INTRADEPARTMENTAL MEMORANDUM

FILE: Kalix (0028)

TO: Charles R. Hyatt, Director
Division of Waste Management

FROM: Diana A. Trusselt, Manager
Solid Waste Program
Division of Waste Management

SUBJECT: Permit Application Review

DATE: May 31, 2022

Introduction

On March 4, 2021, the North Dakota Department of Environmental Quality (Department) received a permit application for a renewal for Kalix’s transfer station.

Kalix currently owns and operates a transfer station, regulated under Permit 0028, located in the SW1/4 of Section 20, Township 155 North, Range 82 West in Ward County, ND. Kalix is proposing to renew their permit to continue current operations of transferring recyclable materials. The facility was first permitted in 2001.

Design

The facility was first permitted as the Minot vocational Adjustment Workshop, Inc. in 2001. On February 14, 1994, they purchased the current building where the recycling center and transfer station activities would be situated. In June 1994, all offices and operations were moved into the new building and the north portion of the building was set aside for the recycling facility and transfer station activities. Since June 1994, the recycling activities and use of a transfer station have continued uninterrupted. Site development since that time has included the installation of chain link fencing in the 1990s, the installation of an air exchange system in the recycling center in 2009, and roof repairs beginning in September 2010. The facility has a sign at the entrance to the facility.

Operation

As of February 2020, due to current recycling markets, Kalix only accepts confidential documents and mixed office paper for recycling. Kalix will pick up confidential documents. In addition, public drop-off events will be scheduled occasionally and they will announce it on their social media accounts and their website at least 30 days prior to the scheduled event.
Prior to that, Kalix accepted: corrugated cardboard, newspaper, magazines, office paper, tin cans, aluminum beverage cans, and electronic wastes such as computers, printers, fax machines, cell phones, lithium batteries, fluorescent bulbs, ballasts and capacitors. The recyclable products come from Minot and surrounding communities including Sawyer, Berthold, Kenmare, Williston, Harvey and several smaller towns. In 2021, Kalix accepted 213.3 tons of office paper.

The previous permit application included a plan of operation that has remained unchanged. The plan includes the following sections:

- Loading and unloading of product
- General equipment maintenance
- Workshop/transfer station safety/sanitary rules
- Worker training and supervision

**Closure**

Upon closure of the facility, all recyclable materials and any other waste material will be removed and disposed of at a permitted facility.

**Compliance History**

There have been no compliance issues noted at the facility, and no formal notices of violations have been issued to the facility.

**Solid Waste Management Rules (NDAC Article 33.1-20)**

**NDAC Section 33.1-20-02.1-05. Record of notice.**

A record of notice is not required for transfer stations.

**NDAC Section 33.1-20-02.1-06. Property rights.**

The permit application included documentation showing that Kalix owns the property.

**NDAC Section 33.1-20-03.1-01. Preapplication procedures.**

A preapplication is not required for transfer stations.

**NDAC Section 33.1-20-03.1-02. Permit application procedures.**

**NDAC Subsections 33.1-20-03.1-02(1) – (3)**

A permit application and supporting documents were submitted to the Department on March 4, 2021.

**NDAC Subsection 33.1-20-03.1-02(4)**

A public notice by the facility is not required for a permit renewal and no major modifications are being proposed.
NDAC Subsection 33.1-20-03.1-02(5)

Notification to the North Dakota Public Service Commission is not required as the facility is not proposing to dispose of coal processing wastes in a mining permit area.

NDAC Subsection 33.1-20-03.1-02(6)

Applications for a solid waste management unit or facility permit must include the following information where applicable:

a. A completed application form, subsection 1;

A permit application and supporting documents were submitted to the Department on March 4, 2021.

b. A description of the anticipated physical and chemical characteristics, estimated amounts, and sources of solid waste to be accepted, including the demonstration required by North Dakota Century Code section 23.1-08-14;

As of February 2020, due to current recycling markets, Kalix only accepts confidential documents and mixed office paper for recycling. Prior to that, Kalix accepted: corrugated cardboard, newspaper, magazines, office paper, tin cans, aluminum beverage cans, and electronic wastes such as computers, printers, fax machines, cell phones, lithium batteries, fluorescent bulbs, ballasts and capacitors. The recyclable products come from Minot and surrounding communities including Sawyer, Berthold, Kenmare, Williston, Harvey and several smaller towns. In 2021, Kalix accepted 213.3 tons of office paper.

c. The site characterization of section 33.1-20-13-01 and a demonstration that the site fulfills the location standards of section 33.1-20-04.1-01;

The requirements of this section are not applicable as the facility is a transfer station and is not proposing any disposal activities.

d. Soil survey and segregation of suitable plant growth material;

The requirements of this section are not applicable as the facility is a transfer station and is not proposing any disposal activities.

e. Demonstrations of capability to fulfill the general facility standards of section 33.1-20-04.1-02;

The previous permit application included a plan of operation that has remained unchanged. The plan of operation meets the requirements of this section. The plan includes the following sections:

- Loading and unloading of product
- General equipment maintenance
- Workshop/transfer station safety/sanitary rules
• Worker training and supervision

f. Facility engineering specifications adequate to demonstrate the capability to fulfill performance, design, and construction criteria provided by this article and enumerated in this subdivision;

1) Transfer stations and drop box facilities, section 33.1-20-04.1-06.

The facility was first permitted as the Minot vocational Adjustment Workshop, Inc. in 2001. On February 14, 1994, they purchased the current building where the recycling center and transfer station activities would be situated. In June 1994, all offices and operations were moved into the new building and the north portion of the building was set aside for the recycling facility and transfer station activities. Since June 1994, the recycling activities and use of a transfer station have continued uninterrupted. Site development since that time has included the installation of chain link fencing in the 1990s, the installation of an air exchange system in the recycling center in 2009, and roof repairs beginning in September 2010. The facility has a sign at the entrance to the facility.

As of February 2020, due to current recycling markets, Kalix only accepts confidential documents and mixed office paper for recycling. Prior to that, Kalix accepted: corrugated cardboard, newspaper, magazines, office paper, tin cans, aluminum beverage cans, and electronic wastes such as computers, printers, fax machines, cell phones, lithium batteries, fluorescent bulbs, ballasts and capacitors. The recyclable products come from Minot and surrounding communities including Sawyer, Berthold, Kenmare, Williston, Harvey and several smaller towns. In 2021, Kalix accepted 213.3 tons of office paper.

The previous permit application included a plan of operation that has remained unchanged. The plan includes the following sections:

• Loading and unloading of product
• General equipment maintenance
• Workshop/transfer station safety/sanitary rules
• Worker training and supervision


The requirements of this section are not applicable as the facility is not proposing to manage any waste piles.
3) **Resource recovery, section 33.1-20-04.1-08.**

The requirements of this section are not applicable as the facility is not proposing any resource recovery activities.

4) **Land treatment, section 33.1-20-04.1-09 and chapter 33.1-20-09.**

The requirements of this section are not applicable as the facility is not proposing a land treatment facility.

5) **Non-CCR surface impoundments, section 33.1-20-04.1-09 and chapter 33.1-20-08.1.**

The requirements of this section are not applicable as the facility is not proposing any surface impoundments.

6) **Any disposal, section 33.1-20-04.1-09.**

The requirements of this section are not applicable as the facility is not proposing any disposal activities.

7) **Inert waste landfill, chapter 33.1-20-05.1.**

The requirements of this section are not applicable as the facility is not proposing an inert waste landfill.

8) **Municipal waste landfill, chapter 33.1-20-06.1.**

The requirements of this section are not applicable as the facility is not proposing a municipal waste landfill.

9) **Industrial waste landfill, chapters 33.1-20-07.1 or 33.1-20-10.**

The requirements of this section are not applicable as the facility is not proposing an industrial waste landfill.

10) **TENORM waste landfill, chapters 33.1-20-07.1 or 33.1-20-10 and 33.1-20-11**

The requirements of this section are not applicable as the facility is not proposing a TENORM waste landfill.

11) **Special waste landfill, chapter 33.1-20-07.1;**

The requirements of this section are not applicable as the facility is not proposing a special waste landfill.
12) CCR unit, chapter 33.1-20-08;

The requirements of this section are not applicable as the facility is not proposing a CCR unit.

13) Municipal solid waste ash landfills, chapter 33.1-20-10;

The requirements of this section are not applicable as the facility is not proposing a municipal solid waste ash landfill.

14) Regulated infectious waste unit, chapter 33.1-20-12;

The requirements of this section are not applicable as the facility is not proposing a regulated infectious waste unit.

g. The plan of operation of section 33.1-20-04.1-03;

The previous permit application included a plan of operation that has remained unchanged. The plan of operation meets the requirements of this section. The plan includes the following sections:

- Loading and unloading of product
- General equipment maintenance
- Workshop/transfer station safety/sanitary rules
- Worker training and supervision

h. Demonstration of the treatment technology of section 33.1-20-01.1-12;

The requirements of this section are not applicable as the facility is not proposing to treat waste.

i. The place where the operating record is or will be kept, section 33.1-20-04.1-04;

The operating record is kept at the facility.

j. Demonstration of capability to fulfill the groundwater monitoring, sections 33.1-20-08-06 or 33.1-20-13-02;

The requirements of this section are not applicable as the facility is a transfer station and groundwater monitoring is not required.

k. Construction quality assurance and quality control;

The requirements of this section are not applicable as the facility is a transfer station and is not proposing any disposal activities or construction.
I. Demonstrations of capability to fulfill the closure standards, section 33.1-20.1-04.1-05 and otherwise provided by this article;

Upon closure of the facility, all recyclable materials and any other waste material will be removed and disposed of at a permitted facility.

m. Demonstrations of capability to fulfill the postclosure standards, section 33.1-20-04.1-09 and otherwise provided by this article; and

The requirements of this section are not applicable as the facility is a transfer station and postclosure care is not required.

n. A disclosure statement as required by North Dakota Century Code section 23.1-08-17.

A disclosure statement that meets the requirements of this section was submitted to the Department on March 4, 2021.

**Conclusion**

Based on the submitted application and items discussed above, Kalix has shown that the renewal meets the requirements of the North Dakota Solid Waste Management Rules. It is proposed that the Department grant Kalix a permit with the conditions listed in Permit 0028. The proposed permit length is for a period of 10 years because the facility has not had any compliance issues and they only accept recyclable materials for transfer.

CRH:DAT
Attachment