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APPROVED
DIVISION OF WASTE MANAGEMENT
SOLID WASTE SECTION

Date **05/06/09** By *Patricia M. Backus*
A1P2D1

Permit Amendment Application
and
Operations Plan

HERTFORD COUNTY TRANSFER STATION
WINTON, NORTH CAROLINA

Permit No. 46-02T

Hertford County Public Works

Revised April 2009

APPLICATION TABLE OF CONTENTS

- I. General Information
- II. Property Information
- III. Operations Plan

I. GENERAL INFORMATION

This permit application and operations plan has been developed for the Hertford County Department of Public Works for the operation of the Hertford County Transfer Station on Mr. Moriah Road in Winton, North Carolina. The purpose of the plan is to provide guidelines for the operation of the transfer facility in accordance with the North Carolina Solid Waste Management Rules and generally sound environmental and waste management practices.

The physical address is

Hertford County Transfer Station
227 Mt. Moriah Road
Winton, NC 27986

The mailing address is

Hertford County Transfer Station
P. O. Box 556
Winton, NC 27986

Key personnel associated with the operation of the facility are

Melvin Nichols, Director
Public Works Department
227 Mt. Moriah Road
P. O. Box 556
Winton, NC 27986
Telephone: (252) 358-7867

Norma Harrell, Office Manager
Solid Waste Department
P. O. Box 556
Winton, NC 27986

II. PROPERTY INFORMATION

The Hertford County Transfer Station is located at 227 Mt. Moriah Road (SR 1174) at the end of SR 1203 approximately three miles north of the Town of Winton and south of the intersection with Highway 158 North.

III. OPERATIONS PLAN (Starts on next page)

Operations Plan

**HERTFORD COUNTY TRANSFER STATION
WINTON, NORTH CAROLINA**

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TABLE OF CONTENTS

- A. General**
- B. Hours of Operation**
- C. Waste Acceptance and Screening**
- D. Operations Description**
- E. Washdown Waste**
- F. Fire Control**
- G. Hazard and Nuisance Control**
- H. Equipment**
- I. Personnel**
- J. Recordkeeping**
- K. Site Photo**

A. General

The Hertford County Transfer Station is owned and operated by the County of Hertford. Waste is brought to the facility from residential (90%), commercial (8%), and industrial (2%) sources within the service area that includes all of Hertford County. The transfer station accepts municipal solid waste (MSW); construction and demolition debris waste (C&D); special wastes, such as tires, white goods and used oil; and recyclables. Approximately 8,200 tons per year are shipped from the facility to the East Carolina Regional Landfill in Bertie County, Permit No. 08-03.

Signs at the entrance announce the permit number, hours of operation, lists of acceptable and unacceptable waste, and emergency contact name and telephone number.

The facility is operated in accordance with the conditions of Permit No. 46-02T issued by the State of North Carolina, Division of Waste Management, Solid Waste Section.

B. Hours of Operation

The Hertford County Transfer Station is open Monday thru Friday except for holidays observed by the county. The operating hours are 8:30 a.m. to 5:00 p.m. Holidays when the facility is closed are Martin Luther King Day, July 4th, Thanksgiving Day, Christmas Day, and New Year's Eve.

To control access, the entrance to the facility is secured by a locked gate at all times except during operating hours. Access roads are all-weather construction.

C. Waste Acceptance and Screening

The Hertford County Transfer Station is authorized to accept MSW and C&D waste.

“Municipal Solid Waste” is defined as solid waste resulting from the operation of residential, commercial, industrial, governmental, or institutional establishments that would normally be collected, processed, and disposed of through a public or private solid waste management service. [N.C.G.S. 130A-290(a)(18a)]

“Construction and Demolition Debris or Waste” is defined as solid waste resulting solely from construction, remodeling, repair, or demolition operations on pavement, building, or other structures, but does not include inert debris, land-clearing debris or yard debris. [N.C.G.S. 130A-290 (a)(4)]

A sign is posted at the facility listing all items banned from acceptance at this facility and the East Carolina Regional Landfill. Banned items include:

- Yard Trash,
- Lead-Acid Batteries,
- Liquid Paint or any Liquid Waste,
- Large Car Parts,
- Medical Supplies,
- Animals Waste or Carcasses,
- Poisons, and
- Oyster Shells.

Waste is screened as it comes into the transfer station to prevent banned items from entering the facility. The scale house attendant asks the waste hauler the type of waste he is carrying. Approximately 98% of all loads that come to the facility are screened by an operation specialist who visually inspects the loads. A waste screening report is completed on approximately 1/3 of these loads and is filed at the facility. If a banned item, that item has to be removed and taken away by the person or persons that brought it in.

Undesirable or prohibited waste can be reported to NC Department of Environment and Natural Resources. Contact information is as follows:

NC Department of Environment and Natural Resources
Division of Waste Management
401 Oberlin Road, Suite 150
Raleigh, NC 27605

Mailing Address:
1646 Mail Service Center
Raleigh, NC 27699-1646

Phone: (919) 733-4800

Fax: (919) 733-4810

Contacts for the facility within the Solid Waste Section Compliance Branch are:

Field Operations Branch Head:	Mark Poindexter
Eastern Regional Supervisor:	Dennis Shackelford
Waste Management Specialist	Chuck Boyette

D. Operations Description

All vehicles enter the facility through the entrance gate on Mt. Moriah. The vehicles are weighed at the scale house and again as they leave the facility for record keeping purposes and to prevent overloaded vehicles from leaving the facility. The scale house operator records the weight received and the type of waste. Origin of waste is recorded if

they have an account with the facility. Weigh records are maintained and receipts are printed at the facility. The scale house operator or the pad operator then directs the vehicles to the proper location for the type of waste in the load. Specific waste locations are shown on site photo in section K.

Scrap tires are collected in a trailer located beside the scale house. Anyone bringing tires to the facility must fill out a Scrap Tire Certificate indicating their name and the number and size of the tires. At the end of the day the trailer is locked. When the trailer is full, a tire recycler is called to bring another trailer and to pick up and take away the full trailer.

White goods are collected on a concrete pad with concrete push walls on three sides. White goods with compressors are separated from other white goods. A contractor removes refrigerants in accordance with applicable laws and regulations. A scrap metal company picks up the white goods and other metal items as needed.

Recyclables are placed in closed containers with dividers. Each divider is labeled as to what type of recyclable goes in it. When containers are full, they are emptied and the recyclable is sold.

Used oil is received at the facility from county residents. The used oil is put in one of a 200-gallon drum. Two of these drums are onsite. When one drum is full, an oil recycler is called to pick up the oil for recycling.

C&D waste is collected in an area designated for C&D waste only. C&D is placed in an open top box and is hauled away when full.

Old or broken furniture is placed in open top boxes located on the western side of the tipping floor. When they are full, the boxes are taken to the East Carolina Regional Landfill in Bertie County.

Vehicles with waste for tipping floor are backed onto the concrete pad and unloaded. If any unacceptable items are found during this process, the person that brought them must remove them from the facility. Unloaded waste is contained within the limits of the tipping floor by push walls. A front-end loader is used to pick up the waste from the tipping floor and put it in one of two 40-cubic yard compactors for compacting. When full, they are hauled to East Carolina Regional Landfill in Bertie County.

E. Water Disposal

Water that contacts waste must be collected and properly treated prior to discharge. The only area where water can come into contact with waste is the tipping floor. Contact with rain water is reduced due to the covering. However, if any waste blows under the roof and onto the tipping floor, it is collected with a 55-gallon vacuum and stored in a 250-

gallon capacity tank. When the tank is pumped out, the water is taken to the Ahoskie waste water treatment plant which is about 12 miles away for proper treatment.

F. Fire Control

Waste is screened for prohibited or banned waste to keep potential fire hazards out of the facility. Waste is stored in metal containers or on concrete pads which also reduce the fire hazard. If a fire occurs, the primary fire control method is to notify the Winton Fire Department located approximately three miles away in the Town of Winton. Fire extinguishers are available onsite and may be used on small fires until the Fire Department arrives. The extinguishers are checked monthly and personnel are trained in their use.

G. Hazard and Nuisance Control

Some of the major components of hazard and nuisance in any waste transfer operation are prohibited or off-spec waste materials, litter, odor, and disease vectors.

The facility screens waste for prohibited or banned waste when vehicles enter the transfer station and as it is dumped on the tipping floor. Banned waste is not allowed and must be removed from the site by the person bringing it in.

The Hertford County Transfer Station is surrounded by woods and the tipping floor has a back push wall and a compactor on both sides. This reduces the spread of litter. Any trash that blows from the pad or any where at the facility is picked each day and disposed.

Odor and disease vectors are reduced by properly storing and removing waste from the site. If one of our two compactors breaks down, another is available to use until it is repaired. There are two front-end loaders and if one breaks down, the facility can operate with the other one. In the case of a power failure, waste can be hauled directly to the East Carolina Regional Landfill.

H. Equipment

The equipment is owned and operated by Hertford County. County staff conducts preventive and other maintenance as necessary to keep the equipment in good operational condition. The following equipment is used in the operation of the facility.

- 2 Front-End Loaders
- Open-Top Transfer Boxes 20,30,40 cu/yd
- Closed-Top Recyclable Boxes 40 cu/yd
- 2 Non-leakable Pesticide Containers 40 cu/yd

The front-end loaders are used to collect the waste from the tipping floor and dump it into the compactors. They are also used to keep the driveways and areas leading up the concrete pads smooth. When a compactor is filled, it is taken to East Carolina Regional Landfill in Bertie County.

I. Personnel

County employees operate the transfer station. Three employees have Weigh Master Licenses and are trained to man the scale house and weigh vehicles in and out of the facility. One is designated as regular scale house operator and the other two are used as needed for backup.

There are three certified Transfer Station Operation Specialists that screen and load waste. One is designated as the regular operation specialist and the others are used as needed for back up.

J. Recordkeeping

Hard copies of daily transactions at the Transfer Station are kept in files at Scale House. Electronic data is on a computer at Scale House and also down loaded to a zip drive and then loaded on a computer in the main office at 704 North King St. in Winton daily as a backup. Screening reports are kept at the scale house.

K. Site Photo

See next page.



MT MORIAH ROAD

599602

TIRE TRAILER

C&D WASTE

SCALES

SCALE HOUSE

RECYCLING
CONTAINERS

COVERED TIPPING FLOOR

FURNITURE BOXES

WHITE GOODS PAD

HERTFORD COUNTY TRANSFER STATION
PERMIT NO. 46-02T

227 MT. MORIAH ROAD
WINTON, NC

