



# **CITY OF CONOVER WASTEWATER TREATMENT ANNUAL PERFORMANCE REPORT**

To:

From: City of Conover  
PO Box 549  
Conover, NC 28613

**Purpose:** This report is to notify our customers about our water pollution control activities during the fiscal year from July 1, 2012 through June 31, 2013. It covers the City of Conover NE Wastewater Treatment Plant and Collection System.

## I. General Information

Facility System Name: City of Conover Wastewater Treatment and Collection System

Responsible Entity: City of Conover

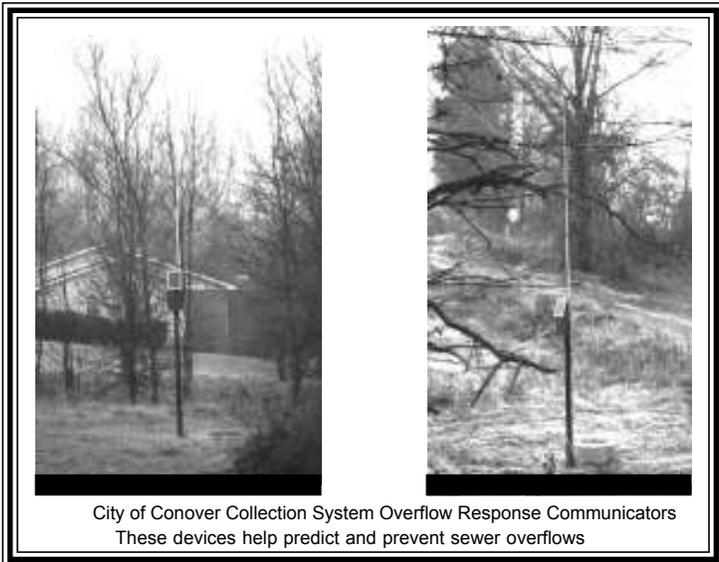
Person in Charge/Contact: Michael Fox - Wastewater Treatment and Collection Supervisor and Northeast WWTP ORC  
 Phone: 465-2279 Cell 217-5097  
 Tony Parker- Collection System ORC  
 Cell 312-4344  
 Collection System  
 Cell 217-5101

Applicable Permits: Northeast Wastewater Treatment Plant NC0024252  
 City of Conover Collection System Permit No. WQCS00088

### Description of Collection System and Treatment Processes:

**Collection System:** The City of Conover’s collection system consist of 116 miles of sewer line with seven pumping station. The collection system transports wastewater to the City of Conover’s Northeast Wastewater Treatment Plant, and a portion, to the City of Newton’s Regional Clark Creek Wastewater Treatment Plant.

**Northeast Wastewater Treatment Plant:** The City of Conover Northeast Wastewater Treatment Plant is located at 3680 Hillview Drive, Conover. It is a sequencing batch reactor, activated sludge facility with tertiary sand filters. The discharge goes into Lyle Creek. The Northeast Facility has a permitted treatment capacity of 1.5 million gallons per day with a present day average flow of 0.740 million gallons per day.



**Note to Consumers:** If all of your drains seem to be clogged, call the City before calling a plumber. The City crew will come out, at no charge, and check the problem and unclog the blockage if it is in the City’s collection line. If it is in your lines you will have to call a plumber, but let us check first.

<b>Day time numbers:</b>	<b>464-4808</b> <b>465-2279</b> <b>217-5101</b> <b>217-5097</b>
<b>Evenings</b>	<b>464-3112</b>

# Please help us keep our environment clean. Dispose of cooking grease as solid waste

## ***II. Performance:***

The City of Conover is very proud of the performance of the treatment plant and collection system over this year 2012-2013.

### **Collection System:**

**On May 6, 2013 the City of Conover had a sanitary sewer overflow at a manhole just before Haynes Lift Station. It was estimated 600 gallons of untreated wastewater reached Mull Creek. A Lift Station pump failure during heavy storm conditions was the cause.**

*The City of Conover's staff would like to take this opportunity to thank the concerned citizens who notified us of sewer problems this past year. Your help greatly improves our ability to protect the environment.*

### **Northeast Wastewater Treatment Plant:**

The City's Northeast Treatment Plant was in compliance with all parameters during the 2012-2013 period.

NEWWTP NC0024252	Discharge 001									
	Effluent Pollutants					Influent Pollutants			Removal	
Date	Flow (mgd)	BOD	NH3	TSS	Fecal Coliform	Toxicity	BOD	TSS	BOD	TSS
July-12	0.531	0.79	0.71	2.42	2		270	208	100%	99%
August-12	0.570	0.45	0.9	1.86	8		244	195	100%	99%
September-12	0.615	2.54	0.94	4.87	9	PASS	231	206	99%	98%
October-12	0.567	1.35	0.7	2.9	3		288	208	100%	99%
November-12	0.528	0.37	0.62	2.62	1		280	213	100%	99%
December-12	0.639	4.54	0.77	4.13	1	PASS	352	218	99%	98%
January-13	0.802	1.92	0.76	5.51	1		273	177	99%	97%
February-13	0.805	4.23	1.37	6.98	1		273	219	98%	97%
March-13	0.863	1.1	0.95	4.39	1	PASS	243	163	100%	96%
April-13	0.955	1.27	0.69	2.1	1		255	164	100%	99%
May-13	1.213	3.01	0.88	2.51	1		233	164	99%	98%
June-13	0.845	3.20	0.95	4.38	2	PASS	289	203	99%	98%
Yearly Average	0.74	2.06	0.85	3.31	3	PASS	269	195	99%	98%
NPDES LIMIT	1.500	16/8	4.0/2.0	30	200col/100ml	Pass/Fail			85%	85%

Any questions concerning this report please call Michael Fox at 465-2279.