

# **Town of Ranlo “2020” Performance Annual Report**

## **Town of Ranlo (Wastewater Collection System)**

**Responsible Entity: Town of Ranlo**

**Contact Person: Thomas Shrewsbury**

**Contact Phone# 980/241/4410.**

**Permit # WQCS00381**

**Note: This report represents wastewater collection system performance and violations. Wastewater treatment annual reports are available to users and customers through a separate notification.**

## **Collect System Description:**

The Town of Ranlo collection system consists of approx. 22miles of total gravity flow collection line ranging from 8” to 15” inches throughout the system. The breakdown reads as follows 15.8 miles of 8” line, 0.341 miles of 10”, 1.387 miles of 12” line and 3.650 miles of 15” sanitary sewer/collection line.

The collection system also utilizes eight sanitary sewer lift stations, situated at low points throughout the community. Sanitary sewers leaving these lift station sites are pumped through sanitary sewer force mains, ranging from 4” to 6” in diameter. The total distance of force main throughout the system runs approx., 1.528 miles. The Town of Ranlo collection systems, as well as 657 manholes are maintained by Town of Ranlo Public Works Employees.

## **System Performance for “2020”**

Throughout 2020 the Town of Ranlo employees have utilized tools and knowledge of the system to combat I&I throughout the system. Cameras are being used to visually inspect sewer lines internally. Storm water intrusion points such as cracked pipes, bad seals and illegal connections are primary focuses for repair or elimination. The Town has identified several deficiencies that were repaired during routine maintenance, these efforts will continue throughout 2021. The Town of Ranlo has invested in several pieces of equipment to help staff accomplish the challenges of system maintenance. Through

capital purchases and staffing changes, routine procedures have been improved to reduce risk of negative environmental impact.

City staff continues to participate in any/all discussions with neighboring communities and developers to determine the most efficient way to preserve citizen services and prepare for future development. Through a cooperative effort between staff, council, and management, we are pleased to report that violations and system malfunctions were addressed proactively in an effort to protect our environment.

|            | <u>Date</u>   | <u>Location</u>    | <u>Environmental Impact</u> | <u>Cause</u>              |
|------------|---------------|--------------------|-----------------------------|---------------------------|
| January:   | 01/30/2020    | Duff Street Lift   | 3500 Gallons                | Pipe Failure              |
| February:  | 02/06/2020    | 120 Duff Street    | 30,000 Gallons              | Severe Natural Conditions |
|            | 02/06/2020    | 2059 Crossway Cir. | 300 Gallons                 | Pipe Failure              |
| March:     | No Violations |                    |                             |                           |
| April:     | No Violations |                    |                             |                           |
| May:       | No violations |                    |                             |                           |
| June:      | No violations |                    |                             |                           |
| July:      | No violations |                    |                             |                           |
| August:    | No violations |                    |                             |                           |
| September: | No violations |                    |                             |                           |
| October:   | No Violations |                    |                             |                           |
| November:  | No violations |                    |                             |                           |
| December:  | No violations |                    |                             |                           |

The collection system annual report, in its entirety can be found for customer or citizen review at the following locations:

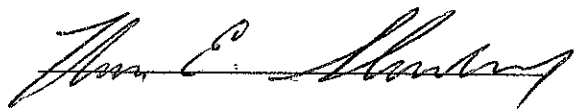
- City Hall bulletin board.
- Town of Ranlo Public Works Dept.
- Town of Ranlo Web Site

Public notification regarding availability of this report will appear in the Town of Ranlo March 2020 utility bills and

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 at the named system and that those users have been notified of its availability.

Thomas E. Shrewsbury

March 1, 2021



Town of Ranlo  
ORC  
980/241/4410