



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

**Purpose: This report is to notify our customers about our water pollution control activities during the fiscal year from July 1, 2014 through June 31, 2015. 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**

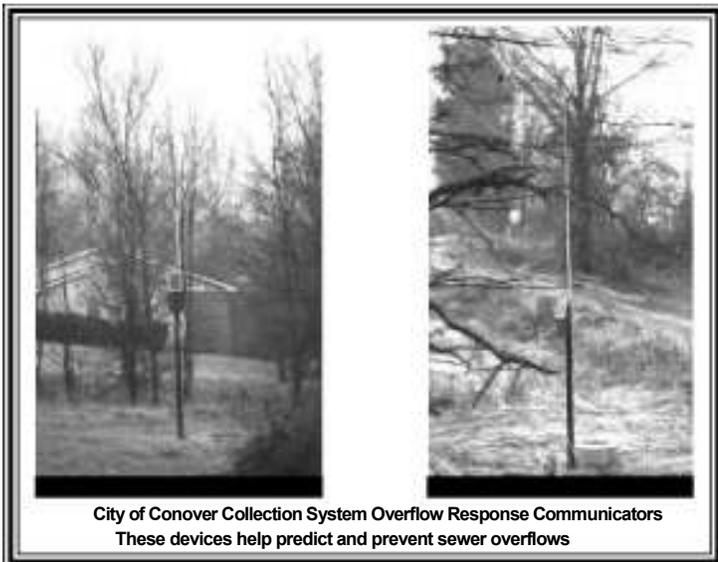
**Person in Charge/Contact: Michael Fox - Wastewater Treatment and Collection Supervisor and Northeast WWTP ORC  
 Phone: 465-2279 Cell 217-5097  
 Tony Parker- Collection System ORC  
 Cell 312-4344  
 Collection System  
 Cell 217-5101**

**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 0.700 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 2014-2015.

### **Collection System:**

On September 8, 2014 Hanes Pump Station experienced a loss of power to the pumps due to a tree blowing down on incoming power lines. The pump station lost approximately 4000 gallons of untreated wastewater into Mull Creek.

On January 15, 2015 Conover's Hanes pump station experienced a broken force main that resulted in 1500 gallons of untreated wastewater entering Mull Creek.

On April 28, 2015 a manhole at 1130 Hwy 16N overflowed due to excessive roots in the line resulting in 400 gallons of untreated wastewater entering Lyle Creek.

*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 of Conover Northeast Wastewater Treatment Plant exceeded permit limits for three different parameters in the month of June 2015. The weekly ammonia limit average was exceeded for the third week of June as well as for the monthly average. The BOD monthly average limit was exceeded for the month of June. We suspect excessive amounts of incoming oil and grease to be the major contributing factor to the non-compliances. These were the only non-compliances for the treatment plant for the year of 2014-2015.

NEWWTP NC0024252	Discharge 001									
	Effluent Pollutants					Influent Pollutants			Removal	
Date	Flow (mgd)	BOD	NH3	TSS	Fecal Coliform	Toxicity	BOD	TSS	BOD	TSS
July-14	0.465	0.21	0.64	4.91	1.78		290.60	293.55	100%	100%
August-14	0.591	0.96	0.59	3.73	1.52		237.50	161.39	100%	100%
September-14	0.507	1.69	0.81	3.37	1.00	PASS	306.31	183.54	99%	100%
October-14	0.547	1.67	0.63	1.99	1.05		334.64	179.99	100%	100%
November-14	0.719	2.41	1.05	5.36	1.16		297.08	207.42	99%	99%
December-14	0.767	4.05	0.83	4.2	2.61	PASS	294.00	168.25	99%	100%
January-15	0.800	1.23	0.86	3.32	1.57		246.08	145.17	100%	99%
February-15	0.894	1.44	0.48	4.97	1.00		275.00	149.91	99%	100%
March-15	0.894	3.61	0.87	5.54	1.15	PASS	270.08	158.54	99%	99%
April-15	0.996	4.87	1.69	7.13	1.60		259.27	171.75	98%	99%
May-15	0.645	6.62	1.43	5.46	1.19		325.42	164.08	98%	99%
June-15	0.581	9.21	4.16	8.16	2.71	PASS	347.54	204.23	97%	98%
Yearly Average	0.700	3.16	1.17	4.85	1.53		290.29	182.32		
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.**