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Jarman Johnson

HOKE COUNTY SOLID WASTE

DON RUSSELL-Solid Waste Director

August 19, 2003

Mr. Jim Barber
Permitting Branch Head
401 Oberlin Road
Raleigh, N.C. 27605

Mr. Barber,

In Our Compliance Audit Report (August 12, 2003), Mr. Shackelford informed me that our Transfer Station Permit No. 47-02T has expired. I apologize for this oversight and respectfully request that our permit be considered for renewal.

I have examined our operational plan and it is consistent with our current operational procedures. It was rewritten in May of 2002 and does not appear to require any amendments. A copy is enclosed for your review.

If I have failed to provide adequate documentation or information, please inform me and I will respond immediately. Thank you for your help in resolving this important matter.

Sincerely,



Don Russell



c.c. Mr. Dennis Shackelford

OPERATIONAL PLAN
FOR
HOKE COUNTY TRANSFER STATION
MAY 2002

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SECTION 1.0 INTRODUCTION

1.1 Purpose

This Operational Plan has been developed for Hoke County Transfer Station located in Hoke County, North Carolina. It has been prepared in accordance with North Carolina Solid Waste Rules –15A NCAC 13B.0402, Operational Requirements for Transfer Facilities.

The purpose of this plan is to provide the owner and operator with a manual that includes the necessary information and procedures to properly operate a Transfer Station, in accordance with all applicable rules and regulations. This plan addresses the following issues:

- (a) Waste Acceptance Criteria
- (b) Facility Operations
- (c) Erosion Control Requirements
- (d) Drainage Control and Water Protection
- (e) Disease and Vector Control
- (f) Signs and Safety Requirements
- (g) Access and Security
- (h) Facility Inspections

All personnel involved with the management of the facility are required to review the plan, and to maintain the facility in compliance with the plan. A copy of this plan must be kept on file at the Transfer Station at all times.

1.2 Facility Location

The Transfer Station is located in Hoke County, North Carolina on 700 C.C. Steel Road. The mailing Address is Post Office Box 179, Raeford, N.C. 28376.

The footprint of the Transfer Station Building is approximately 1/10 of 1 acre. It is located on a 60 acre tract that was once the City Landfill. Access to the facility is an unpaved road exiting from Doc Brown Road, approximately 4/10 of a mile from U.S. 401 Highway.

1.3 Facility Description

The Transfer Station Building is a pre-engineered metal building with 10 feet high push walls on the north and south sides. Incoming waste is dumped onto the tipping floor at the west end. A front end loader pushes the waste into an open top trailer that is positioned in the loading bay below the tipping floor at the east end.

Beyond the loading bay are two 1200 gallon concrete storage tanks. They are fed by a collection and handling system that captures wash down water from the tipping floor and loading bay. The drain is located in a covered area to promote stormwater/leachate separation.

In addition to the Transfer Station Building are three other structures. One building is The Solid Waste Director's Office. Another is Vehicle Maintenance, Animal Control and the Scale House. The third is The Animal Shelter and Humane Society. The road from the entrance gate to the scale is paved with asphalt. The scale is an inground type scale.

The owner of The Transfer Station is Hoke County, who is responsible for its operation. Mr. Don Russell (Solid Waste Director) oversees all operations. Mr. Russell is S.W.A.N.A. trained and certified in the operation of Transfer Stations. He may be contracted at the address listed below:

Mr. Don Russell
Solid Waste Director, Hoke County
Post Office Box 179
Raeford, N.C. 28376
Phone: (910) 875- 3111

SECTION 2.0 WASTE ACCEPTANCE CRITERIA

The Transfer Facility will only accept those wastes that it is permitted to receive. Those are M.S.W. (i.e., residential, commercial, industrial waste, and construction and demolition debris). The tonnage delivered to the facility changes daily and seems to be somewhat seasonal. Average daily tonnage is slightly below 80 tons.

75% of incoming waste is delivered to the Transfer Station by public and private haulers. The remaining 25% is from our Convenience Sites and is transported by the county.

2.1 Recyclable Material

Containers for recycling cardboard and news print are at each of our (5) Convenience Sites. We also accept limited quantities of scrap metal, aluminum cans, tires and batteries at each site. Large quantities of the above as well as white goods must be delivered to the Transfer Station. These materials are later delivered to or picked up by local recyclers.

2.2 Prohibited Wastes

The Transfer Station does not accept liquid or hazardous waste. We do not currently have a Household-Hazardous-Waste Program but hope to in the future. Asbestos, infectious waste, medical waste, sludge and radioactive waste are also refused. Any attempt to deliver prohibited waste will be reported to N.C. DENR at the address below:

NC DENR
Attn: Ikie Guyton
Solid Waste Section
Fayetteville Regional Office
225 Green Street
Fayetteville, N. C. 28301

SECTION 3.0 TRANSFER STATION OPERATIONS

The Transfer Station is operated as a tipping floor facility. Rubber tired front end loaders facilitate loading operations. Equipment Operators must also move the trailers in and out of the loading bay. This is accomplished by way of a yard tractor that is kept on site.

3.1 Personnel

Transfer Station operations are supervised by the Solid Waste Director. A Scale House Operator, (two) Equipment Operators, (one) Roll-Off Driver and (one) Laborer are required for daily operations. All Employees are trained on safety procedures and waste inspection. These employees also direct the movement of collection vehicles in and out of the Transfer Station.

3.2 Tipping Floor Operations

Collection vehicles enter the facility through the main gate. They are required to weigh in at the scale house, before they access the tipping floor. The floor attendant directs the vehicles to back onto the tipping floor, at the west end. When in position the waste is discharged directly onto the tipping floor. The driver is then instructed to slowly exit the tipping floor and return to the scale house to weigh-out. After weighing-out the vehicle will exit the Transfer Station. The Equipment Operator continually pushes the dumped waste to the east end of the tipping floor and into the transfer trailer. The trailer is located in the loading bay below the east end of the tipping floor. The tipping floor is of sufficient size to allow two trucks to dump simultaneously.

The tipping floor must be cleared of all waste at the end of each working day. Any waste that remains on the tipping floor after closing time must be in containers.

3.3 Inspection of Waste

A visual inspection of all waste deposited on the tipping floor is required. Should unacceptable waste be found, the driver of the vehicle

will be instructed to stop unloading. The unacceptable waste will then be reloaded and removed from the site. Should any person consistently deliver unacceptable waste (he or she) will be denied access to the Transfer Station. N.C. DENR must then be notified as specified in Section 2.0 (Waste Acceptance Criteria).

3.4 Traffic Control

Access to the Transfer Station is controlled by the Scale House Operator. The floor attendant directs the vehicle to the unloading area and back to the Scale House. The Scale House Operator then directs the vehicle out of the site. The flow of traffic is also aided by directional signs.

3.5 Housekeeping and Litter Control

All incoming waste vehicles are required to have their loads tarped or fully enclosed. Outbound transfer trailers are also required to tarp their loads. Throughout the day and at the end of each day facility personnel will police the grounds for wind blown litter.

3.6 Noise Control

Proper set back distances are required to facilitate noise abatement. Mufflers are required on all trucks and equipment.

3.7 Odor Control

Odors are controlled by prompt unloading and transfer of delivered waste. All stored waste will be in covered transfer trailers.

SECTION 4.0 EROSION CONTROL REQUIREMENTS

Areas adjacent to the Transfer Station are graded away from the facility and drain via run-off or drainage ditches. Standard Erosion Control practices have been implemented at the site. Dikes, berms and curbs have been installed to assure leachate does not enter the storm drainage system.

SECTION 5.0 DRAINAGE CONTROL

The Transfer Station will be operated in a manner to prevent excess water from coming in contact with waste. Wash down water will be contained for proper disposal. The wash down water storage tanks will be pumped out as required and hauled to a treatment or disposal facility.

SECTION 6.0 DISEASE AND VECTOR CONTROL

The Transfer Station must provide effective Vector Control for the protection of human health and the environment. Vectors are defined as any rodent, fly, mosquito or other insect capable of transmitting disease to humans. Rigorous housekeeping is the single most important factor in the control of Vectors. If housekeeping is not successful a pest control specialist will be consulted.

SECTION 7.0 SIGNS AND SAFETY REQUIREMENT

7.1 Sign Requirements

Signs will be clearly posted at the Transfer Station to indicate traffic flow, operational procedures, hours of operation and tipping fees.

7.2 Open Burning of Waste

Open burning of waste is prohibited at the Transfer Station.

7.3 Fire Protection Equipment

The Transfer Station Buildings will be equipped with an adequate number of fire extinguishers to effectively control an accidental fire. Periodic inspections are suggested to correct any deficiencies in plans or equipment.

7.4 Notification of Fire

Transfer Station fires require verbal notification within 24 hours and written notification within 15 days. This notification will be submitted to:

N. C. DENR
Attn: Mr. Ikie Guyton
Fayetteville Regional Office
225 Green Street
Fayetteville, N.C. 28301

SECTION 8.0 ACCESS AND SECURITY

8.1 Transfer Station Access and Security

The Transfer Station must be secured by an access control gate. Fencing, wooded areas and drainage ditches should surround the property to prevent unauthorized vehicle access.

8.2 Attendants

The Transfer Station during operational hours will have at a minimum, the following personnel on duty. One Scale House Operator and one Transfer Station Attendant. These persons will be responsible to ensure compliance with operational requirements.

8.3 Access Road

The access road to the Transfer Station shall be an all weather surface that is well maintained. Road shoulders will be regraded as necessary to ensure adequate drainage. Potholes and ruts will receive immediate attention to avoid unnecessary damage to vehicles.

SECTION 9.0 FACILITY INSPECTONS

Site personnel will conduct regular inspections to ensure site integrity. Any conditions that threaten personnel, equipment or the environment will be corrected immediately. If necessary, operations will be suspended until proper corrective actions are taken.