LOUISA REGIONAL SOLID WASTE AGENCY

8313 K Ave.
WAPELLO, IA 52653
319-523-5271 (Office)
319-523-5013 (Transfer Station)
Scot Hunt, Chairman Randy Schlutz, Vice Chairman
Joellen Schantz, Transfer Station Manager
Email: secroads@louisacountyia.gov

November 10, 2026

Becky Jolly
Land Quality Bureau
Iowa Department of Natural Resources
502 East 9th Street
Des Moines, IA 50319-0034

RE: Permit Renewal Application
Louisa Regional Solid Waste Agency Transfer Station
58-SDP-02-92P-XFR

We have enclosed our Permit Renewal Application (DNR Form 50B) along with supporting documents. Changes in operation include our transition to compliance with amendments to our current permit for 100 Year Flood Plain requirementsWe have constructed new holding areas above the 100 Year Flood Plain mark for our special waste collection. Waste Collection in our regular building has not changed and we are working toward having a clean floor at the end of each business day as that area remains in the Flood Plain.

Sincerely,

Joellen Schantz
Louisa Regional Solid Waste Agency, Manager

IOWA DEPARTMENT OF NATURAL RESOURCES

SOLID WASTE TRANSFER STATION

PERMIT APPLICATION FORM 50B

☐ **New Permit**

☒ **Permit Renewal (permit number)** 58 **-SDP-** 02 **-** 92P **XFR**

SECTION 1. FACILITY CONTACT INFORMATION

Facility

Name: LOUISA REGIONAL SOLID WASTE AGENCY Phone: 319-523-5013

Address: 14048 70TH ST. City, State, Zip: WAPELLO, IA 52653

County: LOUISA

Responsible Official for the Facility

Name: SCOT HUNT, CHAIRMAN OF SOLID WASTE BOARD Phone: 563-260-3268

Address: 3641 K AVENUE Fax:

City, State, Zip: WAPELLO, IA 52653 E-mail: shunt@louisacountyia.gov

Owner of Site

Name: LOUISA REGIONAL SOLID WASTE AGENCY Phone: 319-523-5271

Address: 8313 K AVE Fax: 319-523-5272

City, State, Zip: WAPELLO, IA 52653 E-mail: secrds@louisacountyia.gov

Facility Operator

Name: JOELLEN SCHANTZ, MANAGER/SECRETARY/TREASURER Phone: 319-523-5271

Address: 8313 K AVE Fax: 319-523-5272

City, State, Zip: WAPELLO, IA 52653 E-mail: jschantz@louisacountyia.gov

Financial Assurance Engineer

Name: ADAM H. SHUTT Phone: 319-523-5271

Address: 8313 K AVENUE Fax: 319-523-5272

City, State, Zip: WAPELLO, IA 52653 E-mail: ashutt@louisacountyia.gov

Iowa Engineer License #: P19254 Expiration Date: 12/31/2026

SECTION 2. SITE INFORMATION

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

Planning Area: LOUISA REGIONAL SOLID WASTE AGENCY Date of Last Approved Plan: APRIL 2025

☒ **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) 782-7116 for instructions and requirements for completing a comprehensive plan.

Days and hours of operation of the facility: M-F 8AM-4PM, SAT 9AM-12 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: LOUISA COUNTY CITIES (EXCLUDING MORNING SUN) AND RURAL UNINCORPORATED AREAS.

Disposal Facility: MWI / QUAD CITIES LANDFILL (MILLENIUM WASTE), MILAN, IL

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

per day 22

per week 115

per year 7000

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.*):

WASTE IN UNLOADED ON TIPPING FLOOR THEN LOADED INTO TRANSPORT VEHICLE WITH END LOADER.

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 are required to be provided with each permit application. 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 (567 IAC 101.405(455B) and 567 IAC 100.5(1)"c")**

☒ **Section C. Proof of Ownership/Local Zoning Requirements (567 IAC 101.405(455B) and 567 IAC 100.5(1)"h")**

☒ **Section D. IDALS Scale Certificate (567 IAC 101.406(2)"b")**

☒ **Section E. Site Design Plan (567 IAC 101.405(1)"a")**

☒ **Section F. Site Operation Plan (567 IAC 101.405(1)"b")**

☒ **Section G. Emergency Response and Remedial Action Plan (567 IAC 101.405(455B) and 567 IAC 100.14(455B))**

☒ **Section H. Site Closure Plan (567 IAC 101.411(455B) and 567 IAC 100.10(455B,455D))**

☒ **Section I. Proof of Financial Assurance (567 IAC 100.5(1)"k" and 567 IAC 101.413(455B))**

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: Scot M. Hunt **Date:** 11-17-26

Printed Name: SCOT M. HUNT **Title:** CHAIRMAN, LOUISA REGIONAL SOLID WASTE

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 567 Iowa Administrative Code Chapter 101, Division V.

Send completed application with attached information to:

Iowa Department of Natural Resources
Land Quality Bureau
Solid Waste Section
6200 Park Ave Ste 200
Des Moines, IA 50321

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

IOWA DEPARTMENT OF NATURAL RESOURCES

SOLID WASTE TRANSFER STATION

PERMIT APPLICATION FORM 50B

☐ **New Permit**

☒ **Permit Renewal (permit number)** 58 **-SDP-** 02 **-** 92P **XFR**

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Days and hours of operation of the facility: M-F 8AM-4PM, SAT 9AM-12 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: LOUISA COUNTY CITIES (EXCLUDING MORNING SUN) AND RURAL UNINCORPORATED AREAS.

Disposal Facility: MWI / QUAD CITIES LANDFILL (MILLENIUM WASTE), MILAN, IL

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WASTE IN UNLOADED ON TIPPING FLOOR THEN LOADED INTO TRANSPORT VEHICLE WITH END LOADER.

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
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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:** _____

Printed Name: SCOT M. HUNT **Title:** CHAIRMAN, LOUISA REGIONAL SOLID WASTE

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 567 Iowa Administrative Code Chapter 101, Division V.

Send completed application with attached information to:

Iowa Department of Natural Resources
Land Quality Bureau
Solid Waste Section
6200 Park Ave Ste 200
Des Moines, IA 50321

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

EXECUTIVE SUMMARY

LOUISA REGIONAL SOLID WASTE AGENCY

PERMIT RENEWAL 2026

MODIFICATIONS AND AMENDMENTS MADE DURING THE CURRENT PERMIT CYCLE:

REFERENCE 100 YEAR FLOODPLAIN WAIVER AMENDMENT #1 AND #2 (ATTACHED) WITH SPECIAL PROVISIONS. (DOCUMENTS: 107448,107450)

OPERATION OF FACILITY:

LOUISA REGIONAL SOLID WASTE AGENCY OPERATES THE FACILITY.

LOADING AND HAULING TO MWI/QUAD CITIES LANDFILL IS DONE USING EQUIPMENT OWNED BY LOUISA REGIONAL SOLID WASTE AND OPERATED BY EMPLOYEES OF JJJ HAULING WHO WE HAVE CONTRACTED WITH TO PROVIDE THIS SERVICE. SCALE HOUSE STAFF IS EMPLOYED BY LOUISA COUNTY THROUGH A 28E AGREEMENT WITH LOUISA REGIONAL SOLID WASTE AGENCY.

JOELLEN SCHANTZ IS THE TRANSFER STATION MANAGER AND OVERSEES THE DAY-TO-DAY OPERATIONS AT THE TRANSFER STATION.

No special provisions in the permit cycle need to be revised or removed

No new amendments are needed.

No variances from the Iowa Administrative Code are needed.

ORGANIZATIONAL CHART
FOR
LOUISA REGIONAL SOLID WASTE AGENCY
TRANSFER STATION

1. **Louisa Regional Solid Waste Agency Members:**
   Wapello
   Columbus Junction
   Oakville
   Grandview
   Letts
   Fredonia
   Columbus City
   Cotter
   Rural Louisa County

2. **Chairman of Louisa Regional Solid Waste Board: Scot Hunt**

3. **Transfer Station Operator: Louisa Regional Solid Waste Agency/Joellen Schantz, Transfer Station Manager**

4. **Transfer Station Waste Hauler: Louisa Regional Solid Waste Agency/JJJ Hauling provides driver**

LOUISA COUNTY TRANSFER STATION – SITE DESIGN PLAN

106.9(1) The transfer station is not located within a 100-year floodplain.

106.9(2) One residence is located within 490 feet of the transfer station, this is screened by a fence. No educational or health care facilities are located near the transfer station.

Transfer station design standards.

106.10(1) *Transfer station building.*
A transfer station shall include a building inside which all solid waste is unloaded from solid waste collection vehicles and loaded into solid waste transport vehicles. Truck-to-truck transfer of solid waste that is not incidental solid waste transfer is not allowed outside a transfer station building. A rear-loading solid waste transport vehicle that does not have any other open access and securely abuts the transfer station building so that minimal amounts of solid waste escape during loading shall qualify as being inside the building. The transfer station building shall meet the following requirements:
a. All surfaces that come into contact with solid waste shall be enclosed by concrete and metal walls and a metal roof satisfactory to:
(1) Minimize dust and litter exiting the building.
(2) Keep precipitation out of the building.
(3) Closing door prevents the attraction or harboring of vectors.
b. All surfaces that come in contact with solid waste or washwater are concrete or metal..
c. The transfer station building shall have a drainage system that maintains a separation between stormwater and washwater.
d. The transfer station building has a collection system that directs washwater to a low area in the building that may be absorbed by drier material. Excess accumulations of washwater may be pumped to a transfer tank for disposal at the City of Wapello sanitary waste treatment facility.
e. Each area where unloaded solid waste is stored during nonoperating hours is clearly marked and includes a fire detection system.
f. Solid waste is not stored in a surge pit
g. A sprinkler system is not applicable.
h. Each area where salvaged materials are stored is clearly marked with signage.
i. The transfer station building has adequate indoor and outdoor lighting that minimizes the difference in lighting when entering or exiting the building.
j. The transfer station building has doors at each entrance and exit.

106.10(2) The Louisa County Transfer Station shall:
a. Provide a perimeter chainlink fence, with lockable gate(s) that are secured during non-operating hours..
b. Use a scale certified by the Iowa department of agriculture and land stewardship.
c. Provide adequate queuing distance for vehicles entering and exiting the property such that lines of vehicles will not extend onto public streets during peak hours, Louisa County Board of Supervisors will allow vehicles to extend into the local street should that become necessary.
d. Signs are provided indicating safe and proper on-site traffic patterns.
e. A sign is posted at the primary entrance to the facility specifying:
(1) Name and permit number of facility.
(2) Operating hours.
(3) Materials that are accepted and a sign is posted with the statement "All materials must have prior approval."
(4) Telephone number of emergency contact person(s).

Temporary solid waste storage at transfer stations.
106.12(1) *Areas permitted for storage.*
Solid waste shall be stored at the transfer station in the following manner:
a. Inside a transfer station building in a clearly marked designated area.
c. Inside a secure solid waste transport vehicle, protected from precipitation and vectors.

106.12(2) *Storage time requirements.*
Solid waste shall be stored no longer than the following periods of time, unless shorter storage times are required by the department or local government authority to prevent a nuisance or public health hazard:
a. Inside a transfer station building without a surge pit or similar operational structure for not more than 48 hours, excluding Sundays and national holidays.
b. Inside a transfer station building in a surge pit for not more than seven days, including Sundays and national holidays.
c. Inside a solid waste transport vehicle designated to travel only via roadway for not more than 48 hours, excluding Sundays and national holidays.
d. Inside a solid waste transport vehicle designated to travel via rail or navigable waterway, including intermodal container systems, for not more than seven days, including Sundays and national holidays.

Solid waste transport vehicle construction and maintenance requirements.
106.15(1) The portion of a solid waste transport vehicle that contains solid waste shall be designed to prevent the accidental discharge of its contents, the attraction or harborage of vectors, and infiltration of precipitation. This design shall include a suitable cover that is not easily torn, shredded, broken, or otherwise breached under normal use.

106.15(2) Any solid waste transport vehicle that fails to meet the requirements of this rule shall be repaired before it is utilized in the transport or storage of solid waste.

106.15(3) All solid waste transport vehicles shall be cleaned at intervals frequent enough to prevent a nuisance or vector attraction.

106.15(4) Wastewater generated from the cleaning of the areas of the solid waste transport vehicles that hold solid waste shall be considered washwater and shall be managed accordingly.

PLANS AND SPECIFICATIONS
APPURTENANT TO
PERMIT FOR SANITARY DISPOSAL PROJECT
NO. 58-SDP-02-92P
DATED 12-2-11
IOWA DEPARTMENT OF
NATURAL RESOURCES
ENVIRONMENTAL SERVICES DIVISION
By

LOUISA COUNTY TRANSFER STATION – SITE OPERATION PLAN

A transfer station shall perform its operations in a manner that complies with the following requirements that will control the day to day operation of the Louisa County Transfer Station, the plan may be modified should situations change or as experience dictates:

106.11(1) Site access shall be controlled and limited to a time when a transfer station operator who has met the following training requirements is on duty:
a. Has read, understands, and is able to implement the plan of operations pursuant to 106.8(1)*"k."*
b. Has read, understands, and is able to implement the emergency response and remedial action plan pursuant to 106.8(1)*"m."*
c. Is able to visually recognize universal symbols and markings, and indications of unacceptable materials pursuant to subrule 106.11(4).

All vehicles entering the Transfer Station must be tarped or covered. As the vehicle comes onto the weigh scale the operator must made a number of determinations:
If the customer is a cash or charge customer, if cash taxable or non-taxable.
Operation must determine the source of the load; look for out of county plates.
The load must be rejected if the load comes from outside of the service area.
The operator shall log all rejected loads.
Vehicles with appliances and or tires will be instructed to deposit those items in designated areas and will be charged according to rates set by the Louisa County Solid Waste Commission.

106.11(2) Solid waste shall be accepted only from generators within the designated service area.

The vehicle will be directed to off-load on the tipping floor, the equipment operator on the floor will observe the off loading and assist if necessary. The equipment operator will make certain that tires, appliances or unacceptable are not off loaded at the garbage pile. The vehicle may then proceed to the weigh scale to provide a tare weight for billing purposes.

106.11(3) All unloading, handling, processing, screening, open storage, loading, and similar activities or processes involving solid waste shall be performed inside the transfer station building. Truck-to-truck transfer of solid waste that is not incidental solid waste transfer is not allowed outside a transfer station building. A rear-loading solid waste transport vehicle that does not have any other open access and securely abuts the transfer station building so that minimal amounts of solid waste escape during loading shall qualify as being inside the building. Salvaged materials that do not attract or harbor vectors may be stored outside the building in clearly marked designated areas.

106.11(4) All solid waste accepted by the transfer station shall, at a minimum, be visually inspected by personnel capable of identifying hot loads and hazardous, infectious, radioactive, and other wastes not acceptable for disposal in a sanitary landfill.

106.11(5) Transfer station operators shall segregate and manage unacceptable wastes and hot loads in accordance with applicable laws, and in a manner as safe and responsible as practical.

Drivers of vehicles with Household Hazardous Waste (HHW), used motor oil, or lead-acid batteries will provide an inventory of items and then be instructed by the operator for delivery to the appropriate site.

In the event that a load arrives at the Louisa Transfer Station on fire, all efforts will be made to fight the fire outside and away from the buildings and other solid wastes. The scale operator will immediately call 911. The equipment operators will assist with the efforts of the fire fighters as necessary. Procedures spelled out in the ERRAP will be implemented as necessary.

106.11(6) Transfer station operators shall be allowed to salvage materials. Scavenging shall not be allowed.

106.11(7) The operation of the facility shall be carried out in a manner that attempts to minimize litter, dust, odor, noise, vibration, and the attraction or harborage of vectors.

106.11(8) The transfer station building shall be maintained at a level of cleanliness necessary to prevent a nuisance or public health hazard.

106.11(9) On-site litter shall be maintained at a level of cleanliness necessary to prevent a nuisance or public health hazard. Off-site litter shall be collected daily.

106.11(10) The exterior of all buildings shall be maintained in a reasonable aesthetic condition, and that prevents the attraction or harborage of vectors, so as not to create a nuisance or public health hazard.

106.11(11) The washwater management systems shall not be allowed to overflow and shall be inspected monthly and maintained in proper operating condition.

The transfer station building has a collection system that directs washwater to a low area in the building that may be absorbed by drier material. Excess accumulations of washwater may be pumped to a transfer tank for disposal at the City of Wapello sanitary waste treatment facility.

106.11(12) Any breach of a surface that prevents washwater from entering the ground and groundwater shall be repaired within 24 hours to make that surface impervious to liquids. If such repairs cannot be made within 24 hours, the facility shall not allow solid waste or washwater to come into contact with the breached area until repairs are complete. If the facility cannot prevent solid waste or washwater from coming into contact with the breached area, the department may require the facility to shut down until repairs are completed.

106.11(13) Adequate provisions shall be made for the routine operational maintenance of the facility.

Temporary solid waste storage at transfer stations.
106.12(1) *Areas permitted for storage.*
Solid waste shall be stored at the transfer station in the following manner:
a. Inside a transfer station building in a clearly marked designated area.
c. Inside a secure solid waste transport vehicle, protected from precipitation and vectors.

106.12(2) *Storage time requirements.*
Solid waste shall be stored no longer than the following periods of time, unless shorter storage times are required by the department or local government authority to prevent a nuisance or public health hazard:
a. Inside a transfer station building without a surge pit or similar operational structure for not more than 48 hours, excluding Sundays and national holidays.

b. Inside a transfer station building in a surge pit for not more than seven days, including Sundays and national holidays.
c. Inside a solid waste transport vehicle designated to travel only via roadway for not more than 48 hours, excluding Sundays and national holidays.
d. Inside a solid waste transport vehicle designated to travel via rail or navigable waterway, including intermodal container systems, for not more than seven days, including Sundays and national holidays.

Transfer station record-keeping requirements.
106.13(1) A transfer station shall maintain a copy of the following documents:
a. Current permit(s), on site.
b. Plan of operation, on site.
c. Emergency response and remedial action plan, on site.
d. Proof of financial assurance, on file.

106.13(2) A transfer station shall maintain records of the following information for a period of three calendar years:
a. Tons of all solid waste disposed of quarterly.
b. Destination of all outgoing solid waste.
c. Washwater management system inspection log.
d. Hot loads and hazardous, infectious, radioactive, or other unacceptable wastes found.
e. Training received by transfer station operator(s) pursuant to 106.11(1).

Transfer station reporting requirements.
106.14(1) A transfer station shall report the following information, on a form provided by the department, to the department and local solid waste authority on a quarterly basis:
a. Tons of solid waste disposed of.
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. Destinations of all outgoing solid waste.

106.14(2) A transfer station shall be inspected annually by an Iowa-licensed professional engineer (P.E.). The inspection shall, at a minimum, cover the design standards pursuant to 106.10. The inspection report shall reflect the facility's compliance with respect to the department-approved design and construction. The annual report shall be submitted to the department and department field office with jurisdiction over the facility by the first workday in November each year.

Solid waste transport vehicle construction and maintenance requirements.
106.15(1) The portion of a solid waste transport vehicle that contains solid waste shall be designed to prevent the accidental discharge of its contents, the attraction or harborage of vectors, and infiltration of precipitation. This design shall include a suitable cover that is not easily torn, shredded, broken, or otherwise breached under normal use.

106.15(2) Any solid waste transport vehicle that fails to meet the requirements of this rule shall be repaired before it is utilized in the transport or storage of solid waste.

106.15(3) All solid waste transport vehicles shall be cleaned at intervals frequent enough to prevent a nuisance or vector attraction.

106.15(4) Wastewater generated from the cleaning of the areas of the solid waste transport vehicles that hold solid waste shall be considered washwater and shall be managed accordingly.

Solid waste transport vehicle operation requirements.
106.16(1) A solid waste transport vehicle's openings shall be securely closed before transport and during solid waste storage so as to prevent the loss of solid waste.

106.16(2) A solid waste transport vehicle shall be loaded with solid waste inside a transfer station building and in a manner that minimizes the spilling of materials. Truck-to-truck transfer of solid waste that is not incidental solid waste transfer is not allowed outside a transfer station building. Solid waste spilled from a solid waste transport vehicle during loading shall be collected as often as necessary to minimize litter, dust, or other fugitive debris.

106.16(3) If solid waste is spilled from a solid waste transport vehicle during transport that is not on transfer station property, the spilled solid waste shall be collected as soon as possible. The transfer station shall immediately report the spill to the department and the department field office with jurisdiction over the transfer station and spill location

PLANS AND SPECIFICATIONS
APPURTENANT TO
PERMIT FOR SANITARY DISPOSAL PROJECT
NO. 58-SDP-02-92P-XFR
DATED 12-2-11
IOWA DEPARTMENT OF
NATURAL RESOURCES
ENVIRONMENTAL SERVICES DIVISION
By

EMERGENCY RESPONSE AND REMEDIAL ACTION PLAN

PURPOSE. The purpose of this document is to implement Iowa Code section 455.B306(6)"d" by providing a detailed Emergency Response and Remedial Action Plan (ERRAP) for permitted sanitary disposal projects of the Louisa Regional Solid Waste Agency located in Louisa County, Iowa.

UPDATE. This ERRAP is an updated version of the August 2014 plan submitted by the Louisa Regional Solid Waste Agency.

CONTENT. The content of this ERRAP document is a concise, readily usable reference manual for facility managers and operators during emergency conditions. The ERRAP's content addresses the following primary issues in detail, unless project conditions render the specific issue as not applicable. The rationales for exclusion of any issue areas that are determined not to be applicable are provided in the body of the plan. Additional emergency response and remedial action plan requirements unique to the facility are addressed as applicable.

a. FACILITY INFORMATION

(1) PERMITTED AGENCY: Louisa Regional Solid Waste Agency

(2) DNR PERMIT NUMBER: 58-SDP-02-92

(3) FACILITY DESCRIPTION: The solid waste transfer station is a facility operated by Louisa Regional Solid Waste Agency. The property consists of a scale, scale house and a large building used as the transfer station. In this building, solid waste is off-loaded by patrons and then transferred to semi tractor trailers for transport to a facility in Milan, IL. These trucks usually make daily runs removing the solid waste. Under normal operations, all regulated solid waste is removed from the facility within 48 hours. Metal is separated from the solid waste for recycling. This metal is collected outside and located a short distance from the transfer station. Hazardous waste is not allowed or off-loaded at this site. A chain link fence encloses the property.

(4) RESPONSIBLE OFFICIALS: Chairman: Brad Quigley, (phone: 563-272-8815) email: backyardbuildings@ymail.com and Vice Chair: Jeff Vonnahme, email: cjmain@iowatelecom.net

(5) SITE AND ENVIRONS MAP: The transfer station is located to the Southwest of the city of Wapello and outside it's city limits in the NE Section 33-T74N-R3W. The address is 14048 70th St., Wapello, IA. The latitude/longitude coordinates are: 41.169, -91.198. The site plan map (Attachment 1) provides the location of the Transfer Station.

b. REGULATORY REQUIREMENTS

(1) IOWA CODE: This plan is written to conform to Iowa Code 455B.306(6)d which states that an emergency response and remedial action plan including established provisions to minimize the possibility of fire, explosion, or any release to air, land or water of pollutants that could threaten human health and the environment, and the identification of possible occurrences that may endanger human health and environment. This requirement is made for all sanitary disposal projects in the state of Iowa.

(2) PERMIT PROVISIONS: As required by applicable state law, administrative rule or regulation, this plan will be reviewed/updated as required. This living document is intended to serve as a response plan in the event of an emergency at the Louisa County Transfer Station. As future risks are identified or current risks eliminated, this plan will reflect such changes.

c. EMERGENCY CONDITIONS:

(1) UTILITIES FAILURE: In the event of utilities failure, the appropriate utility company would be notified either by telephone (if not effected) or by mobile phone. If electricity is involved, operations may need to be modified because the scale used to weigh the vehicles and solid waste is an electronic scale. If load out procedures are unaffected by the loss of electricity, i.e. natural light utilized, vehicles will be directed to Farmers Elevator in Wapello for weighing.

1 SHORT-TERM UTILITY FAILURE: Short-term utilities failure for the purpose of this plan is defined as one that is 48 hours or less in duration. It is anticipated that if a short-term utility failure is experienced, it will be the determination of senior transfer station employees as to whether operations will continue under modified conditions or if the transfer station will temporarily close and re-open upon restoration of utilities. Portable generators could be used to re-establish electricity to power the scale/scale house operations and operate doors and lighting in the transfer building.

2 LONG-TERM UTILITY FAILURE: Long-term utility failure for the purpose of this plan is defined as one that is over 48 hours in duration. If a major event such as a tornado or damaging straight-line wind or large explosion would occur and would affect operations of the transfer station, officials from Louisa Regional Solid Waste Agency and employees of the transfer station would determine the course of action for continuity of operation. It would be imperative

that operations commence as soon as possible due to the increased waste generated from the event.

(2) WEATHER RELATED EVENTS: Use battery operated radios/televisions to receive the most updated information on local conditions. Use NOAA weather radio if available.

1 TORNADO: During a TORNADO WATCH, be aware of changing weather conditions. A tornado watch means conditions are right or favorable for the forming of a tornado. Use this time to gather emergency supplies (portable radio, flash light, and batteries for each) and review procedures. Work will continue, but individuals will monitor the weather by watching the sky and listening to the radio. If a weather radio is on site, it will be turned on to receive official weather information. If a funnel cloud is spotted, contact 911 and take shelter immediately in the designated area. Procedures for a TORNADO WARNING are as follows: Take shelter with a portable radio or television. The designated shelter is the concrete tornado shelter located at the scale house. Continue monitoring the radio until the tornado warning has expired. Severe weather sirens in Wapello should activate during a tornado warning. This is another method to monitor changing conditions from a tornado watch to a tornado warning. After the tornado passes, get out of the building, take accountability of persons who were at the facility at the time (employees, patrons, contractors etc.) and render first aid to the injured and call 911 for emergency services (fire, law enforcement or medical) as appropriate. Do not re-enter buildings that have been damaged until an assessment can be made to ensure that the building is safe to re-enter or occupy. If the smell of propane or natural gas is detected, open a window, get out, shut off the main valve if possible and notify the utility company by mobile phone or from a telephone away from the transfer station.

2 WIND STORMS: Severe winds could cause similar damage as that of a tornado. Severe weather sirens in Wapello should activate during a severe wind event. Outdoor sirens will activate if winds reach or exceed 70 mph. Response procedures would be the same as described for a tornado (see 3.2.1 above).

3 INTENSE RAINSTORMS and EROSION: Operations at the transfer station are conducted in buildings so little effect by intense rainstorms is anticipated. Lighting usually accompanies thunderstorms (see 3.2.4 below for guidance). Erosion at the facility is not an issue as the majority of the ground on the facility around the transfer station is covered by cement.

4 LIGHTNING STRIKES: If a lightning strike occurs at the transfer station, fire could result. After taking accountability of facility employees and anyone else at the facility at the time, a damage assessment of the scale, scale house and transfer building will be conducted. As lightning strikes can cause fires, during the damage assessment, personnel should use their senses (sight, smell, hearing,

touch) to help determine is there is a possibility of a fire. If a fire is suspected or detected, call 911. If utilities fail, the appropriate utility company will be notified by the fastest means.

5 FLOODING:

Flood Damage Prevention Procedures

- All special waste (appliances, recycling, used tires, electronics, batteries, scrap metal and used oil) will be stored above the 100 Year Flood Elevation
- Tipping Floor will be cleaned at the end of each business day and waste stored in mobile trailer

6 EVENT AND POST-EVENT CONDITIONS: Safety and protection of life is of most importance before, during, and after an event. Established safety procedures including monitoring, use of designated warning devices, evacuation to designated safe areas, accountability of personnel, and damage assessments before operations are reestablished, will be conducted.

(3) FIRE AND EXPLOSIONS:

1 Basic Fire Safety

- Site will comply with local and state fire codes – including the placement and maintenance of fire extinguishers, smoke detectors, etc.
- Keep exit routes clear and well marked.
- If cigarette, cigar and/or pipe smoking is allowed indoors, make sure ashes are completely extinguished before they are disposed. Never leave hot ashes or burning tobacco products unattended. Before leaving the office, make sure all tobacco products are thoroughly extinguished.
- Avoid using extension cords wherever possible, especially small-wired cords used with high-wattage appliances.
- Extension cords should not be run under rugs or hooked over nails.
- If a fuse blows (or a breaker "trips"), find the cause. Remove excess appliances (lamps, stereo components, space heaters, etc.) from a breaker circuit that frequently "trips".
- Stay out of damaged buildings.

- Return to the facility only when local fire authorities say it is safe.

2 WASTE MATERIALS: For fire in vehicles, see Section (3)8 Hot Loads

3 BUILDINGS & SITE:

SMALL LOCAL FIRE – BUILDING OR OFFICE

- Caution: A small-localized fire can engulf a room in less than 60 seconds.
- Act quickly. Smoke can be very dangerous
- Use a fire extinguisher to extinguish the flame. A fire extinguisher rated as an ABC type is the most versatile extinguisher as it can be used on most common fires, including things that leave an ash, flammable liquids and also on electrical fires.
- When using a fire extinguisher, remember: P.A.S.S., PULL the retaining pin, AIM the hose at the base of the fire, SQUEEZE the handle and use a SWEEP motion back and forth across the base of the fire.
- Remove nearby flammable materials such as paper, rags, etc.
- Evacuate all unnecessary personnel – go to the Emergency Assembly Location.

OUT OF CONTROL FIRE – BUILDING OR OFFICE

- Get out of the building. Familiarize yourself with at least two exits from each room; for example; one window and one door.
- Go to the Emergency Assembly Location
- Call 911 from a mobile phone or from a neighbor's phone.
- Never go back inside a building for any reason.

4 EQUIPMENT

ENGINE FIRES

- Immediately turn off the ignition to shut down the fuel pump and the flow of fuel.

- Putting out an engine fire safely and efficiently takes two people. One holds the fire extinguisher and the other opens the hood. The fire will flare up as the fresh air hits it. Immediately spray the fire extinguisher across the base of the flames until the fire is out.

- It is important to get the hood open fast. If the fire burns through the hood release cable before you get the hood open, there will be no way to get to the fire.

- Do not try to put out an engine fire by spraying the extinguisher through the radiator or through the wheel wells, this method will not work and will waste time and the fire extinguisher contents. Get at the base of the flames.

5 FUELS

GENERAL SAFETY

- Vapors from fuels can be more flammable than liquids, always use caution when filling vehicles or containers

- Equipment shall be refueled only at designated locations.

- In case of spillage, filler caps shall be replaced and spillage disposed of before engines are started.

- Engines shall be stopped and operations shall not be on the equipment during refueling operations.

- Only designated persons shall conduct fueling operations.

- Smoking and open flames shall be prohibited in areas used for fueling, fuel storage, or enclosed storage of equipment containing fuel.

- Liquid fuels not handled by pump shall be handled and transported only in portable containers or equivalent means designed for that purpose. Portable containers shall be plastic, have tight closures

with screw or spring covers and shall be equipped with spouts or other means to allowing pouring without spilling. Leaking containers shall not be used.

FIRE EVENT

- If possible, turn off the pump or the nozzle distributing flammable liquid.
- Evacuate the area, assemble at Emergency Assembly Area, and call 911.

6 UTILITIES

ELECTRICAL:
SMALL LOCALIZED FIRES

- Use a fire extinguisher rated CLASS C: Energized Electrical Equipment including Wiring, Fuse Boxes, Circuit Breakers, Machinery, and Appliances.
- Caution: A small-localized fire can engulf a room in less than 60 seconds.
- Act quickly.
- Remove nearby flammable materials such as paper, drapes, rugs, rags, etc.
- Evacuate all unnecessary personnel and instruct them to go to the Emergency Assembly location**.**

FOR LARGER UNCONTROLLED FIRES:

- Get out of the building.
- Go to Emergency Assembly Location
- Call 911

7 FACILITIES. See Section 106.19(2)c(3)2 Buildings and Site. There are no additional facilities that have not been previously covered.

8 WORKING AREA. Transfer station fires can be started by several causes: spontaneous combustion, careless smoking, methane flash, and arson.

- Understand and be aware of warning signs.
- Always report any visible smoke or steam.
- If in doubt about a possible fire or signs of fires, call 911.

9 HOT LOADS

SMOLDERING OR IGNITED FIRES – IN A VEHICLE

- "Hot Loads" are loads of waste or vehicles that are smoking, smoldering, or are on fire. "Hot Loads" may arrive at the facility without the driver aware of the risk.
- Do not dump hot loads on top of exposed waste of any kind.
- Do not stop a truck on fire or containing a hot load near a building.
- Quickly alert the driver and direct the truck toward a safe area.
- Call 911.
- Stay out of the "zone of danger," which is the cone-shaped area directly behind a vehicle with the gas tank located in the usual position at the back. If a gas tank explodes, it sends a tremendous blast out from the rear of the vehicle. This can be lethal for 50 to 100 feet behind the vehicle.

10 WASTE GASES: Waste gases do not accumulate at the facility as the waste is not stored or processed at this location and that the waste is transported in a timely manner to another facility.

11 EVACUATION: In the event that an evacuation is required for any reason at the transfer station, individuals will be notified by the on site person in charge. This facility itself does not have an alarm system in place. Personnel will be directed to go to a designated assembly point at that time. The assembly point will be an appropriate distance from and

upwind to the transfer station. (See Attachment A for evacuation routes). Accountability of all personnel evacuated will be accomplished at the assembly point. Anyone evacuated from the site will not be allowed to re-enter the vulnerability zone until declared safe by the person-in-charge. If fire or law enforcement personnel are at the scene at the time of the evacuation, the incident commander will make the decision to re-enter the evacuated area when it is determined safe.

(4) REGULATED WASTE SPILLS AND RELEASES:

1 DEFINITIONS:

REGULATED WASTE – generally includes non-hazardous material such as leachate, municipal solid waste, and petroleum contaminated soils.

SPILL – involves liquids or solids that are deposited accidentally on the facility's property in an incorrect location but remain within the facility's property boundary. Spills include quantities of 100 gallons or less, to two tons or less.

RELEASE – may involve spills of 100 gallons and greater or solids greater than two tons that enter lagoons, sedimentation ponds, drainage ways, etc. but stay on-site.

OFF-SITE RELEASE – is any spill or release that leaves the facility's property boundary. This could include groundwater releases or run off.

2 WASTE MATERIALS: Waste materials are materials normally accepted at the transfer station. Waste materials are also regulated wastes.
On-site Spill or Release – Use caution and remove the waste, placing it in an acceptable location.

Off-site Spill or Release – If waste materials are identified beyond the property and/or waste materials are observed to be is a waterway, see Section 106.19(2)c(4)8.

3 WASHWATER: Not applicable at this facility.

4 WASTE GASES: Although all employees need to know the risks, the chance of a methane explosion is minimized as the facility does not keep waste to build up for extended time and the facility has adequate ventilation. Methane gas is a by-product of waste decomposition and can be explosive in specific concentrations. Methane gas is colorless and odorless; odor is emanated from other gases mixed with the methane.

- Methane gas can migrate and accumulate in enclosed buildings, under scales, crawl spaces and other confined spaces.

5 STOCKPILES &STORAGE FACILITIES. This facility does not have any waste stockpiles or waste storage facilities.

6 WASTE TRANSPORT SYSTEMS. The transfer station will load received waste into transfer trailers to be transported to permitted facilities for final disposal.

7 LITTER AND AIRBORNE PARTICULATE. Litter and airborne particulates will be controlled according to the sanitary disposal project permit.

8 SITE DRAINAGE SYSTEMS. If regulated wastes enter drainage systems, use caution to remove the waste.

9 OFF-SITE RELEASES - Waste materials involved in off-site releases will be identified, collected to the extent possible and returned to the transfer station. Waste management personnel from Hewitt Sanitation and patrons responsible for the off-site release would be utilized for the collection of the released material. Leachate spills in lagoons, drainage or tanker/transport systems do not apply to this plan. Off-site releases can be minimized by tarping/covering exposed material prior to transport or by placing waste material is sealed/closed waste transport vehicles or containers.

(5) HAZARDOUS MATERIALS SPILLS AND RELEASES: Not Applicable. Hazardous materials are not allowed at this site.

1 LOAD-CHECK CONTROL POINTS: Load check points ensure that hazardous materials are not bought on site. Rules regarding acceptable and non-acceptable waste are posted at the entrance of the facility to give patrons notice. If a load of mixed waste is detected, the load will not be accepted until transfer site employees are satisfied that only regulated waste is on the load. Fuels are not allowed to be dumped at the transfer facility. Waste gases and site drainage system management does not apply to this facility.

2 MIXED WASTE DELIVERIES – See Section 106.19(2)c(5)1 above.

3 FUELS – Fuels and oils that are spilled can be absorbed with specific material designed for this purpose – they are often called “snakes”, “booms”, or “pillows”. These materials, after use, are moved stored in drums until suitable transport to an off-site disposal location can be arranged.

IF A FUEL /OIL SPILL OCCURS:

- Stop the material if possible.

- Do not smoke.
- Do not pass vehicles over the spilled material, as these could be a spark/ignition source hazard.
- If possible, contain the spill.

4 WASTE GASES Not applicable

5 SITE DRAINAGE SYSTEMS – Not applicable

6 OFF-SITE RELEASES: Waste materials involved in off-site releases will be identified, collected to the extent possible and returned to the transfer station. Waste management personnel from Hewitt Sanitation and patrons responsible for the off-site release would be utilized for the collection of the released material. Off-site releases can be minimized by tarping/covering exposed material prior to transport or by placing waste material is sealed/closed waste transport vehicles or containers.

(6) MASS MOVEMENT OF LAND AND WASTE:

1 EARTHQUAKE: In the event of an earthquake, damage assessment of the transfer station will be conducted jointly with personnel from Hewitt and from the Louisa Regional Solid Waste Agency. Waste release, if applicable, will be collected and returned to the transfer station (if not effected by the earthquake). Repairs will be made to the extent possible at the facility and operations will resume as soon as possible. If the transfer station is affected by an earthquake, the chances are good that other parts of Louisa County would also be affected. Debris management would be scrutinized during this time, as hazardous material may be inter-mixed in loads during cleanup and recovery phases of a disaster. Additional resources would be required in dealing with the huge amounts of debris. Resources could include; bring in portable scales, loading equipment, transportation assets and even additional off-site location may be required. Additional resources may be acquired by using mutual aid agreements and by initiating the Iowa Mutual Aid Compact in which Louisa County is a signatory.

2 SLOPE FAILURE: Not Applicable.

3 WASTE SHIFTS: Not Applicable

4 WASTE SUBSIDENCE: Not Applicable..

(7) EMERGENCY AND RELEASE NOTIFICATIONS AND REPORTING:
Federal/State/County agencies, news media, public/private facilities with special

populations within five miles, emergency response agencies with contact information are contained within the body of the plan or appropriate Attachment.

1 FEDERAL AGENCIES. See Attachment 2 for Emergency Contacts.

2 STATE AGENCIES. See Attachment 2 for Emergency Contacts.

3 COUNTY AND CITY AGENCIES. See Attachment 2 for Emergency Contacts.

4 NEWS MEDIA. See Attachment 2 for Emergency Contacts.

5 PUBLIC AND PRIVATE FACILITIES WITHIN FIVE MILES. See Attachment 3 At Risk Population List

6 EMERGENCY RESPONSE AGENCIES AND CONTACT INFORMATION. See Attachment 2 for Emergency Contacts.

7 REPORTING REQUIREMENTS AND FORMS. Emergency reporting requirements and forms will be provided as needed by the federal, state and local authorities.

(8) EMERGENCY WASTE MANAGEMENT PROCEDURES.

1 COMMUNICATIONS

The following systems of communication may be used in an emergency:

- A telephone is available at the scale house.
- Cellular telephones are not provided by the facility; however, personal cellular telephones may be available.
- Honking horns can be used to indicate an emergency.
- Personal communications can also be used to communicate an emergency situation.

2 TEMPORARY DISCONTINUATION OF SERVICES: These procedures may differ from normal waste management procedures in that timely decisions may need to be made under emergency situations. In the event of temporary discontinuation of service, personnel from LRSWA and transfer station employees would discuss options.

3 FACILITIES ACCESS AND REROUTING: Examples might include: if access was denied to the facility due to fallen or blown debris, vehicles containing waste may need to be routed so access could be gained by either entering the facility from another direction or by traveling over the open field opposite the transfer station

-

4 WASTE ACCEPTANCE: Waste acceptance procedures during an emergency may also require the need for adjusted/waived regulations during the time of the emergency. Emergency waste management procedures will conform to the day-to-day operating procedures as much as possible to ensure continuity of operations of the facility and compliance with established rules and regulations. As soon as possible after the emergency, normal operations will begin.

5 WASTE IN PROCESS:

- During an emergency, safety to human life is a priority.
- Wastes being tipped, processed, or handled must be left in place until the threat to human life is greatly reduced.
- If an emergency does not threaten human life, the senior operator will decide how best to manage wastes in process depending on the emergency circumstances.

(9) PRIMARY EMERGENCY EQUIPMENT INVENTORY:

The following emergency supplies should be readily available

- Flashlight with extra batteries or electric lantern with batteries.
- Portable, battery operated radio.
- Air horn.
- First-aid kit
- Wrench/tool for emergency natural gas valve shut-off.
- Fire extinguishers

1 MAJOR EQUIPMENT. One large end loader is on-site for the day-to-day operation to the transfer station. Fire extinguishers are on hand in the scale house and transfer building.

2 FIRE HYDRANTS AND WATER SOURCES. The nearest fire hydrant is located to the NE, approximately 1 block away on Locust Street.

3 OFF-SITE EQUIPMENT RESOURCES: Equipment is owned by Hewitt Sanitation, Morning Sun, IA.

(10) EMERGENCY AID: In case medical aid is required that is beyond the skills of employees or the capabilities of the first-aid kit, call 911 to have EMS dispatched to the site.

1 RESPONDER CONTACTS: By calling 911, all primary responder agencies listed below can be dispatched by Louisa County Sheriff Department.

Louisa County Sheriff Department
Wapello Fire Department
Wapello Ambulance

These additional resources could be dispatched as requested by the Louisa County Sheriff Department:

Louisa County Ambulance
Morning Sun Ambulance
Air Care, U of I Hospitals and Clinics
Med Force Air Ambulance, Southeast Iowa Medical Center, West Burlington
Columbus Junction Fire Department
Oakville Fire Department
Morning Sun Fire Department
Grandview Fire Department
Muscatine HAZMAT Team

Auto aid and mutual aid agreements may be utilized, depending on the scope of the emergency.

2 MEDICAL SERVICES

HOSPITALS:

Southeast Iowa Medical Center, 1221 Gear Ave., West Burlington, IA

Driving Directions: Head northeast on 70th toward K Ave, turn left on K Ave, Turn right on Locust St, Turn right on US61, Turn righ on Flint Bottom Rd, Turn left on N Gear Ave, Turn left on W Mt Pleasant St, Turn right onto S Gear Ave, Turn right on 406th St/W Agency Rd, Turn left into hospital lot.
Approximate Driving Time: 30 minutes

University of Iowa Hospitals and Clinics, 200 Hawkins Drive, Iowa City, IA

Driving Directions: Head northeast on 70th to K Ave, Turn left on K Ave, Turn left on Co Rd G62, Turn left on G62/X37, Continue on G62, Turn right on G62/W66, Turn right on US218N, Take exit 89 Riverside Dr/Airport, Continue on old hwy 218, continue on S Riverside Drr, Turn left on Grand Ave, At traffic circle, take the 1st exit onto S Grand Ave, Turn left, Turn Right, Turn Left, Destination on right.
Approximate driving time: 50 minutes

3 CONTRACTS AND AGREEMENTS: Mutual aid and Iowa Mutual Aid Compact documents are on file at appropriate agencies.

(11) ERRAP TRAINING REQUIREMENTS: Employees will review this ERRAP at least yearly to ensure this plan is current.

1 TRAINING PROVIDERS. Louisa Regional Solid Waste Agency will provide the training to existing or newly hired employees.

2 EMPLOYEE ORIENTATION. New employees will read this document during their orientation to the facility.

3 ANNUAL TRAINING UPDATES. An annual review of this ERRAP with all employees will be conducted once each year.

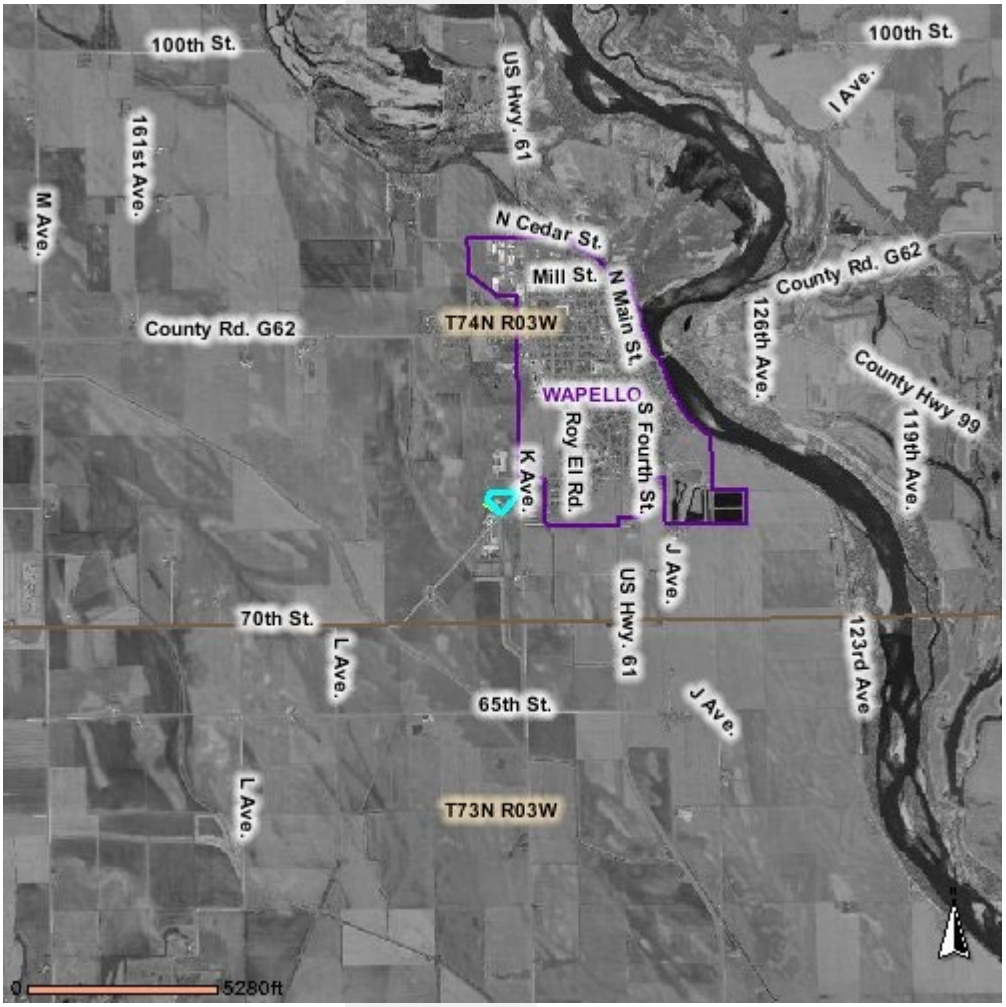
4 TRAINING COMPLETION AND RECORD KEEPING. Records of training conducted shall be maintained for each employee.

PLAN APPROVAL: This plan was written for, reviewed and approved by the Louisa Regional Solid Waste Agency.

_____ Date: _____

Brad Quigley
Louisa Regional Waste Agency
Chairperson

ATTACHMENT 1: Site Plan Maps



Louisa County, IA

beacon™

Date Created: 9/26/2007
Map Scale: 1in=355ft

Measure Results

Length: 0.00 ft 0.00 mi **Area:** 0.00 ft² 0.00 mi² 0.00 ac English Clear





Parcel ID	0833292000	**Class**	I - INDUSTRIAL	**Owner Name**	LOUISA COUNTY SOLID WASTE (D)
Sec/Twp/Rng	33-74-3	**Acreage**	0.00	**Owner Address**	LOUISA COUNTY SOLID WASTE PO BOX 186 WAPELLO, IA 52653
Property Address					

District WT WP - WAPELLO TWP/WAPELLO SCH
Brief Tax Description L1 & N76.52' L2 S.D. SE NE & PARCEL 'A' SE NE & SVYD TR SE PT SE NE INCL ABD R.R. ROW
(Note: Not to be used on legal documents)

Last Data Upload: 9/26/2007 5:42:41 AM

Attachment 2 - Emergency Contact List

Fire:	911
Law Enforcement:	911
Ambulance:	911

Hospitals:

Southeast Iowa Medical Center	319-768-1000
U of Iowa Hospitals & Clinics	800-777-8442 or 319-356-1616

Transfer Station Management:

Louisa Regional Solid Waste	
Brad Quigley, Chairperson	563-272-8815
Joellen Schantz, Transfer Station Manager	563-271-7487

Louisa County Emergency Management Agency:

Brian Hall, Coordinator	319-750-1128
Louisa County Secondary Roads	319-523-5271

Media:

WHBF – (channel 4 tv)	800-798-5024
KWQC-(channel 6 tv)	563-383-7000
WQAD – (channel 8 tv)	309-764-8888
WLLR – (radio) Quad Cities	563-344-7000
KBUR-KGRS-KBKB am (radio) Burlington	319-752-2701
KWPC-KWCC-MAC fm (radio) Muscatine	563-263-2442

Attachment C – Emergency Contacts List continued

State of Iowa numbers:

Water Quality Bureau	515-281-5029
Land Quality & Waste Management Assistance Division	515-242-5851
Environmental Protection Division	515-281-8694
IDNR Field Office # 6 (Washington, IA)	319-653-2135
IDNR spill response (24 hour)	515-281-8694
Iowa Emergency Management Division	515-725-3231
US EPA Region # 7	800-223-0425 or 913-281-0991

Engineer of Record:

Adam H. Shutt, Louisa County Engineer	319-523-5271

Attachment 3: At Risk Population (list)

At risk populations within 5-mile radius of transfer station

Play Time Day Care and Pre-School
505 Hwy 61 S.
319-523-5437

Solid Rock Church
14041 Locust St
319-523-5320

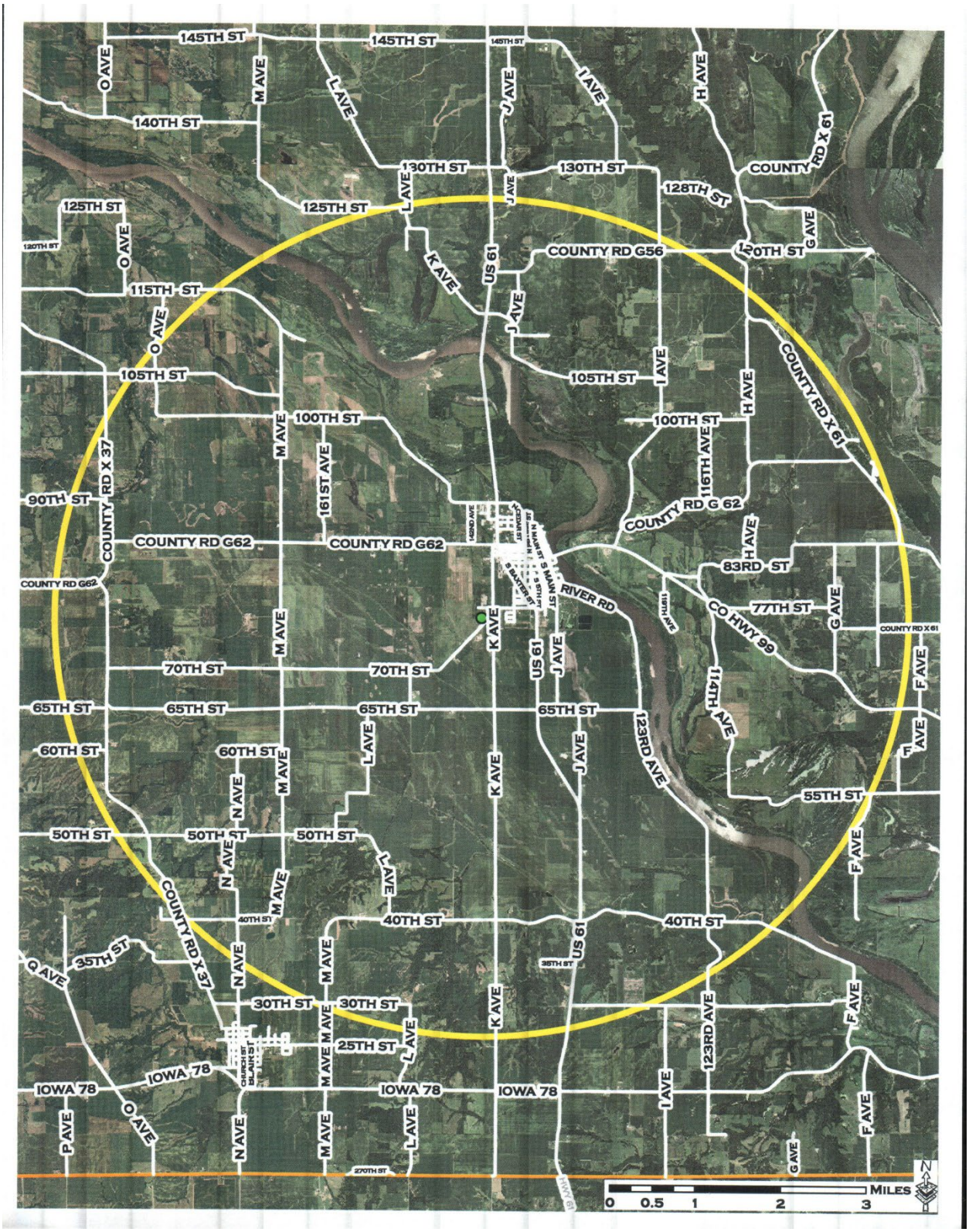
Wapello Elementary School
405 W. Cedar Street
319-523-5571

Wapello High School
501 Buchanan
319-523-3241

Wapello Specialty Care
601 Hwy 61 S.
319-523-2001

Spencer Industries
7777 K Ave
319-523-6000

Wapello Congregate Meals
319-523-8455


145TH ST
140TH ST
130TH ST
125TH ST
120TH ST
115TH ST
105TH ST
100TH ST
90TH ST
83RD ST
77TH ST
70TH ST
65TH ST
60TH ST
55TH ST
50TH ST
40TH ST
35TH ST
30TH ST
25TH ST
270TH ST
O AVE
M AVE
L AVE
J AVE
I AVE
H AVE
G AVE
F AVE
K AVE
N AVE
P AVE
Q AVE
US 61
IOWA 78
COUNTY RD X 61
COUNTY RD G56
COUNTY RD G 62
COUNTY RD X 37
COUNTY RD G62
161ST AVE
116TH AVE
114TH AVE
123RD AVE
RIVER RD
CO HWY 99
MAIN ST
BLAIR ST
MILES
0 0.5 1 2 3

ATTACHMENT 4
IDNR GUIDELINES FOR REPORTING HAZARDOUS CONDITIONS
INCLUDING IOWA ADMINISTRATIVE CODE CHAPTER 131
"NOTIFICATION OF HAZARDOUS CONDITIONS"

• **Compliance & Enforcement Bureau**
Iowa Department of Natural Resources
24 - Hour Emergency Response Phone Number: 515/281-8694

You should report a spill now if:

• The hazardous substance has the potential to leave the property by flowing over the surface or through sewers, tile lines, culverts, drains, utility lines, or some other conduit.
• The hazardous substance has the potential to reach any surface water or groundwater.
• The hazardous substance can be detected in the air at the boundaries of the facility property by the senses (sight and smell) or by monitoring equipment.
• There is a potential threat to the public health and safety.
• Local officials respond to the incident.
• The release exceeds a Federal Reportable Quantity (RQ).

It is recommended that all spills be cleaned up although a particular spill may not be reportable. A series of small spills over the years can result in one big cleanup!
Department rules stress the immediate or potential danger that a spill may cause.
In general, Iowa reporting requirements are more stringent than Federal reporting requirements. However, the time limit for reporting at the Federal level is more immediate.
If you need to report a spill, or have any questions about the need to report,
• call (515) 281-8694 or contact our Emergency Response Unit.

CHAPTER 131
NOTIFICATION OF HAZARDOUS CONDITIONS
[Prior to 7/1/83, DEQ Ch41]
[Prior to 12/3/86, Water, Air and Waste Management[900]]
567-131.1(4558) 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, insufficient 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 §172.1 01).

"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.

567-131.1(4558) 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 4558.115.

Written Reports: Written reports should include the DNR spill number and be addressed to the duty officer responding to the spill. Reports can be sent via mail, fax, or electronic mail at the following:

Iowa DNR
Emergency Response Unit
502 E. 9th Street
Des Moines, IA 50319-0034

Fax 515-281-7229

Email: Emergency_Response.asd.DesMoines@iowa.gov

IOWA DEPARTMENT OF NATURAL RESOURCES
TRANSFER STATION (XFR) PERMIT INSPECTION FORM

Permit No.: -SDP- - P-XFR	**County:**
Facility Name: **Phone Number:**	**Facility Address:**
Responsible Official: **Phone Number:** **Person(s) Present:** **1)** **2)** **3)**	**Mailing Address:**
Date of This Inspection:	**Date of Last Inspection:**

		IAC 567 Chapter 106.9: Transfer Station Siting & Location Requirements	Yes	No	NA
Siting Requirements	106.9(1)	Is the transfer station building located within the 100-year floodplain?	☐	☐	☐
	106.9(1)	If yes, are there structures to prevent floodwater inundation from a 100-year flood of any area that comes into contact with solid waste or washwater?	☐	☐	☐
	106.9(2)	Is the transfer station building within 500 feet of an educational facility, healthcare facility, or permanent residence?	☐	☐	☐
	106.9(2)	If yes, did construction of the educational facility, or healthcare facility, or permanent residence begin before the permit application was received by the Department?	☐	☐	☐
	106.9(2)	If yes, does the transfer station utilize screening to minimize noise and visibility of operations? *(Note: Screening shall utilize natural components to the maximum extent possible)*	☐	☐	☐

Comments:

		IAC 567 Chapter 106.10(1): Transfer Station Design Standards	Yes	No	NA
Transfer Station Design	106.10(1)	Is the transfer station building sufficient to allow all solid waste to be unloaded from collection vehicles and loaded into transport vehicles indoors? *(Note: Rear-loading solid waste transport vehicles that have no other opening and that securely abut the building so that minimal amounts of solid waste escape qualify as being inside the building)*	☐	☐	☐
	106.10(1)"*a*"	Is the building sufficient to minimize dust and litter exiting the building?	☐	☐	☐
	106.10(1)"*a*"	Is the building sufficient to keep out precipitation?	☐	☐	☐
	106.10(1)"*a*"	Is the building sufficient to prevent the attraction or harboring of vectors?	☐	☐	☐
	106.10(1)"*b*"	Are all surfaces that come in contact with solid waste or washwater impervious to liquids?	☐	☐	☐
	106.10(1)"*c*"	Does the transfer station building have a drainage system that maintains a separation between stormwater and washwater?	☐	☐	☐

Comments:

Transfer Station Design	IAC 567 Chapter 106.10(1): Transfer Station Design Standards (Cont'd)		Yes	No	NA
	106.10(1)"*d*"	Does the transfer station building have a washwater collection system that directs washwater to a storage tank for later disposal, a sanitary sewer system, or equivalent as approved by the Department?	☐	☐	☐
	106.10(1)"*d*"	If a storage tank(s) is used, does it have a high-level indicator or gauge?	☐	☐	☐
	106.10(1)"*e*"	Does the transfer station store solid waste during non-operating hours?	☐	☐	☐
	106.10(1)"*e*"	If yes, is the solid waste storage area clearly marked?	☐	☐	☐
	106.10(1)"*e*"	If yes, does the solid waste storage area have a fire detection system?	☐	☐	☐
	106.10(1)"*f*"	Does the transfer station building have a surge pit to handle large volumes of incoming waste? *(Note: Surge pits are typically found in large transfer stations where a large number of trucks can overload the tipping floor. Surge pits provide more space for temporary storage during peak operating hours and may also allow for additional compaction of the solid waste before it is loaded into transport vehicles)*	☐	☐	☐
	106.10(1)"*f*"	If yes, does the transfer station building have an effective odor control mechanism? *(i.e. mist systems and air filters)*	☐	☐	☐
	106.10(1)"*g*"	If yes, does the transfer station building have a sprinkler system installed over the area where solid waste is stored?	☐	☐	☐
	106.10(1)"*h*"	If the transfer station salvages materials, are the salvage storage areas clearly marked? *(Note: Salvaged materials that do not attract or harbor vectors may be stored outside the building in clearly marked designated areas.)*	☐	☐	☐
	106.10(1)"*i*"	Is there sufficient indoor and outdoor lighting to minimize the difference in lighting when entering or exiting the building?	☐	☐	☐
	106.10(1)"*j*"	Does the transfer station building have doors at each entrance and exit?	☐	☐	☐

Comments:

Transfer Station Design	IAC 567 Chapter 106.10(2): Other Transfer Station Design Standards		Yes	No	NA
	106.10(2)"*a*"	Does the transfer station have a secure perimeter fence w/lockable gate(s)?	☐	☐	☐
	106.10(2)"*b*"	Does the transfer station use an IDALS certified scale? *(Note: The scale does not have to be onsite)*	☐	☐	☐
	106.10(2)"*c*"	Does the transfer station have adequate queuing distance for vehicles entering and exiting such that lines do not extend onto public streets?	☐	☐	☐
	106.10(2)"*c*"	If no, does the transfer station have approval from the local government authority for lines to back-up onto public streets?	☐	☐	☐
	106.10(2)"*d*"	Does the transfer station have signs or pavement markings indicating safe and proper on-site traffic patterns?	☐	☐	☐

	106.10(2)"*e*"	Is there a sign at the primary entrance specifying: 1) Facility name and permit number, 2) Operating hours, 3) Materials accepted or stating "All materials must have prior approval", 4) Telephone number of emergency contact person(s)?	☐ ☐ ☐ ☐	☐ ☐ ☐ ☐	☐

Comments:

Transfer Station Operating Requirements	**IAC 567 Chapter 106.11: Transfer Station Operating Requirements**		**Yes**	**No**	**NA**
	106.11(1)	Is site access controlled and limited to a time when a transfer station operator is on duty.	☐	☐	☐
	106.11(1)"*a*"	If yes, is the site operator on duty able to read, understand and implement the Site Operation Plan?	☐	☐	☐
	106.11(1)"*b*"	If yes, is the site operator on duty able to read, understand and implement the Emergency Response and Remedial Action Plan (ERRAP)?	☐	☐	☐
	106.11(1)"*c*"	If yes, is the site operator on duty able to visually recognize universal symbols, markings, and indications of unacceptable materials? *(e.g. hot loads, hazardous, infectious and radioactive wastes)*	☐	☐	☐
	106.11(1)"*d*"	Is the transfer station permitted for 20,000 tons or more per year of solid waste?	☐	☐	☐
	106.11(1)"*d*"	If yes, is the site operator on duty certified by a training program approved by the Department? *(e.g. Solid Waste Association of North America's Transfer Station Systems Training and Certification Course)*	☐	☐	☐
	106.11(2)	Is solid waste only being accepted from generators within the designated service area?	☐	☐	☐
	106.11(3)	Are all unloading, handling, processing, screening, open storage, loading, and similar activities or processes involving solid waste being performed inside the transfer station building? *(Note: Truck—to-truck transfer of solid waste that is not incidental solid waste transfer is not allowed outside a transfer station building. A rear-loading solid waste transport vehicle that does not have any other open access and securely abuts the transfer station building so that minimal amounts of solid waste escape during loading shall qualify as being inside the building. Salvaged materials that do not attract or harbor vectors may be stored outside of the building in clearly marked, designated areas.)*	☐	☐	☐
	106.11(4)	Is the solid waste being at least visually screened by personnel capable of identifying hot loads and hazardous, infectious, radioactive, and other wastes not suitable for disposal in a sanitary landfill?	☐	☐	☐
	106.11(5)	Are transfer station operators segregating and managing unacceptable wastes and hot loads in accordance with applicable laws and in a manner as safe and responsible as practical?	☐	☐	☐
	106.11(6)	Is salvaging only being performed by transfer station operators? *(Note: Scavenging shall not be allowed.)*	☐	☐	☐
	106.11(7)	Is the operation of the facility being carried out in a manner that attempts to minimize litter, dust, odor, noise, vibration, and the attraction or harborage of vectors?	☐	☐	☐
	106.11(8)	Is the transfer station building being maintained at a level of cleanliness necessary to prevent a nuisance or public health hazard?	☐	☐	☐

	106.11(9)	Is on-site litter being maintained at a level of cleanliness to prevent a nuisance or public health hazard? *(Note: Off-site litter shall be collected daily.)*	☐	☐	☐
	106.11(10)	Is the exterior of all buildings being maintained in a reasonable aesthetic condition that prevents the attraction or harborage of vectors, so as not to create a nuisance or public health hazard?	☐	☐	☐
	106.11(11)	Is the washwater management system being inspected monthly and maintained in proper operating condition to prevent overflowing?	☐	☐	☐
	106.11(12)	Are all surfaces that prevent washwater from entering the ground and groundwater impervious?	☐	☐	☐
	106.11(12)	If no, was the breach noted above fixed within 24 hours, or has the facility prevented any solid waste or washwater from coming into contact with the breached area until repaired?	☐	☐	☐
	106.11(13)	Has the transfer station made adequate provisions for routine operational maintenance of the facility?	☐	☐	☐

Comments:_____

Temporary Solid Waste Storage	**IAC 567 Chapter 106.12: Temporary Solid Waste Storage at Transfer Stations**		**Yes**	**No**	**NA**
	106.12(1)	If solid waste is stored at the transfer station, is it stored: 1) Inside the transfer station in a clearly marked, designated area; or 2) Inside the transfer station building in a surge pit; or 3) Inside a secure solid waste transport vehicle, protected from precipitation and vectors?	☐ ☐ ☐	☐ ☐ ☐	☐
	106.12(2)"*a*"	If solid waste is being stored inside the transfer station in a designated area that is not a surge pit or similar operational structure, is it being stored for not more than 48 hours, excluding Sundays and national holidays?	☐	☐	☐
	106.12(2)"*b*"	If solid waste is being stored inside the transfer station building in a surge pit, is it being stored for not more than seven days, including Sundays and national holidays?	☐	☐	☐
	106.12(2)"*c*"	If solid waste is being stored in a transport vehicle designated to travel only via roadway, is it being stored for not more than 48 hours, excluding Sundays and national holidays?	☐	☐	☐
	106.12(2)"*d*"	If solid waste is being stored in a transport vehicle designated to travel via rail or navigable waterway, including intermodal container systems, is it being stored for not more than seven days, including Sundays and national holidays?	☐	☐	☐

Comments:

Record-	**IAC 567 Chapter 106.13: Transfer Station Record-Keeping Requirements**		**Yes**	**No**	**NA**
	106.13(1)"*a*"	Is a copy of the current permit(s) on site?	☐	☐	☐
	106.13(1)"*b*"	Is a copy of the current Site Operation Plan onsite?	☐	☐	☐
	106.13(1)"*c*"	Is a copy of the current Emergency Response and Remedial Action Plan (ERRAP) onsite?	☐	☐	☐

	106.13(1)"*d*"	Is proof of current financial assurance on file?	☐	☐	☐
	106.13(2)"*a*"	Are three years of records being maintained by the transfer station with regard to the tons of all solid waste disposed of quarterly?	☐	☐	☐
	106.13(2)"*b*"	Are three years of records being maintained by the transfer station with regard to the destination of all outgoing solid waste?	☐	☐	☐
	106.13(2)"*c*"	Are three years of records being maintained by the transfer station with regard to the washwater management system inspection log?	☐	☐	☐
	106.13(2)"*d*"	Are three years of records being maintained by the transfer station with regard to hot loads and hazardous, infectious, radioactive, or other unacceptable wastes found?	☐	☐	☐
	106.13(2)"*e*"	Are three years of records being maintained by the transfer station with regard to training received by transfer station operator(s) pursuant to 106.11(1).?	☐	☐	☐

Comments:

	IAC 567 Chapter 106.14: Transfer Station Reporting Requirements		Yes	No	NA
Reporting Requirements	106.14(1)	Is the transfer station submitting quarterly tonnage reports to the Department that include: 1) Tons of solid waste disposed of; 2) Comprehensive planning area from which the solid waste originated, and the tons of solid waste from each county and comprehensive planning area; and 3) Destinations of all outgoing solid waste?	☐ ☐ ☐	☐ ☐ ☐	☐
	106.14(2)	Is the transfer station being inspected annually by an Iowa-licensed professional engineer for compliance with IAC 567 Chapter 106.10 and submitting said annual inspection report to the Department and Field Office by the first workday in November each year?	☐	☐	☐

Comments:

	IAC 567 Chapter 106.15: Transport Vehicle Construction & Maintenance		Yes	No	NA
Transport Vehicles	106.15(1)	Is the portion of the solid waste transport vehicle(s) that contains solid waste sufficient to: 1) Prevent the accidental discharge of its contents; 2) Prevent the attraction or harborage of vectors; and 3) Prevent the infiltration of precipitation? *(Note: Any solid waste transport vehicle that fails to meet the requirements of IAC 567 Chapter 106.15 shall be repaired before it is utilized in the transport or storage of solid waste.)*	☐ ☐ ☐	☐ ☐ ☐	☐
	106.15(1)	If the solid waste transport vehicle(s) has an open-top, does it have a suitable cover that is not easily torn, shredded, broken, or otherwise breached under normal use?	☐	☐	☐
	106.15(3)	Is the transport vehicle(s) being cleaned at intervals frequent enough to prevent a nuisance or vector attraction?	☐	☐	☐

	106.15(4)	Is wastewater generated from any cleaning of the areas of the solid waste transport vehicle(s) that hold solid waste being managed as washwater?	☐	☐	☐

Comments:

	IAC 567 Chapter 106.16: Solid Waste Transport Vehicle Operation Requirements		Yes	No	NA
Transport Vehicle Operation	**106.16(1)**	Are the solid waste transport vehicle's openings securely closed before transport and during solid waste storage so as to prevent the loss of solid waste?	☐	☐	☐
	106.16(2)	Is solid waste being loaded into the solid waste transport vehicle inside the transfer station building and in a manner that minimizes the spilling of materials? *(Note: Truck—to-truck transfer of solid waste that is not incidental solid waste transfer is not allowed outside a transfer station building. A rear-loading solid waste transport vehicle that does not have any other open access and securely abuts the transfer station building so that minimal amounts of solid waste escape during loading shall qualify as being inside the building.)*	☐	☐	☐
	106.16(2)	If solid waste is spilled from a solid waste transport vehicle during loading, is it collected as often as necessary to minimize litter, dust, or other fugitive debris?	☐	☐	☐
	106.16(3)	If solid waste was spilled from a solid waste transport vehicle not on transfer station property, was the solid waste collected as soon as possible and was the spill immediately reported to the Department and the Field Office with jurisdiction?	☐	☐	☐

Comments:

Other Materials Accepted/Activities On-Site			
Recyclables Drop-Off	☐	Appliance Demanufacturing	☐
Lead Acid Batteries	☐	Electronics Demanufacturing	☐
Used Oil	☐	Yard Waste Collection	☐
Antifreeze	☐	Yard Waste Composting	☐
Tires	☐	HHM/RCC	☐
Brown Goods Collection	☐	Other:	
Cathode Ray Tube Collection	☐		
White Goods Collection	☐		
Scrap Metal Salvaging	☐		

**Be advised your facility may require, due to either SIC code or onsite management practices, an NPDES General Permit #1 (Stormwater permit).*

Summary of Requirements:	Compliance Date
1)	
2)	

3)	
4)	
5)	

Summary of Reminders:
1)
2)
3)
4)
5)

Summary of Recommendations:
1)
2)
3)
4)
5)

Inspector:_____ **Date:_____**	**Reviewer:_____** **Date:_____**

Facility Photographs (if applicable)

IOWA DEPARTMENT OF NATURAL RESOURCES

GOVERNOR KIM REYNOLDS
LT. GOVERNOR ADAM GREGG
DIRECTOR KAYLA LYON

August 10, 2023

BRAD QUIGLEY
CHAIRMAN OF THE BOARD
LOUISA REGIONAL SOLID WASTE AGENCY
11488 128TH STREET
WAPELLO IA 52653

Re: Louisa County Transfer Station
Permit #58-SDP-02-92P-XFR
Amendment #2 – 100yr. Floodplain Waiver Implementation Extension

Dear Mr. Quigley:

Enclosed is Amendment #2 to the transfer station permit issued on December 12, 2020, which requires the Louisa County Regional Solid Waste Agency to fully implement the storage of recyclable materials (e.g., appliances, electronics, recycling, batteries, scrap metal and used oil) and to modify cleaning protocols and material storage time frames no later than December 12, 2023 (previously July 1, 2023).

These measures are in accordance with the waiver granted December 20, 2022 (Doc #104709), excluding the open top roll-off container requirement, as expressed within the attached email correspondence. These agreed upon operational changes are in lieu of required site modifications (e.g., construct a berm or flood wall) to prevent floodwater inundation from a 100-year flood of any area that comes into contact with solid waste or washwater at the transfer station.

This amendment must be kept on file at the facility. Please review this amendment with your operators, as they must be familiar with it. Please also ensure to include this amendment within the Executive Summary submitted in conjunction with the facility's next permit renewal.

Thank you for your efforts to comply with Iowa's environmental regulations. Should you have any questions, please contact me at (515) 201-8272 or Chad.Stobbe@dnr.iowa.gov.

Sincerely,

Digitally signed by Chad A. Stobbe
Date: 2023.08.10 15:40:15 -05'00'

Chad A. Stobbe
Environmental Specialist Senior
Land Quality Bureau

Enclosures (3)

cc: Iowa DNR Field Office #6, Washington

IOWA DEPARTMENT OF NATURAL RESOURCES

SOLID WASTE TRANSFER STATION PERMIT

I.	Permit Number:	58-SDP-02-92P-XFR
II.	Permitted Agency:	Louisa Regional Solid Waste Agency
III.	Project Location:	Louisa County Transfer Station 14048 70th Street Wapello, IA 52653 Parcel ID: 0833292000
	Phone:	(319) 523-5013
IV.	Responsible Official	
	Name:	Brad Quigley, Chairman of the Board
	Address:	Louisa Regional Solid Waste Agency 11488 128th Street Wapello, IA 52653
	Phone:	(319) 523-5271
	Email:	bquigley@louisaco-ia.org
V.	Licensed Engineer	
	Name:	Larry J. Roehl, P.E.
	Address:	Louisa County Engineer 8313 K Avenue Wapello, IA 52653
	Phone:	(319) 523-5271
	Email:	lroehl.locoe@louisacomm.net
	Iowa License #:	P13211
VI.	Date Permit Issued:	December 12, 2020
	Amendment #1 Date:	December 20, 2022
	Amendment #2 Date:	August 10, 2023
VII.	Permit Expiration Date:	December 12, 2023
VIII.	Issued by:	Digitally signed by Chad A. Stobbe Date: 2023.08.10 15:41:04 -05'00' Chad A. Stobbe Department of Natural Resources

IX. General Provisions

The above-named permitted agency is hereby authorized to operate a solid waste transfer station (XFR) at the described location in conformance with Iowa Code section 455B, the rules pursuant thereto existing at the time of issuance, and any subsequent new rules which may be duly adopted, and any provisions contained in Section X of this permit.

The project shall be constructed and operated according to the engineering plans and specifications, the site operation plan approved by the Department of Natural Resources (DNR), and these shall become a part of this permit. Updated plans shall be submitted at the time of each permit renewal application and included with any request for permit modification or significant change in facility operation.

No legal or financial responsibility arising from the construction or operation of the approved project shall attach to the State of Iowa or the DNR due to the issuance of this permit. If title to this project is transferred, the new owner must apply to the DNR for a transfer of this permit within thirty (30) days of the date of title transfer. This permit is void sixty (60) days after the date of title transfer unless the DNR has transferred the permit.

The permit holder is required to maintain records for the service area of tonnages accepted at this facility in accordance with 567 Iowa Administrative Code (IAC) 106.13(455B,455D) and 567 IAC 106.14(455B,455D). Records shall be developed and maintained in such a way that tonnages from each county/state may be tracked in order to provide the local solid waste agency and the DNR with accurate statistics from which generation and diversion rates will be derived. The reports are due on a quarterly basis and shall be submitted to the DNR using Form #542-8025. The reports will be due January 1st, April 1st, July 1st and October 1st for the quarters ending September 30th, December 31st, March 31st and June 30th, respectively. The permit holder shall mail the completed form to the Iowa Department of Natural Resources; Land Quality Bureau; Wallace State Office Building; 502 East Ninth Street; Des Moines; Iowa 50319-0034. This reporting procedure supersedes any previous conflicting permit provisions.

A site inspection and report shall be completed annually by an Iowa-licensed professional engineer in accordance with 567 IAC 106.14(2). The inspection shall, at a minimum, cover the design standards pursuant to 567 IAC 106.10(455B) and shall reflect the facility's compliance with respect to the DNR-approved design and construction. The annual report shall be submitted to the Iowa Department of Natural Resources; Land Quality Bureau; Wallace State Office Building; 502 East Ninth Street; Des Moines; Iowa 50319-0034 by November 1st each year.

The permit holder shall provide continuous financial assurance coverage for site closure in accordance with 567 IAC 106.18(455B). The permit holder shall submit proof of compliance, including an updated closure cost estimate and proof of coverage with each permit renewal, until released from this requirement by the DNR.

The permit holder shall use a scale certified by the Iowa Department of Agriculture and Land Stewardship (IDALS) for the purposes of weighing and reporting solid wastes accepted at the transfer station. If conditions are such that make it impractical to provide an on-site scale, then off-site scale facilities or an alternative method to weighing may be used if approved by the DNR. The permit holder shall comply with the waste weighing, record keeping and tonnage fee reporting requirements defined in 567 IAC 101.14(445B,455D).

Solid waste accepted at this site shall not exhibit free liquids, toxic or hazardous properties. No hazardous wastes as defined by Iowa Code section 455B.411 may be accepted at this facility.

Failure to comply with Iowa Code section 455B, or any rule of order promulgated pursuant thereto, or any or all provisions of this permit may result in: 1) a civil penalty of up to $5,000 for each day of violation, pursuant to Iowa Code section 455B.307, or 2) the suspension or revocation of this permit, pursuant to Iowa Code section 455B.305.

The issuance of this permit in no way relieves the applicant of the responsibility for complying with all other local, state, and federal statutes, ordinances, and rules or other requirements applicable to the establishment and operation of this solid waste transfer station.

X. Special Provisions

1. The permit holder is authorized to accept up to 6,000 tons of municipal solid waste annually in accordance with the approved Louisa Regional Solid Waste Agency's Solid Waste Comprehensive Plan (Plan). The Plan as approved by the DNR on May 15, 2020, any approved amendments to the Plan, and the latest Plan update are hereby incorporated as permit documents.

   The permitted service area is described as: All cities, excluding Morning Sun, and the unincorporated area in Louisa County.

   Collected waste shall be disposed of at the Quad Cities Sanitary Landfill (Millennium Waste) in Milan, IL. The permit holder is not authorized to transfer any solid waste to any other sanitary disposal project in Iowa without first receiving DNR approval.

2. No provision in this permit or the updated and approved site operation plan, emergency response and remedial action plan, and closure plan, as described in the permit renewal application dated August 17, 2020 (Doc #98279), constitutes a waiver or variance from 567 IAC Chapter 106 or the Code of Iowa. Any conflict between a provision of the permit or referenced documents and Iowa rules or statutes shall be resolved in favor of the duly adopted rules and statutes.

3. The permit holder shall fully implement the storage of recyclable materials (e.g., appliances, electronics, recycling, batteries, scrap metal and used oil) and to modify cleaning protocols and material storage time frames no later than December 12, 2023. These measures are in accordance with the waiver granted December 1, 2022 (Doc #104709), excluding the open top roll-off container requirement.

The agreed upon operational changes are in lieu of required site modifications (e.g., construct a berm or flood wall) to prevent floodwater inundation from a 100-year flood of any area that comes into contact with solid waste or washwater at the transfer station. Please submit documentation to the DNR prior to the deadline documenting the implementation of these site modifications (include photos).

Pursuant to 561—10.19(17A,455A), if the alternative means of compliance provided in the granted waiver fail to achieve regulatory objectives, or the permit holder fails to comply with the conditions of the granted waiver and this permit, the DNR may require installation of a berm or flood wall to prevent floodwater inundation from a 100-year flood event in accordance with 567 IAC 106.9(1).

IOWA DEPARTMENT OF NATURAL RESOURCES

GOVERNOR KIM REYNOLDS
LT. GOVERNOR ADAM GREGG
DIRECTOR KAYLA LYON

December 20, 2022

BRAD QUIGLEY
CHAIRMAN OF THE BOARD
LOUISA REGIONAL SOLID WASTE AGENCY
11488 128TH STREET
WAPELLO IA 52653

Re: Louisa County Transfer Station
Permit #58-SDP-02-92P-XFR
Amendment #1 – 100yr. Floodplain Waiver Implementation

Dear Mr. Quigley:

Enclosed is Amendment #1 to the transfer station permit issued on December 12, 2022, which requires the Louisa County Regional Solid Waste Agency to fully implement containerized storage of recycling materials and modify cleaning protocols and material storage time frames no later than July 1, 2023, in accordance with the waiver granted on December 1, 2022 (Doc #104709). These agreed upon operational changes are in lieu of required site modifications (e.g., construct a berm or flood wall) to prevent floodwater inundation from a 100-year flood of any area that comes into contact with solid waste or washwater at the transfer station.

This amendment must be kept on file at the facility. Please review this amendment with your operators, as they must be familiar with it. Please also ensure to include this amendment within the Executive Summary submitted in conjunction with the facility's next permit renewal.

Thank you for your efforts to comply with Iowa's environmental regulations. Should you have any questions, please contact me at (515) 201-8272 or Chad.Stobbe@dnr.iowa.gov.

Sincerely,

Digitally signed by Chad A. Stobbe
Date: 2022.12.20 15:04:57 -06'00'

Chad A. Stobbe
Environmental Specialist Senior
Land Quality Bureau

Enclosures (3)

cc: Iowa DNR Field Office #6, Washington

August 10, 2023

BRAD QUIGLEY
CHAIRMAN OF THE BOARD
LOUISA REGIONAL SOLID WASTE AGENCY
11488 128TH STREET
WAPELLO IA 52653

Re: Louisa County Transfer Station
Permit #58-SDP-02-92P-XFR
Amendment #2 – 100yr. Floodplain Waiver Implementation Extension

Dear Mr. Quigley:

Enclosed is Amendment #2 to the transfer station permit issued on December 12, 2020, which requires the Louisa County Regional Solid Waste Agency to fully implement the storage of recyclable materials (e.g., appliances, electronics, recycling, batteries, scrap metal and used oil) and to modify cleaning protocols and material storage time frames no later than December 12, 2023 (previously July 1, 2023).

These measures are in accordance with the waiver granted December 20, 2022 (Doc #104709), excluding the open top roll-off container requirement, as expressed within the attached email correspondence. These agreed upon operational changes are in lieu of required site modifications (e.g., construct a berm or flood wall) to prevent floodwater inundation from a 100-year flood of any area that comes into contact with solid waste or washwater at the transfer station.

This amendment must be kept on file at the facility. Please review this amendment with your operators, as they must be familiar with it. Please also ensure to include this amendment within the Executive Summary submitted in conjunction with the facility's next permit renewal.

Thank you for your efforts to comply with Iowa's environmental regulations. Should you have any questions, please contact me at (515) 201-8272 or Chad.Stobbe@dnr.iowa.gov.

Sincerely,

Digitally signed by Chad A. Stobbe
Date: 2023.08.10 15:40:15 -05'00'

Chad A. Stobbe
Environmental Specialist Senior
Land Quality Bureau

Enclosures (3)

cc: Iowa DNR Field Office #6, Washington

IOWA DEPARTMENT OF NATURAL RESOURCES

SOLID WASTE TRANSFER STATION PERMIT

I.	Permit Number:	58-SDP-02-92P-XFR
II.	Permitted Agency:	Louisa Regional Solid Waste Agency
III.	Project Location:	Louisa County Transfer Station 14048 70th Street Wapello, IA 52653 Parcel ID: 0833292000
	Phone:	(319) 523-5013
IV.	Responsible Official	
	Name:	Brad Quigley, Chairman of the Board
	Address:	Louisa Regional Solid Waste Agency 11488 128th Street Wapello, IA 52653
	Phone:	(319) 523-5271
	Email:	bquigley@louisaco-ia.org
V.	Licensed Engineer	
	Name:	Larry J. Roehl, P.E.
	Address:	Louisa County Engineer 8313 K Avenue Wapello, IA 52653
	Phone:	(319) 523-5271
	Email:	lroehl.locoe@louisacomm.net
	Iowa License #:	P13211
VI.	Date Permit Issued:	December 12, 2020
	Amendment #1 Date:	December 20, 2022
	Amendment #2 Date:	August 10, 2023
VII.	Permit Expiration Date:	December 12, 2023
VIII.	Issued by:	Digitally signed by Chad A. Stobbe Date: 2023.08.10 15:41:04 -05'00'

Chad A. Stobbe
Department of Natural Resources

IX. General Provisions

The above-named permitted agency is hereby authorized to operate a solid waste transfer station (XFR) at the described location in conformance with Iowa Code section 455B, the rules pursuant thereto existing at the time of issuance, and any subsequent new rules which may be duly adopted, and any provisions contained in Section X of this permit.

The project shall be constructed and operated according to the engineering plans and specifications, the site operation plan approved by the Department of Natural Resources (DNR), and these shall become a part of this permit. Updated plans shall be submitted at the time of each permit renewal application and included with any request for permit modification or significant change in facility operation.

No legal or financial responsibility arising from the construction or operation of the approved project shall attach to the State of Iowa or the DNR due to the issuance of this permit. If title to this project is transferred, the new owner must apply to the DNR for a transfer of this permit within thirty (30) days of the date of title transfer. This permit is void sixty (60) days after the date of title transfer unless the DNR has transferred the permit.

The permit holder is required to maintain records for the service area of tonnages accepted at this facility in accordance with 567 Iowa Administrative Code (IAC) 106.13(455B,455D) and 567 IAC 106.14(455B,455D). Records shall be developed and maintained in such a way that tonnages from each county/state may be tracked in order to provide the local solid waste agency and the DNR with accurate statistics from which generation and diversion rates will be derived. The reports are due on a quarterly basis and shall be submitted to the DNR using Form #542-8025. The reports will be due January 1st, April 1st, July 1st and October 1st for the quarters ending September 30th, December 31st, March 31st and June 30th, respectively. The permit holder shall mail the completed form to the Iowa Department of Natural Resources; Land Quality Bureau; Wallace State Office Building; 502 East Ninth Street; Des Moines; Iowa 50319-0034. This reporting procedure supersedes any previous conflicting permit provisions.

A site inspection and report shall be completed annually by an Iowa-licensed professional engineer in accordance with 567 IAC 106.14(2). The inspection shall, at a minimum, cover the design standards pursuant to 567 IAC 106.10(455B) and shall reflect the facility's compliance with respect to the DNR-approved design and construction. The annual report shall be submitted to the Iowa Department of Natural Resources; Land Quality Bureau; Wallace State Office Building; 502 East Ninth Street; Des Moines; Iowa 50319-0034 by November 1st each year.

The permit holder shall provide continuous financial assurance coverage for site closure in accordance with 567 IAC 106.18(455B). The permit holder shall submit proof of compliance, including an updated closure cost estimate and proof of coverage with each permit renewal, until released from this requirement by the DNR.

The permit holder shall use a scale certified by the Iowa Department of Agriculture and Land Stewardship (IDALS) for the purposes of weighing and reporting solid wastes accepted at the transfer station. If conditions are such that make it impractical to provide an on-site scale, then off-site scale facilities or an alternative method to weighing may be used if approved by the DNR. The permit holder shall comply with the waste weighing, record keeping and tonnage fee reporting requirements defined in 567 IAC 101.14(445B,455D).

Solid waste accepted at this site shall not exhibit free liquids, toxic or hazardous properties. No hazardous wastes as defined by Iowa Code section 455B.411 may be accepted at this facility.

Failure to comply with Iowa Code section 455B, or any rule of order promulgated pursuant thereto, or any or all provisions of this permit may result in: 1) a civil penalty of up to $5,000 for each day of violation, pursuant to Iowa Code section 455B.307, or 2) the suspension or revocation of this permit, pursuant to Iowa Code section 455B.305.

The issuance of this permit in no way relieves the applicant of the responsibility for complying with all other local, state, and federal statutes, ordinances, and rules or other requirements applicable to the establishment and operation of this solid waste transfer station.

X. Special Provisions

1. The permit holder is authorized to accept up to 6,000 tons of municipal solid waste annually in accordance with the approved Louisa Regional Solid Waste Agency's Solid Waste Comprehensive Plan (Plan). The Plan as approved by the DNR on May 15, 2020, any approved amendments to the Plan, and the latest Plan update are hereby incorporated as permit documents.

   The permitted service area is described as: All cities, excluding Morning Sun, and the unincorporated area in Louisa County.

   Collected waste shall be disposed of at the Quad Cities Sanitary Landfill (Millennium Waste) in Milan, IL. The permit holder is not authorized to transfer any solid waste to any other sanitary disposal project in Iowa without first receiving DNR approval.

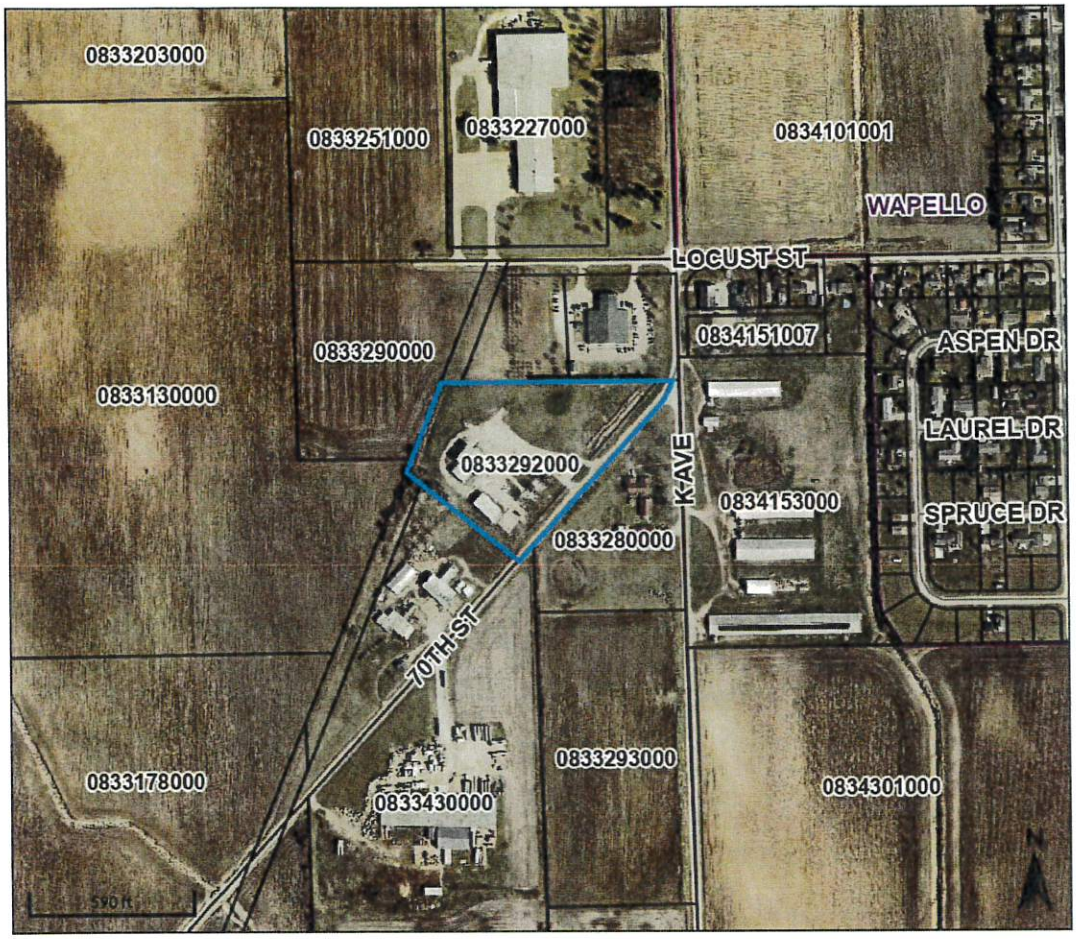
2. No provision in this permit or the updated and approved site operation plan, emergency response and remedial action plan, and closure plan, as described in the permit renewal application dated August 17, 2020 (Doc #98279), constitutes a waiver or variance from 567 IAC Chapter 106 or the Code of Iowa. Any conflict between a provision of the permit or referenced documents and Iowa rules or statutes shall be resolved in favor of the duly adopted rules and statutes.

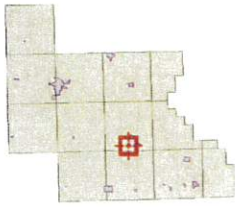
3. The permit holder shall fully implement the storage of recyclable materials (e.g., appliances, electronics, recycling, batteries, scrap metal and used oil) and to modify cleaning protocols and material storage time frames no later than December 12, 2023. These measures are in accordance with the waiver granted December 1, 2022 (Doc #104709), excluding the open top roll-off container requirement.

The agreed upon operational changes are in lieu of required site modifications (e.g., construct a berm or flood wall) to prevent floodwater inundation from a 100-year flood of any area that comes into contact with solid waste or washwater at the transfer station. Please submit documentation to the DNR prior to the deadline documenting the implementation of these site modifications (include photos).

Pursuant to 561—10.19(17A,455A), if the alternative means of compliance provided in the granted waiver fail to achieve regulatory objectives, or the permit holder fails to comply with the conditions of the granted waiver and this permit, the DNR may require installation of a berm or flood wall to prevent floodwater inundation from a 100-year flood event in accordance with 567 IAC 106.9(1).

Beacon™ Louisa County, IA





Overview

Legend

- Corporate Limits
- PLS Townships

Parcels

- BLL
- Parcel
- Roads
- State HWY Labels
- Federal HWY Labels

Parcel ID	0833292000	**Alternate ID**	n/a	**Owner Address**	LOUISA COUNTY SOLID WASTE
Sec/Twp/Rng	33-74-3	**Class**	C		PO BOX 186
Property Address		**Acreage**	6.74		WAPELLO, IA 52653-0186
District	WT WP				
Brief Tax Description	33 74 3 L1 & N76.52' L2 S.D. SE NE & PARCEL 'A' SE NE & SVYD TR SE PT SE NE INCL ABD R.R. ROW				
	(Note: Not to be used on legal documents)				

Date created: 9/7/2023
Last Data Uploaded: 9/7/2023 12:53:10 AM

Developed by Schneider GEOSPATIAL

EXECUTIVE SUMMARY

LOUISA REGIONAL SOLID WASTE AGENCY

PERMIT RENEWAL 2023

MODIFICATIONS AND AMENDMENTS MADE DURING THE CURRENT PERMIT CYCLE:

REFERENCE 100 YEAR FLOODPLAIN WAIVER AMENDMENT #1 AND #2 (ATTACHED) WITH SPECIAL PROVISIONS. (DOCUMENTS: 107448,107450)

OPERATION OF FACILITY:

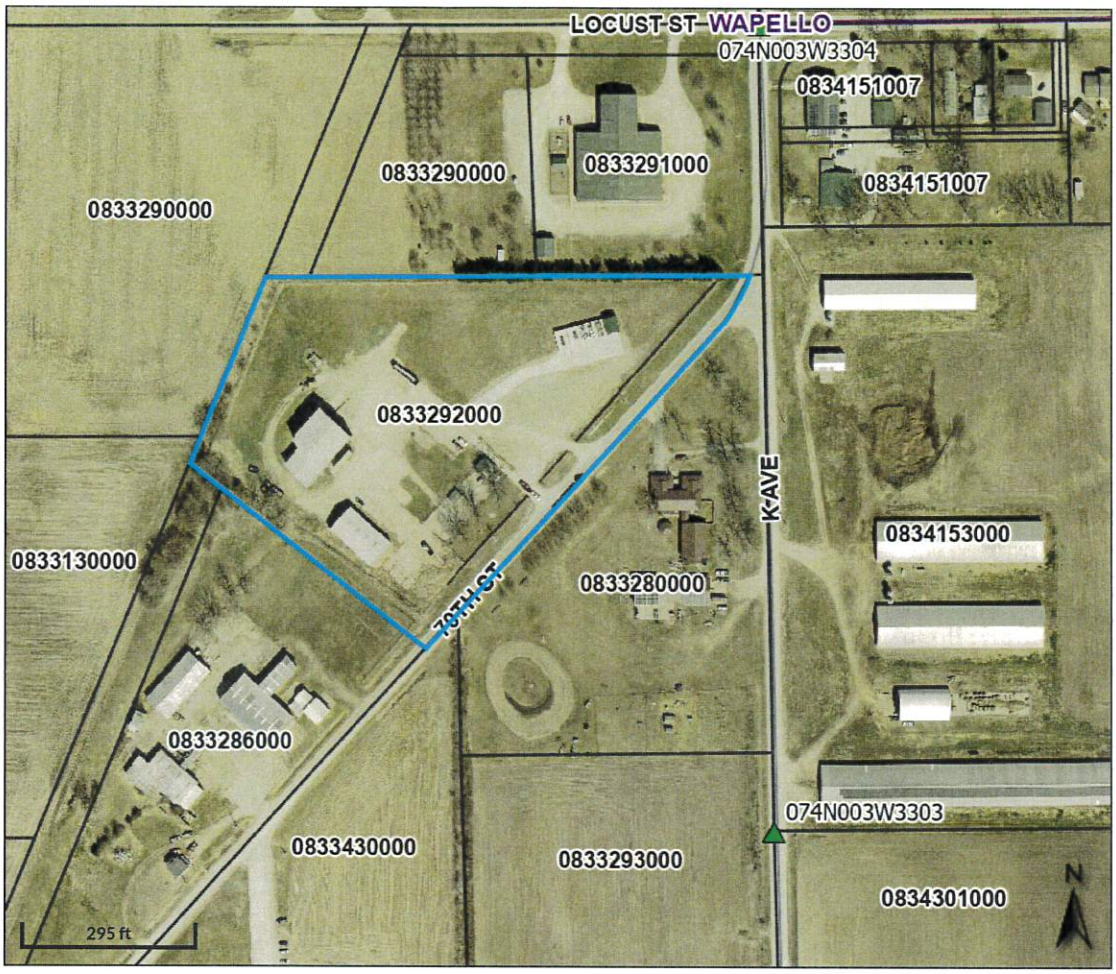
LOUISA REGIONAL SOLID WASTE AGENCY OPERATES THE FACILITY.

LOADING AND HAULING TO MWI/QUAD CITIES LANDFILL IS DONE USING EQUIPMENT OWNED BY LOUISA REGIONAL SOLID WASTE AND OPERATED BY EMPLOYEES OF JJJ HAULING WHO WE HAVE CONTRACTED WITH TO PROVIDE THIS SERVICE. SCALE HOUSE STAFF IS EMPLOYED BY LOUISA COUNTY THROUGH A 28E AGREEMENT WITH LOUISA REGIONAL SOLID WASTE AGENCY.

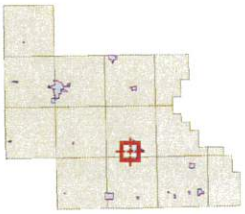
JOELLEN SCHANTZ IS THE TRANSFER STATION MANAGER AND OVERSEES THE DAY-TO-DAY OPERATIONS AT THE TRANSFER STATION.

NO VARIANCES FROM THE IOWA ADMINISTRATIVE CODE ARE NEEDED.

Beacon™ Louisa County, IA



Overview



Legend

Parcels
- BLL
- Parcel

Roads

PLS Townships

PLS Section Corners
- Section Corner Certificate Attached
- Section Corner Certificate Unavailable

Corporate Limits

Parcel ID	0833292000	**Alternate ID**	n/a	**Owner Address**	LOUISA COUNTY SOLID WASTE
Sec/Twp/Rng	33-74-3	**Class**	C		8313 K AVE
Property Address		**Acreage**	6.74		WAPELLO, IA 52653
District	WT WP				
Brief Tax Description	33 74 3 L1 & N76.52' L2 S.D. SE NE & PARCEL 'A' SE NE & SVYD TR SE PT SE NE INCL ABD R.R. ROW				
	(Note: Not to be used on legal documents)				

Date created: 10/28/2026
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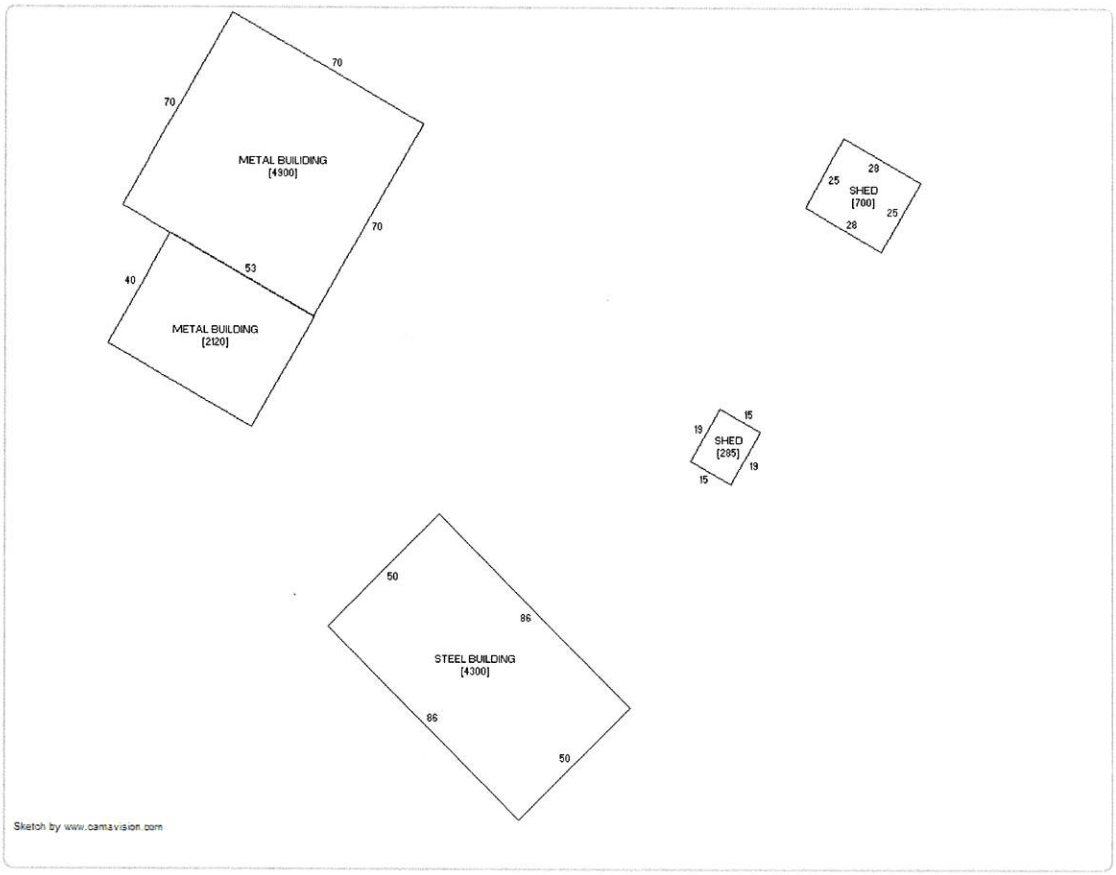


Forms and Applications

- Family Farm Tax Deduction
- Homestead Tax Exemption
- Military Service Tax Exemption Application

No data available for the following modules: Residential Dwellings, Commercial Buildings, Sales, Tax Sale Certificate, Photos.

Disclaimer: The information in this web site represents current data from a working file which is updated continuously. Information is believed reliable, but its accuracy cannot be guaranteed.
| User Privacy Policy | GDPR Privacy Notice
Last Data Upload: 10/28/2026, 12:28:36 AM

Contact Us

Developed by
SCHNEIDER GEOSPATIAL

Louisa County, IA

Summary

Parcel ID	0833292000
Alternate ID	
Property Address	N/A
Sec/Twp/Rng	33-74-3
Brief Tax Description	33 74 3 L1 & N76.52' L2 S.D. SE NE & PARCEL 'A' SE NE & SVYD TR SE PT SE NE INCL ABD R.R. ROW (Note: Not to be used on legal documents)
Deed Book/Page	452-34 (7/1/1996)
Contract Book/Page	
Exempt Acres	6.74
Net Acres	0.00
Class	C - Commercial (Note: This is for tax purposes only. Not to be used for zoning.)
District	WT WP - WAPELLO TWP/WAPELLO SCH
School District	WAPELLO COMMUNITY SCHOOL

Owners

Deed Holder
Louisa County Solid Waste
8313 K Ave
Wapello IA 52653
Contract Holder
Mailing Address
Louisa County Solid Waste
8313 K Ave
Wapello IA 52653

Land

Lot Area 7.52 Acres ;327,441 SF

Agricultural Buildings

Plot #	Type	Description	Width	Length	Year Built
	Machine or Utility Building	METAL BUILDING	0	0	1999
	Machine or Utility Building	METAL BUILDING	0	0	1999
	Machine or Utility Building	METAL BUILDING	0	0	1999

Valuation

		2026	2025	2024	2023
	Classification	Commercial	Commercial	Commercial	Commercial
+	Assessed Land Value	$46,980	$46,980	$46,980	$46,980
+	Assessed Building Value	$109,810	$109,810	$105,710	$105,710
+	Assessed Dwelling Value	$0	$0	$0	$0
=	**Gross Assessed Value**	**$156,790**	**$156,790**	**$152,690**	**$152,690**
-	Exempt Value	($156,790)	($156,790)	($152,690)	($152,690)
=	**Net Assessed Value**	**$0**	**$0**	**$0**	**$0**

Taxation

		2025 Pay 2026-2027	2024 Pay 2025-2026	2023 Pay 2024-2025
+	Taxable Land Value	$0	$0	$0
+	Taxable Building Value	$0	$0	$0
+	Taxable Dwelling Value	$0	$0	$0
=	**Gross Taxable Value**	**$0**	**$0**	**$0**
-	Homestead 65+ Exemption	$0	$0	$0
-	Military Exemption	$0	$0	$0
=	**Net Taxable Value**	**$0**	**$0**	**$0**
x	Levy Rate (per $1000 of value)	26.55294	26.35887	26.91376
=	**Gross Taxes Due**	**$0.00**	**$0.00**	**$0.00**
-	Ag Land Credit	$0.00	$0.00	$0.00
-	Family Farm Credit	$0.00	$0.00	$0.00
-	Homestead Credit	$0.00	$0.00	$0.00
-	Disabled and Senior Citizens Credit	$0.00	$0.00	$0.00
-	Business Property Credit	$0.00	$0.00	$0.00
=	**Net Taxes Due**	**$0.00**	**$0.00**	**$0.00**

Special Assessments

Project:
20190930 D12MT DRAINAGE - 20190930 D12MT DRAINAGE
Accepted Date:
7/23/2019
Parcel Number:
0833292000
Name:
Amortization Date:
12/1/2019
Amortized Interest:
0
Number of Years:
0
Payoff:
$0.00

Payment	Due Date	Principal Left	Tax Billed	Amortized Interest	Admin Fees	Total	Receipt Number	Date Paid	Unpaid Balance
1	9/30/2019	$26.00	$26.00	$0.00	$0.00	$26.00	R00042584	8/15/2019	$0.00
Total			$26.00	$0.00	$0.00	$26.00			$0.00

Project:
20200930 D12MT - 20200930 D12MT DRAINAGE
Accepted Date:
7/17/2020
Parcel Number:
0833292000
Name:
Amortization Date:
12/1/2020
Amortized Interest:
0
Number of Years:
0
Payoff:
$0.00

Payment	Due Date	Principal Left	Tax Billed	Amortized Interest	Admin Fees	Total	Receipt Number	Date Paid	Unpaid Balance
1	9/30/2020	$26.00	$26.00	$0.00	$0.00	$26.00	R00067757	8/12/2020	$0.00
Total			$26.00	$0.00	$0.00	$26.00			$0.00

Project:
20210930 D12MT - 20210930 D12MT DRAINAGE
Accepted Date:
7/22/2021
Parcel Number:
0833292000
Name:
Amortization Date:
12/1/2021
Amortized Interest:
0
Number of Years:
0
Payoff:
$0.00

Payment	Due Date	Principal Left	Tax Billed	Amortized Interest	Admin Fees	Total	Receipt Number	Date Paid	Unpaid Balance
1	9/30/2021	$26.00	$26.00	$0.00	$0.00	$26.00	R00096890	8/23/2021	$0.00
Total			$26.00	$0.00	$0.00	$26.00			$0.00

Project:
09302022 DD#12 - 09302022 DD#12
Accepted Date:
7/29/2022
Parcel Number:
0833292000
Name:
Amortization Date:
12/1/2022
Amortized Interest:
0
Number of Years:
0
Payoff:
$0.00

Payment	Due Date	Principal Left	Tax Billed	Amortized Interest	Admin Fees	Total	Receipt Number	Date Paid	Unpaid Balance
1	9/30/2022	$26.00	$26.00	$0.00	$0.00	$26.00	R00123901	9/8/2022	$0.00
Total			**$26.00**	**$0.00**	**$0.00**	**$26.00**			**$0.00**

Project:
2023 DD12 - 2023 DRAINAGE DISTRICT #12
Accepted Date:
1/23/2023
Parcel Number:
0833292000
Name:
Amortization Date:
12/1/2023
Amortized Interest:
0
Number of Years:
0
Payoff:
$0.00

Payment	Due Date	Principal Left	Tax Billed	Amortized Interest	Admin Fees	Total	Receipt Number	Date Paid	Unpaid Balance
1	9/30/2023	$28.00	$28.00	$0.00	$0.00	$28.00	R00149183	8/29/2023	$0.00
Total			**$28.00**	**$0.00**	**$0.00**	**$28.00**			**$0.00**

Project:
2024 DD12 - 20240930 DRAINAGE DISTRICT 12
Accepted Date:
1/20/2024
Parcel Number:
0833292000
Name:
Amortization Date:
12/1/2024
Amortized Interest:
0
Number of Years:
0
Payoff:
$0.00

Payment	Due Date	Principal Left	Tax Billed	Amortized Interest	Admin Fees	Total	Receipt Number	Date Paid	Unpaid Balance
1	9/30/2024	$28.00	$28.00	$0.00	$0.00	$28.00	R00174224	8/12/2024	$0.00
Total			**$28.00**	**$0.00**	**$0.00**	**$28.00**			**$0.00**

Project:
09302025 DD#12 - 09302025 DD#12
Accepted Date:
1/20/2025
Parcel Number:
0833292000
Name:
Amortization Date:
12/1/2025
Amortized Interest:
0
Number of Years:
0
Payoff:
$0.00

Payment	Due Date	Principal Left	Tax Billed	Amortized Interest	Admin Fees	Total	Receipt Number	Date Paid	Unpaid Balance
1	9/30/2025	$28.00	$28.00	$0.00	$0.00	$28.00	R00202096	8/27/2025	$0.00
Total			$28.00	$0.00	$0.00	$28.00			$0.00

Project:
09302026 DD#12 - 09302026 DD#12
Accepted Date:
1/19/2026
Parcel Number:
0833292000
Name:
Amortization Date:
12/1/2026
Amortized Interest:
0
Number of Years:
0
Payoff:
$0.00

Payment	Due Date	Principal Left	Tax Billed	Amortized Interest	Admin Fees	Total	Receipt Number	Date Paid	Unpaid Balance
1	9/30/2026	$28.00	$28.00	$0.00	$0.00	$28.00	R00226752	8/18/2026	$0.00
Total			$28.00	$0.00	$0.00	$28.00			$0.00

Tax History

Year	Due Date	Amount	Paid	Date Paid	Receipt
2025	September 2026 (Drainage)	$28.00	Yes	8/18/2026	R00226752
2024	September 2025 (Drainage)	$28.00	Yes	8/27/2025	R00202096
2023	September 2024 (Drainage)	$28.00	Yes	8/12/2024	R00174224
2022	September 2023 (Drainage)	$28.00	Yes	8/29/2023	R00149183
2021	September 2022 (Drainage)	$26.00	Yes	9/8/2022	R00123901

Sketches

THE IOWA STATE BAR ASSOCIATION Official Form No. 101 | ISBA# 12703 Lloyd H. Wolf NAPIER, WRIGHT & WOLF | FOR THE LEGAL EFFECT OF THE USE OF THIS FORM, CONSULT YOUR LAWYER

FILE NO. 003610
BOOK 452 PAGE 34

96 JUL -1 AM 10: 15
$1.00 + $5.00
T. JEAN BRAUNS
RECORDER
LOUISA CO., IOWA

Prepared by:
Douglas H. Napier, 607 Eighth Street, Suite 1, Fort Madison, IA 52627 (319) 372-2934

SPACE ABOVE THIS LINE FOR RECORDER

See Warranty Deed Book 555 Page 99

WARRANTY DEED

For the consideration of One and no/100 ($1.00)----------
Dollar(s) and other valuable consideration,
GREAT RIVER REGIONAL WASTE AUTHORITY

do hereby Convey to
LOUISA COUNTY SOLID WASTE COMMISION

the following described real estate in LOUISA County, Iowa:

SEE EXHIBIT A ATTACHED

DOV EXEMPTION #18

Grantors do Hereby Covenant with grantees, and successors in interest, that grantors hold the real estate by title in fee simple; that they have good and lawful authority to sell and convey the real estate; that the real estate is Free and Clear of all Liens and Encumbrances except as may be above stated; and grantors Covenant to Warrant and Defend the real estate against the lawful claims of all persons except as may be above stated. Each of the undersigned hereby relinquishes all rights of dower, homestead and distributive share in and to the real estate.

Words and phrases herein, including acknowledgment hereof, shall be construed as in the singular or plural number, and as masculine or feminine gender, according to the context.

STATE OF Iowa, ss:
Lee COUNTY,

On this 28 day of June, 19 96, before me, the undersigned, a Notary Public in and for said State, ~~personally~~ appeared Tracy Vance, Chairman, and John Emmett, Vice-Chairman

to me known to be the identical persons named in and who executed the foregoing instrument and acknowledged that they executed the same as ~~their~~ the voluntary act and deed of the Great River Regional Waste Authority.

Douglas H. Napier
Gloria M. Scharfman
Notary Public

(This form of acknowledgment for individual grantor(s) only)

Dated: June 28, 1996

Tracy Vance, Chairman (Grantor)

John Emmett, Vice-Chairman (Grantor)

(Grantor)

(Grantor)

GLORINE M. SCHARFMAN
MY COMMISSION EXPIRES

EXHIBIT A

A tract of land located in the Northeast Quarter of Section 33, Township 74 North, Range 3 West of the 5th P.M., Louisa County, Iowa; more particularly described as follows: Commencing at a stone marking the East Quarter corner of said Section 33; thence North 00°00' East along the apparent section line, 660.60 feet; thence North 89°13' West 239.20 feet to a point in the center of a public road, the point of beginning; thence continuing North 89°13' West 677.26 feet to the Westerly right-of-way line of the Chicago, Rock Island and Pacific Railroad, now abandoned; thence North 24°06' East 276.07 feet along said Westerly abandoned railroad right-of-way; thence South 89°13' East 805.17 feet to a point in a public road; thence South 43°52' West along said public road 347.01 feet to the point of beginning, containing 4.313 acres, more or less, subject to a public highway right-of-way along the Easterly side thereof and subject to any other easements or agreements of record.

ALSO

Commencing at the East quarter corner of said Section 33; thence N 00°00'00" W 660.6 feet along the section line; thence N 89°13' W 239.2 feet to an iron pin found in the center of the public highway; thence S 43°52' W 392.76 feet along the center of said public highway to an iron pin found, this being the point of beginning; thence continuing S 43°52' W 58.00 feet along the center of said public highway; thence N 52°31'06" W 482.67 feet to a point on the Westerly R.O. W. line of an abandoned railroad; thence N 24°16'30" E 46.00 feet along the westerly R.O.W. line of said abandoned railroad to an iron pin found; thence S 89°02'30E E 501.46 feet; thence S 46°02'00" E 420.70 feet to the point of beginning containing 0.91 acres, more or less, subject to a public highway easement, and any other easements or agreements of record.

ALSO

Grantors are conveying without warranty but grantors do further quit claim to Grantees all right, title and interest in and to the Chicago, Rock Island and Pacific Railroad right-of-way now abandoned and described as: Commencing at a stone marking the East Quarter corner of Section 33, Township 74 North, Range 3 West of the 5th P.M., Louisa County, Iowa, thence North 00°00' East along the apparent section line 660.60 feet, thence North 89°13' West 239.20 feet to a point in the center of a public road, thence North 43°52' East 347.01 feet to a point in the center of a public road, thence North 89°13' West to the Easterly right-of-way line of the Chicago, Rock Island and Pacific Railroad, now abandoned, being the point of beginning; thence continuing in a Southwesterly direction along said abandoned railroad right-of-way to a point where said right-of-way line intersects the West line of the Northeast Quarter of the Southeast Quarter of said Section 33; thence North along said West line of the Northeast Quarter of the Southeast Quarter of said Section 33 to the point where said West line intersects the Westerly right-of-way line of the abandoned railroad right-of-way; thence Northeasterly along said Westerly line of the abandoned railroad right-of-way to a point on said right-of-way line which is North 24°06' East and 276.07 feet distant from the South line of the North Half Southeast Quarter Northeast Quarter of Section 33, thence East to the place of beginning, all in Section 33, Township 74 North, Range 3 West of the 5th P.M., Louisa County, Iowa.

FOR THE LEGAL EFFECT OF THE USE OF THIS FORM, CONSULT YOUR LAWYER

STATE OF IOWA, Lee COUNTY, ss:

On this 28th day of June, A.D. 19 96, before me, the undersigned, a Notary Public in and for the State of Iowa, personally appeared Tracy Vance and John Emmett, to me personally known, who, being by me duly sworn, did say that they are the Chairman and Vice-Chairman respectively, of said ~~corporation~~ entity executing the within and foregoing instrument to which this is attached, that (no seal has been procured by the said) corporation; that said instrument was signed (and sealed) on behalf of (the seal affixed thereto is the seal of said) said corporation by authority of its Board of Directors; and that the said Tracy Vance and John Emmett as such officers acknowledged the execution of said instrument to be the voluntary act and deed of said ~~corporation~~ entity, by it and by them voluntarily executed.

Douglas H. Nagy

Notary Public in and for the State of Iowa.

GLORINE M. SCHARPMAN
MY COMMISSION EXPIRES
[illegible]

IOWA STATE BAR ASSOCIATION
Official Form No. 12 (Trade-Mark Registered, State of Iowa, 1962)
P-1 This Printing: May 30, 1975

POST IN CONSPICUOUS PLACE

NONTRANSFERABLE

STATE OF IOWA

DEPARTMENT OF AGRICULTURE & LAND STEWARDSHIP

DES MOINES

SCALE LICENSE

License No. 6460

LOUISA REGIONAL S WASTE (L/F)
8313 K AVENUE
WAPELLO IA 52653

SCALE LOCATION

LOUISA REGIONAL SOLID WASTE
14048 70TH STREET
WAPELLO IA 52653

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 12/11/2025

EXPIRATION DATE 12/31/2026

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	58

Comprehensive Planning
Electronic Submission Certificate

567—101.8(455B, 455D) Submittal of initial comprehensive plans and comprehensive plan updates. Initial comprehensive plans and comprehensive plan updates filed with the department must include a signed electronic submission certificate.

I certify that I am the authorized representative of the comprehensive planning area and that I have examined and am familiar with the information reported, and that I believe the information is true, accurate and complete.

Signed: _____ Date: 5/1/2020

Name and Agency of Person Certifying: Jeff Phillips, Barker Lemar Engineering Consultants

Comprehensive Planning Area: Louisa County Solid Waste Agency

Telephone Number: 515.256.8814 E-mail: jphillips@barkerlemar.com

LOUISA COUNTY REGIONAL SOLID WASTE AGENCY
2020 COMPREHENSIVE PLAN UPDATE

I. Planning Area Changes: *101.13(2)"a"*

1.1

There have been no significant permanent changes in the Louisa County Regional Solid Waste Agency Planning Area (Planning Area) since the last Comprehensive Plan Update approval that have resulted in changes to the waste stream.

II. Evidence of Cooperation: *101.13(2)"b"*

2.1 Resolution(s)

Please see Attachment A for the resolution from the Louisa County Regional Solid Waste Agency (Agency) adopting the Planning Area's 2020 Comprehensive Plan Update (Plan). Member communities for this planning area are all cities, excluding Morning Sun, and the unincorporated area in Louisa County, Iowa.

2.2 Letters of Cooperation

The Agency operates the Louisa County Regional Solid Waste Agency Transfer Station (Transfer Station) in Wapello, Iowa. There are no privately owned and/or operated solid waste management facilities within the Planning Area.

2.3 Lists of Contracts and 28E Agreements That Have Changed

No changes have been made to applicable contracts or 28 E Agreements since last submitted to the DNR.

III. Public Participation: *101.13(2)"c"*

3.1 Public Input Strategies

The proposed Plan was discussed during public meetings which each community within the Planning Area was invited to attend. The communities formally discussed the Plan during these meetings and allowed public input on the following dates:

- October 15, 2019; and
- January 21, 2020.

Methods to promote meetings, sign-in sheets and minutes for these meetings are included in Attachment B.

3.2 Public Hearings/Meetings Held for Plan Development and Review

The proposed Plan was discussed during public meetings which each community within the Planning Area was invited to attend. The communities formally discussed the Plan during these meetings and allowed public input on the following dates:

- October 15, 2019; and
- January 21, 2020.

Copies of the newspaper notices and flyer provided to local city halls and libraries to provide public notice for these meetings are included in Attachment B.

The Agency retained BARKER LEMAR ENGINEERING CONSULTANTS (BARKER LEMAR) to provide Plan development services for the Planning Area. In April 2019, BARKER LEMAR submitted a Municipal Solid Waste (MSW)

Satisfaction Survey to all Planning Area municipalities and the County. The surveys sought to determine the satisfaction level of the Agency's members concerning the solid waste services available to them. A summary of the results from this survey are provided in the next section.

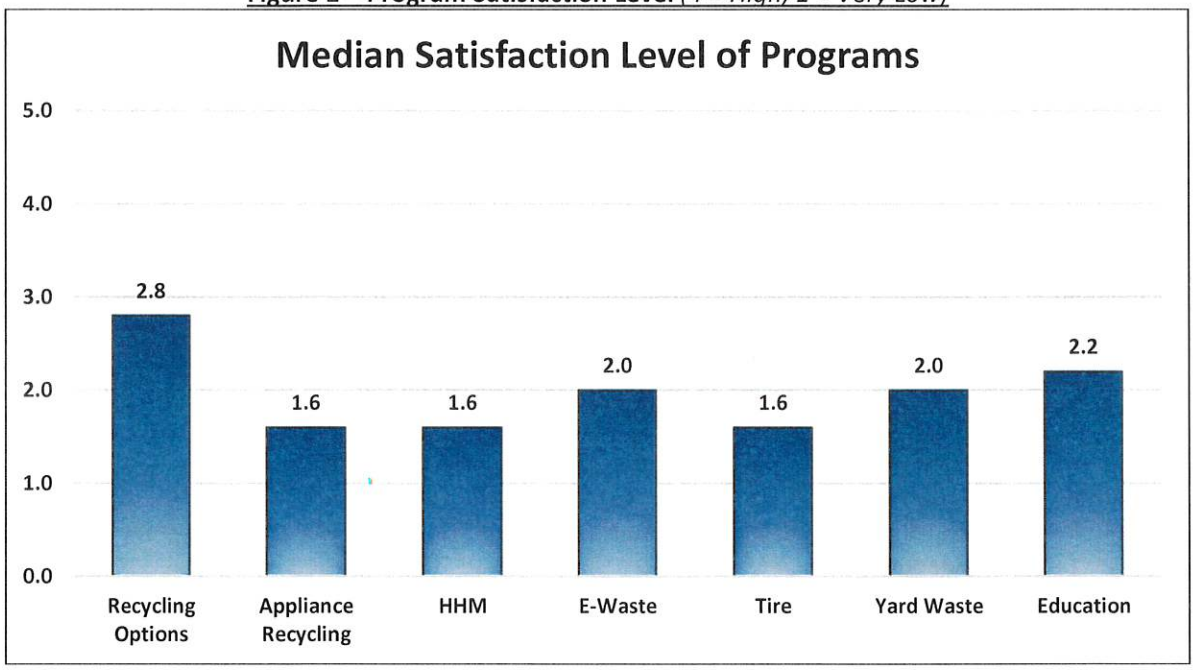
3.2a MSW Satisfaction Results

Surveys were provided to each member community in April 2019. A total of 8 survey responses were received by BARKER LEMAR for data analysis.

PART ONE:

Figure One illustrates the median of responses indicating the satisfaction levels for the listed solid waste services.

Figure 1 – Program Satisfaction Level *(4 = High; 1 = Very Low)*



The results indicate that respondents were moderately satisfied with recycling options. Table 1 below shows the average numerical response received for each category.

Table 1 – Individual Response Per Service Category

Service Category	Average Response
Recycling Options	2.8
Appliance Recycling	1.6
HHM	1.6
E-Waste	2.0
Tire	1.6
Organics	2.0
Education	2.2

Responses for the appliance recycling, household hazardous material (HHM), and tire service categories scored the lowest. However, respondents indicated general satisfaction for available recycling options.

PART TWO:

This portion of the survey asked responders to answer open ended questions concerning solid waste management. Respondents could provide more than one answer for each question. A selection of answers is provided below – some respondents left some of the answers blank.

1. ***What does your community do to actively encourage recycling?***

   2 – Pickup program/recycling containers

   1 – Recycling handout

   1 – No recycling

   1 – No Answer (NA)

Respondents indicated that providing pickup and recycling containers is the highest reported method of encouraging recycling.

2. ***What does your community do to actively encourage backyard composting?***

   - 2 – Nothing
   - 1 – Very little
   - 2 – No Answer (NA)

Most respondents indicated that the City did not have an official program to promote backyard composting. One reported that the city does very little to encourage backyard composting.

3. ***What is the most important issue in regard to solid waste in your community?***

   - 1 – Glass items go to landfill
   - 4 – No Answer (NA)

One community indicated that glass items must go to the landfill as the most important solid waste issue in their community.

4. ***What solid waste programs would you like to see implemented in the next few years in your community?***
    - 1 – Glass disposal
    - 4 – No Answer (NA)

One community indicated that they would like to see glass disposal option implemented within their community.

5. ***What assistance may your community need to establish these programs?***
    - 1 – Financial assistance
    - 1 – Recycling trailer
    - 3 – No Answer (NA)

Two communities each indicated that they needed assistance. Assistance providing recycling trailers and financial assistance were identified as important to establish programs.

3.2c Vision Casting Session Results

Mr. Jeff Phillips OF BARKER LEMAR presented the results of the MSW Satisfaction Survey during the October 15, 2019 public meeting. The meeting was held at the Transfer Station during a regularly scheduled Agency meeting. After the results were presented, BARKER LEMAR moderated a Vision Casting Session, which allowed the public to identify solid waste service priorities for the Planning Area. The solid waste activities identified are listed below:

1. Agency Operations
2. Tire Management and Market Development
3. Illegal Dumping Enforcement
4. Free Appliance Disposal
5. HHM Collection Events
6. Evaluate Costs of E-Waste Program
7. Education and Outreach

The Vision Casting Session participant was then asked to select the top three activities that they would like to see prioritized for implementation over the entire Planning Area, and the top three activities they would like to see prioritized for their individual community. The top three selections ranked by priority order on a paper ballot which was collected and analyzed by BARKER LEMAR. Each vote was assigned a weight as to its selected priority; a vote of first priority was given a weight of 3, a vote of second priority was given a weight of 2 and a vote of third priority was given a weight of 1. Results of the Vision Casting Session are shown in the table below.

Table 2: Identified Activities for Entire Planning Area

Activity	Priority			Total
	1	2	3	
Agency Operations	6	1	1	**21**
Tire Management and Market Development	3	3	2	**17**
Illegal Dumping Enforcement	1	4	1	**12**
Free Appliance Disposal	-	2	1	**5**
HHM Collection Events	1	-	2	**5**
Evaluate Costs of E-Waste Program	-	-	3	**3**
Education and Outreach	3	1	1	**3**

The priorities identified for the local community were similar as those identified for the entire planning area as seen in the table below.

Table 3: Identified Activities for Communities

Activity	Priority			Total
	1	2	3	
Tire Management and Market Development	3	3	3	**18**
Illegal Dumping Enforcement	3	3	1	**16**
Free Appliance Disposal	1	3	1	**10**
HHM Collection Events	2	1	-	**8**
Agency Operations	2	-	2	**8**
Evaluate Costs of E-Waste Program	-	-	3	**3**
Education and Outreach	3	1	1	**3**

The results from the Vision Casting Session and voting process assisted the Sac County in developing a 5-year implementation timeline. The timeline targets the solid waste service priorities as developed by the meeting participants.

3.3 Public Review Meetings

On October 15, 2019 a Planning Area meeting, which was open to the public, was held to develop the Plan. Notice of the meeting was published in several local newspapers and invitations sent to local city halls and libraries. The notice and meeting flyer are included in Attachment B. A second public meeting was held on January 21, 2020.

The January 21, 2020 public meeting was held to allow parties to review and comment on the Plan after it had been compiled. The Agency submitted draft copies of the Plan to every member community and to area libraries by mail in December 2019. A letter was enclosed with the draft copy which encouraged interested parties to attend the meeting and/or submit comments. Notices of the meeting were published in local newspapers and are included in Attachment B.

IV. Baseline Waste Stream Report: *101.13(2)"d"*

The DNR will provide an updated goal progress calculation using the most current complete fiscal year data. This calculation will be performed at the time of the Agency's Plan approval.

Please see **Section VIII - Evaluation of Progress Toward Goals** for an analysis of historical goal progress reports and the goal progress calculation the DNR provided 12-months prior to the Plan submittal date.

V. Changes in Area Demographics: *101.13(2)"e"*

No significant changes in Planning Area population, employment, or industrial production have occurred in the Planning Area since the last approved Plan.

VI. Current Waste Composition & Generation: *101.13(2)"f"*

6.1 Changes in Waste Generation since the Last Approved Plan.

No significant changes to waste generation have been observed since the last approved Plan.

6.2 Changes in Waste Composition since the Last Approved Plan.

No significant changes to waste composition have been observed since the last approved Plan.

6.3 Effects of Anticipated Planning Area Modifications.

There are no Planning Area modifications proposed or anticipated that would significantly impact the waste generation or waste composition of the Planning Area.

VII. Existing Integrated Solid Waste Management Report:

7.1 Provide a description of new and evolving strategies, efforts, and programs implemented within the Planning Area to (101.13(2)"g"):

The Transfer Station is located less than a mile from the city of Wapello, Iowa and provides waste management services to the Planning Area. The gate rate for acceptance of regular solid waste is $52.00 per ton. Waste accepted at the Transfer Station is transported to the Millennium Waste Inc.'s Quad Cities Landfill in Milan, Illinois for final disposal.

1. Increase public awareness about proper recycling and disposal options for motor oil and lead acid batteries.

The Transfer Station accepts motor oil ($0.50/gallon) and lead acid batteries ($1.00/each). Collected used motor oil is provided to local mechanical shops and is used as a supplemental fuel for heat. Local automotive supply retailers and maintenance shops also accepts these materials from their customers for a variable fee. The Transfer Station and these businesses use a variety of recycling service providers to collect, process, and recycle the collected materials.

2. Encourage residents of the Planning Area to dispose of household appliances properly.

The Transfer Station accepts appliances and charges $12 per appliance. The Agency contracts with Schau Weikert Iron and Metal Recycling in Muscatine, Iowa for scrap metal recycling of demanufactued appliances. This service is promoted using the County's website, flyers, and word of mouth.

3. Encourage tire stewardship and proper tire recycling and disposal.

The Transfer Station accepts tires for a variable fee depending on the size of tire. This service is promoted using County's website, flyers, and word of mouth. The Agency contracts with Liberty Tire Recycling, LLC to collect accepted tires for processing and recycling. Local tire retail outlets also accept tires for recycling from their customers.

4. Encourage backyard composting and proper management of yard waste.

The Transfer Station does not currently offer composting services. Residents are directed to speak with their local communities to discuss possible local yard waste management sites or services.

5. Encourage residents of the Planning Area to properly manage household hazardous materials (HHM).

The Transfer Station does not accept HHM. Residents and very small quantity generators (VSQG) are directed to contact the Muscatine Recycling Center and Transfer Station to make disposal arrangements. This service is promoted using the County's website, flyers, and word of mouth.

6. Provide for the separation of glass, paper, plastic and metal.

Several Agency members have residential curbside recycling services available. The Agency has drop-off recycling containers available at the Transfer Station. These containers accept cardboard, office paper, newspaper, magazines, plastics, metal cans, and glass for recycling. The available curbside and drop-off recycling services are promoted using the County's website, flyers, and word of mouth.

7.2 Provide a list of collectors/recyclers used by the permitted solid waste sanitary disposal project(s) for the proper management of tires/household appliances (101.13(2)"g"(2)).

The Agency accepts the following for recyclable materials: appliances, tires, metals, electronic waste and cardboard. Accepted recyclable materials are processed further by the following companies:

Table 5 – Collectors/Recyclers

Household Appliances	Weikert Iron and Metal Recycling, 2240 Schley Ave., Muscatine, Iowa 52761 563-264-3031
E-waste	A-TEC Recycling, Inc., 5745 NE 17th St. Des Moines, Iowa 50313 515-263-3707
Tires	Liberty Tire Recycling, 1914 E Euclid Ave # A, Des Moines, IA 50313. 515-262-4900
Cardboard, metal, glass, plastic	Waste Commission of Scott County
HHM	Muscatine Recycling Center and Transfer Station

7.3 Provide a detailed narrative of all waste management programs implemented since the last approved comprehensive plan or comprehensive plan update that addresses all components of the states' waste management hierarchy (101.13(2)"g"(3)):

There have been no significant changes to waste management programs since the last comprehensive plan update.

VIII. Evaluation of Progress Toward Goals: *101.13(2)"h"*

Provide an evaluation of progress toward meeting the state's waste volume reduction and recycling goals using a combination of the following:

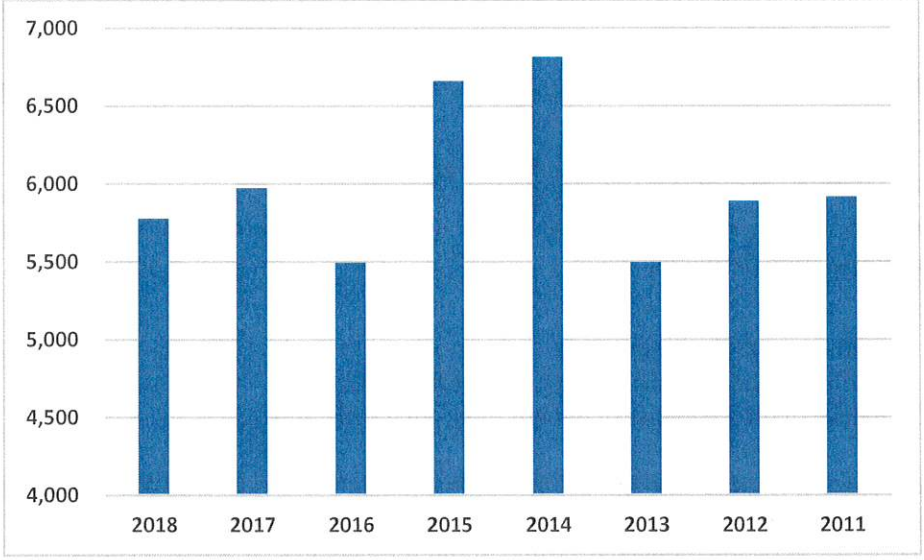
1. Trend analysis of goal progress.
2. Stakeholder-based collaborative goal-setting process.
3. Analysis of effectiveness of benefit of existing programs.

For fiscal years (FY) 2011 through 2018, the changes in the amount of waste accepted by the Agency ranged from negative 39 percent to positive 79 percent as shown in the table below. For the past 8 years there has been an overall downward trend in the total volume of waste accepted by the landfill for this planning area. These values can be shown in the table and figure below.

Table 6 – Louisa County Regional Solid Waste Agency Transfer Station Yearly Tons Accepted

Fiscal Year	Total Tons Accepted	Previous Year Percent Difference
2018	5,776	(3.3%)
2017	5,972	8.7%
2016	5,492	(17.5%)
2015	6,657	(2.3%)
2014	6,812	24.0%
2013	5,494	(6.7%)
2012	5,887	(0.5%)
2011	5,915	-

Figure 2 – Fiscal Year Yearly Tonnage



The following information provides a review of four fiscal years that have waste reduction percentage data available from the DNR. This is not a comprehensive analysis of the various data inputs (i.e. taxable sales figures, employment records, etc.) that impact the development of the DNR approved waste reduction percentage. Rather, this data illustrates the current trends in waste disposal and waste reduction percentage calculation for the Planning Area as performed by the DNR.

Table 7 – Louisa County Regional Solid Waste Agency Approved Waste Reduction Percentages

FY	Disposal Reduction Percentage
2013	(12.46%)
2015	(18.56)%
2018	(0.01)%
2019	4.30%

Waste reduction percentages for the Transfer Station have ranged between -18.56% to 4.30% as shown in the table above.

The Agency and its Planning Area members remain committed to providing integrated solid waste management (ISWM) services that seek to increase waste reduction, diversion, participation, and program effectiveness.

The Agency, through the Vision Casting process, held formal stakeholder goal-setting sessions that identified specific ISWM system goals and long-term objectives. The Vision Casting process and results are discussed in Section III. The results of the Vision Casting process helped the Agency develop short and long-term ISWM system goals as well as specific milestones to assist with the implementation of identified ISWM activities.

The top four ISWM activities identified to assist with waste management within the Planning Area are listed below:

1. Agency Operations;
2. Tire Management and Market Development;
3. Illegal Dumping Enforcement; and
4. Free Appliance Disposal.

The potential waste reduction impacts these identified ISWM activities may have are discussed in Section IX. The identified ISWM activities and the implementation milestones for each activity are discussed in Section X.

MSW Satisfaction Surveys were provided to each member community in April 2019, and responses were collected and analyzed. This data was presented in Section 3.2a. ISWM programs that are not currently being provided or could be expanded that were identified for consideration are discussed in Section IX.

IX. Analysis of Solid Waste Alternatives: *101.13(2)"i"*

Below is an analysis of the potential impacts the alternative solid waste management activities identified through the Vision Casting process may have in the Planning Area. More details (i.e. milestones, timelines, etc.) concerning the identified alternative solid wastes management activities can be found in Section X.

- Agency Operations
  - Identifying an individual (or individuals) to perform Agency administration and coordination responsibilities will provide long-term focused attention to the ISWM needs of the Planning Area.

- Tire Management and Market Development
  - Evaluating alternatives to self-manage tires and/or investigating additional recycling markets may help identify more cost effective and sustainable material management strategies.
  - Working with state legislators to educate them on the costs incurred by the Agency (and others like them across Iowa) for managing tires and encouraging them to help establish alternative/competitive markets may help lower management costs.

- Illegal Dumping Enforcement
  - Working with other solid waste agencies, the DNR, and local law enforcement officials may help establish a program that discourages and reduces illegal dumping. Reducing illegal dumping would help avoid unnecessary management and disposal costs, and encourage proper disposal of waste materials.

- Free Appliance Disposal
  - Evaluating the opportunity to manage discarded appliances at no cost for Planning Area residents may increase the number of units recovered through the existing program and reduce illegal dumping of appliances.

- HHM Collection Events
  - Hosting regular local HHM collection events would encourage residents (and possibly VSQGs depending on the program) to properly dispose of these materials. It is likely that residents

are currently disposing of HHM through their regular waste collection services due to the inconvenience of having to take these materials to the Muscatine Recycling Center and Transfer Station.

- Evaluate Costs of E-Waste Program
    - Reviewing the current and projected costs of managing e-waste materials can help ensure that sustainable program pricing is established. The evaluation may also potentially identify additional vendors that offer similar services at lower costs.

- Education and Outreach
    - Increasing existing ISWM and program education and outreach activities may show improved participating figures in available services. Additional education and outreach activities may also help develop long-term commitment and support for ISWM programs within the Planning Area.

X. Implementation Timeline: *101.13(2)"j"*

Below is the 5-year implementation timeline proposed for consideration by Planning Area. The timeline illustrates activities and activity milestones that were identified through the Vision Casting process for consideration over the next planning cycle. The Planning Area will support its members in identifying strategies and working towards completion of those activities identified as reasonable solid waste management objectives. Please see the table below for details of activities, milestones, location, responsible parties/organizations, public education strategies, and anticipated impacts on the waste stream.

Proposed Activity & Milestones	Activity Location	Responsible Organization	Public Education Strategies	Anticipated Waste Stream/Diversion Impact	Year of Activity
Agency Operations					
Contact similarly sized solid waste agencies to determine staff, management, and budget structures for operations.	Planning Area	Planning Area	Public meetings	None.	2020
Work to determine activities a full or part-time Agency administrator may perform and the benefits this position may offer for ISWM services, and infrastructure and program management.	Planning Area	Planning Area	Public meetings	None.	2020
If considered desirable, determine potential salary (including benefits) and evaluate methods to fund the position.	Planning Area	Planning Area	Public meetings	None.	2020
Consider creating an Agency Administrator position.	Planning Area	Planning Area	Public meetings	Increased focus on ISWM services and infrastructure.	2020-21
Tire Management and Market Development					
Contact the DNR, Iowa Waste Exchange, and the Iowa Waste Reduction Education Center to determine how other communities, solid waste agencies, or private entities are managing their waste tires.	Planning Area	Planning Area	Public and program meetings	None until program is implemented.	2020-21
Consider contacting waste tire management vendors (i.e., shredding equipment vendors) to evaluate potential operational costs.	Planning Area	Planning Area	Public and business/economic group meetings	None until program is implemented.	2020-21

Proposed Activity & Milestones	Activity Location	Responsible Organization	Public Education Strategies	Anticipated Waste Stream/Diversion Impact	Year of Activity
Evaluate identified alternative tire waste management practices identified and compare the current and projected long-term costs to current program costs.	Planning Area	Planning Area	Public and program meetings	None until program is implemented.	2020-21
Consider meeting with state legislators representing Planning Area members to discuss the costs of managing waste tires and potential alternative strategies and/or programs.	Planning Area	Planning Area	Public and program meetings	None until program is implemented.	2021-22
If appropriate, work with vendors and/or state legislators to implement alternative waste tire management program.	Planning Area	Planning Area	Public and program meetings	Improved tire collection program costs.	2021-22
Illegal Dumping Enforcement					
Contact the DNR, Keep Iowa Beautiful (KIB), solid waste agencies, and local and state law enforcement to identify existing effective illegal dumping enforcement campaigns and programs. Evaluate the results and potential costs for implementing similar programs in the Planning Area.	Planning Area	Planning Area	Public meetings and program meetings with other solid waste agencies	Decrease in illegal dumping activities.	2020-21

Proposed Activity & Milestones	Activity Location	Responsible Organization	Public Education Strategies	Anticipated Waste Stream/Diversion Impact	Year of Activity
Work with communities and the county to develop methods to begin tracking the operational costs (i.e., labor hours, mileage, supplies, disposal costs, etc.) for cleaning up locations of illegal dumping activity. Communicate these annual costs in the Planning Area to help discourage illegal dumping activities and encourage residents to report illegal dumping activities.	Planning Area	Planning Area	Public meetings	Decrease in illegal dumping activities.	2021-22
Work to identify and prioritize areas of repeat illegal dumping activities and work to implement deterrents (i.e., signage, lighting, barriers, surveillance, etc.).	Planning Area	Planning Area	Public meetings	Decrease in illegal dumping activities.	2021-22
Evaluate existing illegal dumping ordinances to ensure they are updated and if enforced, would serve as a good deterrent. Support updating the ordinances as necessary.	Planning Area	Planning Area	Public meetings	Decrease in illegal dumping activities.	2022-23
Consider working with the County Attorney to develop designated days for illegal dumping activities, and other environmental infractions, to be addressed in court.	Planning Area	Planning Area	Public meetings	Decrease in illegal dumping activities.	2022-23
Work with local law enforcement to determine what support and what information may be necessary for them to enforce illegal dumping.	Planning Area	Planning Area	Public meetings	Decrease in illegal dumping activities.	2022-23

Proposed Activity & Milestones	Activity Location	Responsible Organization	Public Education Strategies	Anticipated Waste Stream/Diversion Impact	Year of Activity
Consider implementing, or supporting, an illegal dumping program throughout the Planning Area.	Planning Area	Planning Area	Public meetings	Decrease in illegal dumping activities.	2023-24
Free Appliance Disposal					
Evaluate the operational costs of the Agency's and other regional solid waste agency appliance program activities.	Planning Area	Planning Area	Agency meetings	None until the program is implemented.	2021-22
Consider operational costs and potential revenues (i.e., sale of scrap metal) for Agency staff to demanufacture appliances at the Transfer Station.	Planning Area	Planning Area	Agency meetings	None until the program is implemented.	2021-22
Work with regional solid waste agencies to consider establishing a regional service contract for the demanufacturing and recycling of discarded appliances.	Planning Area	Planning Area	Public meetings	None until the program is implemented.	2022-24
Work to determine program protocol and monitoring procedures for offering free appliance disposal to Planning Area residents. Evaluate methods to fund the program.	Planning Area	Planning Area	Agency meetings	None until the program is implemented.	2022-23
Consider initiating free appliance disposal program for residents of the Planning Area.	Planning Area	Planning Area	Public meetings	Increase in appliances accepted.	2024-25

Proposed Activity & Milestones	Activity Location	Responsible Organization	Public Education Strategies	Anticipated Waste Stream/Diversion Impact	Year of Activity
HHM Collection Events					
Contact the DNR, regional solid waste agencies, and the designated landfill that receives the Transfer Station's waste to determine what service options and funding may be available to support mobile HHM collection events in the Planning Area.	Planning Area	Planning Area	Public and Agency meetings	None until the program is implemented.	2020-21
Contact private contractors that offer HHM collection event services to determine potential costs.	Planning Area	Planning Area	Public and Agency meetings	None until the program is implemented.	2021-22
Evaluate the operational feasibility for establishing an HHM satellite collection site at the Transfer Station that is either serviced by a RCC or private contractor.	Planning Area	Planning Area	Agency meetings	None until the program is implemented.	2021-22
Evaluate methods to financially support a permanent HHM collection program (i.e., satellite facility or regular collection events).	Planning Area	Planning Area	Agency meetings	None until the program is implemented.	2022-23
Consider implementing an HHM program that provides HHM services to residents and very small quantity generators within the Planning Area.	Planning Area	Planning Area	Public and agency meetings	Improved HHM diversion	2023

Proposed Activity & Milestones	Activity Location	Responsible Organization	Public Education Strategies	Anticipated Waste Stream/Diversion Impact	Year of Activity
Evaluate Costs of E-Waste Program					
Evaluate current E-waste program costs and contact other solid waste agencies to compare their program costs.	Planning Area	Planning Area	Public and agency meetings	None until the program is implemented.	2020-22
Work with E-waste recycling vendors to consider potential future changes to program costs due to changing materials (i.e., less precious metals, more plastic waste, etc.) received in the E-waste program.	Planning Area	Planning Area	Public and agency meetings	None until the program is implemented.	2020-22
Consider working with other solid waste agencies to evaluate feasibility of establishing a regional E-waste recycling contract.	Planning Area	Planning Area	Public and agency meetings	Increased e-waste diversion.	2022-23
Continue to evaluate strategies to decrease E-waste program costs.	Planning Area	Planning Area	Public and agency meetings	Increased e-waste diversion.	2020-2025

Proposed Activity & Milestones	Activity Location	Responsible Organization	Public Education Strategies	Anticipated Waste Stream/Diversion Impact	Year of Activity
Education and Outreach					
Work to categorize existing education and outreach efforts (i.e., events, groups contacted, tours, etc.) completed in previous years.	Planning Area	Planning Area	Public and agency meetings	None	2020-21
Contact education and conservation groups and teachers to determine potential education and/or outreach services or activities desired.	Planning Area	Planning Area	Public and agency meetings	None	2020-21
Consider developing a waste directory services guidebook and/or website.	Planning Area	Planning Area	Public and agency meetings	None	2020-21
Consider contacting other solid waste agencies and educational resources (i.e., solid waste educators group) to request educational and outreach resources.	Planning Area	Planning Area	Public and agency meetings	Increased proper program participation and waste diversion.	2020-25
Continue to expand education and outreach service activities throughout the Planning Area.	Planning Area	Planning Area	Public and agency meetings	Increased proper program participation and waste diversion.	2020-25

ATTACHMENT A

RESOLUTION ADOPTING PLAN

Resolution Approving the Louisa County Regional Solid Waste Agency 2020 Solid Waste Comprehensive Plan Update

WHEREAS, section 455B.302 of the Code of Iowa requires every city and county of this state to provide for the establishment and operation of a comprehensive solid waste reduction program consistent with the waste management hierarchy under section 455B.301A, and a sanitary disposal project for final disposal of solid waste by its residents; and

WHEREAS, section 455B.306(1) of the Code of Iowa requires that all cities and counties file with the director of the department of natural resources a comprehensive plan detailing the method by which the city or county will comply with the requirements of section 455B.302 to establish and implement a comprehensive solid waste reduction program for its residents; and

WHEREAS, a comprehensive plan, as described in section 455B.306 of the Code of Iowa has been prepared at the direction of and in participation with the Louisa County Regional Solid Waste Agency, by Barker Lemar Engineering Consultants, and dated 4/14/20; and

WHEREAS, the Louisa County Regional Solid Waste Agency has determined that the adoption and implementation of the proposed comprehensive plan is in the best interest of the Louisa County Regional Solid Waste Agency with respect to satisfying the Louisa County Regional Solid Waste Agency statutory duties.

NOW, THEREFORE, IT IS HEREBY RESOLVED BY THE Louisa County Regional Solid Waste Agency that the proposed comprehensive plan is hereby adopted as the comprehensive solid waste reduction plan of the Louisa County Regional Solid Waste Agency.

AND BE IT FURTHER RESOLVED that the Louisa County Regional Solid Waste Agency shall implement and participate in the programs set forth in the comprehensive plan.

AND BE IT FURTHER RESOLVED that the comprehensive plan shall be submitted to the Iowa Department of Natural Resources, on behalf of the Louisa County Regional Solid Waste Agency in satisfaction of section 455B.306(1) of the Code of Iowa.

Brad Duff
Name

4/14/20
Date

ATTACHMENT B

METHODS OF PROMOTING MEETINGS, SIGN-IN SHEETS, AND MINUTES

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09/26/2019	Balance forward			0.00
10/10/2019		6.23	legal	6.23
	Upcoming Meeting October 15, 2019			
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11/15/2019	Amount Due			6.23

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Louisa County Regional Solid Waste Agency upcoming meeting, Oct. 15, 2019

Louisa County Regional Solid Waste Agency will discuss the Solid Waste Comprehensive Plan Update at 5:30 p.m., Tuesday, October 15 at the Transfer Station, 14048 70th Street, Wapello, Iowa 52653

The public is welcome to attend the meeting to discuss solid waste management programs within the planning area.

12-41-1

PROOF OF PUBLICATION

STATE OF IOWA, LOUISA COUNTY, ss:

I, Mike Hoops publisher of the THE WAPELLO REPUBLICAN a Weekly Newspaper, published and printed in said County, and of general circulation therein, do solemnly swear that a notice, of which the annexed is a true copy, was published in said paper, on the 10 day of Oct ,20 19

Subscribed and sworn to by Mike Hoops before me this 10 day of Oct , 20 19

Printer's Fee $ 6.23

KRISTIN E HENNING
Commission Number 811618
My Commission Expires
July 17, 2021

Kristin E Henning

My Commission Expires July 17 2021

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Commission Number 811618
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July 17, 2021

Kristin E Henning

My Commission Expires July 17 2021

Comprehensive Plan Public Meeting
Tuesday, October 15, 2019

At 5:30 PM the meeting was called to order by Chairman Kaalberg. In attendance were: Phil Kaalberg, Brad Quigley, Benita Grooms, Chester Grogan, Mary Boysen, Brad Quigley, Jack Reif, Charles Wagg, Gene Arnold, Gabe & Christina Hewitt, Joellen Schantz, Lana Artz McComb (Louisa County Conservation/Environmental Education), Jim Rudisill (newspaper) and Jeff Phillips (Barker Lemar Engineering.) There was no attendance from the general public.

Jeff Phillips (Barker Lemar) was present to discuss the Solid Waste Comprehensive Plan Update. The DNR requires submittal of a Comp Plan every 5 years. Discussion ensued regarding programs that could be added or improved to enhance our agency and improve our community.

At 6:05 PM the Comprehensive Plan Public Meeting was adjourned.

Joellen Schantz

Joellen Schantz, Secretary/Treasurer

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Louisa County Regional Solid Waste Agency upcoming meeting, January 21, 2020

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The public is welcome to attend the meeting to discuss the 2020 Solid Waste Comprehensive Plan Update.

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Subscribed and sworn to by Mike Hodges before me this 9 day of Jan , 2020

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Kristin E Denning

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LOUISA REGIONAL SOLID WASTE AGENCY

Comprehensive Plan Public Meeting

Tuesday, January, 2020 at 5:30 P.M.

LOUISA COUNTY TRANSFER STATION

AGENDA

5:30 P.M. - 2020 Comprehensive Plan Discussion and Approval with

Barker Lemar Engineering Consultants

LOUISA REGIONAL SOLID WASTE AGENCY
Comprehensive Plan Public Meeting
Tuesday, January 21 2020

At 5:30 PM the meeting was called to order by Co-Chairman Jeff Vonnahme. In attendance were: Vonnahme, Joellen Schantz, Devin Carrier, and Gene Arnold. There was no attendance from the general public.

Jeff Phillips (Barker Lemar Engineering) was present to review the draft of the 2020 Comprehensive Plan Update.

At 6:05 PM the Comprehensive Plan Public Meeting was adjourned.

Joellen Schantz, Secretary/Treasurer

Louisa County Regional Solid Waste Agency 2025 Comprehensive Plan Update

Louisa County Regional Solid Waste Agency
14048 70th St
Wapello, IA 52653

SCS ENGINEERS

Project Number 27224438.00 | April 2025

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Table of Contents

Section Page

1.0 Planning Area Changes 1
1.1 Permanent Changes in the Planning Area 1
2.0 Evidence of Cooperation 1
2.1 Resolution(s) 1
2.2 Letters of Cooperation 1
2.3 List of Contracts and 28E Agreements that Have Changed 1
3.0 Public Participation 1
3.1 Public Input Strategies 1
3.2 Public Hearings/Meetings 1
4.0 Member Priorities and Assistance 3
4.1 Community Activities to Promote Recycling 3
4.2 Community's Most Important Issue Related to Solid Waste Management 3
4.3 Programs the Community Would Like to See Considered for Implementation 3
4.4 Assistance Community May Need to Implement Desired Programs 4
4.5 Comparison of Previous Satisfaction Survey Results 4
5.0 Priorities Identified in Previous Plans 4
6.0 Baseline Waste Stream Report 5
7.0 Changes in Area Demographics 5
8.0 Current Waste Composition and Generation 5
8.1 Changes in Waste Generation Since Previous Approved Plan 5
8.2 Changes in Waste Composition Since Previous Approved Plan 6
8.3 Effects of Anticipated Planning Area Modifications 6
9.0 Existing Integrated Solid Waste Management Report 6
9.1 New and Evolving Programs and Services 6
9.1.1 Motor Oil and Lead Acid Batteries 6
9.1.2 Appliances 6
9.1.3 Tires 6
9.1.4 Electronic Waste 6
9.1.5 Backyard Composting and Yard Waste 6
9.1.6 Household Hazardous Materials (HHM) 7
9.1.7 Glass, Paper, Plastic, and Metals 7
9.2 Programs Implemented Since Previous Approved Plan 7
10.0 Evaluation of Progress Toward Goals 7
11.0 Analysis of Solid Waste Alternatives 8
12.0 Implementation Timeline 10

Figures

Figure 1. Average Service or Program Category Satisfaction Rankings 2

Tables

Table 1. Total Votes for Satisfaction Ranking Votes by Service and Program Category 3
Table 2. Historical Average Service or Program Category Satisfaction Rankings 4
Table 3. 2025 Identified ISWM Priorities for Planning Area 5
Table 4. Total Planning Area Generated Tons Disposed 8
Table 5. Planning Area Waste Diversion Percentage 8

Attachments

Attachment A – Planning Area Resolution Adopting the 2025 Plan

Attachment B – Methods of Promoting Meetings and Sign-in Sheets

1.0 PLANNING AREA CHANGES

1.1 Permanent Changes in the Planning Area

The previous comprehensive plan update (Plan) for the Louisa County Regional Solid Waste Agency Planning Area (Planning Area) was approved by the Iowa Department of Natural Resources (DNR) on May 15, 2020. There have been no amendments to the Planning Area since the previous Plan was approved.

The current Planning Area members consists of the cities Columbus City, Columbus Junction, Cotter, Fredonia, Grandview, Letts, Oakville, and Wapello and the unincorporated area in Louisa County.

No changes in waste streams have been observed due to new business or industry active within the Planning Area.

2.0 EVIDENCE OF COOPERATION

2.1 Resolution(s)

See Attachment A for a resolution from the Planning Area adopting the 2025 Plan.

2.2 Letters of Cooperation

There are no private solid waste disposal facilities in the Planning Area.

2.3 List of Contracts and 28E Agreements that Have Changed

No changes have been made to applicable contracts or the 28E since the previous Plan was approved.

3.0 PUBLIC PARTICIPATION

3.1 Public Input Strategies

The Planning Area held two public meetings to formally discuss the Plan on the following dates:

- January 21, 2025; and
- April 22, 2025.

Methods of promoting these meetings and sign-in sheets are located in Attachment B.

The Planning Area submitted draft copies of the Plan to every member community and to area libraries on March 21, 2025. A letter was enclosed with the draft copy stating the objective of the Plan and inviting interested parties to submit comments. The letter also encouraged interested parties to attend the public meeting on April 22, 2025 to finalize the Plan.

3.2 Public Hearings/Meetings

The Planning Area held two public meetings to formally discuss the Plan on the following dates:

- January 21, 2025; and
- April 22, 2025.

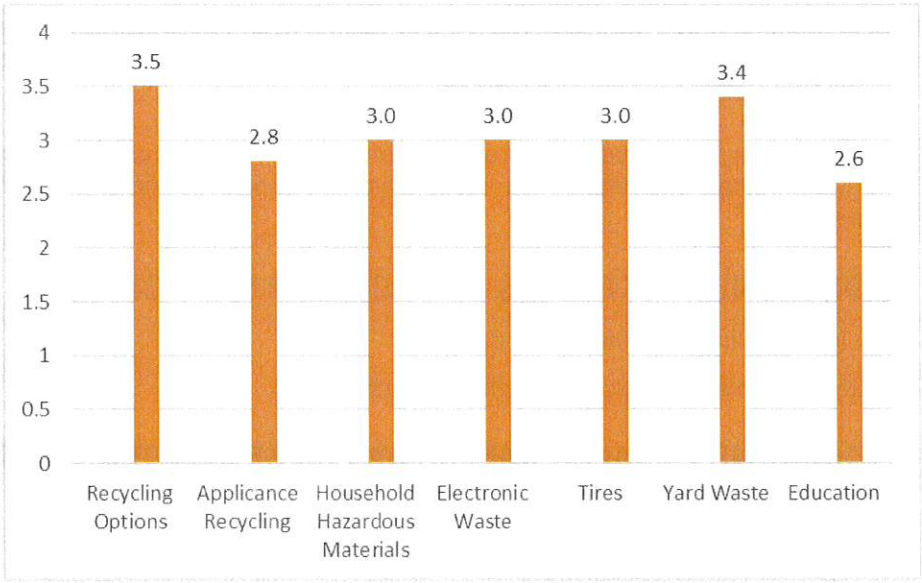
Prior to the first meeting, SCS Engineers (SCS) submitted surveys to the Planning Area members in October 2024 and followed up with non-responders in November 2024 and December 2024. The purpose of these surveys was to encourage Planning Area member engagement with the Plan, to obtain satisfaction levels for listed recycling and education programs, identify Planning Area member integrated solid waste management (ISWM) priorities and potential needs, and to capture information pertaining to current ISWM program services.

During the January 21, 2025, public meeting, SCS presented a summary of the survey results.

Of the 9-member communities, SCS received 7 completed surveys. This represents a response rate of approximately 78%. The following sections provide a summary of the responses received.

The survey asked respondents to rate their community's general satisfaction for a variety of services and programs related to recycling. Respondents were asked to rank each service or program category from very low (1) to very high (4). The average satisfaction rankings received are presented in Figure 1 below.

Figure 1. Average Service or Program Category Satisfaction Rankings



As shown in Figure 1 above, respondents indicated they were generally satisfied with both Recycling Options and Yard Waste categories. The Appliance Recycling and Education categories received the lowest average satisfaction ranking of 2.8 and 2.6 respectively.

Low satisfaction scores may indicate that respondents are unsatisfied with the available level, access, or cost of a particular service. Low satisfaction scores may also indicate that a respondent is unaware of the services or programs that are available. This would indicate that additional service and/or program promotion and outreach may be beneficial.

Table 1 below shows the total number of ranking votes that were received for each service and program category by satisfaction ranking.

Table 1. Total Votes for Satisfaction Ranking Votes by Service and Program Category

Service or Program	Total Satisfaction Ranking Votes				Total Votes
	4 (very high)	3	2	1 (very low)	
Recycling Options	4	1	1	0	6*
Appliance Recycling	2	1	1	1	5*
HHM	3	0	1	1	5*
E-Waste	3	0	1	1	5*
Tires	3	0	1	1	5*
Yard Waste	3	1	1	0	5*
Education	2	0	2	1	5*

*Response not received and/or replied N/A from one or more communities.

4.0 MEMBER PRIORITIES AND ASSISTANCE

The last portion of the survey asked respondents to answer open-ended questions pertaining to their current efforts to promote waste diversion, the most important solid waste issues for their community, what they would like to see considered for implementation, and what assistance they may need to establish priority services or programs.

The following is a summary of the responses received for each open-ended question. Respondents were able to provide multiple answers. Similar responses were combined and are presented in the following sections.

4.1 COMMUNITY ACTIVITIES TO PROMOTE RECYCLING

5 – Provide recycling containers/dumpsters

1 – Notify residents of program through newsletters

4.2 COMMUNITY'S MOST IMPORTANT ISSUE RELATED TO SOLID WASTE MANAGEMENT

2 – Proper recycling participation

1 – Dumpster for recycling in community

1 – Extended hours for the transfer station

1 – Tires

4.3 PROGRAMS THE COMMUNITY WOULD LIKE TO SEE CONSIDERED FOR IMPLEMENTATION

1 – Scrap metal pickup

4.4 ASSISTANCE COMMUNITY MAY NEED TO IMPLEMENT DESIRED PROGRAMS

1 - Budget/Funding

1 - Additional hauling for scrap metal

4.5 COMPARISON OF PREVIOUS SATISFACTION SURVEY RESULTS

Table 2 below compares the most recent average service or program category satisfaction rankings with those from the 2020 Plan.

Table 2. Historical Average Service or Program Category Satisfaction Rankings

Service of Program	Average Satisfaction Ranking by Category and Year		2020 - 2024 Difference
	2024	2020	
Recycling Options	3.5	2.8	0.7
Appliances	2.8	1.6	1.2
HHM	3.0	1.6	1.4
E-Waste	3.0	2.0	1.0
Tires	3.0	1.6	1.4
Yard Waste	3.4	2.0	1.4
Education	2.6	2.2	0.4

Table 2 above indicates that between 2020 and 2024 there has been a general increase in the average satisfaction rankings for the listed services and program categories. The largest increase in satisfaction ranking was a three-way tie among HHM, Tires, and Yard Waste with a difference of 1.4.

There can be many reasons for changes in satisfaction rankings over the years, ranging from different individuals responding to the surveys to changes within the industry between these times.

5.0 PRIORITIES IDENTIFIED IN PREVIOUS PLANS

The following is a list of the priorities that were identified in the 2020 Plan. While these previously identified priorities may not be of the same importance today, they may help provide some helpful context as the Planning Area works to identify priorities for consideration over the next several years.

2020 - Identified Priorities:

- Agency Operations
- Tire Management and Market Development
- Illegal Dumping Enforcement
- Free Appliance Disposal
- HHM Collection Events
- Evaluate Costs of E-Waste Program

- Education and Outreach

Following an open discussion about past and new priorities, SCS asked the January 2025 public meeting participants to select their top three ISWM priorities. SCS collected and tallied the results. Individual selection scores were weighted according to the identified priority (i.e., 1st priority was weighted at 4, 2nd priority was weighted at 3, 3rd priority was weighted at 2, and the 4th priority was weighted at 1). The ISWM priorities as selected by the meeting participants are presented in Table 3 below.

Table 3. 2025 Identified ISWM Priorities for Planning Area

Identified ISWM Priority	Priority				Weighted Priority Selection Total
	1	2	3	4	
Funding Opportunities Research	2	7	0	0	**29**
Lithium Battery Management	2	1	5	1	**22**
Illegal dumping enforcement	2	1	3	3	**20**
Multi-Lingual Educational Materials	3	0	1	5	**19**

The identified ISWM priorities assisted the Planning Area in developing a 5-year implementation timeline presented in Section 10 of this Plan.

6.0 BASELINE WASTE STREAM REPORT

The DNR will provide an updated goal progress calculation using the most current complete fiscal year data set. This calculation will be performed at the time of Plan approval.

See Section 8.0 of this Plan for an analysis of historical goal progress reports and the goal progress calculation the DNR provided 12 months prior to the Plan's submittal due date.

7.0 CHANGES IN AREA DEMOGRAPHICS

There have been no significant changes to population or employment since the previous Plan was approved. Between FY 2019 and FY 2024, the population of the Planning Area member communities increased slightly from 10,359 to 10,482. This represents approximately a 1.2% increase in the Planning Area population. The number of jobs in the Planning Area increased as well, from 3,646.53 in FY2019 to 3,808.16 in FY2024, leading to a 4.4% increase in employment.

There have been no significant changes to industries since the previous Plan was approved.

8.0 CURRENT WASTE COMPOSITION AND GENERATION

8.1 Changes in Waste Generation Since Previous Approved Plan

The Agency has not observed significant changes in disposal tonnages since the previous Plan was approved.

8.2 Changes in Waste Composition Since Previous Approved Plan

The Agency has not witnessed any changes in the waste stream composition since the last Plan was approved.

8.3 Effects of Anticipated Planning Area Modifications

In 2025, a new 8,000-acre solar array will be built in the Planning Area. This is a new project for the Planning Area. This construction may cause an increase in waste generation and change in composition during construction, or it may not affect the Planning Area at all if the waste is loaded up and returned to the generator.

9.0 EXISTING INTEGRATED SOLID WASTE MANAGEMENT REPORT

9.1 NEW AND EVOLVING PROGRAMS AND SERVICES

The following is a description of current and new and/or evolving strategies, efforts, and programs implemented within the Planning Area to address the following identified materials.

9.1.1 Motor Oil and Lead Acid Batteries

Motor oil is also accepted at the Transfer Station for a small fee. Collected used motor oil is given to local mechanical shops to be used as a supplemental fuel for heat.

The Agency accepts lead acid batteries ($1.00/each). Local automotive supply retailers and maintenance shops also accepts this material from their customers for a variable fee. The Transfer Station and these businesses use a variety of recycling service providers to collect, process, and recycle the collected materials.

9.1.2 Appliances

The Agency accepts appliances at the transfer station for a fee of $12 per appliance. These are processed by the Transfer Station and scrap metal is sent to Weikert Iron and Metal Recycling in Muscatine, Iowa.

9.1.3 Tires

The Agency accepts up to 17 inch tires without rims for a fee of $5 per tire. Trucks tires measuring 18 inches to 24.5 inches are accepted for a fee of $12 per tire. Tractor, implement, and large tires over 24.5 inches are not accepted. Tires are sent to Lindsey Boys in Ottumwa, Iowa. .

9.1.4 Electronic Waste

The Agency accepts televisions, monitors, and other electronic waste for various fees to be processed by A-TEC Recycling in Des Moines, Iowa.

9.1.5 Backyard Composting and Yard Waste

Yard waste is not accepted by the Agency at this time. Multiple cities within the County either have yard waste collection or a site for yard waste disposal.

9.1.6 Household Hazardous Materials (HHM)

HHW material is collected by the Muscatine Recycling Center and Transfer Station. There is no fee to county residents, but the Agency pays the City of Muscatine $35 semi-annually for providing the service.

9.1.7 Glass, Paper, Plastic, and Metals

The Agency has drop-off recycling containers available at the Transfer Station. The Agency accepts cardboard, office paper, newspaper, magazines, plastics, metal cans, and glass for recycling. The available curbside and drop-off recycling services are promoted using the County's website, flyers, and word of mouth. Cardboard, metal, and plastic collected at the Agency are sent to Waste Commission of Scott County in Davenport, Iowa. Glass is recycled at the Des Moines County Landfill.

9.2 PROGRAMS IMPLEMENTED SINCE PREVIOUS APPROVED PLAN

The programs listed in this section have continued to be implemented and/or improved since the previous comprehensive plan.

Recycling and Reuse: *Recycling Programs*

Several Agency members have residential curbside recycling services available for cardboard, office paper, newspaper, magazines, plastics, metal cans, and glass. The same materials are also collected in drop-off recycling containers at the Transfer Station. These drop-off recycling containers are for residents and communities without access to recycling. They are not intended for commercial use. The funding the Planning Area is seeking is not limited to any specific avenue related to recycling.

Recycling and Reuse: *Education*

The Agency promotes the recycling programs on their website and through newsletters. The Agency also contracts with the Louisa County Conservation Department to provide education within the Louisa County Public Schools, public programs, and at the Louisa County Fair.

Recycling and Reuse: *Tire Management*

The Agency requested bids from tire recycling vendors. Lindsey Boys Tires was selected for better pricing.

Recycling and Reuse: *Electronic Waste*

The Agency negotiated better pricing with A-TEC Recycling for the electronic waste it collects.

Solid Waste Management: *Landfill Operations*

Over the past five years, the Agency has made several updates to their equipment and facilities to improve efficiency in the solid waste collection process.

10.0 EVALUATION OF PROGRESS TOWARD GOALS

The Planning Area and its members remain committed to providing ISWM services that seek to increase waste reduction, diversion, participation, and program effectiveness.

Through the received surveys and facilitated planning Session, the Planning Area identified specific ISWM system goals and long-term objectives. The results of the surveys and planning Session helped the Planning Area prioritize ISWM goals and allow for the development of the specific milestones identified in Section 10.0 Implementation Timeline of this Plan.

Table 4 illustrates the total tons of waste generated within the Planning Area received for disposal for fiscal year (FY) 2019 and 2024.

Table 4. Total Planning Area Generated Tons Disposed

FY	Planning Area Generated Tons Disposed	Percent Change in Total Planning Area Generated Tons Disposed
2019	5,489.79	
2024	6,723	22.5%

Between FY 2019 and FY 2024, the Transfer Station saw an increase in disposed tons of around 22.5%. Transfer Station staff and other solid waste planners within the Planning Area have not found an explanation for the increased tonnages. Transfer Station staff indicated that they have not seen a change in waste types received for disposal. The Planning Area will continue to observe incoming waste for changes in volumes and types of waste received.

Table 5 illustrates the most recently approved waste diversion percentage and the current unofficial waste diversion percentage as provided by the DNR.

Table 5. Planning Area Waste Diversion Percentage

FY	Waste Diversion Percentage	Percent Change in Waste Diversion Percentage
2019	4.3%	
2024	(10.32%)*	340.0%

*Unofficial figure. The DNR will provide an official figure using the most recent data when the Plan is approved.

Based on the unofficial figure provided by the DNR for FY 2024, the Planning Area may see a decrease in waste diversion by 340%. It is anticipated that the Planning Area will not maintain a waste diversion percentage above the 25% goal as established by the State of Iowa. This potential change in waste diversion percentage calculation (4.3% to -10.32%) will not change the Planning Area's retained and submitted state tonnage fees for disposed tonnages.

11.0 ANALYSIS OF SOLID WASTE ALTERNATIVES

ISWM priorities identified as a result of the surveys and planning Session include the following and are listed in order of selected priority:

1. Funding Opportunities Research
2. Lithium Battery Management

3. Illegal Dumping Enforcement
4. Multi-Lingual Educational Materials

The following is a summary analysis of the potential impact of the identified ISWM priorities.

Funding Opportunities Research

Many attending the Planning Area meeting expressed a need for or interest in increasing recycling services and activities at the Transfer Station and throughout the Planning Area. The Planning Area recognized this and identified funding to support recycling activities as an opportunity to increase recycling services to residents while potentially decreasing contamination. To obtain financial assistance for these activities, the Planning Area may seek grant programs through public and private entities by performing research and applications. Several Agency members have residential curbside recycling services available for cardboard, office paper, newspapers, magazines, plastics, metal cans, and glass. The same materials are also collected in drop-off recycling containers at the Transfer Station. The funding the Planning Area is seeking is not limited to any specific avenue related to recycling.

Examples of funding to support recycling include:

- Contamination study
- Additional/improved infrastructure (i.e. building expansions, roll-off containers, haul vehicles/trailers)
- Increased educational material
- Increase staff to monitor drop-off areas

Lithium Battery Management

To address the dangers of improperly disposed lithium batteries, the survey results indicated the desire for an official lithium battery management plan. The Board identified this as a program to implement in the next five years to continue to divert materials. This program may include the following:

- Education about proper disposal
- Drop-off locations
- Clean-up days throughout the year

Illegal Dumping Enforcement

Illegal dumping enforcement is a continued priority from the 2020 vision casting session. The Board Members addressed the importance of funding for measures to help prevent this illegal activity and support enforcement efforts. It was suggested to examine the Keep Iowa Beautiful litter enforcement aid and grants to support these efforts. This would allow the Planning Area to acquire materials and technology to better protect the landfill and other areas.

Multi-Lingual Educational Materials

Many Planning Area Members promote recycling and other solid waste programs through flyers or newsletters. Meeting attendees noted a need for educational materials in other languages to reach a broader audience. The Planning Area may consider contacting a translator to develop postcards, flyers, stickers, or pamphlets to distribute amongst Planning Area Members. This material may also be posted online for interpretation.

12.0 IMPLEMENTATION TIMELINE

Below is a proposed 5-year implementation timeline for the Planning Area to consider for implementation. The timeline reflects the ISWM priorities identified during the planning Session, and shows proposed activities, engagement strategies, and anticipated waste diversion impacts. All the proposed activities would occur within the Planning Area and the Planning Area members would be responsible for implementing selected activities.

Proposed Activity (Agency Responsible)	Public Education Strategies	Anticipated Waste Diversion Impact	Year of Activity
Funding Opportunities Research			
Work with the Agency to identify existing waste diversion programs.	Meetings	None	2025 – 2026
Contact the Agency to review current and desired future education and outreach efforts/activities that promote ISWM programs/services and their associated costs.	Meetings	None	2025 – 2026
Create and send a survey for Planning Area members to measure the understanding of current ISWM programs and services and inquire on additional programs or services to be considered.	Distribute survey	None	2025 – 2026
Research available education campaign templates and ideas that provide free templates for a variety of ISWM programs, services, and awareness campaigns.	Research	None	2025 – 2026
Contact DNR to determine financial assistance available to support the Agency Board for ISWM program education and outreach.	Research	None	2026 – 2027
Contact Keep America Beautiful, DNR, EPA, and other agencies to determine financial assistance	Research	None	2026 – 2027

available to support the Agency Board for ISWM program education and outreach.			
Prepare necessary grant application materials and apply to obtain funding for program improvements and expansions.	Applications	Increased waste diversion and program participation	2027 - 2030
Educate Planning Area members about new/expanded ISWM programs.	Meetings and distribute educational materials	Increased waste diversion program participation	2027 - 2030
Proposed Activity (Agency Responsible)	**Public Education Strategies**	**Anticipated Waste Diversion Impact**	**Year of Activity**
Lithium Battery Management			
Review current program and promotional material for lithium battery disposal.	Meetings	None	2025 - 2026
Research and apply for grant and funding opportunities available to provide support to increase program infrastructure.	Research	None	2025 - 2026
Evaluate training resources for staff through available programs for proper identification and disposal procedures.	Research	None	2025 - 2026
Consider implementing or facilitating training programs for staff on a regular basis.	Training	Increased waste diversion program participation	2026 - 2027
Consider a seasonal event to collect lithium batteries.	Program/Service	Increased waste diversion program participation	2027 - 2028
Consider drop-off locations for lithium batteries to increase convenience.	Program/Service	Increased waste diversion program participation	2027 - 2028

Consider a community engagement event to showcase the importance of proper lithium battery disposal and inform the public of items that may contain lithium batteries.	Engagement event	Increased waste diversion program participation	2027 - 2029
Continue to promote and educate Planning Area members about the importance of proper disposal for lithium batteries.	Promotion of activities	Increased waste diversion program participation	2029 - 2030
Proposed Activity (Agency Responsible)	**Public Education Strategies**	**Anticipated Waste Diversion Impact**	**Year of Activity**
Illegal Dumping Enforcement			
Review current enforcement procedures and illegal dumping trends.	Meetings	None	2025 - 2026
Research and apply for grant and funding opportunities available to acquire materials and improved technology.	Research	None	2025 - 2027
Consider implementing security systems to supervise the facilities after hours.	Purchasing of equipment	Increased waste diversion program participation & decreased illegal dumping	2027 - 2030
Consider updating signage and fencing to enforce the illegal dumping policy.	Purchasing of equipment	Increased waste diversion program participation & decreased illegal dumping	2027 - 2028
Consider a community engagement event to notify the public of proper channels of waste disposal and the consequences of illegal dumping.	Engagement event	Increased waste diversion program participation & decreased illegal dumping	2028 - 2030

Continue to promote proper disposal programs and monitor illegal dumping activity.	Promotion of activities	Decreased illegal dumping	2025 – 2030
Proposed Activity (Agency Responsible)	**Public Education Strategies**	**Anticipated Waste Diversion Impact**	**Year of Activity**
Multi-Lingual Educational Materials			
Meet with the Agency to identify existing services and activities.	Meetings	None	2025 – 2026
Work with the Agency to review current education and outreach efforts focused on promoting programs and services.	Meetings	None	2025 – 2026
Distribute surveys among the Planning Area or school districts to determine which languages material needs to be translated to.	Research	None	2025 – 2026
Research available education templates for the promotion of current programs in multi-lingual formats.	Research	None	2026 – 2027
Contact the DNR and Iowa Waste Reduction Center to determine assistance for translation for educational materials.	Research	None	2026 – 2027
Create multi-lingual educational materials to promote current programs via newspaper, radio, flyers, website, etc.	Create educational materials	Increased waste diversion program participation	2026 – 2027
Distribute new multi-lingual educational materials to Planning Area members.	Distribute educational materials	Increased waste diversion program participation	2027 – 2028

Consider establishing a centralized folder to serve as a digital library for historical and current ISWM education materials and available programs utilized by Planning Area members.	Meetings and access to educational materials	Increased waste diversion program participation	2027 – 2030
Consider establishing and maintaining a digital social media presence for the Planning Area. This digital social media presence would provide Planning Area members with a destination to post ISWM information and direct individuals to this site.	Meetings and public access to ISWM program/service information	Increased waste diversion program participation	2027 – 2030

Appendices Available Upon Request

Attachment A

Resolution Adopting the 2025 Plan

Attachment B

Methods of Promoting Meetings and Sign-In Sheets

August 10, 2023

BRAD QUIGLEY
CHAIRMAN OF THE BOARD
LOUISA REGIONAL SOLID WASTE AGENCY
11488 128TH STREET
WAPELLO IA 52653

Re: Louisa County Transfer Station
Permit #58-SDP-02-92P-XFR
Amendment #2 – 100yr. Floodplain Waiver Implementation Extension

Dear Mr. Quigley:

Enclosed is Amendment #2 to the transfer station permit issued on December 12, 2020, which requires the Louisa County Regional Solid Waste Agency to fully implement the storage of recyclable materials (e.g., appliances, electronics, recycling, batteries, scrap metal and used oil) and to modify cleaning protocols and material storage time frames no later than December 12, 2023 (previously July 1, 2023).

These measures are in accordance with the waiver granted December 20, 2022 (Doc #104709), excluding the open top roll-off container requirement, as expressed within the attached email correspondence. These agreed upon operational changes are in lieu of required site modifications (e.g., construct a berm or flood wall) to prevent floodwater inundation from a 100-year flood of any area that comes into contact with solid waste or washwater at the transfer station.

This amendment must be kept on file at the facility. Please review this amendment with your operators, as they must be familiar with it. Please also ensure to include this amendment within the Executive Summary submitted in conjunction with the facility's next permit renewal.

Thank you for your efforts to comply with Iowa's environmental regulations. Should you have any questions, please contact me at (515) 201-8272 or Chad.Stobbe@dnr.iowa.gov.

Sincerely,

Digitally signed by Chad A. Stobbe
Date: 2023.08.10 15:40:15 -05'00'

Chad A. Stobbe
Environmental Specialist Senior
Land Quality Bureau

Enclosures (3)

cc: Iowa DNR Field Office #6, Washington

IOWA DEPARTMENT OF NATURAL RESOURCES

SOLID WASTE TRANSFER STATION PERMIT

I. Permit Number: 58-SDP-02-92P-XFR

II. Permitted Agency: Louisa Regional Solid Waste Agency

III. Project Location: Louisa County Transfer Station
14048 70th Street
Wapello, IA 52653
Parcel ID: 0833292000
Phone: (319) 523-5013

IV. Responsible Official
Name: Brad Quigley, Chairman of the Board
Address: Louisa Regional Solid Waste Agency
11488 128th Street
Wapello, IA 52653
Phone: (319) 523-5271
Email: bquigley@louisaco-ia.org

V. Licensed Engineer
Name: Larry J. Roehl, P.E.
Address: Louisa County Engineer
8313 K Avenue
Wapello, IA 52653
Phone: (319) 523-5271
Email: lroehl.locoe@louisacomm.net
Iowa License #: P13211

VI. Date Permit Issued: December 12, 2020
Amendment #1 Date: December 20, 2022
Amendment #2 Date: August 10, 2023

VII. Permit Expiration Date: December 12, 2023

VIII. Issued by:

Digitally signed by Chad A. Stobbe
Date: 2023.08.10 15:41:04 -05'00'

Chad A. Stobbe
Department of Natural Resources

IX. General Provisions

The above-named permitted agency is hereby authorized to operate a solid waste transfer station (XFR) at the described location in conformance with Iowa Code section 455B, the rules pursuant thereto existing at the time of issuance, and any subsequent new rules which may be duly adopted, and any provisions contained in Section X of this permit.

The project shall be constructed and operated according to the engineering plans and specifications, the site operation plan approved by the Department of Natural Resources (DNR), and these shall become a part of this permit. Updated plans shall be submitted at the time of each permit renewal application and included with any request for permit modification or significant change in facility operation.

No legal or financial responsibility arising from the construction or operation of the approved project shall attach to the State of Iowa or the DNR due to the issuance of this permit. If title to this project is transferred, the new owner must apply to the DNR for a transfer of this permit within thirty (30) days of the date of title transfer. This permit is void sixty (60) days after the date of title transfer unless the DNR has transferred the permit.

The permit holder is required to maintain records for the service area of tonnages accepted at this facility in accordance with 567 Iowa Administrative Code (IAC) 106.13(455B,455D) and 567 IAC 106.14(455B,455D). Records shall be developed and maintained in such a way that tonnages from each county/state may be tracked in order to provide the local solid waste agency and the DNR with accurate statistics from which generation and diversion rates will be derived. The reports are due on a quarterly basis and shall be submitted to the DNR using Form #542-8025. The reports will be due January 1st, April 1st, July 1st and October 1st for the quarters ending September 30th, December 31st, March 31st and June 30th, respectively. The permit holder shall mail the completed form to the Iowa Department of Natural Resources; Land Quality Bureau; Wallace State Office Building; 502 East Ninth Street; Des Moines; Iowa 50319-0034. This reporting procedure supersedes any previous conflicting permit provisions.

A site inspection and report shall be completed annually by an Iowa-licensed professional engineer in accordance with 567 IAC 106.14(2). The inspection shall, at a minimum, cover the design standards pursuant to 567 IAC 106.10(455B) and shall reflect the facility's compliance with respect to the DNR-approved design and construction. The annual report shall be submitted to the Iowa Department of Natural Resources; Land Quality Bureau; Wallace State Office Building; 502 East Ninth Street; Des Moines; Iowa 50319-0034 by November 1st each year.

The permit holder shall provide continuous financial assurance coverage for site closure in accordance with 567 IAC 106.18(455B). The permit holder shall submit proof of compliance, including an updated closure cost estimate and proof of coverage with each permit renewal, until released from this requirement by the DNR.

The permit holder shall use a scale certified by the Iowa Department of Agriculture and Land Stewardship (IDALS) for the purposes of weighing and reporting solid wastes accepted at the transfer station. If conditions are such that make it impractical to provide an on-site scale, then off-site scale facilities or an alternative method to weighing may be used if approved by the DNR. The permit holder shall comply with the waste weighing, record keeping and tonnage fee reporting requirements defined in 567 IAC 101.14(445B,455D).

Solid waste accepted at this site shall not exhibit free liquids, toxic or hazardous properties. No hazardous wastes as defined by Iowa Code section 455B.411 may be accepted at this facility.

Failure to comply with Iowa Code section 455B, or any rule of order promulgated pursuant thereto, or any or all provisions of this permit may result in: 1) a civil penalty of up to $5,000 for each day of violation, pursuant to Iowa Code section 455B.307, or 2) the suspension or revocation of this permit, pursuant to Iowa Code section 455B.305.

The issuance of this permit in no way relieves the applicant of the responsibility for complying with all other local, state, and federal statutes, ordinances, and rules or other requirements applicable to the establishment and operation of this solid waste transfer station.

X. Special Provisions

1. The permit holder is authorized to accept up to 6,000 tons of municipal solid waste annually in accordance with the approved Louisa Regional Solid Waste Agency's Solid Waste Comprehensive Plan (Plan). The Plan as approved by the DNR on May 15, 2020, any approved amendments to the Plan, and the latest Plan update are hereby incorporated as permit documents.

   The permitted service area is described as: All cities, excluding Morning Sun, and the unincorporated area in Louisa County.

   Collected waste shall be disposed of at the Quad Cities Sanitary Landfill (Millennium Waste) in Milan, IL. The permit holder is not authorized to transfer any solid waste to any other sanitary disposal project in Iowa without first receiving DNR approval.

2. No provision in this permit or the updated and approved site operation plan, emergency response and remedial action plan, and closure plan, as described in the permit renewal application dated August 17, 2020 (Doc #98279), constitutes a waiver or variance from 567 IAC Chapter 106 or the Code of Iowa. Any conflict between a provision of the permit or referenced documents and Iowa rules or statutes shall be resolved in favor of the duly adopted rules and statutes.

3. The permit holder shall fully implement the storage of recyclable materials (e.g., appliances, electronics, recycling, batteries, scrap metal and used oil) and to modify cleaning protocols and material storage time frames no later than December 12, 2023. These measures are in accordance with the waiver granted December 1, 2022 (Doc #104709), excluding the open top roll-off container requirement.

The agreed upon operational changes are in lieu of required site modifications (e.g., construct a berm or flood wall) to prevent floodwater inundation from a 100-year flood of any area that comes into contact with solid waste or washwater at the transfer station. Please submit documentation to the DNR prior to the deadline documenting the implementation of these site modifications (include photos).

Pursuant to 561—10.19(17A,455A), if the alternative means of compliance provided in the granted waiver fail to achieve regulatory objectives, or the permit holder fails to comply with the conditions of the granted waiver and this permit, the DNR may require installation of a berm or flood wall to prevent floodwater inundation from a 100-year flood event in accordance with 567 IAC 106.9(1).

IOWA DEPARTMENT OF NATURAL RESOURCES

GOVERNOR KIM REYNOLDS
LT. GOVERNOR ADAM GREGG
DIRECTOR KAYLA LYON

December 20, 2022

BRAD QUIGLEY
CHAIRMAN OF THE BOARD
LOUISA REGIONAL SOLID WASTE AGENCY
11488 128TH STREET
WAPELLO IA 52653

Re: Louisa County Transfer Station
Permit #58-SDP-02-92P-XFR
Amendment #1 – 100yr. Floodplain Waiver Implementation

Dear Mr. Quigley:

Enclosed is Amendment #1 to the transfer station permit issued on December 12, 2022, which requires the Louisa County Regional Solid Waste Agency to fully implement containerized storage of recycling materials and modify cleaning protocols and material storage time frames no later than July 1, 2023, in accordance with the waiver granted on December 1, 2022 (Doc #104709). These agreed upon operational changes are in lieu of required site modifications (e.g., construct a berm or flood wall) to prevent floodwater inundation from a 100-year flood of any area that comes into contact with solid waste or washwater at the transfer station.

This amendment must be kept on file at the facility. Please review this amendment with your operators, as they must be familiar with it. Please also ensure to include this amendment within the Executive Summary submitted in conjunction with the facility's next permit renewal.

Thank you for your efforts to comply with Iowa's environmental regulations. Should you have any questions, please contact me at (515) 201-8272 or Chad.Stobbe@dnr.iowa.gov.

Sincerely,

Digitally signed by Chad A. Stobbe
Date: 2022.12.20 15:04:57 -06'00'

Chad A. Stobbe
Environmental Specialist Senior
Land Quality Bureau

Enclosures (3)

cc: Iowa DNR Field Office #6, Washington

August 10, 2023

BRAD QUIGLEY
CHAIRMAN OF THE BOARD
LOUISA REGIONAL SOLID WASTE AGENCY
11488 128TH STREET
WAPELLO IA 52653

Re: Louisa County Transfer Station
Permit #58-SDP-02-92P-XFR
Amendment #2 – 100yr. Floodplain Waiver Implementation Extension

Dear Mr. Quigley:

Enclosed is Amendment #2 to the transfer station permit issued on December 12, 2020, which requires the Louisa County Regional Solid Waste Agency to fully implement the storage of recyclable materials (e.g., appliances, electronics, recycling, batteries, scrap metal and used oil) and to modify cleaning protocols and material storage time frames no later than December 12, 2023 (previously July 1, 2023).

These measures are in accordance with the waiver granted December 20, 2022 (Doc #104709), excluding the open top roll-off container requirement, as expressed within the attached email correspondence. These agreed upon operational changes are in lieu of required site modifications (e.g., construct a berm or flood wall) to prevent floodwater inundation from a 100-year flood of any area that comes into contact with solid waste or washwater at the transfer station.

This amendment must be kept on file at the facility. Please review this amendment with your operators, as they must be familiar with it. Please also ensure to include this amendment within the Executive Summary submitted in conjunction with the facility's next permit renewal.

Thank you for your efforts to comply with Iowa's environmental regulations. Should you have any questions, please contact me at (515) 201-8272 or Chad.Stobbe@dnr.iowa.gov.

Sincerely,

Digitally signed by Chad A. Stobbe
Date: 2023.08.10 15:40:15 -05'00'

Chad A. Stobbe
Environmental Specialist Senior
Land Quality Bureau

Enclosures (3)

cc: Iowa DNR Field Office #6, Washington

IOWA DEPARTMENT OF NATURAL RESOURCES

SOLID WASTE TRANSFER STATION PERMIT

I.	Permit Number:	58-SDP-02-92P-XFR
II.	Permitted Agency:	Louisa Regional Solid Waste Agency
III.	Project Location:	Louisa County Transfer Station 14048 70th Street Wapello, IA 52653 Parcel ID: 0833292000
	Phone:	(319) 523-5013
IV.	Responsible Official	
	Name:	Brad Quigley, Chairman of the Board
	Address:	Louisa Regional Solid Waste Agency 11488 128th Street Wapello, IA 52653
	Phone:	(319) 523-5271
	Email:	bquigley@louisaco-ia.org
V.	Licensed Engineer	
	Name:	Larry J. Roehl, P.E.
	Address:	Louisa County Engineer 8313 K Avenue Wapello, IA 52653
	Phone:	(319) 523-5271
	Email:	lroehl.locoe@louisacomm.net
	Iowa License #:	P13211
VI.	Date Permit Issued:	December 12, 2020
	Amendment #1 Date:	December 20, 2022
	Amendment #2 Date:	August 10, 2023
VII.	Permit Expiration Date:	December 12, 2023
VIII.	Issued by:	Digitally signed by Chad A. Stobbe Date: 2023.08.10 15:41:04 -05'00' Chad A. Stobbe Department of Natural Resources

IX. General Provisions

The above-named permitted agency is hereby authorized to operate a solid waste transfer station (XFR) at the described location in conformance with Iowa Code section 455B, the rules pursuant thereto existing at the time of issuance, and any subsequent new rules which may be duly adopted, and any provisions contained in Section X of this permit.

The project shall be constructed and operated according to the engineering plans and specifications, the site operation plan approved by the Department of Natural Resources (DNR), and these shall become a part of this permit. Updated plans shall be submitted at the time of each permit renewal application and included with any request for permit modification or significant change in facility operation.

No legal or financial responsibility arising from the construction or operation of the approved project shall attach to the State of Iowa or the DNR due to the issuance of this permit. If title to this project is transferred, the new owner must apply to the DNR for a transfer of this permit within thirty (30) days of the date of title transfer. This permit is void sixty (60) days after the date of title transfer unless the DNR has transferred the permit.

The permit holder is required to maintain records for the service area of tonnages accepted at this facility in accordance with 567 Iowa Administrative Code (IAC) 106.13(455B,455D) and 567 IAC 106.14(455B,455D). Records shall be developed and maintained in such a way that tonnages from each county/state may be tracked in order to provide the local solid waste agency and the DNR with accurate statistics from which generation and diversion rates will be derived. The reports are due on a quarterly basis and shall be submitted to the DNR using Form #542-8025. The reports will be due January 1st, April 1st, July 1st and October 1st for the quarters ending September 30th, December 31st, March 31st and June 30th, respectively. The permit holder shall mail the completed form to the Iowa Department of Natural Resources; Land Quality Bureau; Wallace State Office Building; 502 East Ninth Street; Des Moines; Iowa 50319-0034. This reporting procedure supersedes any previous conflicting permit provisions.

A site inspection and report shall be completed annually by an Iowa-licensed professional engineer in accordance with 567 IAC 106.14(2). The inspection shall, at a minimum, cover the design standards pursuant to 567 IAC 106.10(455B) and shall reflect the facility's compliance with respect to the DNR-approved design and construction. The annual report shall be submitted to the Iowa Department of Natural Resources; Land Quality Bureau; Wallace State Office Building; 502 East Ninth Street; Des Moines; Iowa 50319-0034 by November 1st each year.

The permit holder shall provide continuous financial assurance coverage for site closure in accordance with 567 IAC 106.18(455B). The permit holder shall submit proof of compliance, including an updated closure cost estimate and proof of coverage with each permit renewal, until released from this requirement by the DNR.

The permit holder shall use a scale certified by the Iowa Department of Agriculture and Land Stewardship (IDALS) for the purposes of weighing and reporting solid wastes accepted at the transfer station. If conditions are such that make it impractical to provide an on-site scale, then off-site scale facilities or an alternative method to weighing may be used if approved by the DNR. The permit holder shall comply with the waste weighing, record keeping and tonnage fee reporting requirements defined in 567 IAC 101.14(445B,455D).

Solid waste accepted at this site shall not exhibit free liquids, toxic or hazardous properties. No hazardous wastes as defined by Iowa Code section 455B.411 may be accepted at this facility.

Failure to comply with Iowa Code section 455B, or any rule of order promulgated pursuant thereto, or any or all provisions of this permit may result in: 1) a civil penalty of up to $5,000 for each day of violation, pursuant to Iowa Code section 455B.307, or 2) the suspension or revocation of this permit, pursuant to Iowa Code section 455B.305.

The issuance of this permit in no way relieves the applicant of the responsibility for complying with all other local, state, and federal statutes, ordinances, and rules or other requirements applicable to the establishment and operation of this solid waste transfer station.

X. Special Provisions

1. The permit holder is authorized to accept up to 6,000 tons of municipal solid waste annually in accordance with the approved Louisa Regional Solid Waste Agency's Solid Waste Comprehensive Plan (Plan). The Plan as approved by the DNR on May 15, 2020, any approved amendments to the Plan, and the latest Plan update are hereby incorporated as permit documents.

   The permitted service area is described as: All cities, excluding Morning Sun, and the unincorporated area in Louisa County.

   Collected waste shall be disposed of at the Quad Cities Sanitary Landfill (Millennium Waste) in Milan, IL. The permit holder is not authorized to transfer any solid waste to any other sanitary disposal project in Iowa without first receiving DNR approval.

2. No provision in this permit or the updated and approved site operation plan, emergency response and remedial action plan, and closure plan, as described in the permit renewal application dated August 17, 2020 (Doc #98279), constitutes a waiver or variance from 567 IAC Chapter 106 or the Code of Iowa. Any conflict between a provision of the permit or referenced documents and Iowa rules or statutes shall be resolved in favor of the duly adopted rules and statutes.

3. The permit holder shall fully implement the storage of recyclable materials (e.g., appliances, electronics, recycling, batteries, scrap metal and used oil) and to modify cleaning protocols and material storage time frames no later than December 12, 2023. These measures are in accordance with the waiver granted December 1, 2022 (Doc #104709), excluding the open top roll-off container requirement.

The agreed upon operational changes are in lieu of required site modifications (e.g., construct a berm or flood wall) to prevent floodwater inundation from a 100-year flood of any area that comes into contact with solid waste or washwater at the transfer station. Please submit documentation to the DNR prior to the deadline documenting the implementation of these site modifications (include photos).

Pursuant to 561—10.19(17A,455A), if the alternative means of compliance provided in the granted waiver fail to achieve regulatory objectives, or the permit holder fails to comply with the conditions of the granted waiver and this permit, the DNR may require installation of a berm or flood wall to prevent floodwater inundation from a 100-year flood event in accordance with 567 IAC 106.9(1).