

Inert Landfill Operation Plan

I. Introduction

The city of Kenmare owns and operates an inert waste landfill located at 950 Park Ave, Kenmare, ND.

This document contains the plans for the operation of an inert waste landfill. The plan of operation explains the management and operation of the inert waste landfill and serves to bring the facility into compliance with the NDDoH regulations.

The contact person for this facility is the Public Works Director. The telephone number to reach landfill personnel is 701-217-0187.

The NDDoH, Division of Waste Management, regulates the operation of inert waste landfills. Kathleen Kangas is the Department representative from the Division of Waste Management for oversight and inspections at the site. Chuck Hyatt is the Director of the Division of Waste Management.

II. Objective and Scope

The purpose of the plan of operation is to provide the operator and employees of Kenmare with a guide manual for the operation of the inert waste landfill. It has the following purposes:

- A. Identify waste acceptance and handling procedures.
- B. Establish a waste inspection and monitoring plan.
- C. Provide contingency plan for emergencies.
- D. Keep the site secured from unauthorized personnel.
- E. Provide a health and safety plan for the facility.
- F. Provide a procedure for inspection of the facility by the owner/operator.
- G. Establish record keeping and reporting procedures.

III. Plan of Operation

This plan was prepared to help personnel operate an inert waste landfill in compliance with State Rules. The Kenmare inert waste landfill is operated according to the plan of operation. The plan of operation is available to city personnel, the NDDoH, and other regulatory officials and agencies.

- A. The city of Kenmare accepts only inert waste from local residents and area contractors at its inert waste landfill. Inert wastes include the following:
 - a. Clean burning waste such as trees, lumber, demolition lumber, and wooden furniture.
 - b. Building or structure demolition and repair waste such as concrete, bricks, mortar, drywall, plaster, asphalt roofing or shingles, insulation and siding.
 - c. Household inert waste such as carpet, draperies, upholstered furniture, and mattresses.

Inert Landfill Operation Plan

- d. Metal wastes such as major appliances and demolition metals are stockpiled in a separate area for recycling. Major appliances including stoves, refrigerators, freezers, washing machines, dryers, etc. are prohibited from disposal and are stockpiled for recycling.
- e. Yard waste including grass and leaves.
- f. Scrap tires.

The following is a list of items not acceptable for disposal at the Kenmare inert waste landfill.

Municipal waste, household garbage, asbestos, infectious waste, waste grain, elevator screenings, treated grain, animal waste, carcasses, sewage waste, pesticide cans, batteries, hazardous waste, oils, greases, oil filters, solvents, waste containing free liquids.

Waste that we identify as unacceptable will not be accepted or will be separated from the load and returned at the earliest opportunity to the generator or hauler, who is then responsible for the proper disposal of the rejected waste.

B. Waste Handling Procedures

When the transport vehicle enters the facility, the operator or his designated representative will review the contents of the load and direct the hauler where to dump. Separate areas have been established for stockpiling wood before it is burned, concrete and asphalt, scrap metal and appliances, compostable materials, and tires. The landfill operator again inspects the off loaded contents to identify the presence of restricted waste.

When the burn pile becomes sufficiently large, the city of Kenmare will inspect the pile for unallowed waste and then will send a completed burn variance application to the Department. Upon receipt of the burn variance, the city will wait for the proper conditions and then start the pile on fire. When the burn pile is reduced to ash and the fire goes out, the city will use its equipment to push the ash into the disposal trench at the facility.

Building or structure demolition and repair waste and household inert waste will be placed directly into the disposal trench.

All metal will be stockpiled in a designated area and stockpiled for future recycling.

Compostable materials, including grass clippings and leaves, will be placed in the compost pile. Yard waste will not be burned.

A 6" to 12" thick layer of dirt will be placed over the waste in the disposal trench at least two times per year, more often if necessary.

Inert Landfill Operation Plan

C. Contingency Plan

Fire extinguishers are placed on all facility equipment. The fire extinguishers will be used to put out small fires. The city of Kenmare fire department will respond to the site if small fires cannot be contained. The city of Kenmare fire department's phone number is 701-385-4444 or 911.

D. Dust Control

If blowing debris becomes a problem, additional soil cover will be placed over the affected area to stop the blowing waste. Areas not being used for operation will be planted to native grasses to help prevent erosion.

E. Facility Sign

The facility sign will state the hours of operation. Access is restricted to those hours of operation. Access is restricted to those hours of operation. Security at the facility is important to control scavenging, vandalism, and theft.

F. Facility Inspection by Owner and Operator

The landfill operator will conduct routine inspections of the facility to ensure compliance with state rules. A sample of the inspection checklist is attached. We will inspect the facility at least monthly. The completed forms will be placed in a logbook and kept at the facility.

G. Record keeping and Reporting

The city of Kenmare will submit an annual report to the Department showing the volume and type of waste collected at the facility for the calendar year. The report will be forwarded to the Department by March 1st of the following year. All appliances must have receipt number issued to customer permanently marked on appliance with supplied marking device

H. Personnel

It is the duty of the landfill operator to maintain to inert landfill in accordance with the plan of operation. All new landfill operators will be overseen by a certified landfill operator until the landfill operator becomes certified by the Health Department.

I. Life of Facility

The current inert pile will be pyramided until 10 feet tall which has an estimated life of five (5) years. At which point the new Cell will be opened with an estimated life of five (5) additional years.