

# ANNUAL WASTEWATER REPORT 2007-2008

Person to contact concerning information contained in this report:

Perry Williams, Public Works Director, P.O. Drawer 816, Yadkinville, N.C. 27055 – (336) 679-2990

I certify under penalty of law that this report is complete and accurate to the best of my knowledge. I further certify that this report has been made available to the users or customers of the named system and that those users have been notified of its availability.

Perry Williams

Town of Yadkinville > Public Works Director

**NC0079260**

POTW Address:  
2820 Highway 601 S.  
Yadkinville, N.C. 27055  
Telephone: (336) 463-2716

POTW Name: Yadkinville

**NC0020338**

POTW Address:  
1620 Fred Hinshaw Road  
Yadkinville, N.C. 27055  
Telephone: (336) 679-2184

NPDES#: NC0020338

**WQCS00130**

POTW Address:  
1626 Fred Hinshaw Road  
Yadkinville, N.C. 27055  
Telephone: (336) 679-2990

## I. General Information

Listing of applicable permits:

NPDES NC0079260 WTP Permit

*Description of treatment system:*

The process begins with the backwash from the carbon filters and the alum sludge from the sedimentation basins being gravity fed to the decant basin (100,000 gallon capacity). At the decant basin, the sludge is settled out. Once the settling occurs, the clear water is drawn off and dechlorinated then discharged back into the creek. The sludge is applied to drying beds, once dried, is taken to the landfill.

## II. Performance

Number of reportable NPDES violation(s):

N/A

Date of last reportable NPDES violation(s):

N/A

Explain any reportable NPDES violation(s):

N/A

## I. General Information

Listing of applicable permits:

NPDES NC0020338 WWTP Permit

WQ0001800 Land Application Permit

*Description of treatment system:*

Treatment consists of primary process of mechanical barscreen and grit removal. Biological treatment by activated sludge in an oxidation ditch followed by secondary clarification, chlorination, and dechlorination. The sludge is aerobically digested and then land applied.

## II. Performance

Number of reportable NPDES violation(s):

1 Cyanide

Date of last reportable NPDES violation(s):

September 8, 2007

Explain any reportable NPDES violation(s):

*The Town's Wastewater Treatment Plant continued to have sporadic cyanide emissions after changes were implemented at the industries discharge. The town notified the industry of the reoccurring problem and scheduled several meetings to discuss the course of action. Upon investigation, the cyanide source was identified and corrective measures were made at the industry level. No more issues with cyanide have been detected.*

## I. General Information

*Description of treatment system:*

- The Town's collection system consists of fifteen (15) pump stations. There are twelve (12) of the pump stations on the WWTP's Scada System. Three (3) of the pump stations are with chatter boxes and one (1) pump stations are without telemetry systems.
- The collection system is made up of 20.25 miles of PVC, 8.51 miles of clay; 4.77 miles of force main, 1.13 miles of ductile iron pipe. Manholes are made of brick, precast and block.
- Yadkin County consists of three (3) pump stations approximately five (5) miles of PVC 8" and 4" force main.
- *Note: This report does not include information on Yadkin County.*

## II. Performance

A. Number of sewer overflows:

*There were three (4) sewer overflows.*

B. Date of last sewer overflow:

*September 4, 2007*

C. Explain any sewer overflows in which more than 1,000 gallons of water reached surface water:

N/A