



**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, 2013 through June 31, 2014. 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

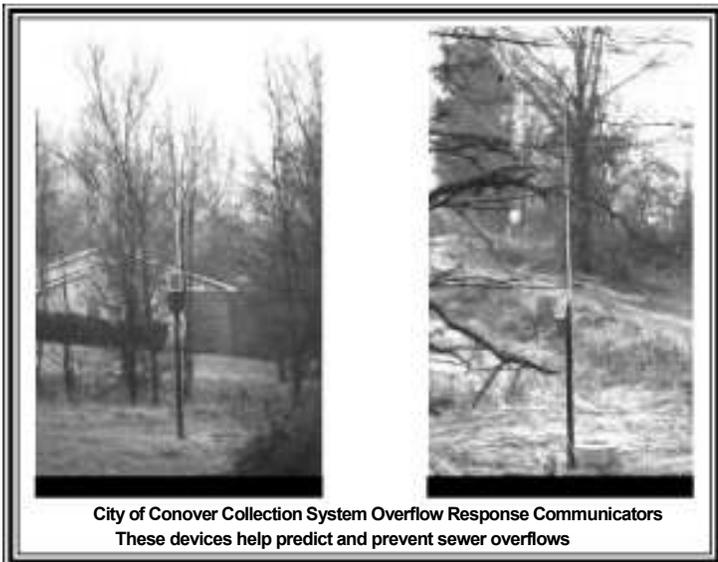
**Person in Charge/Contact: Michael Fox - Wastewater Treatment and Collection Supervisor and Northeast WWTP ORC
 Phone: 465-2279 Cell 217-5097
 Tony Parker- Collection System ORC
 Cell 312-4344
 Collection System
 Cell 217-5101**

**Applicable Permits: Northeast Wastewater Treatment Plant Permit No. NC0024252
 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 0.810 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:

Collection System: The City of Conover Collection System reported three Sanitary Sewer overflows during this reporting period.

-On July 28, 2014 after heavy rainfall and flooding conditions an aerial sewer line crossing long creek was washed out and the City lost an estimated 900 gallons of untreated wastewater into Long Creek.

- On August 2, 2014 a plug in sewer line by-pass failed in the Villa Park Pump Station and resulted in 100 gallons of untreated wastewater entering the storm drain.

-On September 21, 2013 a blocked line at 3398 Alpha Street NW resulted in the loss of 400 gallons of untreated wastewater into 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 NEWWTP had one non-compliance during this reporting period. The effluent weekly BOD average exceeded permit limit during the week of April 6-12, 2014.

City of Conover NEWWTP Permit Compliance Information

City of Conover NEWWTP										
Date	FLOW	BOD	NH3	TSS	FECAL	TOXICITY		BOD	TSS	NH3
	MGD	Mg/l	Mg/l	Mg/l	COLIFORM	P/F		Mg/l	Mg/l	Mg/l
7/13	1.264	4.61	1.09	3.39	3			205	181	19
8/13	0.908	2.79	0.47	5.26	1			204	145	20
9/13	0.73	0.38	0.10	2.57	1	PASS		235	173	26
10/13	0.75	0.60	0.08	1.05	2			221	170	26
11/13	0.847	0.94	0.14	2.31	2			256	198	25
12/13	0.949	0.75	0.03	2.36	1	PASS		241	140	21
1/14	0.891	1.66	0.53	4.68	1			288	204	21
2/14	0.782	0.51	0.64	4.09	1			294	142	24
3/14	0.818	2.63	0.88	4.58	1	PASS		358	206	24
4/14	0.737	4.47	0.99	3.76	1			440	153	23
5/14	0.552	1.05	0.42	2.80	1			351	185	27
6/14	0.519	3.78	0.51	4.18	2	PASS		307	215	26
Yearly Average	0.810	2.01	0.49	3.42	1.417			283	176	24

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