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**APPROVED**  
**DIVISION OF WASTE MANAGEMENT**  
**SOLID WASTE SECTION**

Date 09/12/2011 By Patricia M. Backus

Attachment 1 Part II Document 05  
Permit 96-07T Permit DIN 15062

**Permit Amendment Application**  
and  
**Operations Plan**

**CITY OF GOLDSBORO TRANSFER STATION**  
  
**GOLDSBORO, NORTH CAROLINA**

**Permit No. 96-07T**

City of Goldsboro Public Works

Revised August 2011



## City of Goldsboro

P.O. Drawer A  
North Carolina  
27533-9711



July 28, 2011

**MR. EDWARD F. MUSSER**  
1646 Mail Service Center  
Raleigh, North Carolina 27699-1646  
Attn: Solid Waste Section

Re: City of Goldsboro Transfer Facility  
Permit # 9607T  
Goldsboro, Wayne County, North Carolina

Dear Mr. Musser,

This is to request renewal for the City of Goldsboro Permit to operate at the  
aforementioned solid waste facility.

There have been no changes in this facility and everything listed in the original permit  
application remains the same.

If more information is needed or if I can be of assistance please contact me  
at (919)739-7412.

I have attached additional information for your review.

Sincerely,

**Neil Bartlett**  
**Public Works Director**

(5) Attachments

- Atch 1 – Copy of Transfer Station Facility Annual Report (Jul 1 – 2010 – Jul 30, 2011)
- Atch 2 – Copy of Invoice for Annual Transfer Station Fee
- Atch 3 – Transfer Station Operations Plan Revised April 2007
- Atch 4 – Operations Machinery for Transfer Station
- Atch 5 – Transfer Station Daily Operation Work Sheet

## 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

**Neil Bartlett, Director  
Public Works Department  
1601 N. Clingman Street  
Goldsboro NC 27534**

**Cleveland McKithan  
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**

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**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. The City of Goldsboro currently generates an average of 50 tons per day of residential and commercial solid waste, approximately 70 to 80 tons of recyclable products such as: 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. Recyclables are stored at this location in a covered storage and an unloading shelter type 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 Wayne Opportunity Center Inc. located at 619 South George Street, Goldsboro, NC. Aluminum cans are picked up by Goldsboro Iron and Metal Company located at 801 North John Street, Goldsboro, NC on a when called basis.

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 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.

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 Solid 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 separated and placed into bins for transfer to haulers. Items are stored in a covered storage and unloading type shelter. Plastics and paper storage areas are emptied weekly, glass bi-weekly and aluminum cans monthly or when full (on a when called basis). The other recyclables are taken to Wayne Opportunity Center approximately one mile away.

**E. Waste Water and Leachate Disposal**

The facility will be washed down at the end of each workingday. 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 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. 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 not be stored higher than the height of the shelter walls allowing the walls to serve as a wind barrier this site is enclosed by a chain link fence and all wind blown debris caught in the fence will be removed daily.

## 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
- Trailer for aluminum beverage cans 40 cu/yd
- Dumpsters for glass storage
- Transfer trailer for paper storage

## 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.