



CITY OF ARCHDALE

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City of Archdale Wastewater Collection System 2018 Annual Report

This Annual Report for the City of Archdale Wastewater Collection System is prepared and submitted as required by House Bill 1160, of the Clean Water Act of 1969. This report summarizes the City of Archdale's Collection System performance of over a twelve-month period from January to December 2018. It identifies the extent to which any of the terms of its permit, federal laws, state laws, rules, or regulations related to the protection of water quality have been violated.

Collection System Overview

The City of Archdale owns and operates its wastewater collection system. The collection system operates under Permit #WQCS00312 issued by the State of North Carolina. On average the City collects 900,000 gallons of wastewater each day and transports it through 79 miles of gravity collection lines, 6.2 miles of force mains, and 10 pump stations to the City of High Point's Eastside Wastewater Treatment Plant. The City of Archdale owns 2.5 million gallons per day of treatment capacity in the Eastside Plant.

Nine pump stations are equipped with audible and visible alarms and a SCADA (Supervisory Control and Data Acquisition) electronic monitoring system. One pump station has audible and visible alarms along with a telephone alarm dialer. Five of the pump stations are equipped with permanent standby generators and portable generators are available for the other pump stations in case of power outages. Each pump station is visibly inspected at least 2 times a week by a Public Works Department employee. In addition, the City has developed a contingency plan to deal with failure at any one of the City's sewer pump stations.

Collection System Performance

The City's goal is to have zero spills and overflows from its collection system. Unfortunately, because pump stations are mechanical devices and sewer collection systems are subject clogs from grease, roots, construction debris, and litter, all systems are subject to spills and overflows.

In order to help prevent spills and overflows the City uses television equipment to visibly inspect lines and routinely flushes lines to help prevent future problems. In addition, a *Sewer Overflow Response Plan* has been prepared that identifies equipment, supplies, and on-call employees that are available to help mitigate spills and procedures to follow should an overflow or spill occur.

The City of Archdale Public Works Department routinely inspects and cleans the collection system lines each year. This past year 40,300+ feet of line was flushed and over 3,850+ feet was inspected by remote television cameras. All of the collection system right-of-ways and easements are routinely inspected, accessible, and mowed annually.

Spill Information

The City had 2 reportable spills for 2018.

Corner of Lakeside Dr. and S. Main St. 500 gal. 5-21-2018

End of Macon Dr. 2000 gal. 12-27-18

Residents can help minimize future overflow events by reporting issues to Archdale City Hall from 8:00am to 5:00pm Monday to Friday at 336-434-7341 and after-hours by reporting the events to the Archdale Police Department at 336-434-3134. These issues could include unauthorized uncovering of sewer manholes, improper disposal of materials into manholes, vandalism of manhole structures, observed overflows or spills, and/or strong sewage odor in or around sewer lines.

Publication

A copy of this Annual Report may be obtained by visiting City Hall at 307 Balfour Drive, Archdale between 8am and 5pm Monday to Friday. This report is also available on line at www.archdale-nc.gov.