

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



☐ New Permit

☒ Permit Renewal (permit number) 74 -SDP- 01 - 76P XFR

**SECTION 1. FACILITY CONTACT INFORMATION**

**Facility**

Name: Palo Alto County Solid Waste Transfer Station Phone: 712-852-2482  
Address: 3428 450<sup>th</sup> Avenue City, State, Zip: Emmetsburg, Iowa 50536  
County: Palo Alto

**Responsible Official for the Facility**

Name: Aletha King Solid Waste Administrator Phone: 712-852-3058  
Address: 2103 Main Street P.O. Box 271 Fax: 712-852-4307  
City, State, Zip: Emmetsburg, Iowa 50536 E-mail: paczeh@mchsi.com

**Owner of Site**

Name: Palo Alto County Phone: 712-852-2924  
Address: 1010 Broadway Street Fax: \_\_\_\_\_  
City, State, Zip: Emmetsburg, Iowa 50536 E-mail: cmoser@paloaltocounty.iowa.gov

**Facility Operator**

Name: Todd Ditch Phone: 712-298-0286  
Address: 305 Madison Street Fax: \_\_\_\_\_  
City, State, Zip: Emmetsburg, Iowa 50536 E-mail: ditchpf@yahoo.com

**Financial Assurance Engineer**

Name: Walter Davis-Oeth, P.E. Phone: 712-852-3001  
Address: 2105 Main Street Suite 103 Fax: \_\_\_\_\_  
City, State, Zip: Emmetsburg, Iowa 50536 E-mail: \_\_\_\_\_  
Iowa Engineer License #: P21269 Expiration Date: 12-31-22

**SECTION 2. SITE INFORMATION**

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

Planning Area: Northern Plains Regional Date of Last Approved Plan: January 15, 2016

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

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

Days and hours of operation of the facility: 8 am - 4 pm M\_F 8 am - 12 pm Saturday

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: Palo Alto County except the City of West Bend

Disposal Facility: Northern Plains Regional Landfill

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

per day Cities and rural customers 17 Ton

per week Cities and rural customers 84 Ton

per year Cities and rural customers 4361 Ton

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.):

Garbage trucks are emptied onto the tipping floor. Individuals unload trash from a private vehicle onto the tipping floor. Garbage is pushed into the compactor pit with a loader tractor. Compacted into a semi trailer and taken to the landfill to be emptied.

**Check all other materials accepted/activities at the facility:**

☒ Recyclables drop-off - glass, paper, plastic, metal

☒ Lead Acid Batteries

☒ Used Oil

☒ Antifreeze

☒ White Goods Collection

☒ Tires

☒ Electronics Collection (including Cathode Ray Tubes)

☒ Scrap Metal Salvaging

☐ Appliance Demanufacturing

☐ Electronics Demanufacturing

☐ Yard Waste Composting

☐ Yard Waste Collection

☒ HHM/RCC

☐ Other \_\_\_\_\_

**SECTION 3. PERMIT APPLICATION CHECKLIST**

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

**Required Documents**

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

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

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

No Revision Required - See Doc ID#: 94084, 94381

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

No Revision Required - See Doc ID#: 94084, 94381

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

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

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

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

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

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

No Revision Required - See Doc ID#: 94084

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

No Revision Required - See Doc ID#: 94084

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

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

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

No Revision Required - See Doc ID#: 94084

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

#### **SECTION 4. APPLICANT CERTIFICATION**

##### **Certification**

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

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

Signature of Permit Applicant: 

Date: 09-08-2021

Printed Name: Aletha King

Title: Solid Waste Administrator

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

Send completed application with attached information to:

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

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

# **SOLID WASTE TRANSFER STATION**

## **PERMIT APPLICATION FORM 50B**

### **PALO ALTO COUNTY, IOWA**

**September 2021**

#### **EXECUTIVE SUMMARY**

Palo Alto County Transfer Station has served the people and businesses of Palo Alto County since 1976. Dedicated and knowledgeable employees operate it. All major components are in good working order. The second push-off garbage trailer was repaired in the fall of 2020 for a back-up. No modifications were done to the facility.

Our recycling has become more accessible with the addition of an 18 foot long Pro Gravity Recycling trailer. We now have two to move around the County. Also have three that remain in the center of the County at Emmetsburg and two at the Transfer Station. The e-waste continues to be recycled through The Retrofit Company. The Transfer Station is a satellite collection center for the City of Spencer for household hazardous material. Household hazardous materials are collected and stored, and then sent to the Regional Collection Center, owned by the City of Spencer, in a timely matter.

Palo Alto County has not received any variances or permit amendments within the prior permit cycle. None are being sought as part of the renewal submittal.

## **Section D, Organizational Chart**

### **Palo Alto County Board of Supervisors**

Linus Solberg, Chair

Courthouse

Emmetsburg, IA 50536

712 363-3843

### **Palo Alto County Solid Waste**

Aletha King

2103 Main Street

Emmetsburg, IA 50536

712 852-3058

Cell: 712 298-0684

### **Transfer Station On-Site Manager**

Todd Ditch, Manager

Palo Alto County Solid Waste Transfer Station

3428 450<sup>th</sup> Ave.

Emmetsburg, IA 50536

712 298-0286

### **Kevin Malm, Employee**

Palo Alto County Solid Waste Transfer Station & Satellite Facility Staff

3428 450<sup>th</sup> Ave.

Emmetsburg, IA 50536

712 358-0301

POST IN CONSPICUOUS PLACE

NONTRANSFERABLE

STATE OF IOWA

**DEPARTMENT OF AGRICULTURE & LAND STEWARDSHIP**  
License No. 7537

DES MOINES  
SCALE LICENSE

PALO ALTO CO SOLID WASTE T/S  
PO BOX 271  
EMMETSBURG IA 50536

**SCALE LOCATION**  
PALO ALTO CO SOLID WASTE T/S  
3428 450TH AVENUE  
EMMETSBURG IA 50536

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 10/27/2020

EXPIRATION DATE  
12/31/2021

This license is non-transferable and non-refundable

*Mike May*

SECRETARY OF AGRICULTURE

TYPE OF DEVICE --- NUMBER

0 THRU 500 LBS	0
501 THRU 5000 LBS	0
5001 THRU 50000 LBS	1
50001 THRU 120000 LBS	0
OVER 120000 LBS	0
MOISTURE METERS	0
COUNTY	74

# **Palo Alto County Solid Waste Transfer Station Emergency Response and Remedial Action Plan**

**Emmetsburg, IA**

**2021**

**Originally prepared in 2002 by:**

**FOX Engineering Associates, Inc., Ames, IA**

**Updated in August 2021 by:**

**Aletha King, Palo Alto County Solid Waste Administrator**

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## **A. Facility Information**

### **A.1. Permitted agency**

Palo Alto County Board of Supervisors  
 Courthouse  
 Emmetsburg, IA 50536

### **A.2. DNR permit number**

74-SDP-01-76P XFR

### **A.3. Facility description**

Palo Alto County operates a solid waste transfer facility located approximately 2 miles north of Emmetsburg. The facility is located at 3428 450<sup>th</sup> Avenue (secondary county road) as illustrated in Figure 1. The facility accepts municipal solid waste. In addition, source-separated tires, white goods, and small scrap metals are accepted and temporarily stored at the site in accordance with the permit. Additionally, a recyclable material drop off box is located on the south side of the structure. Glass, tin, plastic, clean cardboard, and paper are accepted in the recycling drop-off box.

The facility is used exclusively as a Solid Waste Transfer Station. This facility is comprised of the office, an equipment storage bay, the transfer area, the compactor chute with compactor, and the compactor trailer shed. The equipment room and electric room are located below the office on the lower level with

Municipal wastes are brought to the Transfer Station, weighed and then dumped in the hopper of the compactor chute. A semi-trailer is placed at the end of the compactor ram and loaded and compacted. Tractor trucks transport the compactor trailers to the Northern Plains Landfill near Graettinger, Iowa. The transfer truck and the compactor trailer are parked in the attached trailer shed while being loaded and during times of storage.

Palo Alto County is in the process of opening a household hazardous satellite facility on the property of the solid waste transfer facility. This will be a secured facility at which collection and storage of household hazardous materials and hazardous materials from CESQGs are accomplished prior to transportation of these wastes to an RCC. This satellite facility will have a written contract with the City of Spencer for the removal of collected waste. The HHM satellite facility will be available for public drop off of household hazardous materials either during regularly scheduled hours or by appointment.

Photographs of the site, the building, and the equipment are attached as Appendix A.

### **A.4. Responsible official and contact information**

#### **Palo Alto County Board of Supervisors**

Linus Solberg, Chair  
 Courthouse  
 Emmetsburg, IA 50536  
 712 363-3843

#### **Palo Alto County Transfer Station Administrator**

Aletha King  
 2103 Main Street  
 Emmetsburg, IA 50536  
 712 852-3058  
 Cell: 712 298-0684  
 Home: 712-424-3611

**Transfer Station On-Site Manager**

Todd Ditch, Manager  
 Palo Alto County Solid Waste Transfer Station  
 3428 450<sup>th</sup> Ave.  
 Emmetsburg, IA 50536  
 712 852-2482  
 Home: 712 852-4679

**Landfill Operator**

Dan Chism  
 Northern Great Plains Regional Landfill  
 3032 420<sup>th</sup> Ave.  
 Graettinger, IA 51342

City of Spencer  
 418 2<sup>nd</sup> Ave. West  
 Spencer, IA 51301  
 712 859-3185

The On-Site Manager at the Transfer Station will have the responsibility for coordinating emergency response procedures. If he leaves the premises during normal operating hours other personnel will be given the responsibilities of the Manager for coordinating emergency response activities.

**A.5. Project location**

NW ¼, Section 12, T96N, R33W, Palo Alto County, Iowa  
 Emmetsburg, IA

**A.6. Site maps and environs maps/Lists**

Figure 1. Site location & area map  
 Figure 2. Site Plan  
 Appendix A: Photographs  
 Appendix B: Contact Names & Phone Numbers

**B. Regulatory requirements****B.1. Sanitary Disposal Projects**

Chapter 567-102.16 of the Iowa Administrative Code (IAC) sets forth the requirements of the Emergency Response and Remedial Action Plans (ERRAPs).

102.16 (1) Purpose. The purpose of this rule is to implement Iowa Code section 455B.306(6) "d" by providing the criteria for developing a detailed emergency response and remedial action plan (ERRAP) for permitted sanitary disposal projects.

102.16 (2) Applicability. The requirements of this rule apply to the owners or operators of all sanitary disposal projects that are permitted under 567-102.2. (455B)

## B.2. Permit Provisions

Special Provision X.7 of the October 29, 1999 Permit indicates that “the Palo Alto County Board of Supervisors shall submit an emergency response/remedial action plan in accordance with implementation schedules to be included in administrative rules yet to be adopted which are intended to implement Section 455.306 of the Iowa Code.”

## B.3. Plans Filed

Iowa Code section 455B.306(6) “d”

“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.”

## C. Emergency conditions—response activities—remedial action

### C.1.1.

#### Natural Gas or Propane

Natural gas service does not extend to the site. Liquid propane is stored in a propane tank east of the main structure (Figure 2). LP gas is utilized on site for heat and hot water. The LP is purchased through Stanley Propane. Should service be disrupted, operations at the facility could go on without interruption.

#### Emergency Condition

- Service could be interrupted due to a blocked service line or an empty tank.

**Response Action:** The following steps should be implemented in the case of an emergency condition.

- Check tank pressure. Contact Stanley Propane if tank is empty. If the tank is not empty, contact a qualified service/repair provider to determine and correct the service problem, or replace a leaking tank.
- Contact on-site manager, and County Sanitarian.
- Refrain from using equipment that demands LP. These include the heat and hot water.

**Remedial Action:** The following actions should be implemented once the initial response has been completed and emergency conditions no longer exist.

- Short term (<48 hours): Contact the appropriate repair service. Refrain from using equipment that demands LP (heat and hot water) until repairs are complete. If during the winter, run water or drain water lines to avoid rupturing water lines due to freezing.
- Long term (>48 hours): If the system remains plugged or down for long periods of time an alternate source of heat and /or hot water should be provided until service is restored.

### C.1.2. Septic System

Sanitary sewage flow by gravity to the specific tank located northwest of the facility (Figure 2). The Figure 2 illustrates the location of the septic tank. The location of septic lines remains uncertain. Stormwater runoff flows radially away from the structure to ditches and/or drainage ways and ultimately to the river west of the site (Figure 1). Any water that enters the structure during a driving rain flows to the floor drains. Should service be disrupted, operations at the facility could go on without interruption.

#### Emergency Condition

- Septic service could be interrupted due to a blocked service line or filled tank.

**Response Action:** The following steps should be implemented in the case of the emergency condition.

- Isolate any overflow sewage and try to contain. Personnel should use caution when handling sewage outflows.
- Contact on-site manager and county sanitarian.
- Refrain from using facilities that drain into the sewer system. This includes the restroom.
- Evaluate the situation to determine the cause.

**Remedial Action:** The following actions should be implemented once the initial response has been completed and emergency conditions no longer exist.

- Short term (<48 hours): Contact the appropriate repair service. Refrain from using facilities that flow to the system until it has been repaired.
- Long term (>48 hours): If the system remains plugged or down for long periods of time temporary restroom facilities should be provided until service is restored.

### C.1.3. Water

The Palo Alto County Transfer Station maintains an on-site well. Water is used for domestic purposes and occasional floor wash down. A water spigot is located on the upper level of the structure. The facility does not use water in the processing of the wastes. Should service be disrupted, operations at the facility could go on without interruption.

#### Emergency Condition

- Cold weather and lack of heat could cause water lines to freeze and possibly rupture.
- On-site trenching operations or inside equipment traffic could damage pipelines or spigots and interrupt service.

**Response Action:** The following steps should be implemented in the case of the emergency condition.

- If a waterline has been ruptured or is leaking, shut off water at the well or at the nearest valve.
- Contact on-site manager and county sanitarian.
- If the rupture or leak has occurred on the tipping floor, water should be directed to the floor drains that flow to the septic system.
- If lack of heat was the cause of the rupture or leak, make sure that alternate heat sources (i.e. electrical space heaters) are not placed in water that has pooled on the floor.

**Remedial Action:** The following actions should be implemented once the initial response has been completed and emergency conditions no longer exist.

- Short term (<48 hours): Place alternate sources of heat in ideal locations within buildings to keep water pipes from freezing and the working environment tolerable.
- Long term (>48 hours): If the water supply is suspended for long periods of time temporary restroom facilities should be brought in until water service is restored.

#### C.1.4. Electricity

The Palo Alto County Transfer Station uses electricity for power to the scale, office, HHM storage building and compactor. Should the electric power be interrupted for any period of time, the facility would shut down.

**Emergency Condition:** In the event of a power outage.

- The scale and record keeping system would not function.
- The well would not operate.
- The compactor would not operate.
- The structure would likely be without heat.
- The use of machines and handheld motorized tools would be suspended.

**Response Action:** The following steps should be implemented in the case of the emergency condition.

- Contact the electric company to inform them of the situation using the cellular phone.
- Contact the on-site manager.
- Contact area haulers to request delay of waste deliveries until such time as the electric service is restored.
- Do not accept any waste deliveries.
- Do not accept any HHM deliveries until such time as the electric service is restored.
- Refrain from using facilities that drain the septic system.
- In cold months drain interior water lines if it is apparent that service will be down for a lengthy period.
- Make sure all mechanical devices that were in use are in the "OFF" position and preferably disconnected from the power source until it is restored.

**Remedial Action:** The following actions should be implemented once the initial response has been completed and emergency conditions no longer exist.

- Short-term (<48 hours): All activities associated with the operation of the transfer facility should be suspended. Waste will be stored at the source until electricity can be restored.
- Long-term (>48 hours): Should electrical power remain off for more than 48 hours, continue the short-term remedial actions. There are other solid waste transfer facilities in the Plan Area that could accept wastes or the wastes could be direct hauled to the landfill until the Transfer Station reopened. The manager should evaluate the situation and decide whether it is economically prudent to find alternate sources of electricity. This could include temporarily running a generator.

#### C.1.5 Telephone

Telephone service is not critical to the daily operations of the Transfer Station. On-site personnel also have cellular phones. An emergency condition is not present with the loss of telephone service alone.

**Emergency Condition:**

- Emergency assistance (medical, fire, police, etc.) is necessary while telephone service is down.

**Response Action:** The following steps should be implemented immediately in the case of an emergency condition.

- The Transfer Station should use the cellular phone to request emergency services or drive to town.
- Contact the on-site manager.

**Remedial Action:** The following actions should be implemented once the initial response has been completed and emergency conditions no longer exist.

- Short-term(<48 hours): Transfer Station personnel should notify the telephone company of the interruption of service as soon as it is conveniently possible. Transfer Station personal cellular phones can be utilized for important phone calls until phone service has been restored.

- Long-term (>48 hours): Continue the short term remedial actions until phone service has been restored.

## **C.2 Weather related events**

### **C.2.1. Tornado**

According to the National Climatic Weather Center, the state of Iowa averaged 31-50 tornados a year from 1950-1999, putting this site at moderate risk for tornadic activity. Damage during such an event is likely to be to the on-site building and equipment.

#### **Event Emergency Condition**

- A tornado warning has been issued for the area, including the Transfer Station.

**Response Action:** The following steps should be implemented immediately in the case of an emergency condition.

- An announcement shall be made. Employees will be instructed to seek shelter.
- Close overhead doors to reduce the wind allowed into the facility. If winds are high enough, waste could become airborne and be blown out of the facility.
- All personnel should cease operations and try to seek shelter in the below grade stairwell or electric room. Employees will be instructed in training sessions of the appropriate places to go.
- All other persons on site during the warning will be advised of the weather conditions. Personnel may offer direction to a sheltered area.

**Remedial Action:** The following actions should be implemented once the initial response has been completed and emergency conditions no longer exist.

- Short term (<48 hours): Should the following facilities incur damage: Building Scale—Suspend activities in the portion of the building that is damaged until repairs can be made. Disrupt electrical power to any damaged areas until has been verified that the system is safe for use. If the scale has been damaged the haulers will weigh at the elevator in town or cease operations until repairs can be made. Wastes will be stored at source or processed at other solid waste facilities in the area. Wastes that have become airborne with the winds associated with tornados shall be gathered and returned to the Transfer Station using the most effective methods. This includes wastes that have blown offsite onto adjacent properties.
- Long term (>48 hours): All damaged facilities shall be permanently repaired as soon as is possible. Until this is accomplished, the short-term remedial actions shall be followed. A review of these procedures shall also be done and improvements made as deemed necessary.

### **C.2.2 Wind Storm**

According to the USA Weather Almanac, the average sustained wind speed for the state of Iowa is approximately 11 mph with wind gusts in excess of 70 mph. Damage during such an event is likely to occur directly to the buildings. If overhead doors are open high winds could make lighter wastes become airborne and blow out of the facility.

#### **Event Emergency Condition**

- A wind advisory, which is defined as sustained winds 31-39 mph for at least 1 hour, or any gusts in excess of 46-57 mph, has been issued for the area, including the Palo Alto County Transfer Station.

**Response Action:** The following steps should be implemented immediately in the case of an emergency condition.

- All buildings shall be secured to reduce the possibility of damage. This includes closing overhead and side doors as necessary.



**Remedial Action:** The following actions should be implemented once the initial response has been completed and emergency conditions no longer exist.

**Post-Event Emergency Condition:**

- Excessive winds have caused damage on-site buildings, or spread waste from the facility.

**Response Action:** The following steps should be implemented immediately in the case of an emergency condition.

- If anyone has incurred injuries, medical attention should be sought immediately.
- Contact the on-site manager, and County Sanitarian.
- A survey of the facility should be completed to determine the extent of the damage. Should other emergency situations exist such as loss of utilities, those response and remedial actions should be followed.

**Remedial Action:** The following actions should be implemented once the initial response has been completed and emergency conditions no longer exist.

- Short-term (<48 hours) Should the facilities incur damage:
  - Building- Suspend activities in the portion of the building that is damaged until repairs can be made. Cut electrical power to any damaged areas until it has been verified that the system is safe for use.
  - Active Area- Waste that has become airborne shall be gathered and returned to the facility using the most effective methods. This includes debris that has blown offsite onto adjacent properties.
- Long-term (>48 hours) All damaged facilities shall be permanently repaired as soon as is possible. Until this is accomplished, the short-term remedial actions shall be followed. A review of these procedures shall also be done and improvements made as deemed necessary.

### C.2.3 Intense Rainstorm and Erosion

The site is graded that on-site runoff flows to ditches and lower areas peripheral to the structure. Erosion is not a problem at this facility since all areas are either gravel paved or are have established grass. Figure 2 illustrates the drainage flow paths.

### C.2.4 Lightning strikes

Damaging lightning strikes could cause failure of utilities or fires at the facility. Please see section C. 1. and section C.3. for emergency, response and remedial actions.

### C.2.5. Flooding

Flooding is not a risk for the Palo Alto County Transfer Station. The entire facility was built above the 100 year flood elevation. Runoff that has the potential to come in contact with waste is collected. Since construction of the transfer station in 1976, the facility has never flooded. However, 450<sup>th</sup> Avenue has been submerged by flood waters on several separate occasions.

**Response Action:** The following steps should be implemented immediately in the case of an emergency condition.

- All trucks should be routed directly to the landfill, or an alternate transfer station. No attempt should be made to reach the transfer facility.
- Appropriate county or public officials should be immediately notified.

**Remedial Action:** The following actions should be implemented once the initial response has been completed and emergency conditions no longer exist.

- Once the flood waters have receded, 450<sup>th</sup> Avenue should be repaired by county crew prior to opening the road to truck traffic.

### C.3 Fire and explosions

#### C.3.1.Waste material/working area/hot loads

##### Emergency Condition

- Occasionally a 'hot' load will be dumped on the tipping floor causing a threat of fire to the waste materials already placed. Any suspected hot load would be rejected prior to unloading.

**Response Action:** The following steps should be implemented immediately in the case of an emergency condition.

- Hotloads are fairly easy to detect as they are dumped. A suspected hotload should be immediately isolated from other wastes susceptible to fire using heavy equipment. Fire extinguishers and/or water hoses should be retrieved.
- If wastes have caught fire attempts to extinguish the fire should be made immediately. If efforts to extinguish the waste fire appear to be successful, the waste should be allowed to set for a sufficient period of time to verify that smoldering is not continuing.
- If the fire appears to be growing in spite of attempts to extinguish the flames, the facility should be evacuated due to the variability of the waste.
- Call 911 and request the fire department.

**Remedial Action:** Once the material is no longer burning; does not have glowing embers and is not smoldering it can be transferred to the landfill with other waste.

#### C.3.2 Buildings and Site/Facilities

The main structure is constructed out of fire resistant materials. The steel-framed shell is placed on concrete slabs and has a metal roof. The office area and the truck/trailer bay is considered to have a light fire hazard classification, since wood is utilized in the construction. In the event of a fire evaluation of the situation should be made and if necessary a call placed to 911 to request the fire department.

A free-standing safety storage building for household hazardous materials is on-site. The building is on a concrete slab. The exterior walls have 2-hour fire-rated noncombustible construction with fire-resistive gypsum wallboard encased between steel sheets. The roof and ceiling has a weatherproof 2-hour fire-rated noncombustible construction. There are three-hour, fire-rated double doors. The design load includes a wind load of 110 mph and a seismic condition of Zone 4. The building meets compliance code for handling, use, containment and compaction of hazardous materials. The building will be fenced to control access and a gate to remain locked when personnel are not on duty.

#### C.3.3. Equipment

##### Emergency Condition:

- A fire or explosion has occurred within the mechanics of a piece of equipment.

**Response Action:** The following steps should be implemented immediately in the case of an emergency condition.

- If anyone has incurred injuries, medical attention should be sought immediately and the person removed from risk of further injury.
- Isolate the equipment that is the source of the emergency condition OUTSIDE of the facility, if possible. Personnel should not put themselves in danger.

- Evaluate the situation and call 911 to request the fire department if necessary.
- If there is risk of danger, personnel should remove themselves from the area. Fire extinguishers/water hoses can be used to put out or control flames until other methods of extinguishment can be brought to the site.

**Remedial Action:** Keep the equipment isolated from waste and other flammable sources, until the risk of further fire and explosion has been removed.

#### C.3.4 Fuels

Palo Alto County Transfer Station does not store any 55-gallon drum of hydraulic oil, lubricants, or fuels. All equipment and vehicle maintenance occurs at the county maintenance facility, rather than at the transfer station. The storage vessels on-site are limited to the LP tank.

##### Emergency Condition

- A storage vessel has caught fire or exploded.

**Response Action:** The following steps should be implemented immediately in the case of an emergency condition.

- If anyone has incurred injuries, medical attention should be sought immediately and the person removed from risk of further injury.
- Isolate the vessel that is the source of the emergency condition, if possible. Personnel should not put themselves in danger.
- Call 911 to request the fire department, as the vessel is located near the structure.
- Personnel should remove themselves from the area due to the nature of the materials stored there.

**Remedial Action:** Keep the vessel isolated from waste and other flammable sources, until the risk of further fire and explosion has been lifted.

#### C.3.5. Utilities

Due to the nature of most of the utilities the risk for fire or explosion is minimal. There is a risk of an electrical fire in equipment inside the building.

##### Emergency Condition:

- There is electrical fire wiring or the compactor equipment.

**Response Action:** The following steps should be implemented immediately in the case of an emergency condition.

- Do not operate any equipment or allow sources of ignition near equipment, if possible.
- Shut off electric power.
- Retrieve fire extinguishers immediately. Do not use water in an attempt to extinguish such fires.
- Contact the on-site manager and the County Sanitarian.
- Contact qualified electrical contractor.

**Remedial Action:** The following actions should be implemented once the initial response has been completed and emergency conditions no longer exist.

- Short-term (<48 hours) – Contact qualified electrical contractor.
- Long term (>48 hours) - Continue to follow the short-term remedial actions.

#### C.3.6. Waste gases

Wastes are not stored at the transfer facility long enough to generate waste gases.

#### C.3.7. Evacuation

In the event that an emergency condition exists and all personnel evacuate the structure, they should report to the emergency assembly point near the entry gate (Figure 2). Once all employees are accounted for, efforts should continue to make telephone contacts, or assist as directed by the on-site manager or responder personnel.

#### **C.3.8. Alarm System**

The facility does not have an alarm system installed except for the HHM Storage Building. The HHM Storage Building has a non-explosion proof emergency local alarm switch with a non-explosion proof audible alarm.

### **C.4. Regulated waste spills and releases**

#### **C.4.1. Waste materials**

Waste materials have a low susceptibility to releases. Waste is brought to the Transfer Station by municipal and private waste haulers and private parties. Trucks drive into the transfer building and unload. If there are high winds, wastes could be released from the building if they become airborne. Collection of airborne debris occurs as needed both onsite and on adjacent properties.

#### **C.4.2. Leachate**

Stormwater does not come in contact with waste materials therefore leachate is not generated at this site. Floor wash-down water is collected.

#### **C.4.3. Waste gases**

Wastes are not stored at the transfer facility long enough to generate waste gases.

#### **C.4.4 Waste stockpiles and storage facilities**

Palo Alto County Transfer Station stockpiles waste tires, white goods, and scrap metal (Figure 2). Spills and releases are not anticipated from the stockpiles that are required to be removed from the site on an annual basis, at a minimum.

**Waste tires:** Palo Alto County has made arrangements with Liberty Tires (Des Moines) for pick up, transportation, processing and recycling of waste tires. Tires are stored in a restricted access area south of the structure until transported offsite. Tire storage is in accordance with permit conditions. Spills or releases from tires are not possible.

**White goods:** White goods are stored in a restricted access area south of the structure. Palo Alto County has an agreement with Corey Climers (Spencer) for offsite processing of white goods. The storage of white goods is not, in itself, considered to be threatening to the environment, however these wastes contain pressurized PCBs and mercury switches that if discharged would be considered a hazardous release. Section C.5.1. of this plan should be followed in the unlikely event that a release should occur.

**Scrap metal:** Scrap metal is stored on-site in a designed area south of the structure. A local metal salvage dealer collects and transports the materials offsite.

**Recyclable materials:** Recyclable materials are collected in the drop-off box along the south side of the facility. Shamrock Recycling is the local recyclable processor that routinely transports and processes the glass, tin, plastic, cardboard, and paper collected in the drop-off box.

#### **C.4.5. Waste transport systems**

Wastes are brought to the facility by waste haulers and other private parties. The Palo Alto County Transfer Station owns 2 compactor trailers, which are utilized for transport of waste to the Northern Plains Landfill.

#### **C.4.6. Litter and airborne particulates**

All wastes that have the potential to become airborne are unloaded inside the facility. If there are weather conditions that produce high winds there is a possibility that wastes could become airborne and be carried outside of the building. Wastes that are blown outside of the building are retrieved on an as needed basis.

#### **C.4.7. Site drainage systems**

The site is graded to divert water away from the structure. All on-site runoff is diverted to peripheral ditches. Downspouts are connected to a tile line that discharges west of the structure in a grove of recently planted trees. Erosion is not a problem at this facility structure in a grove of trees. Erosion is not a problem at this facility since all areas are either gravel paved, impervious, or are well established in grass. Water entering the structure that has the potential to come in contact with waste is collected. Figure 2 illustrates the on-site drainage patterns.

#### **C.4.8. Off-site releases**

Off-site releases of regulated wastes are highly unlikely at this facility. Sections C.4.1.- C.4.7 address any likely offsite release.

### **C.5. Hazardous material spills and releases**

#### **C.5.1. Mixed waste deliveries/Oils/Hazardous substances**

The Transfer Station does not accept hazardous waste. The Transfer Station does have a Household Hazardous Waste building. Liquids and waste oil are accepted as part of household hazardous substances. Policy does not permit closed containers to be landfilled, therefore personnel monitor loads to ensure that hazardous materials are not dumped with the municipal solid wastes. Containers must have the top or lid removed and contain no free product. Nevertheless, the potential exists for hazardous wastes to be brought to the Transfer Station.

**Emergency Condition:** The spill of a hazardous substance (petroleum products, PCBs, mercury, etc.) will require certain immediate action to prevent further spillage and ensure that any existing containment areas are secured, if possible, to prevent a discharge.

A spill is defined as "a discharge, including but not limited to any spilling, leaking, pumping, pouring, emitting, emptying, or dumping" and means any situation which involves the "actual, imminent or probable spillage, leakage or release of a hazardous substance: into or onto navigable waters.

**Response Action:** The On-site Manager should immediately be notified to coordinate the actions to be taken. As warranted, the person notifying the On-site Manager should report as much of the following information as possible.

- Contact key personnel who are to assist in the implementation of the plan.
- Isolate the source of the spill to minimize the magnitude of the spill itself.
- Call 911 and request the HAZMAT team, if warranted.
- Whenever specific conditions, including adverse weather, will result in a situation where the normal containment methods and cleanup actions will not be adequate, mobilize additional

personnel and equipment. If necessary, use straw, dirt, sand, or other absorptive materials to prevent the flow of spilled materials and ensure confinement.

- Take all necessary steps to protect all personnel and equipment from fire hazard, including removing all sources of ignition.
- Take all necessary steps to protect all personnel from direct or indirect contact with spilled materials, and utilize protective clothing, including self-contained breathing apparatus, when danger from inhalation, ingestion or exposure to the skin is imminent.

**Remedial Action:** Following completion of the Response Actions, the On-site Manager and his/her assistants should proceed with the following:

- Follow steps set up by the HAZMAT team for the remediation of the spill.
- Notify the applicable regulatory agencies within 6 hours of the release.
- Maintain the necessary precautions to ensure the safety of personnel and equipment from fire and health hazards.
- Contact outside authorities as necessary for assistance.

### **C.5.2. Waste Gases**

Waste gases are not produced at the Transfer Station.

### **C.5.3. Site drainage systems**

The site is graded to divert water away from the structure. All on-site runoff is diverted to peripheral ditches and drain tiles. Erosion is not a problem at this facility since all areas are either gravel paved, impervious, or are well established in grass. Water entering the structure that has the potential to come in contact with waste is collected. Figure 2 illustrates the on-site drainage patterns.

### **C.5.4. Off-site releases**

It is highly unlikely that an off-site release of a hazardous substance would occur. The HAZMAT crew should be called in such a situation, if warranted.

## **C.6 Mass movement of land and waste**

### **C.6.1. Earthquakes**

The Transfer Station is not at risk for an emergency condition due to damage caused by seismic events. Iowa lies in a low risk area with less than a 2% probability that horizontal acceleration in rock will exceed 2% of the earth's gravity in the next 50 years.

### **C.6.2. Slope failure**

Wastes are not processed at the transfer facility such that slope failure is an issue.

### **C.6.3. Waste shifts and waste subsidence**

Wastes are not at the transfer facility for extended periods of time and wastes are handled in such a manner that waste shifts and subsidence are not an issue.

## **C.7. Emergency release notifications and reporting**

### **C.7.1. Immediate Notification Requirements---Emergency Event**

#### **NOTIFY:**

- 911 Emergency Services

- The Iowa Department of Natural Resources/The Office of Disaster Services 515 281-8694
- The Palo Alto County Emergency Management Coordinator 712 852-4997 cell 712-298-2258
- The Palo Alto County Sheriff 911 or 712 852-3535
- Emmetsburg Police Department 911 or 712 852-2424
- Emmetsburg Fire Department 911 or 712 852-3456
- U.S. Environmental Protection Agency, Region VII 913 551-7003

\*Note that if contact cannot be established with the IDNR Disaster Services, the Landfill Manager should notify the Regional Office of the U.S. Environmental Protection Agency (Region VII) at Kansas City, Kansas. 913 551-7003

\*Note that the County Emergency Coordinator/Response personnel will make contact with special populations within a 5 miles radius of the site as appropriate to the event. The 5 mile radius includes the entire City of Emmetsburg (Figure 1). Special populations are known to include schools, nursing homes, and the hospital (Appendix B). Similarly, the County Emergency Response personnel will make contact with other agencies and news media as appropriate.

When contacting appropriate authorities, the on-site Manager must:

1. Identify himself or herself and the telephone number from which he or she is calling.
2. Identify Transfer Station and its address.
3. Time, type, and exact location of the incident.
4. The extent of injuries.
5. The weather conditions at the time of the hazardous conditions onset or discovery.
6. Any potential human and environmental hazards outside of Transfer Station.
7. Any other information that may assist in proper evacuation by the applicable authorities.

### **C.7.2. Immediate Notification Requirements- Spills**

Hazardous Substance Spill, within 6 hours of the release, NOTIFY:

- The Iowa Department of Natural Resources/ The Office of Disaster Services, phone: 515 281-8694
- The Palo Alto County Emergency Management Coordinator, phone: 712 852-4997 712-298-2258
- The Palo Alto County Sheriff, 911 or phone: 712 852-3535
- Emmetsburg Police Department, 911 or phone: 712 852-2424
- Emmetsburg Fire Department, 911 or phone: 712 852-3456
- U.S. Environmental Protection Agency, Region VII, phone, 913 551-7003

Note: If contact cannot be established with the IDNR Disaster Services, the Landfill Manager should notify the Regional Office of the U.S. Environmental Protection Agency (Region VII) at Kansas City, Kansas, phone, 913 551-7003

### **C.7.3. Post-Emergency Reporting Requirements**

There are 2 basic requirements for post-emergency reporting of spills.

#### **U.S. EPA**

A written report of a hazardous substance spill must be submitted to EPA, within 60 days, if:

- a) The discharge involves more than 1000 gallons of oil into or upon the navigable water of the United States or adjoining shorelines in a single spill event, or
- b) The discharge is in a quantity determined to be harmful as defined in 40 CFR 110 in two events occurring within any 12 month period.

The applicable written report shall be sent to:      Regional Administrator  
    United States Environmental Protection Agency  
    Region VII  
    726 Minnesota Avenue  
    Kansas City, KS 66101

The written report must contain the following:

- a) Name of facility
- b) Name(s) of owner or operator of the facility
- c) Location of the facility
- d) Date and year of initial facility operation
- e) Maximum storage or handling capacity of the facility and normal daily throughput
- f) Description of the facility, including maps, flow diagrams, and topographical maps.
- g) The cause(s) of such spill, including a failure analysis of the system or subsystem in which the failure occurred.
- h) The corrective actions and/or countermeasures taken, including and adequate description of equipment repairs and/or replacements.
- i) Additional preventative measures taken or contemplated to minimize the possibility of recurrence.
- j) Such other information as the Regional Administrator may reasonably require pertinent to the plan or spill event.

Post emergency reporting is not specifically required by 40 CFR 116, 117, or 33 CFR 153 after the initial and immediate notification of a hazardous substance spill to the National Response Center, or Region VII of the U.S. EPA. However, the notified government agency may require written information concerning the spill. Should a written report be required, the county should follow the format as described for an oil spill report.

#### IOWA DEPARTMENT OF NATURAL RESOURCES

A written report of a hazardous condition within 5 days, and should contain the following:

- 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. The medium (land, water, or air) in which the hazardous condition occurred or exists.
- d) The name, address and telephone number of the party responsible for the hazardous condition.
- e) The time and date of the verbal report to the department of the hazardous condition.
- f) The weather conditions at the time of the hazardous condition onset or discovery.
- g) The name, mailing address and telephone number of the person reporting the hazardous condition.
- h) 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.
- i) Any further 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.
- j) Finally, all subsequent findings and any laboratory results should be reported and submitted in writing to the Department as soon as they become available.



## **C.8. Emergency waste management procedures**

### **C.8.1. Communications**

The Palo Alto Transfer Station uses telephone and cellular telephone for communication.

### **C.8.2. Temporary discontinuation of services**

Short Term (<48 hours): In the event that the Transfer Station would have to cease operations and acceptance of wastes for less for 48 hours, wastes should be stored at the source until routine service could continue.

### **C.8.3. Wastes in process**

Should the Transfer Station cease operations for any reason, all materials stockpiled that are normally disposed of offsite should be hauled offsite and disposed of properly. Collection vehicles may be routed directly to the landfill.

## **C.9. Primary emergency equipment inventory**

### **C.9.1. Major equipment**

Palo Alto County Transfer Station owns the following equipment that could be used in an emergency condition if needed:

- 1 Tractor Loader
- 1 Tractor Mower
- 1 Semi-Tractor
- 2 Compactor Trailers
- 1 Pick-up Truck

### **C.9.2. Fire hydrants and water sources**

Water spigots are located on the upper level of the facility. Fire extinguishers are located throughout the structure and on the equipment and the semi-tractor.

### **C.9.3. Off-site equipment resources**

All equipment resources are on-site.

## **C.10. Emergency aid**

### **C.10.1. Responder contacts**

#### **Iowa Department of Natural Resources**

Central Office  
Henry A. Wallace Building  
900 East Grand  
Des Moines, IA 50319

Regional Office No. 3  
1900 Grand Avenue  
Spencer, IA 51301  
Phone: 712 262-4177  
Fax: 712 262-2901

**U.S. Environmental Protection Agency**

Region VII  
 11201 Renner Blvd.  
 Lenexa, KS 66219  
 Phone: 913-551-7003

**C.10.2. Medical services**

**Fire/Police/Medical**  
 911

**C.10.3. Contracts and agreements**

Palo Alto County Transfer Station has contracts or agreements with various organizations or companies for the removal of materials banned from the landfilled and stockpiled at the facility.

**Liberty Tires (Des Moines)**

An agreement for pickup, transportation, processing and recycling waste tires delivered and stored at the Transfer Station.

**Corey Climers (Spencer) and Sampson Development (Peterson, Iowa)**

Contract for removal of white goods for offsite processing. The contractor transports, processes, and recycles white goods. Certified by IDNR and meets all applicable Federal, State, and local requirements.

**Shamrock Recycling (Emmetsburg, IA)**

Agreement for pickup, transportation, and off-site processing of recyclable materials from the drop-off box. Materials include glass, tin, plastic, cardboard, and paper.

**C.11. ERRAP training requirements****C.11.1. Training providers**

This document will serve as the training guide for emergency response and remedial action. A review of this document will occur yearly and after any emergency condition has occurred. The procedures contained within will be critiqued and modified as necessary. A copy of a Certification of Verification is included in Appendix C for record keeping.

**C.11.2. Employee orientation**

As part of orientation a new employee will be required to sign a certificate of verification that they have fully read and understand this document.

**C.11.3. Annual training updates**

All employees will be required to sign a certificate of verification that they have fully read and understand this document on a yearly basis.

**C.11.4. Training completion and record keeping** The signed certification will be kept as part of the personnel files located in the scale house.

## **Emergency Contacts**

### **Palo Alto County Solid Waste Administrator**

#### **Aletha King**

2103 Main

Emmetsburg, IA 50536

Work: 712 852-3058

Cell: 712 298-0684

Home: 712 424-3611

### **Palo Alto County Solid Waste Transfer Station**

#### **Todd Ditch**

Manager, Operator

3428 450<sup>th</sup> Ave.

Emmetsburg, IA 50536

Work phone: 712 852-2482

Cell phone: 712 298-0286

#### **Kevin Malm**

Employee, Full-time

Home phone: 712 852-4303

Cell phone: 712 358-0301

#### **Dan Harr**

Employee, Part-time

712 298-0543

### **Landfill Operator**

#### **Dan Chism**

Northern Great Plains Regional Landfill

3032 420<sup>th</sup> Avenue

Graettinger, IA 51342

Care of City of Spencer

418 2<sup>nd</sup> Avenue West

Spencer, IA 51301

Phone: 712 859-3185

## Waste Haulers

### **City of Emmetsburg**

Emmetsburg, IA

Phone: 712 852-4030

### **Harris Sanitation**

107 W Olive

Graettinger, IA

Phone: 712 859-3828

Denny-Home: 712 859-3633

Denny-Cell: 712 260-6343

Cliff-Cell: 712 260-6345

### **Bennett Sanitation**

Phone: 515 379-1651

Frank-Cell: 515 368-0993

### **Dump & Dash**

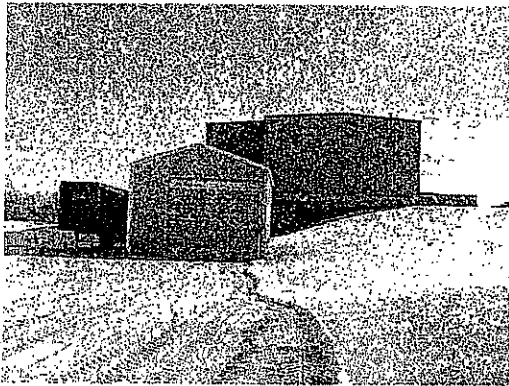
4602 390<sup>th</sup> Street

Emmetsburg, Iowa 50536

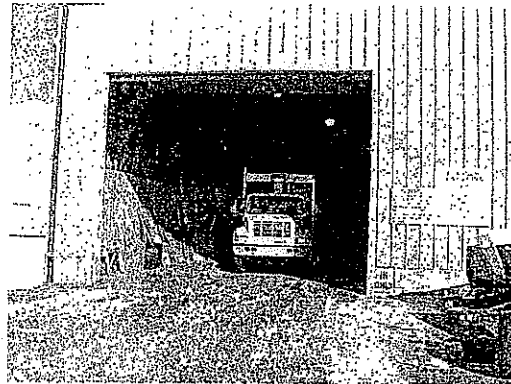
## **Appendix A: Photographs**

B&W

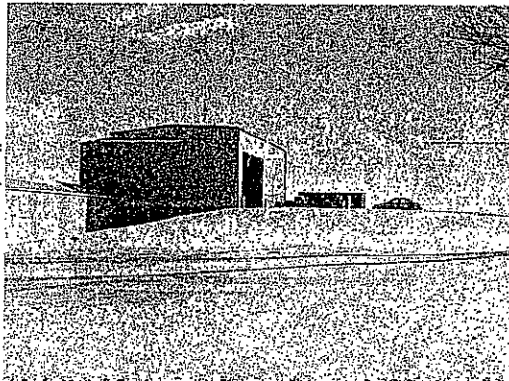
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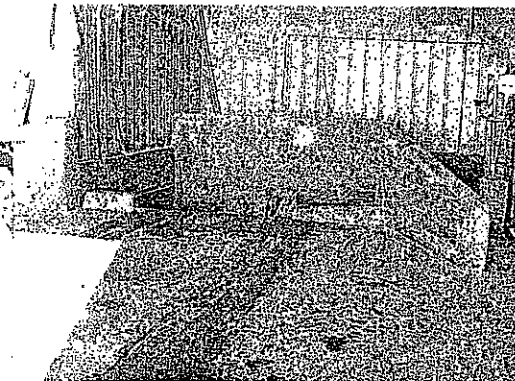
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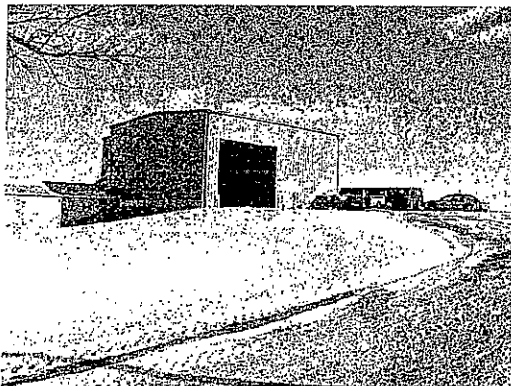
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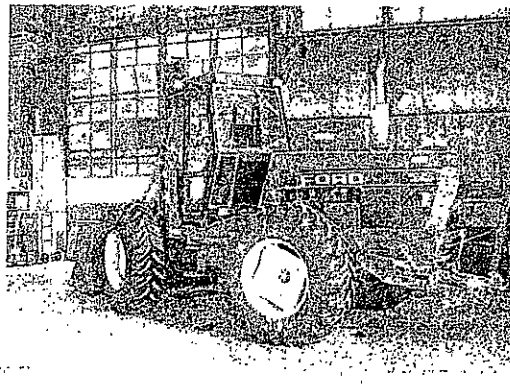
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## **Appendix B: Contact Names and Phone Numbers**

**Palo Alto County Sheriff**

Lynn Schultes

Emergency 911

Non-emergency 712 852-3535

**Emmetsburg Fire Department (Volunteer)**

911 or 712 852-3456

**Palo Alto County Emergency Management Coordinator**

Mark Hunefeld

1907 11<sup>th</sup> Street

Emmetsburg, IA

Phone: 712 852-4997 712-298-2258

**Iowa Lakes Electric Cooperative**

Emergency &amp; Outage Calls 1 800 225-4532

Office: 712 362-2694

**Gas**

Star Energy 712-469-3708

**Phone**

Windstream 800 347-1991

**City of Emmetsburg**

2021 Main St.

Emmetsburg, IA 50536

Phone: 712 852-4030

**Internet**

Northwest Comm 1-800-249-5251



## **News Media**

**KICD Radio Station**

2600 Hwy. Blvd.  
Spencer, IA 51301

**KEMB LP**

1121 Broadway  
Emmetsburg, IA 50536  
Phone: 712 852-5362

**Emmetsburg Democrat & Reporter**

1901 Main  
Emmetsburg, IA 50536  
Phone: 712 852-2323

## Special Populations

**Iowa Lakes Community College**

3200 College Drive  
Emmetsburg, IA 50536  
Phone: 712 852-3554

**Palo Alto County Hospital**

3201 First Street  
Emmetsburg, IA 50536  
Phone: 712 852-5500

**Emmetsburg Community Schools**

205 King Street  
Emmetsburg, IA 50536  
Phone: 712 852-3201

**Emmetsburg Care Center**

2405 21<sup>st</sup> Street  
Emmetsburg, IA 50536  
Phone: 712 852-4266

**Lakeside Lutheran Home**

301 N Lawler  
Emmetsburg, IA 50536  
Phone: 712 852-4060

**Emerald Oaks Assisted Living**

2603 17<sup>th</sup> Street  
Emmetsburg, IA 50536

## **Appendix C: Certificate of Verification**

## Certificate of Verification

**Aletha King**

I, Aletha King, certify that a copy of the Emergency Response and Remedial Action Plan (ERRAP) for the Palo Alto County Transfer Station has been provided for my review. I further state that I have read the ERRAP and am familiar with the contents.

Employee Signature /Date

Aletha King 8-5-2021

I, \_\_\_\_\_, certify that a copy of the Emergency Response and Remedial Action Plan (ERRAP) for the Palo Alto County Transfer Station has been provided for my review. I further state that I have read the ERRAP and am familiar with the contents.

Employee Signature /Date

, \_\_\_\_\_, certify that a copy of the Emergency Response and Remedial Action Plan (ERRAP) for the Palo Alto County Transfer Station has been provided for my review. I further state that I have read the ERRAP and am familiar with the contents.

Employee Signature /Date

I, \_\_\_\_\_, certify that a copy of the Emergency Response and Remedial Action Plan (ERRAP) for the Palo Alto County Transfer Station has been provided for my review. I further state that I have read the ERRAP and am familiar with the contents.

Employee Signature /Date

## Certificate of Verification

Todd Ditch

I, TODD DITCH, certify that a copy of the Emergency Response and Remedial Action Plan (ERRAP) for the Palo Alto County Transfer Station has been provided for my review. I further state that I have read the ERRAP and am familiar with the contents.

Employee Signature /Date

Todd Ditch 8-5-2021

I, \_\_\_\_\_, certify that a copy of the Emergency Response and Remedial Action Plan (ERRAP) for the Palo Alto County Transfer Station has been provided for my review. I further state that I have read the ERRAP and am familiar with the contents.

Employee Signature /Date

, \_\_\_\_\_, certify that a copy of the Emergency Response and Remedial Action Plan (ERRAP) for the Palo Alto County Transfer Station has been provided for my review. I further state that I have read the ERRAP and am familiar with the contents.

Employee Signature /Date

I, \_\_\_\_\_, certify that a copy of the Emergency Response and Remedial Action Plan (ERRAP) for the Palo Alto County Transfer Station has been provided for my review. I further state that I have read the ERRAP and am familiar with the contents.

Employee Signature /Date

## Certificate of Verification

Kevin Malm

I, Kevin Malm, certify that a copy of the Emergency Response and Remedial Action Plan (ERRAP) for the Palo Alto County Transfer Station has been provided for my review. I further state that I have read the ERRAP and am familiar with the contents.

Employee Signature /Date Kevin Malm 8-5-21

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I, Kevin Malm, certify that a copy of the Emergency Response and Remedial Action Plan (ERRAP) for the Palo Alto County Transfer Station has been provided for my review. I further state that I have read the ERRAP and am familiar with the contents.

Employee Signature /Date Kevin Malm

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, \_\_\_\_\_, certify that a copy of the Emergency Response and Remedial Action Plan (ERRAP) for the Palo Alto County Transfer Station has been provided for my review. I further state that I have read the ERRAP and am familiar with the contents.

Employee Signature /Date

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I, \_\_\_\_\_, certify that a copy of the Emergency Response and Remedial Action Plan (ERRAP) for the Palo Alto County Transfer Station has been provided for my review. I further state that I have read the ERRAP and am familiar with the contents.

Employee Signature /Date

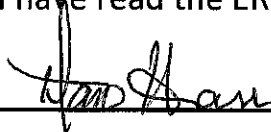
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## Certificate of Verification

Dan Harr

I, Dan Harr, certify that a copy of the Emergency Response and Remedial Action Plan (ERRAP) for the Palo Alto County Transfer Station has been provided for my review. I further state that I have read the ERRAP and am familiar with the contents.

Employee Signature /Date

 8-01-2021

I, \_\_\_\_\_, certify that a copy of the Emergency Response and Remedial Action Plan (ERRAP) for the Palo Alto County Transfer Station has been provided for my review. I further state that I have read the ERRAP and am familiar with the contents.

Employee Signature /Date

, \_\_\_\_\_, certify that a copy of the Emergency Response and Remedial Action Plan (ERRAP) for the Palo Alto County Transfer Station has been provided for my review. I further state that I have read the ERRAP and am familiar with the contents.

Employee Signature /Date

I, \_\_\_\_\_, certify that a copy of the Emergency Response and Remedial Action Plan (ERRAP) for the Palo Alto County Transfer Station has been provided for my review. I further state that I have read the ERRAP and am familiar with the contents.

Employee Signature /Date



## **PALO ALTO COUNTY TRANSFER STATION**

### **Closure Cost Estimate for FY 2022**

The following is intended to comply with section 567 IAC 106.18(4) of the Iowa Administrative Code as it pertains to Transfer Stations. Currently waste received at the Palo Alto County Transfer Station is loaded into a truck and trailer owned by Palo Alto County and hauled to the Northern Plains Regional Landfill for disposal. The following cost estimate assumes waste will be disposed of in the same manner.

#### **COST ESTIMATE**

**1. Cost to dispose of twice the daily storage capacity of Palo Alto County Transfer Station**

Palo Alto County Solid Waste owns two transfer trailers which are used in the operation of the transfer station. Each has a maximum holding capacity of 32,000 #/16 Ton. Twice the maximum storage capacity for Palo Alto County Transfer Station is 64 ton.

Tipping fee @ Northern Plains Regional Landfill	64 ton X \$75 = \$ 4800
Labor (Two laborers 8 hrs. each @ \$22 / hour	16 hrs. X \$22 = \$ 352
Transportation 4 loads	4 loads X \$125 = \$500
TOTAL	<hr/>
	\$ 5652

**2. Cost of hiring a third party to properly clean and decontaminate all equipment, storage trailers and holding areas.**

Commercial cleaning service (8 hrs. @ \$ 50)	\$ 400
Certified pumper to pump and dispose of wastewater	\$ 400
TOTAL	<hr/>
	\$ 800

**3. Disposal costs of recyclables**

White goods	40 units X \$10 = \$400
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Waste tires	100 tires X \$8 =\$800
Paper/Cardboard (trucking)	\$125
Scrap metal (trucking)	\$185

TOTAL	<hr/> \$1510
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### TOTAL COST FOR CLOSURE

1. Disposal twice daily storage capacity	\$5652
2. Cleaning	\$800
3. Recyclables	\$1510

TOTAL ESTIMATE	<hr/> \$7962
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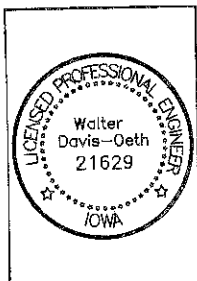
Contingency: 10 %	\$800
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TOTAL INCLUDING CONTINGENCY	\$8762
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*Walter Davis-Oeth*

Date 7/23/21

Walter Davis-Oeth, Palo Alto County Engineer



# TRANSFER STATION LOCAL GOVERNMENT DEDICATED FUND

RESOLUTION NUMBER 07-27-2021

**THE PURPOSE** of this resolution is to approve the "Local Government Dedicated Fund" up to an amount not to exceed \$ 20,000.00 as the financial assurance mechanism for the Palo Alto County Transfer Station. We hereby certify that this fund conforms in all respects with the requirements found in Iowa Administrative Code 567 Chapter 106.

**WHEREAS**, Section 455B.306 of the Code of Iowa requires a financial assurance instrument(s) for all sanitary disposal projects; and

**WHEREAS**, the Palo Alto County Transfer Station located at 3428 450<sup>th</sup> Avenue, has applied to the Iowa Department of Natural Resources, herein referred to as "DNR", to operate a sanitary disposal project located within the State of Iowa, and is required pursuant to 567 IAC Chapter 106 to maintain financial assurance for closure care in connection therewith; and

**WHEREAS**, 567 IAC Chapter 106.18(5)"b" provides for the "Local Government Dedicated Fund" mechanism to be an acceptable financial assurance instrument, and the Palo Alto County Transfer Station meets the requirements of said subrule; and

**WHEREAS**, said Local Government Dedicated Fund may be terminated by giving written notice of intent to terminate, at least 90 days prior to the date of termination. When such notice is provided, the Palo Alto County Transfer Station shall, within 60 days, provide to DNR proof of alternate financial assurance. If a means of alternate financial assurance is not provided within the 60 days, DNR shall suspend the permit and the Palo Alto County Transfer Station shall be required to perform proper closure within 30 days of the permit suspension. If the Palo Alto County Transfer Station does not properly close the site within the 30 days, this shall constitute a failure to perform and DNR shall file a claim with the financial assurance provider to collect the amount of funds necessary to properly close the facility covered under this resolution.

**IT IS HEREBY RESOLVED** to adopt the "Local Government Dedicated Fund" as the financial assurance mechanism for the Palo Alto County Transfer Station, and to comply with the requirements of the "Local Government Dedicated Fund" as outlined in 567 IAC Chapter 106.18(5)"b".

**MOVED BY** Keigh Wirtz to pass Resolution No. 7-27-2021  
**and seconded by** Bon Graettinger.

Linus Solberg, Chair  
Carmen Moser, Auditor

Motion was made by Ron Graefinger and seconded by Roger Faulstich  
to introduce and approve the following Resolution:

Resolution No. 7-27-2021(A)

WHEREAS, the Transfer Station permit inspection form has been completed and it is desired to authorize the County Auditor to transfer sums from the Rural Services Basic Fund to the Closure/Post Closure Trust Fund to establish financial assurance, and

THEREFORE, it is approved to transfer the sum of \$974 from the Rural Services Fund (11000) to the Closure/Post Closure Trust Fund (16000) making the Closure/Post Closure Trust Fund a balance of \$8,762 for FY22.

Ayes:

Nays: none

Resolution Passed.

Linus Solberg

Linus Solberg, Chair

7-27-2021

date

Caum Man

Attest: County Auditor