

INTRADEPARTMENTAL MEMORANDUM

FILE: TG Sanitation, Inc.

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

FROM: Diana A. Trussell, Manager *DAT*
Solid Waste Program
Division of Waste Management

SUBJECT: Permit Application Review

DATE: May 1, 2024

Introduction

On September 5, 2023, the North Dakota Department of Environmental Quality (Department) received a permit application for a new solid waste management facility for TG Sanitation, Inc.'s transfer station facility.

TG Sanitation, Inc. proposes to operate a transfer station facility on approximately 5 acres located in the NW1/4 of the NE1/4 of Section 32, Township 133 North, Range 47 West in County, ND.

Design

The property will be surrounded by fencing and there will be a scale and scale house. The building will have large overhead doors on each side of the building. The transfer station building will be 100 feet by 120 feet with a single bay pit that is recessed off the tipping floor. Leachate containment will be handled through floor drains in the tipping floor and the floor will be sloped to direct any potential leachate into the drains. There will be a separate bay for construction demolition waste.

Operation

The facility will accept municipal solid waste, recyclables and construction demolition waste. The construction demolition waste will consist of clean wood, concrete, metal and other general construction waste. The waste will be transferred to Roberts County Landfill near Sisseton, SD or the Watertown Municipal Solid Waste Landfill. In addition, the facility will accept white goods, tires, batteries, and electronics, which will be placed in their own separate containers and hauled out for recycling. The car batteries will be recycled in Sioux Falls, SD at Millenium Recycling.

Closure

When the facility decides to close, all waste will be removed and taken to a permitted disposal facility or recycled as appropriate.

Compliance History

TG Sanitation, Inc. is proposing a new transfer station facility and there have been no issues of noncompliance noted 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.

A search of the North Dakota Property Tax Information Portal shows that TG Sanitation Inc owns the property that the transfer station will be located on. TG Sanitation also obtained local zoning approval from the City of Wahpeton.

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 completed application form and supporting documents were submitted to the Department on September 5, 2023. A hard copy and an electronic copy were submitted. No application fee is required for a transfer station.

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

A public notice was published in the Wahpeton Daily News on September 23, 2023 and September 30, 2023. An affidavit of publication was submitted to the Department on October 6, 2023.

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 completed application form and supporting documents were submitted to the Department on September 5, 2023. A hard copy and an electronic copy were submitted. No application fee is required for a transfer station.

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;

The facility will accept municipal solid waste, recyclables and construction demolition waste. The construction demolition waste will consist of clean wood, concrete, metal and other general construction waste. The waste will be transferred to Roberts County Landfill near Sisseton, SD or the Watertown Municipal Solid Waste Landfill. In addition, the facility will accept white goods, tires, batteries, and electronics, which will be placed in their own separate containers and hauled out for recycling. The car batteries will be recycled in Sioux Falls, SD at Millenium Recycling.

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 transfer station facility is located on the north side of Wahpeton, ND in an area with other industrial businesses. The property has Doran clay loam soils with a 0 to 2 percent slope. The depth to water table is typically 18 to 42 inches. The location meets the requirements of this section as it is a transfer station and no disposal activities are proposed.

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;

A Plan of Operation was submitted with the permit application. It addresses the requirements of this section including:

- Odor Control Program
- Litter Control Program
- Leachate Containment
- Vector Control Program

- Fire Control and Prevention Program
Additional information can be found in the **g) Plan of operation** section of this memo.

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 will accept municipal solid waste, recyclables and construction demolition waste. The construction demolition waste will consist of clean wood, concrete, metal and other general construction waste. The waste will be transferred to Roberts County Landfill near Sisseton, SD or the Watertown Municipal Solid Waste Landfill. In addition, the facility will accept white goods, tires, batteries, and electronics, which will be placed in their own separate containers and hauled out for recycling. The car batteries will be recycled in Sioux Falls, SD at Millenium Recycling.

2) Waste piles, section 33.1-20-04.1-07.

The facility will accept white goods, tires, batteries, and electronics, which will be placed in their own separate containers and hauled out for recycling. The car batteries will be recycled in Sioux Falls, SD at Millenium Recycling.

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;

A Plan of Operation was submitted with the permit application. It included the following sections:

- Operating Hours
- Operating Capacities
- Types of Refuse to be Collected

- Personnel Duties
- Odor Control Program
- Litter Control Program
- Disposal and Transfer Arrangements
- Communications
- Provisions for Limited Access
- Weighing Facilities
- Leachate Containment
- Vector Control Program
- Fire Control and Prevention Program
- On-Site Traffic Patterns
- Routine House Cleaning Schedules
- Non-Processible Waste

The Plan of Operation meets the requirements of this section.

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 will be 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 an inert waste landfill or transfer station and groundwater monitoring is not required.

k. Construction quality assurance and quality control;

The building is designed with steel wall panels and concrete floors. The building will have large overhead doors on each side of the building. The transfer station building will be 100 feet by 120 feet with a single bay pit that is recessed off the tipping floor. There will be a separate bay for construction demolition waste.

l. Demonstrations of capability to fulfill the closure standards, section 33.1-20.1-04.1-05 and otherwise provided by this article;

When the facility decides to close, all waste will be removed and taken to a permitted disposal facility or recycled as appropriate.

- 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 September 5, 2023.

Conclusion

Based on the submitted application and items discussed above, TG Sanitation, Inc. has shown that the proposed transfer station facility meets the requirements of the North Dakota Solid Waste Management Rules. It is proposed that the Department grant TG Sanitation, Inc. a permit with the conditions listed in the draft permit. The proposed permit length is for a period of 10 years because the facility is a transfer station and no disposal activities are proposed.

CRH:DAT
Attachment