



City of Marion

Water & Waste Water Treatment
Marion, North Carolina 28752

Larry Carver
Superintendent

2018 WASTEWATER SYSTEM PERFORMANCE REPORT

The City of Marion operates an existing 3.0 MGD wastewater treatment facility permit # NC0031879 consisting of influent pump station, bar screen, grit removal, primary clarifiers, aeration basins, lime addition, tertiary filters gravity sludge thickeners, vacuum sludge filters, step aeration and chlorination, located at 3982 hwy 226 south Marion, NC in McDowell County.

The residuals we produce at our facility are land applied as a liquid under permit #WQ0019960. The sludge is processed in an aerobic digester and after the product has passed all tests required by the NCDWQ it is hauled and applied by Southern Soil Builders from Roaring River NC. We apply approximately 680,000 gallons per year. David Keys is our contact, his address 958 Hoots Road, Roaring River NC 28669. 1-800-411-5527.

Annual Performance Numbers are Listed Below

| | |
|----------------------------------|--------------------------------|
| Total Rain recorded for the year | 104 inches |
| Total Gallons Treated | 326 Million Gallons |
| Average Monthly Flow | 27.198 Million Gallons per Day |
| Average Daily Flow | 0.894 Million Gallons per Day |
| Maximum Daily Flow | 3.102 Million Gallons per Day |
| Minimum Daily Flow | 0.385 Million Gallons per Day |
| Violations Reported By The State | 4 |
| Violations Found to be Valid | 1 |
| Amount of fines paid to State | \$480.00 |

The Number of Pump Stations operated 23

COLLECTIONS SYSTEM (permit#WQCS00075) REPORT

| | |
|---|----|
| Number of lines cleaned by Collections Crew | |
| For a total of 23% of the lines | 32 |
| Number of Blockages during the year | 24 |
| Violations Reported to the State | 1 |
| Violations Found to be Valid | 0 |

The violation was caused by Hurricane Michael
On 10/12/18 this was considered a storm related event.

CONTACT NUMBERS WWTP 652-8843, PUBLIC WORKS 652-4224

- Water Filtration Plant • 801 Old Greenlee Rd • Marion, NC 28752 • 828.652.2428 •
- Waste Water Treatment • 3982 Hwy 226 South • Marion, NC 28752 • 828.652.8843 •