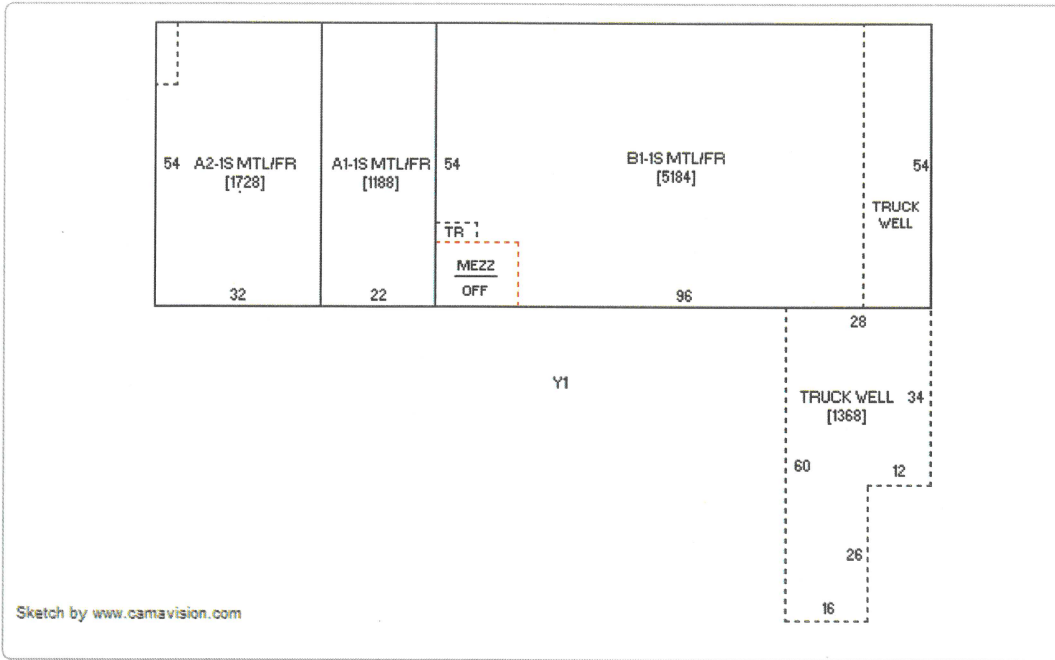
[Recorders Index](#)

**Photos**



**Sketches**





No data available for the following modules: Residential Dwellings, Agricultural Buildings.

Disclaimer: All critical information should be independently verified. If you have questions about this site please contact either the Delaware County Auditor's Office at 563 927-4701 or the Delaware County Assessor's Office at 563 927-2526  
[User Privacy Policy](#) | [GDPR Privacy Notice](#)  
Last Data Upload: 10/9/2024, 4:23:07 PM

Contact Us



**DELAWARE COUNTY  
WATER-SANITATION-ZONING**

Alex Linderwell  
301 East Main St.  
Manchester, Iowa 52057

Phone: 563-927-5925  
Cell: 563-920-5185  
E-mail: [alinderwell@co.delaware.ia.us](mailto:alinderwell@co.delaware.ia.us)

8/29/2024

To Whom It May Concern,

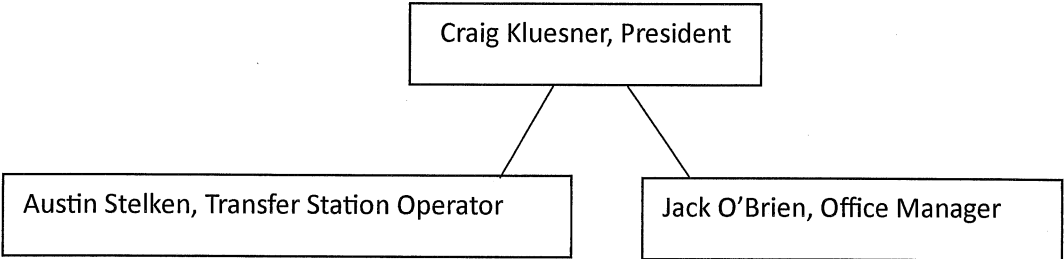
There is County Zoning in Delaware County as of January 1, 2023. The property located at 2022 325<sup>th</sup> Ave Dyersville, IA 52040 is zoned I-2 Heavy Industrial and conforms to and is in compliance with the zoning district. If there is anything further needed, please contact my office.

Sincerely,

Alex Linderwell  
Sanitarian and Zoning Administrator

**Section D**

SECTION D. ORGANIZATIONAL CHART



**Section E**

SECTION E. OPERATOR CERTIFICATION

Not required at this time.

**Section F**

**SECTION F. IDALS SCALE CERTIFICATE**

## Section G

### SECTION G. SITE DESIGN PLAN

The Site Location and Building Floor Plan are enclosed in this Section. Responses to the respective subrules follow:

106.9(1) 100-year floodplain

Comment: the transfer station is not located within a 100-year floodplain. The transfer station is at approximate elevation 980 feet. Bear Creek located 1,500 feet south of the transfer station is approximate elevation 950 feet.

106.9(2) Located within 500 feet of an educational, health care facility, etc.

Comment: There are no facilities, residences, etc. within 500 feet of the transfer station. The nearest residence is 1,000 feet south of the transfer station.

106.10(1) Transfer station design standards.

- a. The transfer station is a totally enclosed metal building with concrete floors and a steel push wall located along the east side. Vehicle access to the tipping floor is through an overhead door located on the west side of the building. Vehicles back into the building through the overhead door and unload onto the tipping floor. A skid loader is used to pick up the refuse from the tipping floor and load into a walking floor trailer. The walking floor trailer is located on the south end of the building at a lower elevation. Access to the walking floor trailer is through a dedicated overhead door located in the southwest corner of the building. The total operation is in an enclosed building designed to be used as a transfer station and as such can satisfactorily:
  - (1) Minimize dust and litter exiting the building.
  - (2) Keep precipitation out of the building.
  - (3) Prevent the attraction or harboring of vectors.
- b. Refuse is tipped onto a concrete floor which is impervious to liquids.
- c. Storm water drainage patterns do not come into contact with refuse.
- d. The transfer station has a washwater collection system. Washwater is directed to the floor drain located in the walking floor trailer staging area (lower level). The floor drain is served by a 1,000 gallon under ground storage tank (septic tank) with a high level indicator. The tank is located approximately 20 feet south of the transfer station building. The tank does not have a discharge. The collected washwater is pumped from the tank and

hauled to the City of Dyersville POTW for treatment and disposal as conditions require.

- e. The tipping floor is the solid waste storage area and includes a fire detection system.
- f. Storage pit – N/A.
- g. Surge pit – N/A.
- h. Salvage areas are clearly marked.
- i. Indoor/outdoor lighting is adequate.
- j. The transfer station has a door at each opening.

106.10(2) Other design requirements.

- a. The site is located within a dense timber. The site access road has a lockable gate. The only vehicle access route is via the access drive. The dense timber provides a secure site perimeter.
- b. The transfer station has an IDALS-certified scale. It is located between the entrance gate and the building approximately 75 feet from the transfer building.
- c. The site has adequate queuing distance and traffic control is not a problem.
- d. Signs directing traffic to the tipping area are adequate.
- e. The sign posted at the entrance includes: 1) facility name and permit number; 2) operating hours; 3) materials accepted; 4) telephone number of emergency contact person.

106.15(1) Solid waste will be loaded only into walking floor trailers designed specifically for the purpose of transporting solid waste. The trailer design prevents the accidental discharge of solid waste, harborage of vectors, and infiltration of precipitation. The trailer is covered with a vinyl tarp before transport.

106.15(2) The walking floor trailers will be inspected on a routine basis and repairs made as necessary.

106.15(3) The trailer will be cleaned as needed to prevent a nuisance or vector attraction.



106.15(4) Any necessary trailer washing will be performed off-site at a location served by a city sanitation sewer system. The water generated by washing the containers will be treated by the City of Dyersville POTW.

## Section H

### SECTION H. SITE OPERATION PLAN

Responses to the respective subrules follow:

- 106.11(1) General Requirements for employees who operate the transfer station.
- a. All employees will review and understand the facility Operational Plan.
  - b. All employees will review and understand the Emergency Response and Remedial Action Plan (ERRAP).
  - c. Gate attendants and operators will receive training to identify banned and unacceptable wastes including hot loads, hazardous wastes, infectious wastes, and radioactive wastes, and the procedures for handling all prohibited or banned wastes.
  - d. Kluesner Sanitation (management) will sponsor operator training.
- 106.11(2) Solid waste will be accepted only from generators within the approved Dubuque Metropolitan Area Solid Waste Agency (DMASWA) comprehensive Plan, as approved by the IDNR. The DMASWA service area includes Asbury, Balltown, Bankston, Bernard, Cascade, Centralia, Colesburg, Delaware, Delhi, Dubuque, Dundee, Durango, Dyersville, Earlville, Edgewood, Epworth, Farley, Graf, Greeley, Guttenberg, Holy Cross, Hopkinton, Luxemburg, Manchester, Masonville, New Vienna, North Buena Vista, Peosta, Rickardsville, Ryan, Sageville, Sherrill, Strawberry Point, Unincorporated Delaware County, Unincorporated Dubuque County, Worthington, and Zwingle.
- 106.11(3) All unloading, handling, process, screening, open storage, loading, and similar activities will be performed inside the transfer station building. Any salvaged materials will be stored inside the building in clearly marked designated areas.
- 106.11(4) All solid waste accepted by the transfer station will be visually inspected by trained personnel capable of identifying hot loads and hazardous, infectious, radioactive and other wastes not acceptable for disposal in a sanitary landfill.
- 106.11(5) Operators will segregate and manage unacceptable wastes and hot loads in accordance with applicable laws, and in a manner as safe and responsible as practical.
- 106.11(6) The operators may salvage materials, however, scavenging will not be allowed.

- 106.11(7) The facility operation will be conducted in a manner that will minimize litter, dust, odor, noise, vibration, and the attraction or harborage of vectors.
- 106.11(8) The transfer station building will be maintained at a level of cleanliness to prevent a nuisance or public health hazard.
- 106.11(9) On-site litter will be maintained at a level of cleanliness necessary to prevent a nuisance or public health hazard. Any off-site litter will be collected daily.
- 106.11(10) The exterior of the building will be maintained at a level of cleanliness necessary to prevent a nuisance or public health hazard.
- 106.11(11) The washwater management system will not be allowed to overflow. The holding tank is equipped with a high level alarm. The system will be inspected monthly and maintained in proper operating condition.
- 106.11(12) Any washwater management system failure that could allow washwater to enter the groundwater will be repaired within 24 hours.
- 106.11(13) Adequate provisions will be made for the routine operational maintenance of the facility.
- 106.12(1) Areas permitted for temporary solid waste storage.
- a. Inside the transfer station building in the marked designated area.
  - b. In a walking floor trailer located in the transfer station.
- 106.12(2) Maximum solid waste storage time.
- a. Inside the transfer station building for not more than 48 hours, excluding Sundays and national holidays.
  - b. In a walking floor trailer located in the transfer station for not more than 48 hours, excluding Sundays and national holidays.
- 106.13(1) A copy of the following documents will be maintained.
- a. Current permit and amendments, on site.
  - b. Operational and Closure Plan, on site.
  - c. ERRAP, on site.

- d. Proof of financial assurance, on file.
- 106.13(2) A copy of the following records will be maintained for a minimum of three years.
- a. Tons of solid waste disposed of quarterly and the tons of recyclables shipped off-site.
  - b. Destination of all outgoing solid waste.
  - c. Wastewater management system inspection log.
  - d. Documentation of hot loads, and hazardous, infectious, radioactive, or other unacceptable wastes found.
  - e. Documentation of management sponsored operator training classes.
  - f. Inspection reports (annual engineer inspection reports and IDNR inspection reports).
- 106.14(1) Report forms will be sent to the IDNR on a quarterly basis for:
- a. Tons of solid waste disposed.
  - b. Comprehensive planning areas from which the solid waste originated and the tons of solid waste disposed from each county and comprehensive planning area.
  - c. Destination of all outgoing solid waste.
- 106.14(2) The transfer station will be inspected annually by an Iowa-licensed professional engineer. The annual report will be submitted to the Department by November 1 each year. The inspection report shall reflect the facility's compliance with respect to the department-approved design and construction.
- 106.15(1) Solid waste will be loaded only into walking floor trailers designed specifically for the purpose of transporting solid waste. The trailer design prevents the accidental discharge of solid waste, harborage of vectors, and infiltration by precipitation. The trailer is covered with a vinyl tarp before transport.
- 106.15(2) The walking floor trailers will be inspected on a routine basis and repairs made as necessary.

- 106.15(3) The trailers will be cleaned as needed to prevent a nuisance or vector attraction.
- 106.15(4) Any necessary trailer washing will be performed off-site at a location served by a city sanitation sewer system. The water generated by washing the trailers will be treated by the City of Dyersville POTW.
- 106.16(1) The trailer openings (rear door and/or vinyl tarps) will be in place and secured before transport or during storage so as to prevent any loss of solid waste.
- 106.16(2) The walking floor trailers will be top loaded. The trailers will be positioned in the dedicated bay and top loaded using a skid loader. Once loaded, the trailer will be covered with a tarp. After the container is removed from the bay, any solid waste spilled during the loading process will be collected as necessary to minimize litter, dust, or other fugitive debris.
- 106.16(3) If solid waste is spilled during transport, the waste will be collected as soon as possible. The IDNR Central Office and Field Office #1 will be notified.

**Section I**

**SECTION H. EMERGENCY RESPONSE AND REMEDIAL ACTION PLAN**

A copy of the Emergency Response and Remedial Action Plan (ERRAP) is enclosed.

## EMERGENCY RESPONSE AND REMEDIAL ACTION PLAN

### A. FACILITY INFORMATION

#### 1. Permitted Agency

Kluesner Sanitation, LLC d.b.a. the Bi-County Transfer Station

#### 2. DNR Permit Number

Permit # 28-SDP-04-06

#### 3. Facility Description

Bi-County Transfer Station is a privately owned facility providing service to residents and businesses in the rural and urban areas of Dubuque and Delaware Counties, plus the cities of Strawberry Point and Edgewood in Clayton County and the city of Zwingle in Jackson County.

#### 4. Responsible Official

Craig Kluesner (563-590-0530) of Kluesner Sanitation, LLC is responsible for the Transfer Station. Responsible officials and contacts are listed in Appendix A.

#### 5. Project Location

Address: 2022 325<sup>th</sup> Avenue, Dyersville, IA 52040

Legal Description: Parcel Q of the NW  $\frac{1}{4}$  of the NE  $\frac{1}{4}$ , Section 26, T89N, R3W Delaware County, Iowa

#### 6. Site and Environs Map

Site maps are included in Appendix B.

### B. REGULATORY REQUIREMENTS

#### 1. Iowa Code

This plan is designed to meet the requirements of Iowa Code 455B.306(7)"d" which requires the development of an Emergency Response and Remedial Action Plan (ERRAP) as part of the permitting procedures.

The ERRAP is required to address the following:

- Establish provisions to minimize the possibility of fire or explosion.
- Establish provisions to minimize any releases to air, land, or water of pollutants.
- Identification of possible occurrences that may endanger human health and the environment.

#### 2. Permit Provisions Reference

This plan is required by IAC 567 106.19(455b). Updated plans will be submitted with each subsequent permit renewal application.

### C. EMERGENCY CONDITIONS – RESPONSE ACTIVITIES – REMEDIAL ACTIONS

#### 1. Utilities Failure

Utilities include electric and telephone. The telephone is not considered a source or cause of an emergency and is therefore not addressed.

##### 1.1 Electric Failure

The transfer station has one electrical panel as shown in Appendix C.

##### a. Short-Term Electrical Failure (less than 48 hours)



- Contact the President (Appendix A)
- Contact the electric utility company (Appendix A)
- Temporarily store the refuse on the tipping floor of the transfer station. Because Kluesner Sanitation personnel will deliver the majority of the refuse, a utility failure will be more of an inconvenience than an emergency.
- As a precaution, flashlights and/or battery powered lanterns will be provided to all staff members prior to darkness.
- During winter conditions, a standby heating source may be needed to protect the plumbing in the restroom from freeze damage.

**b. Long-Term Electrical Failure (over 48 hours)**

Add the following to the short-term responses:

- Kluesner Sanitation collection vehicles will haul directly to the host landfill and not attempt to use the transfer station.
- Refuse will not be accepted from the public. The public will be asked to haul directly to the host landfill or to another transfer station or wait until the transfer station is operational.

**1.2 Propane Gas Failure**

Neither propane nor natural gas is used at the site.

**2. Weather-Related Events**

**a. Tornado**

*Tornado watch* – Conditions are possible for a tornado to occur.

*Tornado warning* – A tornado has been sighted or is indicated by radar.

- In case of tornado watch, staff will do the following:
  - Watch the sky and listen to the radio or television for conditions.
  - Locate appropriate emergency supplies including battery-powered radio, mobile telephone, flashlights, etc.
  - Be prepared to seek shelter in the designated tornado shelter (office) as shown on the site map. Reference Appendix C for location.
  - Notify customers and visitors of conditions and the location of the site's tornado shelter.
  - If funnel-shaped clouds are observed, immediately seek shelter and report the sightings to the County Sheriff (Appendix A).
- In case of tornado sighting or tornado warning, staff will do the following:
  - Take immediate cover in the office which is designated as the tornado shelter.
  - Staff will also immediately escort all visitors and customers to the tornado shelter.
  - Those staff members too far from the designated tornado shelter should take immediate cover. Stay away from windows and open spaces. Get under a heavy piece of furniture such as a desk or workbench.
  - If caught outside and unable to reach a building, take shelter in a culvert or ditch. Use arms to protect your head and neck. Be alert for flooding conditions.

- Remain sheltered until no further danger exists.
- Once all danger has passed, staff members will:
  - Account for all personnel, customers, and visitors.
  - If injuries, determine the extent and immediately provide appropriate emergency care. Do not attempt to move seriously injured victims. Call for emergency responders and administer any necessary first aid.
  - Determine the extent of damage to the buildings and equipment. Avoid any downed power lines, electrical system damage, spilled fuels from equipment or storage tanks, etc.
  - Report site conditions to the President (Appendix A).
  - If downed power lines or a propane gas leak is occurring, notify the appropriate utility for assistance. Avoid the areas and warn others to stay away from these areas.
  - If a fuel or regulated material spill occurred, take appropriate action to contain the spilled material and remediate the conditions as detailed in **Section 5 – Hazardous Material Spills and Releases**. Notify the IDNR of the spill.
  - Evaluate the condition of water and sewage facilities.
  - Report any damage to the President (Appendix A) before proceeding with repairs.
  - Photo document the site and conditions.
  - Review the Emergency Checklist in Appendix D.

**b. Windstorms**

*Downburst or straight wind* – a strong out rush of wind formed by rain-cooled air. Strong down bursts can produce extensive damage and are often mistaken for tornadoes, but have similar affects on buildings, trees, etc. A downburst can overturn a mobile home, tear roofs off buildings, and topple trees.

- Weather forecasters do not always provide a warning of a downburst because they are not easily predicted. However, if a warning of conditions being favorable for downbursts is heard, follow the same procedures as for a tornado watch.
- If a downburst occurs, follow the procedures for a tornado.

**c. Intense Rainstorms and Erosion**

*Severe thunderstorm watch* – indicates a severe thunderstorm with damaging winds 58 miles per hour or more or hail ¼ inch in diameter or greater is likely to develop.

*Severe thunderstorm warning* – indicates a severe thunderstorm has been sighted or indicated on radar.

- Thunderstorm watch procedures:
  - Seek a safe place in a building.
  - Watch the sky and listen to the local radio or television station for weather updates.
  - Warn other staff and customers/visitors of pending weather conditions.
- Thunderstorm warning procedures:

- Instruct all staff and customers/visitors to go to a safe place in a substantial building or the designated tornado shelter (office).
- Monitor the battery-operated radio or television for weather conditions and the “all clear” report.
- Following the “all clear” report, assess the conditions of personnel, customers, and visitors.
- Survey the site and buildings, particularly noting the conditions of the power lines, the roofs of the buildings, the equipment, etc.

**d. Lightning Strikes**

Lightning strikes can cause fires, personal injury, damage electrical utilities, and damage equipment such as pumps and scales.

- Personal safety
  - Following a significant lightning strike that appears to have hit close, the supervisor should make certain there were no injuries. If injury has occurred, contact 911 emergency assistance. Depending upon the extent of injuries, appropriate first aid may be given. Unless danger is eminent, the injured should not be moved except by trained emergency workers.
- Site
  - Following a significant lightning strike, the supervisor should inspect the buildings to determine if any damage (fire) has resulted. If a fire is observed, immediately call 911 and begin fire control procedures if safety allows. Do not use water to fight an electrical fire.
- If the electrical power supply was damaged, trip the main breaker.
- Photo document the site and conditions.
- Review the Emergency Checklist in Appendix D.

**e. Flooding**

The transfer station is not subject to flooding. The access roads to/from the transfer station are not subject to flooding. However, to make this ERRAP an all-encompassing plan, flood issues are addressed.

*Flash Flood Watch* – Means a flood is possible, to be alert to signs of flash flooding and to be ready to evacuate. Flash floods tend to occur most quickly in hilly terrain and/or low-lying areas.

*Flash Flood Warning* – Means a flood is occurring and will occur in your area soon. Listen to the radio or television for more information and advice.

- Should the area flood, the following should be followed:
  - If potentially impacted, move electronics, important documents, etc. to higher ground or remove them from the site.
  - If appropriate, and time is available, attempt to build earthen or sandbag dams to protect buildings.
  - Monitor local radio or television stations for up-to-date developments.

- If told to leave, do so immediately. Never drive through a flooded area or around road barricades used to warn of flooded areas.
- Procedures Following a Flood
  - Wait until floodwaters have receded before inspecting buildings and equipment.
  - Be alert for loose or downed power lines and report any problems to the local utility company.
  - If possible, disconnect electrical power to the building and equipment immediately. Prior to inspecting buildings or equipment, be sure all electrical power is disconnected.
  - If the building has been damaged by floodwaters, structural stabilization may be necessary.
  - Prior to reconnecting the power, be sure the electrical box, outlets, and floor are dry.
  - Do not stand in any water when turning on the power source or doing electrical repairs.
  - Do not connect or use any electrical appliances or motors unless they have been taken apart, cleaned, and dried.
  - If any pumps have been damaged by the floodwaters, contact the authorized electrician for repair or replacement as necessary.
  - Check the sewage system for damage and have it serviced if necessary.
  - Photo document the site and conditions.

**f. Event and Post-Event Conditions**

During the event the first responsibility is to take all necessary actions to provide individual safety. The Emergency Checklist in Appendix D provides a list of post-event actions.

**3. Fire and Explosions**

**a. Waste Materials**

Transfer station fires can be started by several sources including equipment fires, fires onboard incoming waste, lightning strike, and arson.

- Report any unusual observations, such as steam or trails of smoke, to the President (Appendix A).
- Safely investigate the area for obvious burning odor.
  - Upon discovery of a fire in the transfer station, immediately secure the area. Direct all customers/visitors to a safe area away from the fire.
  - Determine what waste is burning and whether it can be safely extinguished with a hand held extinguisher or water.
  - If it cannot be extinguished, determine if the burning waste can be safely removed from the rest of the non-burning waste. If possible, separate the burning waste and, using the skid loader, move it outdoors away from the transfer station.
  - If in doubt, dial 911 for fire department assistance to extinguish the fire.
  - Monitor the waste to determine the fire is totally extinguished.

## **b. Buildings and Site**

- Basic fire training will be provided to all staff and will include:
  - The location of all fire extinguishers and water sources.
  - Operation of the fire extinguishers.
  - The location of all building exits.
  - Emergency phone number location.
  - Basic emergency training including how to extinguish burning clothing on a person and how to treat burn wounds.
- Fire Occurrence Procedures
  - Upon determination of a fire in any building, staff will immediately assess the situation and determine the size of the fire, the material burning, and its location relative to other flammables or explosives.
  - If fire extinguishers or a water source can **safely** be used to control the fire, staff with proper training can attempt to extinguish the fire.
  - If the fire is too large or dangerous or located close to flammable or explosive materials, immediately evacuate the area and call 911 for assistance.
  - Evacuate all staff and customers/visitors and direct them to a safe area away from the fire. Be aware of the wind direction and its potential influence on the fire.
  - Never reenter a burning building.

## **c. Equipment**

All motorized equipment have a fire extinguisher.

- If a fire in a machine is observed, the operator should immediately move the machine outside away from the transfer station, being sure to turn off the ignition and park the machine so it does not move.
- If the fire is in stationary electrical equipment, immediately disconnect the electric power at the control panel.
- Direct all other equipment and individuals away from the area.
- If the fire can be controlled safely with a fire extinguisher, staff can attempt to extinguish the fire.
- If the fire is too dangerous, immediately call 911 for assistance.
- Because other materials may catch fire (fuel tank, garbage, etc.), be sure to keep all vehicles and individuals away from the fire.

## **d. Fueling Locations**

Fuel storage areas are a potential fire location.

- General safety procedures should include the following:
  - Post signs and enforce a ban on smoking and open flames in the vicinity of the fueling area and storage tanks.
  - Shut down all equipment while refueling.
  - Monitor the fueling process at all times.
  - Be sure all pumps and storage tanks are properly grounded.
  - Small volumes of fuels should only be stored in non-leaking, approved containers and must be properly labeled as to their contents.

- All containers should have tightly sealing lids to prevent spillage or the escape of fumes.
- When pouring from portable fuel containers, always use a funnel or spout to prevent spillage.
- If spillage occurs during any fueling incident, immediately contain and/or absorb the spilled fuel with absorbent materials. Adequately ventilate any building or equipment prior to starting the machines or using anything that might cause a spark.

**e. Utilities**

- Following a fire in or near a building, check the following:
  - Electrical power wires, control boxes, outlets, etc., should be checked for damage. If burn marks, melted insulation, and smoke damage is observed, do not use the power source for any purpose until checked by an electrician.

**f. Facilities**

- If fire damage is excessive and the President determines the transfer station cannot be operated, proceed as follows:
  - Follow the Temporary Transfer Station Closure Procedures in Appendix E.
  - Determine, as best possible, a schedule to resume operations.

**g. Working Area**

- Fire upon the tipping floor
  - Upon discovery of a fire on the tipping floor, immediately secure the area.
  - Follow the procedure outlined in **Section 3a - Waste Materials**.

**h. Hot Loads**

- A hot load is a load of refuse or a vehicle that is smoldering, smoking, or on fire.
  - Upon discovery of a hot load, immediately direct the vehicle to an isolated location away from all buildings and equipment. Have the driver unload the waste on dirt or a hard surfaced area.
  - Determine what material is burning and, if appropriate, use fire extinguishers or water to extinguish the fire. If the type of fire cannot be determined or chemicals are involved, use dirt to extinguish the fire.
  - If conditions allow, spread the waste to be sure all burning material is extinguished.
  - Monitor the waste to determine the fire is totally extinguished.

**i. Waste Gases**

Waste gases, generated from the decomposition of refuse, are not an issue at a transfer station.

**j. Evacuation**

- In case of fire or explosions due to any of the described occurrences, all staff should be aware of the following:
  - Building exits.

- Fire extinguisher locations.
- Main electric breaker shut off.
- Following evacuation of a building or structure, the supervisor will contact emergency personnel and the President (Appendix A) as necessary for further directions.

#### 4. Regulated Waste Spills and Releases

Regulated wastes are those materials banned from land disposal or whose disposal Federal or State laws regulate. Examples include waste oils, fuels, refrigerants, and agricultural chemicals.

##### a. Waste Materials

- Staff is trained to inspect all incoming loads. Upon observation of any waste materials believed to be regulated by State or Federal laws, staff will immediately:
  - Determine, as best possible, the nature of the waste.
  - If the waste is considered potentially explosive, immediately evacuate all personnel and customers/visitors from the area and call the HazMatt response team by dialing 911.
  - Immediately eliminate all sources of ignition and fire from the vicinity, this includes vehicles with their engines running. Shut down the electrical power in the area if appropriate.
  - If the waste is a liquid and if safety allows, place a dike (“pigs”) around the waste to prevent spreading.
  - Contact IDNR to report the spill.
  - If needed to determine the nature of the waste, contact a chemist or HazMatt responder to assist in the identification and procedures for cleanup.
  - Record the source of the waste, the hauler, the time, and the vehicle license plate number.
  - Photo document the site and conditions.

##### b. Leachate

Leachate is a non-issue.

##### c. Waste Gases

As discussed in **Section 3i – Waste Gases**, waste gases generated from the decomposition of refuse are a non-issue at a transfer station.

##### d. Waste Stockpiles and Storage Facilities

There are no waste stockpiles at the transfer station. Only diesel fuel is stored on site.

- Response by staff to fuel spills will include:
  - Staff will immediately shut off all fuel pumping facilities.
  - Staff will use absorbent materials to prevent run-off and to clean up the spillage.
  - If necessary, staff will immediately construct a berm around the spillage. Every effort will be made to prevent any fuels from leaving the site or entering surface water.
  - Staff will contact the President (Appendix A).



- Staff will initiate cleanup of the spilled fuel with absorbents.
- If necessary, staff will transfer contents of the problem vessel to an alternative vessel.
- Cleanup will continue until all contamination has been removed.
- IDNR (Appendix A) will be notified if the quantity spilled exceeds 10 gallons.
- Contaminated soils and absorbents will be landfilled in the appropriate petroleum contaminated soil area. The host landfill will be informed of the nature of the contamination.

**e. Waste Transport Systems**

Refuse is transported from the transfer station. The primary responsibility for the refuse in transport is the transfer station owner. In the event of a spill due to a condition such as an accident, staff will do the following:

- Upon notification of the spill, obtain the following information:
  - The location (highway marker, distance from known landmark, etc.).
  - Injury report and, if there are injuries, confirm that an ambulance and Sheriff/Highway Patrol/police have been notified.
  - Obtain a general assessment of the situation (vehicle blocking travel lanes, in ditch, upright, etc.).
  - Notify the hauling company.
  - Notify the IDNR Field Office.
  - Visit the location and confirm the hauling company is taking the necessary action for cleanup.
  - Verify the location is secure.
  - Photo document the location and conditions.
  - Verify location cleanup, including litter.

**f. Litter and Airborne Particulates**

- Litter is controlled by:
  - Enforcing the “all loads covered” requirement.
  - Spotting customers on the tipping floor to ensure refuse is unloaded away from open overhead doors.
  - Cleaning/policing the transfer trailer location after the walking floor trailer is removed.
  - Routinely handpicking litter.
- Airborne particulates (dust) can be controlled during dry weather by periodic sprinkling of access roads with water, commercially applying a dust control product, and/or reducing travel speed.

**g. Site Drainage Systems**

The site drainage system includes a septic tank with leach field plus a 1,000 gallon dedicated washwater holding tank. Only wastes from the restroom enter the septic system while only washwater from the transfer station enters the holding tank.

If there is a spill on the tipping floor, staff will:

- Contain the spill with dikes (“pigs”) and absorbent.

- Notify the President.
- Determine if additional action is needed.

As routine maintenance, a septic tank service provider will pump the septic tank once every five years. The washwater holding tank, equipped with a high level alarm, is pumped as needed. The service provider is responsible for disposing the tank wastes and/or washwater at a permitted wastewater treatment facility.

#### **h. Off-Site Releases**

- If staff is aware of a chemical, fuel, or other regulated material off the transfer station property, that will impact the operations of the transfer station or access to the transfer station, the following actions will be taken:
  - Assess the extent of the spill, the type of material, and any circumstances that would potentially endanger health or the environment.
  - If necessary, evacuate personnel and customers/visitors.
  - If necessary, dial 911 for HazMatt assistance.

### **5. Hazardous Material Spills and Releases**

#### **a. Load Check Control Points**

Staff is trained to inspect all incoming loads.

- If staff observes hazardous materials at the scale or on the tipping floor, the following actions will be taken:
  - Trained personnel will immediately determine the type of material and the hazards it may pose by either asking the driver, by odor detection, or by visual observations.
  - Staff will approach and remain upwind at all times from an unknown spill.
  - If flammable, toxic, volatile, and/or explosive in nature, staff will immediately evacuate the area and dial 911 for HazMatt responders.
  - If staff cannot identify the material, staff is instructed to assume the worst case and evacuate the area until trained hazardous materials responders arrive.
  - If appropriate, staff will instruct the driver to shut down the vehicle and evacuate also.
  - If necessary, staff will close the transfer station.
  - Staff will contact the President (Appendix A).
  - If actions can be done safely, staff will use absorbents or dikes to contain the spill.
  - With authorization from the President (Appendix A), and safety not compromised, the spilled material will be absorbed and/or loaded into an empty container and sealed for disposal at a hazardous waste facility.
  - All contaminated absorbents will also be handled as hazardous waste.
  - The IDNR Field Office (Appendix A) will be notified.

- The driver/hauler of the spilled material will be contacted.
- The site and conditions will be photo documented.

**b. Mixed Waste Deliveries**

If staff becomes aware of a waste load mixed with hazardous waste, the entire load will be assumed hazardous until testing documents otherwise.

- If a mixed load of hazardous and regular waste is received and detected, staff will proceed as follows:
  - Staff will attempt to determine the hazardous nature of the waste and its threat to health.
  - If appropriate, due to the waste's toxicity, instability, or flammability, personnel and customers will be evacuated from the area.
  - If necessary, staff will contact emergency personnel for assistance.
  - If the load can be safely isolated, the operator will attempt to do so.
  - If necessary, dikes ("pigs") or absorbents will be used to contain any run-off from the load.
  - The Director and the IDNR Field Office (Appendix A) will be notified.
  - If appropriate, samples will be taken to determine if the load is hazardous or can be safely transferred to the landfill.
  - The hauler will be contacted for information regarding the waste generator and cleanup responsibility.
  - Cleanup will depend upon the materials involved and directions from the IDNR.
  - The site and conditions will be photo documented.

**c. Fuels**

- Response by staff to fuel spills will include:
  - Staff will immediately shut off all fuel pumping facilities.
  - Staff will use absorbent materials to prevent run-off and to cleanup the spillage.
  - If necessary, staff will immediately construct a berm around the spillage. Every effort will be made to prevent any fuels from leaving the site or entering surface water.
  - Staff will contact the President (Appendix A).
  - Staff will initiate cleanup of the spilled fuel with absorbents.
  - If necessary, staff will transfer contents of the problem vessel to an alternative vessel.
  - Cleanup will continue until all contamination has been removed.
  - IDNR (Appendix A) will be notified if the quantity spilled exceeds 10 gallons.
  - Contaminated soils and absorbents will be landfilled in the appropriate petroleum contaminated soil area. The host landfill will be informed of the nature of contamination.

**d. Waste Gases**

As discussed in **Section 3i – Waste Gases**, waste gases generated from the decomposition of refuse are a non-issue at a transfer station.

**e. Site Drainage Systems**

Refer to **Section 4g – Site Drainage Systems**.

**f. Off-Site Releases**

- If staff is aware of any hazardous material release from a source near the transfer station property that could impact the operations of the transfer station or access to the transfer station, the following actions will be taken:
  - Assess the extent of the spill, the type of material and any circumstances that could potentially endanger health or the environment.
  - If necessary, evacuate personnel and customers/visitors.
  - Contact local emergency personnel and the President (Appendix A) for instructions.
  - Since the location is not on transfer station property, allow the IDNR and local emergency personnel to notify the responsible parties and to arrange for cleanup of the spilled materials.
  - If transfer station closure is necessary, follow the outline in Appendix E.

**6. Mass Movement of Land and Waste**

**a. Earthquakes**

- Should an earthquake be experienced at the transfer station, the following actions will be taken:
  - If indoors, immediately take cover under a heavy piece of furniture or other strong structure.
  - If outside, stay in an open area.
  - If in a machine, stop driving and wait for the earthquake to end.
  - If damage has occurred:
    - Evacuate all buildings.
    - Account for all personnel, customer, and visitors. Check for injuries and, if necessary, administer first aid. Notify emergency personnel (911) if injuries are serious.
    - Check utilities (electricity, water, and sewage systems) for damage. If damage is found, shut down the system (throw the main breaker, etc.).
    - Check the fuel storage area for damage and spillage and, if necessary, take containment and cleanup actions (Reference **Section 5c – Hazardous Materials Spills – Fuels**).
    - Monitor radio or television for reports of aftershocks and emergency notices.
    - Walk the site and observe any unusual conditions that may need attention.
    - Review the Emergency Checklist in Appendix D.
    - Once all danger has passed, prepare for large quantities of disaster debris from cleanup procedures.

**b. Slope Failure**

A non-issue with transfer stations.

**c. Waste Shifts**

A non-issue with transfer stations.

## **7. Emergency and Release Notifications and Reporting**

### **a. Federal Agencies**

- Environmental Protection Agency (EPA) Region VII (Appendix A).
- Poison Control Center (Appendix A).

### **b. State Agencies**

- Iowa Dept. of Natural Resources (IDNR) – Field Office #1 (Appendix A).
- Iowa Dept. of Natural Resources, Hazardous Conditions Reporting (Appendix A).
- State Fire Marshall (Appendix A).
- Iowa Dept. of Public Health (Appendix A).

### **c. County and City Agencies**

- The name and phone numbers for County and City Agencies are listed in Appendix A.

### **d. News Media**

- The name, address, and phone numbers for the news media are listed in Appendix A.

### **e. Public and Private Facilities with Special Populations Within Five Miles**

- The locations of facilities with special populations within five miles are enclosed in Appendix B.
- The name, addresses, and phone numbers for the facilities are listed in Appendix A.

### **f. Emergency Response Agencies**

- Dial 911 for emergency responders.
  - Give the operator your name, explicit details regarding the nature of the emergency, the address of the emergency, any injuries and other requested information.
  - Stay on the line unless instructed to hang up or unless personal safety is jeopardized.
  - If the 911 system is down, use the direct numbers listed in Appendix A.

### **g. Reporting Requirements and Forms**

- IDNR requires the reporting of all hazardous conditions and spills to the local police or sheriff, as soon as possible but not later than six hours of the occurrence or discovery of the hazardous condition. A hazardous condition is defined as “a situation involving the actual, imminent, or probable spillage, leakage, or release of a hazardous substance onto the land, into the waters of the state or into the atmosphere which, because of quantity, strength and toxicity of the hazardous substance, its mobility in the environment and its persistence, creates an immediate or potential danger to public health and safety or to the environment.”
- A copy of IDNR Rules 567-131(455B) – Notification of Hazardous Conditions, is included in Appendix F.

## **8. Emergency Waste Management Procedures**

### **a. Communications**

- For conditions requiring emergency responders, dial 911 for assistance.

- Give details regarding the emergency, the address/location of the emergency, any injuries and other requested information.
- Notify the President (Appendix A) of the conditions.
- Notify the appropriate local, State, and Federal authorities.
- For non-emergency conditions, contact the President (Appendix A) for directions.
  - Notify the appropriate local, State, and Federal authorities (Appendix A).
- Communicate conditions to transfer station staff. Communicate by two-way radio, cell phone (Appendix A) or in person.

**b. Temporary Discontinuation of Services**

- Short-Term
  - Reference the Temporary Transfer Station Closure Procedures in Appendix E.
- Long-Term
  - Reference the Temporary Transfer Station Closure Procedures in Appendix E.

**c. Facilities Access and Rerouting**

If the normal access to the transfer station is restricted for more than 24 hours, the President will notify regular customers of the alternative route. Options are shown on the map enclosed in Appendix B. The Sheriff and County Engineer will be notified (Appendix A) of the need for an alternative route. Arrangements will be made to have signs posted redirecting transfer station traffic. Typically, this will not be a problem because the majority of the waste delivered to the transfer station is by staff.

**d. Waste Acceptance**

The transfer station will accept those wastes allowed by State and Federal law. Wastes governed by IDNR Chapter 109 Special Waste Authorizations (wastes designated as "Special Waste" and requiring a Special Waste Authorization) because they may impact the operator's health or the environment **will not** be accepted. Wastes designated as a "Special Waste" by the DNR must be direct hauled to the landfill as a separate non-comingled load.

**e. Wastes in Process**

Wastes received at the transfer station will be stored indoors on the tipping floor until loaded into the walking floor trailer.

**9. Primary Emergency Equipment Inventory**

**a. Major Equipment**

- Walking floor trailers
- 3 Bobcat skid loaders
- 1 Bobcat mini excavator

**b. Fire Hydrant and Water Sources**

- A hose bib is located on the east wall of the office (northwest corner of the transfer station) [Appendix C].

**c. Off-Site Equipment Resources**

- Kluesner Sanitation has additional loaders located at other facilities that could be used as backup equipment within 24 hours.

## **10. Emergency Aid**

### **a. Responder Contacts**

Dial 911 for emergency assistance. The 911 call will be answered by the dispatcher at the County Sheriff's Office. The dispatcher will notify one or more of the appropriate responders:

- Fire department
- Ambulance
- Sheriff
- HazMatt

If the 911 system is down, use the phone numbers in Appendix A.

### **b. Medical Services**

- Mercy Medical Center (dial 911). Directions to the hospital are at the end of Appendix B.

### **c. Contracts and Agreements**

- Current landfill site:  
Dubuque Metropolitan Area Solid Waste Agency Landfill  
Phone: 563-557-1838  
Location: Approximately 5 miles west of Dubuque on US Highway 20 on the north side of the road.
- Alternative landfill site:  
In the event the Dubuque Metropolitan Area Solid Waste Agency Landfill (DMASWA) temporarily closes due to an emergency, Kluesner Sanitation may hold their solid waste at the transfer station for 48 hours. This may be sufficient time for the landfill to reopen for business. In the event the DMASWA Landfill will be closed for longer than 48 hours, Kluesner Sanitation will make arrangements to haul their waste to a permitted out-of-state landfill. The IDNR will be informed of this arrangement before transporting any waste to the alternate out-of-state landfill.

## **11. ERRAP Training Requirements**

### **a. Training Providers**

Kluesner Sanitation will provide training annually.

### **b. Employee Orientation**

New employees will receive training during the first week of employment.

### **c. Annual Training Updates**

All employees will receive updated training annually.

### **d. Training Completion and Record Keeping**

The President will document training dates, document attendance, and keep records for five years in the official files.

## **12. Reference Tables, Figures, and Maps**

See attached Appendices

- Appendix A – Phone Numbers
- Appendix B – Site Map – Transfer Station Routes
- Appendix C – Building Layout



- Appendix D – Emergency Checklist
- Appendix E – Temporary Facility Closure Procedures
- Appendix F – Notification of Hazardous Conditions Rules

## **Appendix A**

### **Phone Numbers**

## Bi-County Transfer Station

### Phone Numbers

#### 1. Emergency phone numbers

##### Telephone location(s)

- Transfer station 563-875-2521

##### Medical – ambulance **911**

Hospital – Dyersville 563-875-2911

Reference last page in Appendix B for directions.

Bi-County Ambulance 563-875-8628

##### Fire department **911**

Dyersville Fire Department 563-875-8356

#### 2. Federal Agencies

Environmental Protection Agency 800-223-0425  
Region VII

Poison Control Center 800-272-6477

#### 3. State Agencies

Iowa Dept. of Natural Resources 563-927-2640  
Field Office #1

Iowa Dept. of Natural Resources 515-281-8694  
Hazardous Conditions Reporting

State Fire Marshall 515-281-8625

Iowa Dept. of Public Health 515-281-5787

#### 4. Transfer station staff notification list

Transfer station 563-875-2521

Craig Kluesner, President 563-590-0530

Austin Stelken, Operator 563-451-3885

#### 5. County and City Agencies

Sheriff **911**  
563-927-3135

Dyersville City Police **911**  
563-875-7366

County engineer 563-927-3505

County health department 563-927-7203

**6. News media**

KDST Radio – Dyersville	563-875-8193
Dyersville Commercial	563-875-7131
Manchester Press	563-927-2020

**7. Utilities**

Electric

Alliant Energy	800-822-4348
----------------	--------------

Telephone

Windstream	877-901-4692
------------	--------------

Water

Private well

**8. Waste haulers**

Not applicable

**9. Facilities with special populations within five miles**

Mercy Medical Center	563-875-2911
Oakcrest Nursing Home	
1111 3 <sup>rd</sup> St SW	
Dyersville, IA 52040	

St. Francis Xavier School	563-875-7376
203 2 <sup>nd</sup> St SW	
Dyersville, IA 52040	

Dyersville Elementary School	563-875-8484
813 12 <sup>th</sup> Ave SW	
Dyersville, IA 52040	

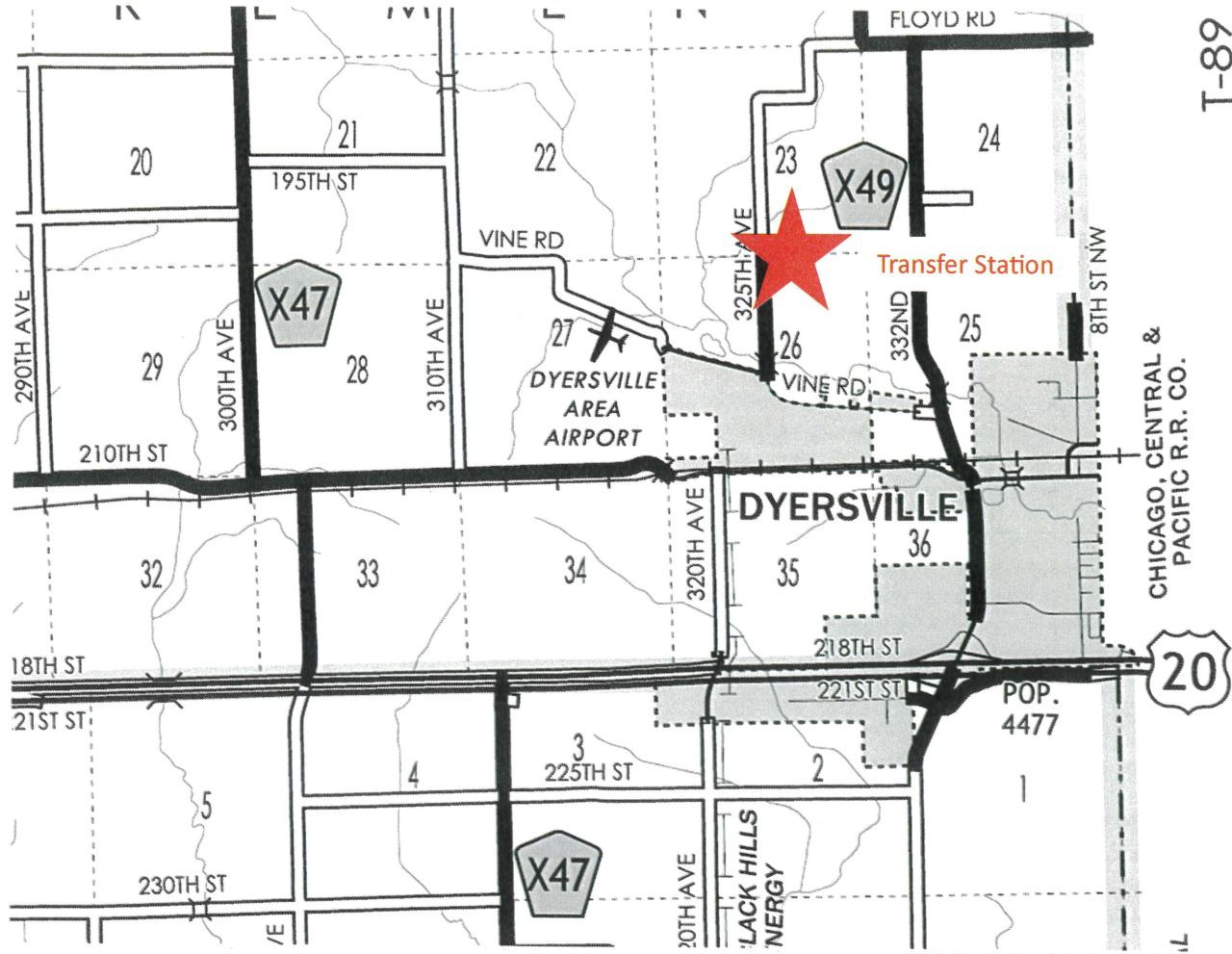
**10. Host landfill**

Dubuque Metropolitan Area Solid Waste Agency Landfill  
563-557-1838

Location: Approximately 5 miles west of Dubuque on US Highway 20 on the north side of the road.

**Appendix B**

**Site Map – Transfer Station Routes**



T-89

**Bi-County Transfer Station  
Route Options**

Transfer station access is off 325<sup>th</sup> Ave, a north/south paved Delaware County secondary road.

**1) Route option from the north**

- Floyd Rd (east/west road) to 325<sup>th</sup> Ave
- South to 2022 325<sup>th</sup> Ave

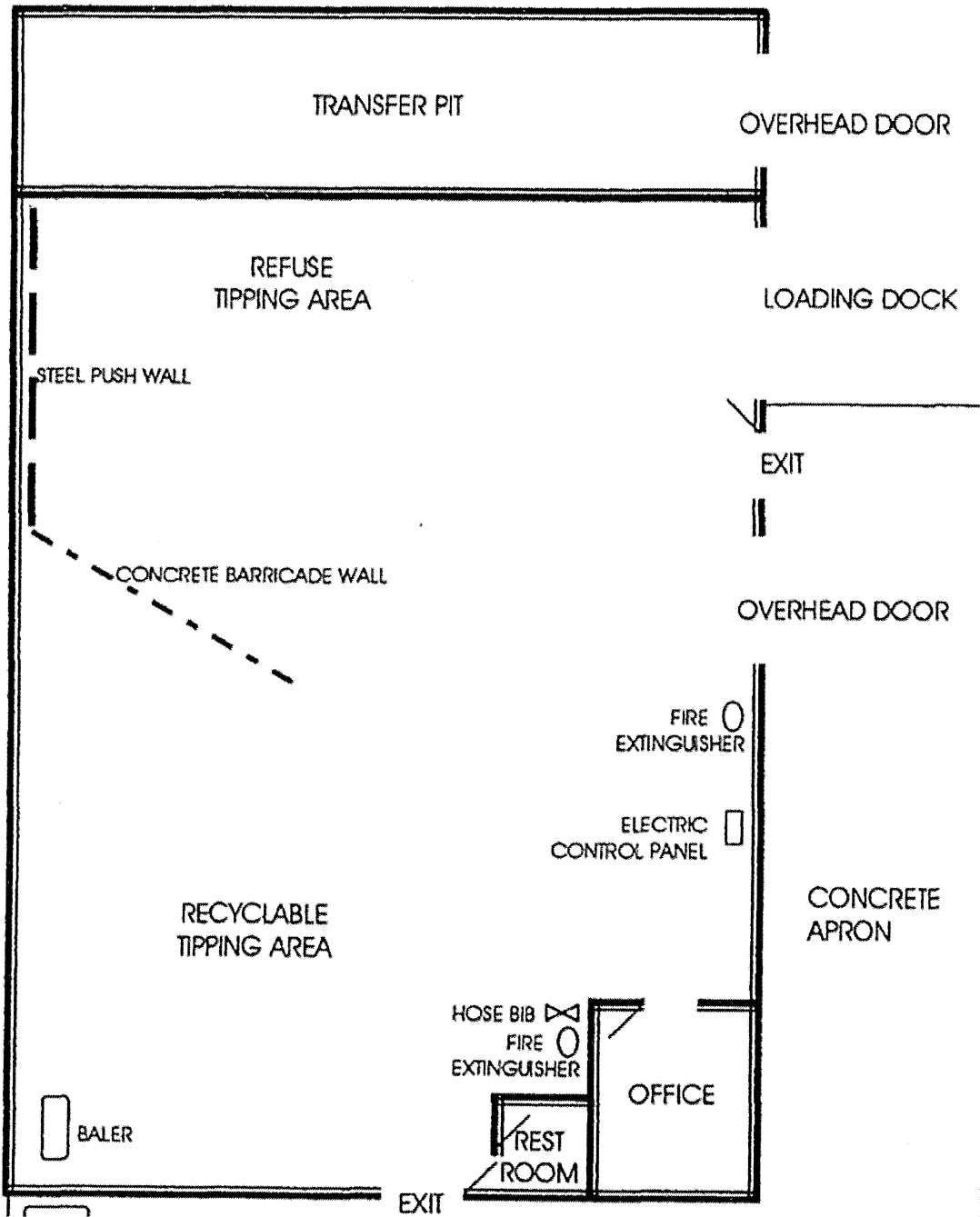
**2) Route option from the south**

- North on 332<sup>nd</sup> Ave/X49 (north/south paved county road)
- West on Vine Road which turns north and into 325<sup>th</sup> Ave
- Continue north to 2022 325<sup>th</sup> Ave

**Appendix C**

**Building Layout**





**Appendix D**

**Emergency Checklist**

## Emergency Checklist

- Does the situation require evacuation?
- Are all personnel and customers/visitors accounted for?
- Are there injuries?
  - Has first aid been administered? Do not move seriously injured individuals.
  - If necessary, call 911 for an ambulance.
- Are there conditions that require emergency assistance? If so, call 911.
- Site review:
  - Are the buildings secure?
  - Is there any danger of fire?
  - Is the fuel storage area secure?
  - Are any actions required to minimize a spill, fire, or release?
- Are there danger areas?
  - Are they cordoned off?
- Are the utilities secure?
  - Phone
  - Electric
  - Propane gas
  - Water
- Should a utility be notified?
- Has the President been notified?
- Is the transfer station secure?
- Is everything under control?
- Has the condition been photo documented?

## **Appendix E**

### **Temporary Facility Closure Procedures**

## Temporary Transfer Station Closure Procedures

### 1. Temporary Transfer Station Closure Conditions:

- **Short-term – an unscheduled closing of 48 hours or less**

During short-term conditions, customers are expected to retain their refuse.

- **Long-term – an unscheduled closing of greater than 48 hours**

During long-term conditions, customers will have the option to haul directly to the host landfill.

### 2. Short Term Temporary Transfer Station Closure Procedure

- Determine as accurately as possible when the transfer station will reopen.
- Prepare a short statement summarizing why the transfer station will be closed.
- Post a sign at the entrance stating the transfer station is closed. Provide the date and time when the transfer station will reopen. Include a phone number.
- Notify the following and provide details regarding the temporary closing and the schedule for resuming service. A list of names and phone numbers are summarized in Appendix A.
  - Regular customers
  - IDNR Field Office

### 3. Long Term Temporary Transfer Station Closure Procedure

- Determine as accurately as possible when the transfer station will reopen.
- Prepare a short statement summarizing why the transfer station will be closed.
- Post a sign at the entrance stating the transfer station is closed. Provide the date and time when the transfer station will reopen. Include a phone number.
- Notify the following and provide details regarding the temporary closing, the address and time of operation for the host landfill, and the schedule for resuming service. A list of names and phone numbers are summarized in Appendix A.
  - Host (alternate) landfill
  - Regular customers
  - IDNR Field Office

## **Appendix F**

### **Notification of Hazardous Conditions Rules**

TITLE IX  
*SPILLS AND HAZARDOUS CONDITIONS*

CHAPTER 130  
Reserved

CHAPTER 131  
NOTIFICATION OF HAZARDOUS CONDITIONS

[Prior to 7/1/83, DEQ Ch 41]

[Prior to 12/3/86, Water, Air and Waste Management[900]]

**567—131.1(455B) Definitions.** For purposes of this chapter:

*“Corrosive”* means causing or producing visible destruction or irreversible alterations in human skin tissue at the site of contact, or in the case of leakage of a hazardous substance from its packaging, causing or producing a severe destruction or erosion of other materials through chemical processes.

*“Department”* means the department of natural resources.

*“Hazardous condition”* means any situation involving the actual, imminent or probable spillage, leakage, or release of a hazardous substance onto the land, into a water of the state or into the atmosphere which, because of the quantity, strength and toxicity of the hazardous substance, its mobility in the environment and its persistence, creates an immediate or potential danger to the public health or safety or to the environment.

*“Hazardous substance”* means any substance or mixture of substances that presents a danger to the public health or safety and includes, but is not limited to, a substance that is toxic, corrosive, or flammable, or that is an irritant or that, in confinement, generates pressure through decomposition, heat, or other means. The following are examples of substances which, in sufficient quantity, may be hazardous: acids; alkalis; explosives; fertilizers; heavy metals such as chromium, arsenic, mercury, lead and cadmium; industrial chemicals; paint thinners; paints; pesticides; petroleum products; poisons; radioactive materials; sludges; and organic solvents. “Hazardous substances” may include any hazardous waste identified or listed by the administrator of the United States Environmental Protection Agency under the Solid Waste Disposal Act as amended by the Resource Conservation and Recovery Act of 1976, or any toxic pollutant listed under Section 307 of the federal Water Pollution Control Act as amended to January 1, 1977, or any hazardous substance designated under Section 311 of the federal Water Pollution Control Act as amended to January 1, 1977, or any hazardous material designated by the secretary of transportation under the Hazardous Materials Transportation Act (49 CFR §172.101).

*“Irritant”* means a substance causing or producing dangerous or intensely irritating fumes upon contact with fire or when exposed to air.

*“Toxic”* means causing or producing a dangerous physiological, anatomic or biochemical change in a biological system.

**567—131.2(455B) Report of hazardous conditions.** Any person manufacturing, storing, handling, transporting, or disposing of a hazardous substance shall notify the department at (515)281-8694 and the local police department or the office of the sheriff of the affected county of the occurrence of a hazardous condition as soon as possible but not later than six hours after the onset of the hazardous condition or discovery of the hazardous condition. A sheriff or police chief who has been notified of a hazardous condition shall immediately notify the department. Reports made pursuant to this rule shall be confirmed in writing as provided in 131.2(2).

**131.2(1) Verbal report.** The verbal report of such a hazardous condition should provide information on as many items listed in 131.2(2) as available data will allow.

**131.2(2) *Written report.*** The written report of such a hazardous condition shall be submitted to the department within 30 days and contain the following information:

- a. The exact location of the hazardous condition.
- b. The time and date of onset or discovery of the hazardous condition.
- c. The name of the material, the manufacturer's name and the volume of each material involved in the hazardous condition in addition to contaminants within the material if they by themselves could cause a hazardous condition.
- d. The medium (land, water or air) in which the hazardous condition occurred or exists.
- e. The name, address and telephone number of the party responsible for the hazardous condition.
- f. The time and date of the verbal report to the department of the hazardous condition.
- g. The weather conditions at the time of the hazardous condition onset or discovery.
- h. The name, mailing address and telephone number of the person reporting the hazardous condition.
- i. The name and telephone number of the person closest to the scene of the hazardous condition who can be contacted for further information and action.
- j. Any other information, such as the circumstances leading to the hazardous condition, visible effects and containment measures taken that may assist in proper evaluation by the department.

**131.2(3) *Reporting of subsequent findings.*** All subsequent finding and laboratory results should be reported and submitted in writing to the department as soon as they become available.

These rules are intended to implement Iowa Code section 455B.115.

[Filed 2/3/78, Notice 10/5/77—published 2/22/78, effective 3/29/78]

[Filed emergency 10/31/80—published 11/26/80, effective 10/31/80]

[Filed emergency 6/3/83—published 6/22/83, effective 7/1/83]

[Filed emergency 11/14/86—published 12/3/86, effective 12/3/86]

[Filed 12/30/93, Notice 10/13/93—published 1/19/94, effective 2/23/94]

## CHAPTER 132

### TRANSPORTATION OF RADIOACTIVE MATERIALS IN IOWA

[Prior to 7/1/83, DEQ Ch 42]

[Prior to 12/3/86, Water, Air and Waste Management[900]]

Rescinded IAB 3/20/02, effective 4/24/02



**Section J**

**SECTION J. SITE CLOSURE PLAN**

The site closure plan is addressed in the Emergency Response and Remedial Action Plan (ERRAP).

**Section K**

**SECTION K. PROOF OF FINANCIAL ASSURANCE**

Engineer's closure cost estimate and proof of financial assurance are enclosed in this section.

Bi-County Disposal Transfer Station  
 2024 Closure Cost Estimate  
 HLW PN 6042-24A.360  
 October 4, 2024

Estimated maximum storage capacity on tipping floor is 15 tons. Need to use two times tipping floor capacity in closure cost estimate. Also need to include capacity of trailers on site. There are typically two walking floor trailers on site. Capacity of each is 24 tons.

Total Capacity: (15 tons on floor \* 2) plus 2-24 ton trailers = 78 tons

Cost of disposal at Dubuque County SLF is \$40.66/ton.

Total tons	78	tons
Disposal cost	\$40.66	per ton
Trucking cost	\$800	Assumes \$200 trucking fee per load of waste (4 loads)
TOTAL COST - Disposal	\$3,971	Chapter 106.18(2)a

Assume it takes two people one 8-hour day at \$30 per hour each to clean the facility.  
 Cost includes cleaning supplies and electricity.

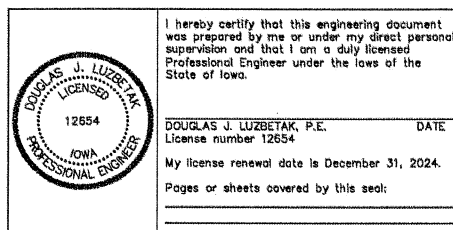
Cost	\$480	Chapter 106.18(4)b
------	-------	--------------------

Assume that the cost of water used and washwater disposal equals cost for septic tank pumping and disposal.

Cost	\$275	Chapter 106.18(4)b
------	-------	--------------------

The facility generates revenue from disposal of some of the recyclables and incurs costs for the disposal of other recyclable materials. Assume there is a load of each type of recyclable material on site at the time of closure. Based on current costs, more revenue than cost would be generated by disposal of one load of each of the the recyclable materials accepted at the site. To be consistent with the 2021 Closure Cost Estimate, and anticipating possible changes in markets, assume cost to dispose of recyclables is \$150.

Cost	\$150
<b>Total</b>	<b>\$4,876</b>



**ORIGINAL**

**SOLID WASTE  
IRREVOCABLE LETTER OF CREDIT**

Letter of Credit No.: 1269

Date: February 8, 2024

This Irrevocable Letter of Credit is being provided to Borrower, Kluesner Sanitation, LLC by Lender, MidWestOne Bank for the exclusive purpose of meeting financial assurance requirements required by the Iowa Department of Natural Resources, "DNR", as set forth in Rule 567—106.18(455B) for closure care of Kluesner Sanitation, LLC – Dyersville, IA site located at 2022 325<sup>th</sup> Avenue Dyersville, IA 52040.

Pursuant to 567 IAC 106.18(5)"d," MidWestOne Bank hereby certifies to DNR that, as the issuing institution, has the authority to issue Letters of Credit and that their operations are regulated and examined by a Federal or State Agency. The Letter of Credit in this matter is issued for a sum of up to an aggregate amount not to exceed Three Thousand Three Hundred Sixty-Seven Dollars (\$3,367.00) lawful money of the United States.

This irrevocable Letter of Credit is effective as of February 8, 2024, and shall expire on February 8, 2027. However, the said expiration date shall be automatically extended for a period of at least one year from the original expiration date or thereafter from any extended expiration date, unless at least 90 days prior to such date, MidWestOne Bank notifies Kluesner Sanitation, LLC and DNR in writing, by certified mail, that the MidWestOne Bank elects not to renew the Letter of Credit for such additional period.

Within 60 days of receipt of such notification, as evidence by the signed return receipt, Kluesner Sanitation, LLC shall provide DNR adequate proof of alternative financial assurance in accordance with Rule 567—106.18(455B). If Kluesner Sanitation, LLC does not extend the expiration date or establish alternative financial assurance within 60 days after receipt of an expiration or submit a cancellation notice by MidWestOne Bank, the issuer of the Letter of Credit shall deposit a sum equal to the full available to be drawn under the Letter of Credit into a secured trust fund established by the Borrower pursuant to 567 IAC 106.18(5)"a." The provision of funds by the issuer of the Letter of Credit shall be considered an issuance of a loan to the Borrower, and the terms of that loan shall be governed by this Letter of Credit or subsequent agreement with MidWestOne Bank. The Lender and Borrower acknowledge that each will be bound by the further requirements of 567 IAC 106.18(5)"d" in the event that proof of alternate financial assurance is not provided.

In the event that either Lender or Borrower is purchased by another entity, the subsequent entity shall assume all responsibilities under this Letter of Credit. Neither party shall take any action which may prevent it from fulfilling its responsibilities under this Letter of Credit, including, but not limited to, altering its business practices to render incapable of making payments or provide guarantees as provided for herein.

We undertake to promptly honor your sight draft(s) drawn on us, indicating our Credit No.1269 for all or part of this Credit if presented to our office on or before the expiry date or any automatically extended expiry date. The DNR may draw on this Letter of Credit in full or in part.

Except as expressly stated herein, this undertaking is not subject to any agreement, condition or qualification. The obligation of MidWestOne Bank under this Letter of Credit is the individual obligation of MidWestOne Bank and is in no way contingent upon reimbursement with respect thereto.

In witness thereof, the Lender and Borrower have executed this Letter of Credit under their respective hands and seals, this 8th day of February, 2024.

The persons whose signatures appear below hereby certify that they are authorized to execute this Letter of Credit on behalf of the Borrower and Lender.

Kluesner Sanitation, LLC  
Borrower

[Corporate Seal]

Signature: \_\_\_\_\_

Name: Craig M. Kluesner

Title: Member

MidWestOne Bank  
Lender

Signature: \_\_\_\_\_



Name: Patrick D. Hogrefe

Title: Regional President