GREENE » FORWARD

Clean, soft, reliable water.

What It Is

Greene County Sanitary Engineering is upgrading the water and sewer system across its service area to soften and enhance water quality and increase system reliability. Called Greene Forward, these program improvements will be built over the next five to ten years.

Why We are Doing It

Like many areas, Greene County has aging infrastructure, hard water and growing demand. **Greene Forward will upgrade and add new facilities to keep delivering clean water and sewer services for the next generation.**

In short, we worry so you don't have to. Customers get clean, soft water from their tap, can flush and forget, and be confident treated water helps preserve our rivers.

How We are Doing It

The first phase will build and connect new water mains and wells, rehabilitate pump stations, replace residential and commercial water meters and expand a water treatment plant. The second phase will expand wastewater treatment facilities and upgrade the sewer collection system.

27,000
customer accounts
managed across the Greater Greene County region

5 billion+
gallons of wastewater
collected and treated in 2020

2 billion+
gallons of drinking water
treated and provided in 2020

GREENE COUNTY
Sanitary Engineering

Water system improvements so customers get clean, soft water from their tap.

Project	Benefits	Timeline
New Wellfield Develop a 57-acre wellfield capable of providing 3- to 5-million gallons of water per day	• Adds additional capacity for current and future water demands • Increases level of redundancy and operational flexibility (like an insurance policy if something goes wrong)	**Design 2023 completion late 2025**
Well Network Optimization Upgrade and extend the county's existing well network	• Extends the useful life and capacity of existing well network	**Project near completion late 2024**
Water Metering System Upgrade Install advanced customer water metering systems	• Provides more convenient, remote meter access • Adds more customer-friendly features (an app to track usage trends, detect leaks and receive text alerts)	**Installations started 2021, completion late 2024**
Water Treatment Plant Upgrade Expand the existing water treatment plant to provide 12 million gallons of softened water per day	• Adds softened water, which means reduced monthly softening expenses • Expands capacity to meet current and future water demands • Increases level of redundancy and operational flexibility (it's like an insurance policy)	**Project near completion late 2024**
Booster Station and Transmission Line Improvements Increase system durability and expand water distribution	• Connects areas currently served by Montgomery County and Dayton to GCSED water • Reduces operating costs which offsets this capital expense	**Project near completion mid - 2024**
Asset Management Implementation Implement a data-based decision-making system to proactively assess, track and replace water system assets	• Maintains what we have, more efficiently, proactively • Increases reliability • Decreases emergency outages	**Ongoing**
Capital Improvement Plan Upgrade or replace aging or inadequate water lines	• Identifies and schedules fixes to small problems before they become big problems	**Ongoing**

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Sewer system improvements so customers can flush and forget.

Project	Benefits	Timeline
Lift Station Elimination Project Three outdated sewage lift stations and replacing them with a gravity sewer	• Adds more reliable, cost-effective sewage collection services • 60% funded by Department of Commerce	**Project in progress completion early 2025**
Clifton Wastewater Treatment Plant Upgrade Replace plant infrastructure to increase facility serviceable life by 20 years	• Improves reliability • Provides more cost-effective wastewater treatment services	**Project near completion late 2024**
Beavercreek, Cedarville and Sugarcreek Water Resources Recovery Facility Upgrade Replace plant infrastructure to increase facility serviceable life by 20 years	• Improves reliability • Provides more cost-effective wastewater treatment services	**Begin design 1st plant mid-late 2025; completion of all plants 2034**
Inflow and Infiltration Abatement Program Remove excess water sources from the sewer collection system	• Reduces sewer overflows and basement back-ups • Reduces costs to treat wastewater	**Start in 2024; Ongoing**
Biosolids Management Program Evaluate sustainable solutions for wastewater treatment biosolids	• Explores shift from a treat and dispose method to a recycle and renewable energy approach	**Study began in 2024; Ongoing**
Asset Management Implementation Implement a data-based decision-making system to proactively assess, track and replace sewer system assets	• Maintains what we have, more efficiently, proactively • Increases reliability • Decreases emergency outages	**Ongoing**
Capital Improvement Plan Upgrade or replace sewer lines	• Identifies and schedules fixes to small problems before they become big problems	**Ongoing**

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