

PUBLIC UTILITIES DEPARTMENT UPDATE



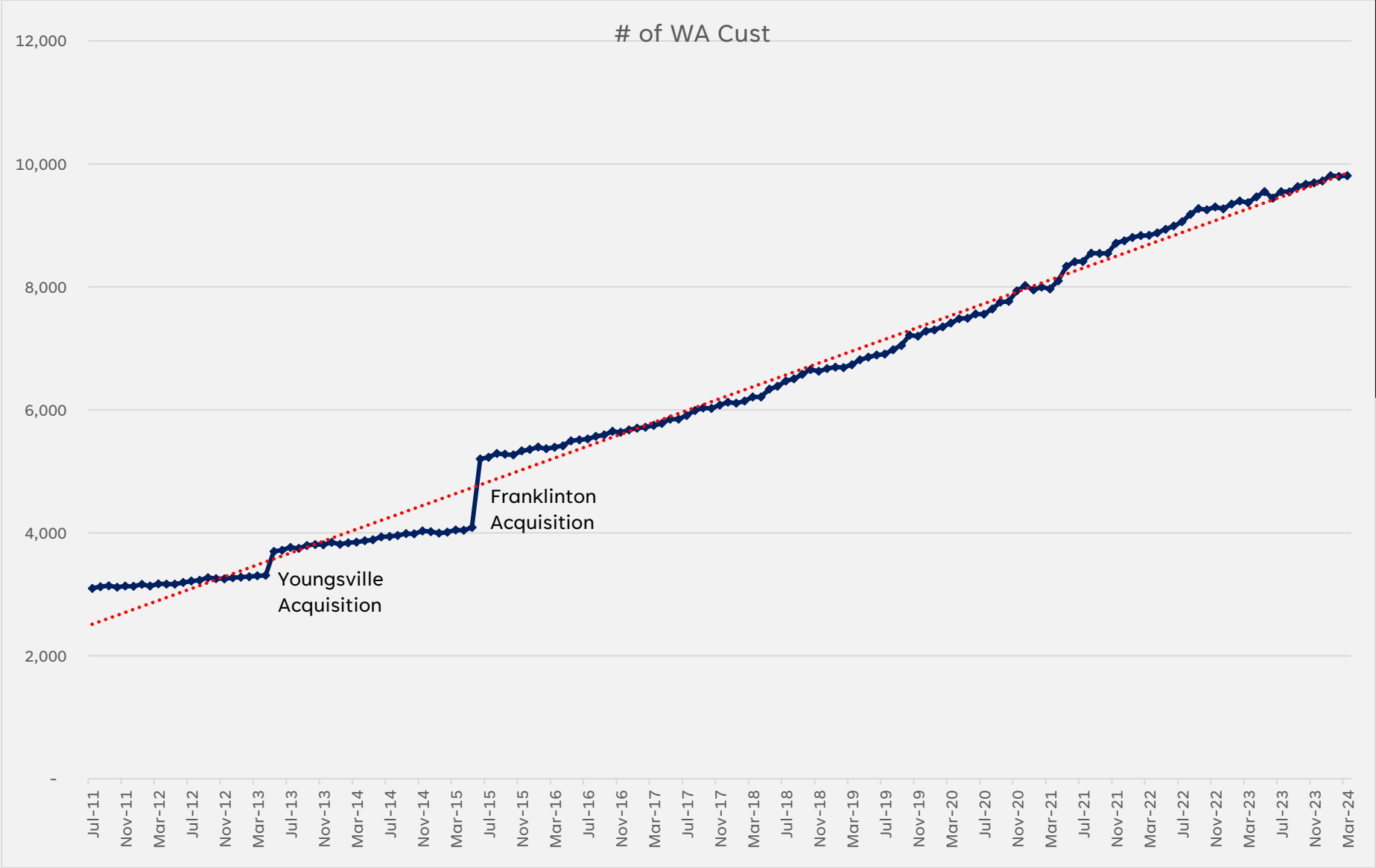
ABOUT US

The utilities department focuses on delivering high quality water and sewer services to customers 24 hours a day/7 days a week with a dedicated staff of 50.

The goal of the Public Utilities Department is to provide the best water and wastewater service for all customers while being good stewards of the environment and public health.



CUSTOMER GROWTH



Bill Month	# of Cust.
Jul-15	5,229
Jul-16	5,526
Jul-17	5,909
Jul-18	6,469
Jul-19	6,907
Jul-20	7,556
Jul-21	8,414
Jul-22	9,059
Jul-23	9,549
Mar-24	9,809

In approximately 9 years the Public Utilities Department experienced a 47% growth in customers.

DEPARTMENT STATISTICS



WATER STATISTICS

- Water Sources
 - Franklin County Water Treatment Plant
 - 3 bulk purchase agreements
 - City of Henderson
 - Town of Louisburg
 - City of Raleigh
- 2 bulk water customers
- 1 large industrial water customer
- 9,800 + water customers
- ± 260 miles water main
- ± 1,074 fire hydrants
- ± 1,984 water main valves
- 5 elevated water tanks
- 7 booster stations





United States Environmental Protection Agency Administrator Michael Regan, Secretary of Agriculture Tom Vilsack and N.C. Department of Environmental Quality Secretary Elizabeth Biser tour the Wastewater Treatment Plant with Franklin County Manager Kim Denton and FCPU Director Chris Doherty on April 25, 2022

WASTEWATER STATISTICS

- County Wastewater Treatment Plant
- 1 Large industrial sewer customer
- 5,700 + sewer customers
- $\pm$ 105 miles gravity sewer main
- $\pm$ 35 miles sewer force main
- 32 Pump Stations
- $\pm$ 1,557 manholes
- $\pm$ 72 force main valves
- 3 odor control stations





STAFF

DEPARTMENT STAFFING

Public Utilities Department has a dedicated staff of 50 employees in 6 divisions

- Administrative Operations
 - Business Services
 - Infrastructure Development / Technology
- Systems Operations
 - Wastewater Treatment Plant
 - Wastewater Collection
 - Water Treatment Plant
 - Water Distribution

Franklin County Water Treatment Staff



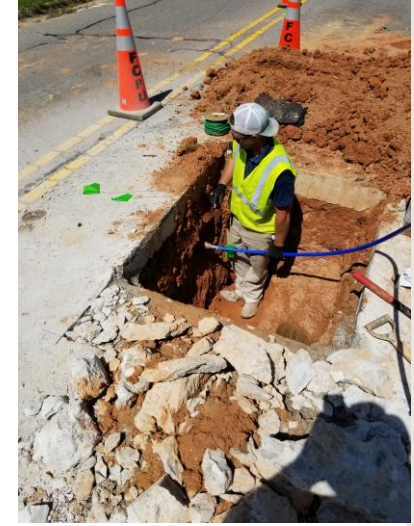
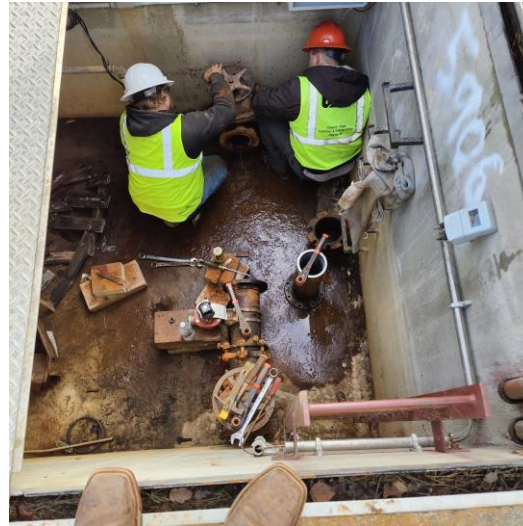
Franklin County Water Treatment Plant



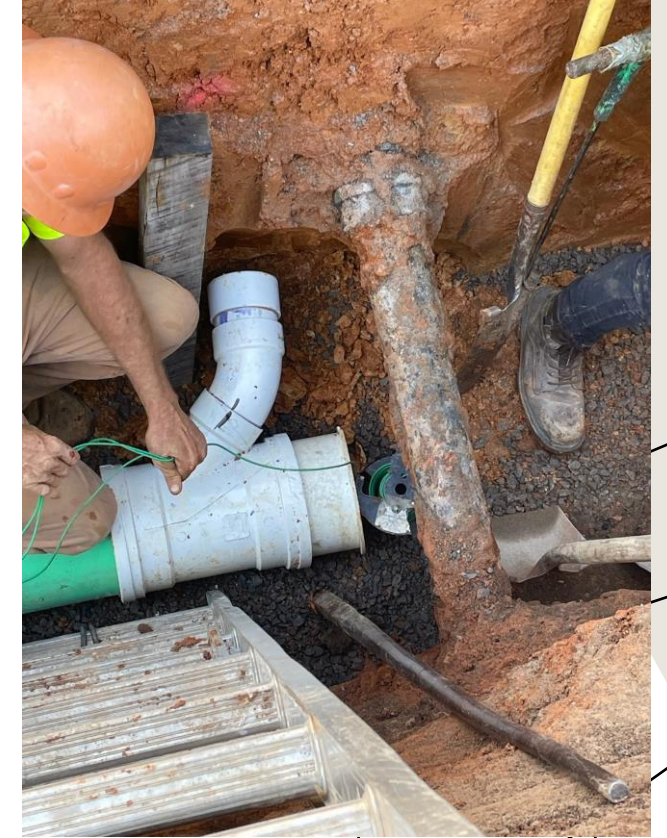
Franklin County Water Distribution Staff



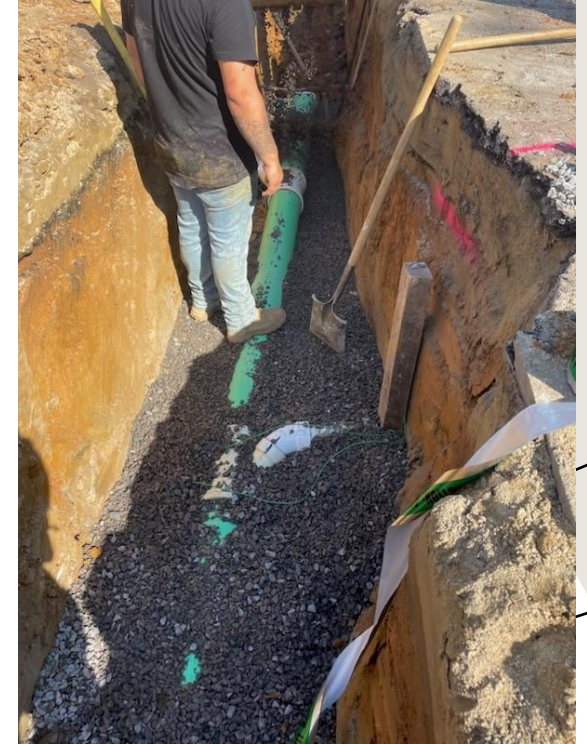
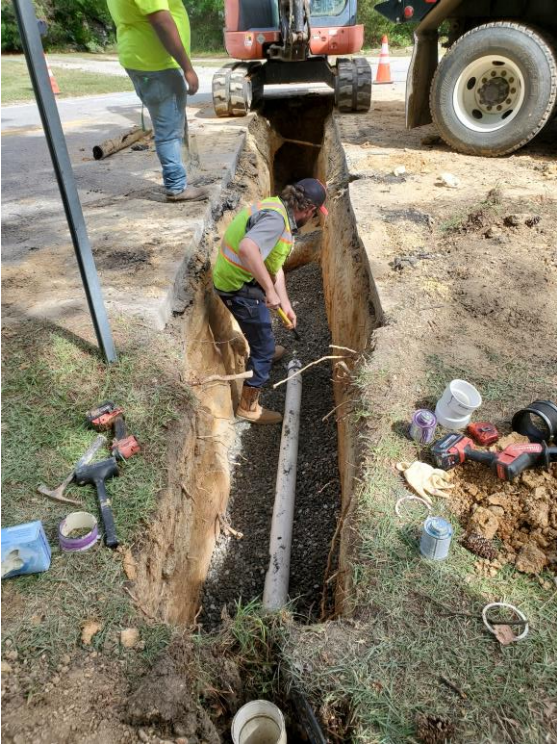
Franklin County Water Distribution Staff



Franklin County Wastewater Collection Staff



Franklin County Wastewater Collection Staff



Franklin County Wastewater Collection



Wastewater Treatment Plant Staff



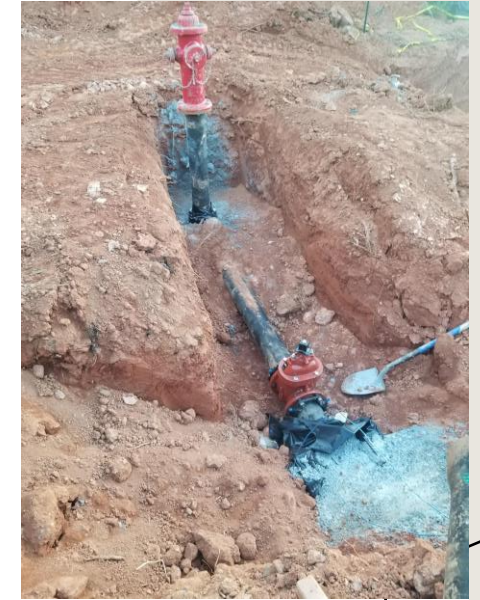
Franklin County Wastewater Treatment Plant



Franklin County Fleet & Equipment



Development Construction

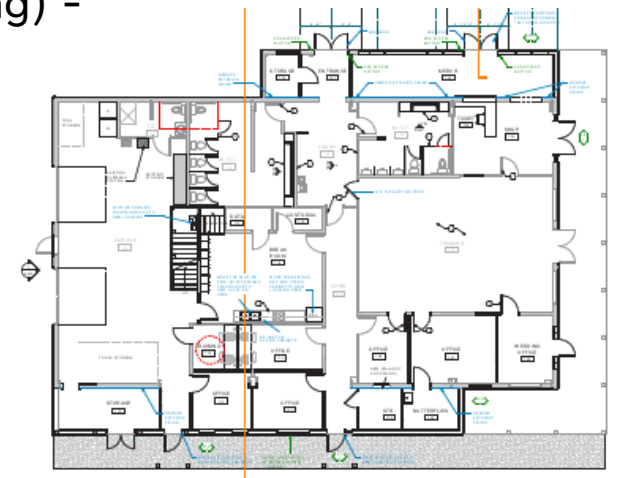


PROJECT UPDATES



ON-GOING PROJECTS

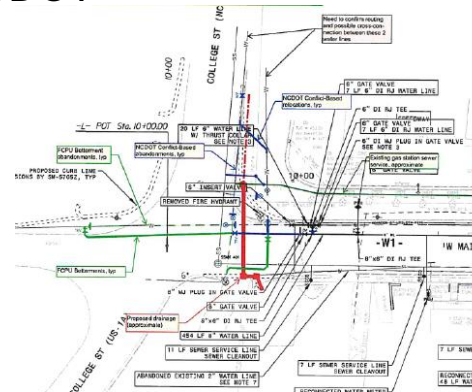
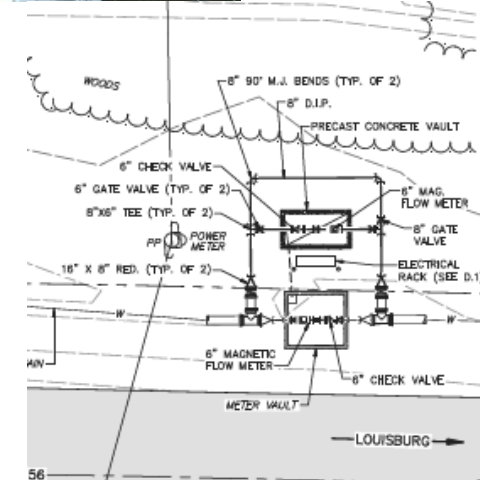
- Water Meter Replacement - \$4,300,000
 - ± 7,100 meters & transmitters installed
 - Projected completion date: August 2024
- Franklinton N. Main Street Water Line – \$540,805
 - Projected completion date: May 2024
- US 1 (NC 56 to Pocomoke) Water Line – \$480,195
 - Projected completion date: May 2024
- New Elevated water Tank (ARPA Funding) - \$4,326,000
 - Under design
- Public Utilities WWTP Maintenance Shop (ARPA Funding) - \$2,364,000
 - Architect contract negotiations



The County continues to invest in utility infrastructure

ON-GOING PROJECTS

- NOVO Blending Station Rehabilitation (ARPA Funding) - \$2,060,000
 - RFQ submittal 04-23-2024; review and recommendation to follow
- HON Meter Vault Upgrade/Rehabilitation - \$225,000
 - Finalizing design for bidding
- Pearce Street water line replacement under railroad tracks – under construction
- Bowen Street sewer line installation – writing scope of work
- Manhole rehabilitation – contractor to start spring 2024
- Main Street/College Street/Holden Road Utilities
 - Under Construction partner with NCDOT



The County continues to invest in utility infrastructure

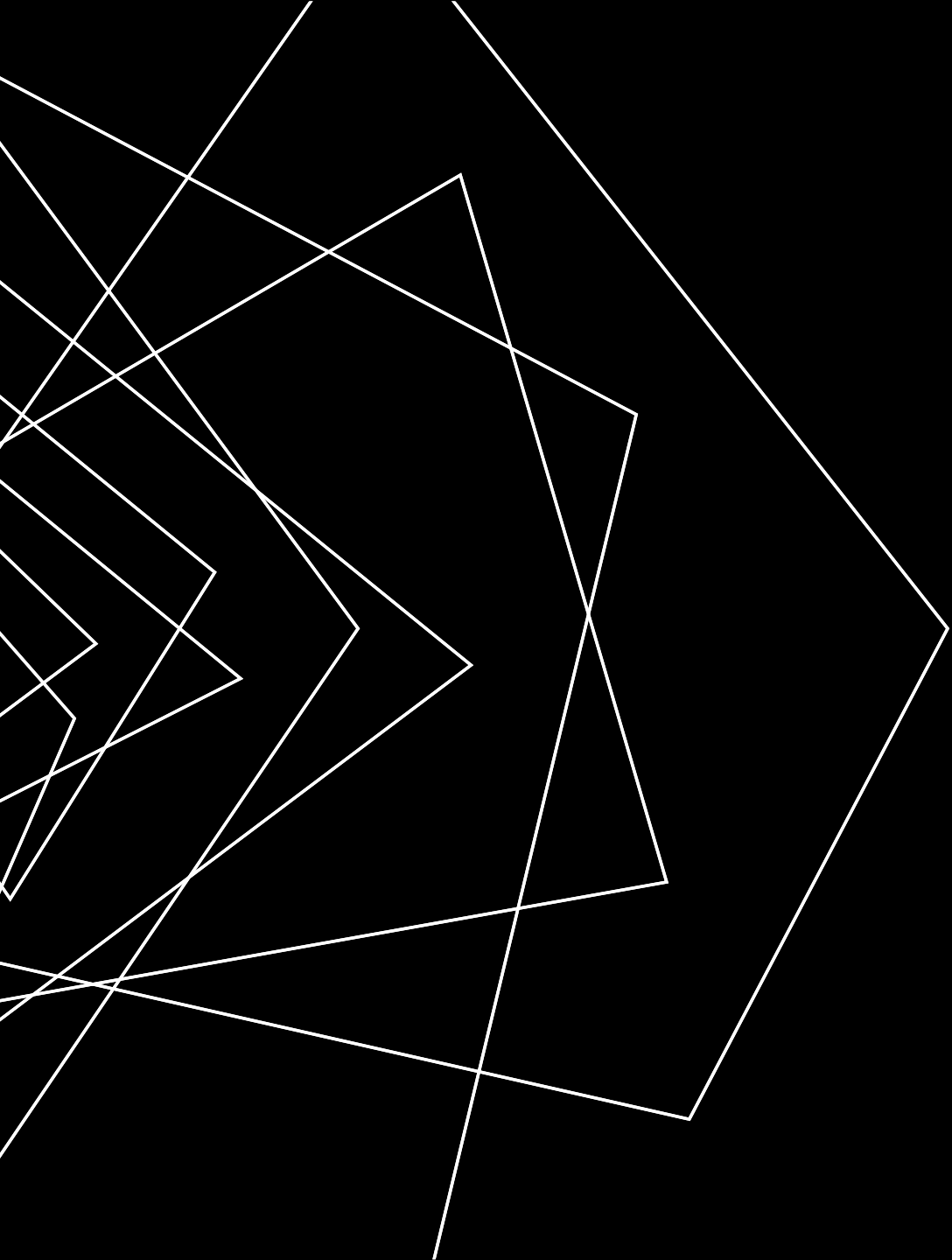
COMPLETED PROJECTS

- Wastewater Treatment Plant Rehabilitation - \$11,600,000
- Franklinton Pump Station Rehabilitation - \$1,400,000
- Youngsville Main Street Utility Upgrades - \$1,250,000
- Wall Road Interconnect with City of Raleigh - \$896,889
- Sterling Street Water and Sewer Replacement - \$262,350
- Franklinton Sewer Rehabilitation I & II - \$1,587,501
- Franklinton & Youngsville Regional Pump Station Replacements - \$1,365,701
- Triangle North Contract I (Gravity Sewer & Water) - \$1,500,000
- Triangle North Contract II (Pump Station and Force Main)- \$1,633,512
- Franklinton Water Main Improvements \$997,318

Total On-Going and Completed Projects = \$36,349,271

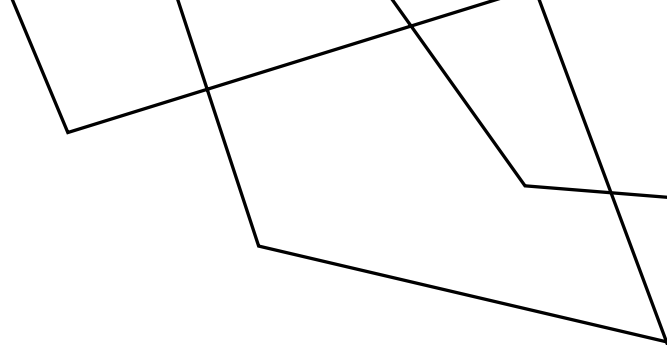
The County continues to invest in utility infrastructure





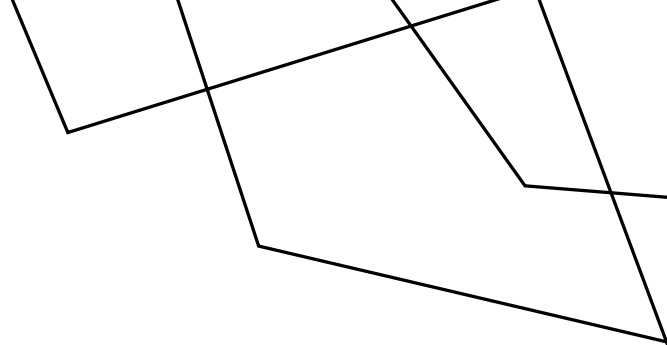
SUPPLY UPDATE

Jim Sheedy, Public Utilities Attorney



INCREASE IN WATER SUPPLY

- 2020 Water Supply 3,950,000 gpd
- 2024 Water Supply 5,100,000 gpd
- Percentage Increase in Supply 23%

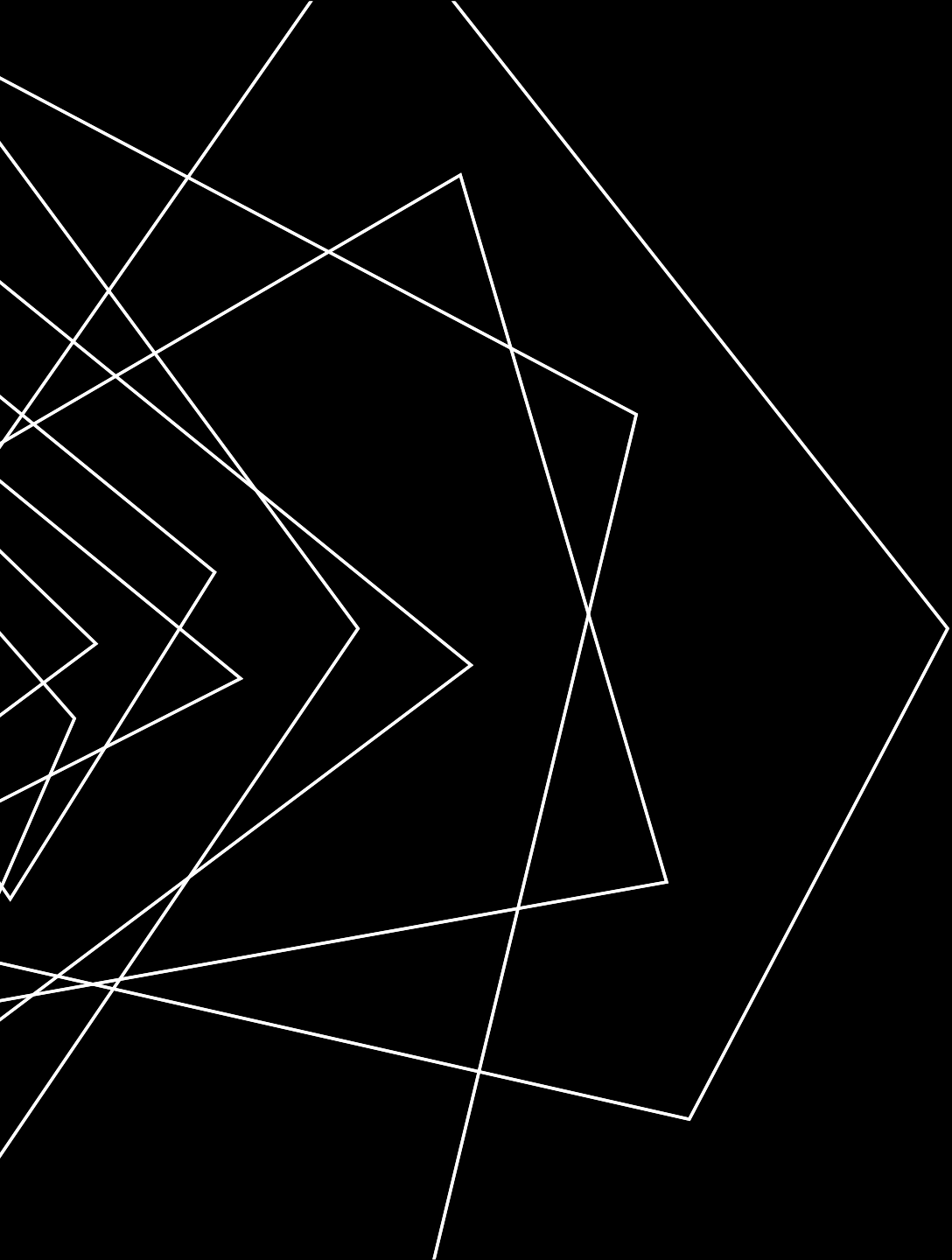


SEWER AVAILABILITY

- 2023 Permitted Sewer Capacity 3,000,000 gpd
- 2023 Average Daily Sewer Flow 1,286,000 gpd
- 2023 Available Sewer Capacity 1,714,000 gpd

CURRENT WATER AVAILABILITY AND GROWTH

2024 Available Water Supply	5,100,000 gpd
2024 Committed Water Supply	4,170,000 gpd
2024 Uncommitted Water Supply	930,000 gpd
Annual Water Allocation by Ordinance	75,000 gpd
Years Available for Allocation	12.4
Rooftops per Year by Ordinance	556
County Annual Growth	approx. 1,668 people



THANK YOU

Chris Doherty, Public Utilities Director
Alex Fuller, Assistant Public Utilities Director