



**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, 2015 through June 31, 2016. 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

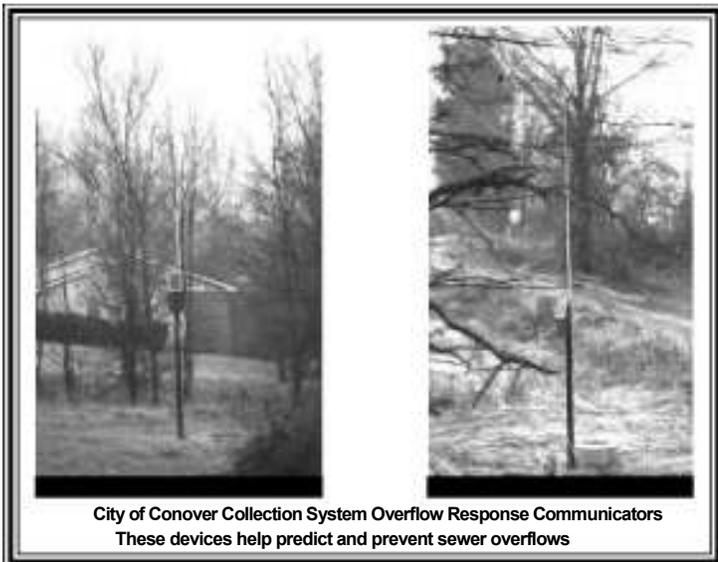
**Person in Charge/Contact: Michael Fox - Wastewater Treatment and Collection Supervisor and Northeast WWTP ORC
 Phone: 465-2279 Cell 217-5097
 Tony Parker- Collection System ORC
 Cell 312-4344
 Collection System
 Cell 217-5101**

**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 0.722 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.

Day time numbers:	464-4808 465-2279 217-5101 217-5097
Evenings	464-3112

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 2015-2016.

Collection System:

On October 3, 2015 a manhole at 3rd Ave NE overflowed due to a severe storm event resulting in 900 gallons of untreated wastewater entering Lyle Creek.

On November 09, 2015 Conover's a manhole at Hanes pump station overflowed due to a severe rain event resulting in 50 gallons of untreated wastewater entering Mull Creek.

On November 09, 2015 a manhole at ER Pump Station overflowed due to excessive rain resulting in 800 gallons of untreated wastewater entering Long Creek.

On December 02, 2015 two manholes at 3rd Avenue NE overflowed due roots resulting in 400 gallons of untreated wastewater entering Lyle Creek.

On January 15, 2016 a manhole at ER Pump Station overflowed due to debris in the line resulting in 13,500 gallons of untreated wastewater entering Long Creek.

On February 27, 2016 a manhole at 1605 5th street NE overflowed due to roots resulting in 300 gallons of untreated wastewater entering Mull Creek.

On March 3, 2016 a manhole at 1224 Keisler Rd. overflowed due to grease and debris resulting in 120 gallons of untreated wastewater entering Mclin 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.

The City of Conover Northeast Wastewater Treatment Plant did not exceed any limits this reporting period 2015-2016.

NEWWTP NC0024252	Discharge 001									
	Effluent Pollutants					Influent Pollutants			Removal	
Date	Flow (mgd)	BOD	NH3	TSS	Fecal Coliform	Toxicity	BOD	TSS	BOD	TSS
July-15	0.547	3.7	1.10	3.9	2.4		329.6	215.7	99%	99%
August-15	0.547	1.5	0.60	4.1	5.3		301.5	208.2	100%	100%
September-15	0.573	0.7	0.48	3.6	3.4	PASS	293.0	222.9	100%	100%
October-15	0.749	1.8	0.46	2.2	8.6		275.9	182.0	99%	100%
November-15	1.040	5.4	0.90	6.4	6.7		258.4	148.1	98%	99%
December-15	1.351	6.8	1.70	4.5	7.3	PASS	250.8	147.5	97%	99%
January-16	0.689	0.3	0.02	2.9	4.3		260.3	152.8	100%	100%
February-16	0.724	2.6	0.43	4.1	1.16		252.7	147.5	99%	100%
March-16	0.582	2.8	0.82	3.8	1.48	PASS	269.6	177.7	99%	100%
April-16	0.540	0	0.20	3.2	3.06		275.1	188.8	100%	100%
May-16	0.624	1.8	0.54	3.8	1.56		267.2	178.3	99%	100%
June-16	0.701	1.2	0.45	4.1	2.35	PASS	287.1	186.4	100%	100%
Yearly Average	0.722	2.4	0.64	3.9	3.97		276.8	179.7		
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.