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Permit Amendment Application
and
Operations Plan

CITY OF GOLDSBORO TRANSFER STATION
GOLDSBORO, NORTH CAROLINA

Permit No. 96-07T

City of Goldsboro Public Works
Revised January 2016

APPLICATION TABLE OF CONTENTS

- I. General information
- II. Property Information
- III. Operation Plan

I. GENERAL INFORMATION

This permit application and operation plan has been developed by the City of Goldsboro Department of Public Works for the operation of the City of Goldsboro Transfer Station located on Brick Street in Goldsboro, 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

**City of Goldsboro Transfer Station
904 Brick Street
Goldsboro, NC 27534**

The mailing address is

**City of Goldsboro Transfer Station
1601 N. Clingman Street
Goldsboro, NC 27534**

Key personnel associated with operation of this facility are

**Jose F. Martinez, III, Director
Public Works Department
1601 N. Clingman Street
Goldsboro NC 27534**

**Tommy Jones,
Sanitation Superintendent
1601 N. Clingman Street
Goldsboro, NC 27534**

II. PROPERTY INFORMATION

The City of Goldsboro Transfer Station is located at 904 Brick Street within city limits; GPS coordinates: N: 35.377722, W: 78.01755.

III. OPERATIONS PLAN (Starts on next page)

OPERATIONS PLAN

CITY OF GOLDSBORO TRANSFER STATION

and

TRANSFER STATION COMPOUND OPERATION PLAN

TABLE OF CONTENTS

- A. General
- B. Hours of Operation
- C. Waste Acceptance and Screening
- D. Operation description
- E. Waste Water and Leachate Disposal
- F. Fire Control
- G. Vector Control
- H. Equipment
- I. Personnel
- J. Recordkeeping
- K. Hazardous Waste Back up Contingency Plan
- L. Site Plan

A. General

The transfer station is owned and operated by the City of Goldsboro. The waste stream will consist of residential household waste and recyclable products from the City of Goldsboro, Wayne County and City of Kinston. The City of Goldsboro currently generates an average of 50 tons per day of residential and commercial solid waste, approximately 107 tons of recyclable material month. Wayne County and other municipalities combined generate approximately 45 tons of recyclable material per month and City of Kinston, approximately 52 tons of recyclable material per month. Recyclable products are mixed paper, PET and HDPE, plastics, glass (brown, green and clear), aluminum beverage cans, and other recyclables. All products are processed and stored weekly, biweekly and monthly depending on volume in this facility. Solid waste is transported to the Wayne County Landfill; Permit No. 96-06, located in Wayne County on S.R. 1129, Dudley, North Carolina. Recyclables are transported to Pratt Industries, 3680 Owen Drive, Fayetteville, North Carolina.

The facility utilizes direct dumping into a compactor. The waste is pushed into a haul trailer by a ram compactor. Only city waste trucks are allowed to dump waste; no personal vehicles are permitted. White goods and tires are not accepted at this facility.

Signs are at the entrance announce permit number, only City of Goldsboro, Wayne County and City of Kinston vehicles allowed, and no personal vehicles authorized in area.

This site is enclosed by a chain link fence, to control access. The entrance to the facility is secured by a locked gate during non-operating hours. During normal operating hours the gate to the compactor is chained when not attended. The facility has a vehicle wash pit for use by other Public Works vehicles to rinse out their equipment and trucks.

There is no scale house at this facility. Weight tickets are received daily from the Wayne County Landfill and tonnage put into a monthly report to the Public Works Director.

B. Hours of Operation

This facility typically operates four days per week; Monday, Tuesday, Thursday, and Friday; and on Wednesday alternately if any other day is missed due to a holiday, weather, etc. Operating hours are normally between 6:00 a.m. to 3:30 p.m. during summer months and 6:30 a.m. to 4:30 p.m. during winter months.

C. Waste Accepted

This facility accepts municipal solid waste and recyclable products from residents of the City of Goldsboro, Wayne County, and the City of Kinston.

The following types of waste are specifically excluded from acceptance at this facility:

- Asbestos
- Wastewater treatment plant sludge
- Hazardous waste
- Medical waste
- Animal carcasses
- Yard waste
- Liquid paint or any liquid waste
- Any other waste types excluded by the Division of Waste Management through the transfer station facility permit.

This facility does not do waste screening since it only receives residential household waste.

D. Operations Description

All vehicles enter the facility through the entrance gate on Brick Street. Solid waste vehicles are directed by a certified transfer station operator to dump into a compactor. The waste then is pushed into closed top transfer haul trailers by a ram compactor. Once the trailer is full it is taken to the Wayne County Landfill approximately five miles away. Recyclables are comingled. Recyclable Items are

stored in a transfer trailer for hauling. All recyclables are taken to Pratt Industries in Fayetteville, NC approximately sixty-five miles away.

E. Waste Water and Leachate Disposal

The facility will be washed down at the end of each working day. The transfer trailer loading area is equipped with drop inlets connected to four (4) inch sanitary sewer out fall lines which carry waste to a down-stream lift station and then on the water reclamation facility.

F. Fire Control

The transfer station is located within the City of Goldsboro corporate city limits. Fire protection is a standard service provided by the City of Goldsboro Fire Department. The primary fire control policy for the facility will consist of notifying the fire department and waiting for their response. A secondary fire control policy is to be used until fire department arrival will consist of utilizing a two (2) inch water hose with a high pressure nozzle and fire extinguisher located at the operations building. It should be noted that the fire department headquarters is located within close proximity to the transfer station facility with an approximate response time of three minutes.

G. Vector Control

The closed top transfer trailers are ideally suited for vector control, the (15ft x 14ft) compactor hoppers are used for compacting loading of transfer trailers and solid waste is not stored in an open area. As an outdoor facility, adequate ventilation is provided. The facility loading and unloading areas are all cleaned and washed down at the end of each working day. Solid waste will not be stored in compact hoppers for any significant length of time. Solid waste will not be stored overnight in the compactor hoppers. Solid waste can be stored in transfer trailers at the facility with doors closed, after operating hours but no longer than 48 hours. Recyclable products will be stored in a transfer trailer at the facility with doors closed, after operating hours but no longer than 72 hours.

H. Equipment

The equipment is owned and operated by the City of Goldsboro; staff conducts preventive and other maintenance as necessary to keep the equipment in operational condition. The following equipment is used in the operation of the facility:

Transfer station

- 5 closed top compaction transfer trailers
- 2 electrical powered hydraulic compactors with 15ft. x 14ft. Hopper chutes
- 2 inch water hose with high pressure nozzle
- 2 transfer tractor trucks

Recycling center

- Farm tractor with front end loader attachment
- Transfer trailer for recycle storage
- 2 load tractors

I. Personnel

City employees operate the transfer station. Three employees are certified transfer station operational specialists, one is designated as the primary transfer station operator and the other two are back up operators as needed.

J. Recordkeeping

Weight tickets are collected and reviewed daily. Totals are proved to the Public Works Director in a monthly report.

K. Hazardous Back-Up Contingency Plan

If there should ever be a need to respond to a hazardous material spill or leak at the transfer station, the Primary Hazardous Waste Control Plan is to contact the fire department, Wayne County Emergency Services and follow their instructions. The following plan of action is implemented if a hazardous waste spill needs to be handled in house:

- Do not dump load into the hopper.
- Stop the leak if it can be done without risk
- Do not touch or walk through spilled material
- Do not touch damaged containers
- Prevent entry into waterways, sewers and drainage outlets
- Absorb or cover with dry earth, sand or other non-combustible material
- On large spills build a dike ahead of the spill to contain it
- Once spill has been absorbed remove absorbent material and place in containers for disposal.

L. Site Plan

See attached.



SITE PLAN

CITY OF GOLDSBORO TRANSFER STATION

PERMIT NO. 96-07T



Waste is dumped directly into the compactor.



The compactor loads the waste into the trailer.



Recyclables go into separate containers.



Trailer/Compactor area is clean.