

TOWN OF SILER CITY
 BOARD OF COMMISSIONERS
 April 13, 2023, MINUTES
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TOWN OF SILER CITY

The Siler City Board of Commissioners met in Special Session on **Thursday, April 13, 2023**, at 6:00pm in City Hall Courtroom with Mayor Price presiding. Commissioner Alston gave the invocation with the recitation of the Pledge of Allegiance following.

ELECTED TOWN OFFICIALS PRESENT: Norma Boone, Curtis Brown, Lewis Fadely, Bill Haiges, Thomas “Chip” Price, Albert Alston, and Jay Underwood

ELECTED TOWN OFFICIALS ABSENT: Cindy Bray

TOWN STAFF PRESENT: Town Manager Hank Raper, Finance Director Mandy Cartrette, HR Director Nancy Darden, Public Works Director Cal Pettiford, Public Utilities Director Chris McCorquodale, Police Chief Mike Wagner, and Budget Manager Jenifer Johnson and Town Clerk, Kimberly Pickard.

AGENDA ADJUSTMENTS/APPROVAL OF AGENDA

A motion to approve the agenda as presented was made by Commissioner Brown, seconded by Mayor Pro Tem Haiges, and unanimously approved.

PRESENTATIONS

Presentations were given by Freese Nichols :

- *Stormwater Program*
- *Water & Sewer Revenues*

The presentations included information on:

- Develop population projections for 20- & 50-year planning horizons
- Develop treatment capacity needs for water and wastewater
- Develop 20-year Capital Improvement Plan to meet the projected treatment needs along with water distribution and wastewater collection needs
- Develop a financial model/plan to meet the 20-year needs
- System Development Fees
- W/WW utility rate analysis/increases that are needed to compliment SDFs
- Stormwater Utility Fee Conceptual Evaluation Schedule
 - December 2022: began work
 - March 2023: SWUF Report submitted
 - April 2023: draft CIP and Long-Range Planning Report due
 - May 2023: final CIP and Long Range Planning Report due
 - June 2023: begin System Development Fee Study
 - 60 days to complete
 - August 2023: begin Financial Analysis Report
 - 90 days to complete
 - As of today, our work is on schedule and approximately 25% complete. More research and analysis to come.

Lastly, The presentation included recommendations on Existing and future rates:

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FY2023-2024 BUDGET DISCUSSION

Town Manager Hank Raper, discussed the narrative provided by McGill & Associates outlining the Siler City Wastewater Project Funding:

1. Wastewater Treatment Plant Four MGD to Six MGD Expansion Project \$37,415,400 Currently, the Town of Siler City's Wastewater Treatment Plant capacity is four million gallons per day. The Town has been working on modifications and needed capacity, upgrading, and expanding of the Wastewater Treatment Plant (WWTP) permit to six million gallons per day with North Carolina Department of Environmental Quality over the last three years and recently received approval. This project includes upgrading 5,600 Linear Feet (LF) of the 24" Vitrified Clay Pipe (VCP) sewer interceptor to 36" Polyvinyl Chloride Pipe (PVC). This project is to be a two-phase project. Phase 1 includes upgrading existing oxidation ditch equipment, clarifier equipment, standby generator, piping, and related appurtenances to ensure compliance with interim NPDES discharge limits that the current equipment is struggling to maintain. Phase 2 includes the expansion of the WWTP with new headworks, influent pump station, oxidation ditch, clarifier, denitrification filters, chemical feed equipment, UV disinfection, solids handling facility, and related appurtenances to ensure the Town is in compliance with the 2023 National Pollutant Discharge Elimination System (NPDES) discharge limits. The construction estimates are projected at \$37,415,400, which includes design and permitting, engineering, and construction. This is by far Siler City's most essential project for Wolfsped. This project will give the Town the needed capacity for Wolfsped's required sewer projections. The attached estimate provided by McGill Associates includes a substantial increase from the previous estimate due to several factors; including, the current market conditions and the additional scope of installing two screw presses for sludge instead of one belt press for sludge.

Projects 2 through 8 detailed below are focused on Inflow and Infiltration as outlined in the 2021 Sewer Asset Inventory Assessment developed by McGill Associates. Inflow and infiltration occurs when cracks increase sewer flows, leading to damage and high treatment costs to the Wastewater Treatment Plant.

2. Upper Loves Creek Sewer Interceptor Replacement Project \$3,750,000 The remaining 24" VCP sewer interceptor not included in the above project is the next highest priority. This line is 4,045 LF and will need to be upgraded to a 36" PVC line based on future flow calculations. It serves a vast portion of the Town and it is critical this line be upgraded and replaced. The health and environmental consequences of failure of this line would be catastrophic.

3. West Siler Interceptor Replacement Project \$4,000,000 This project is to remove and replace an eighteen-inch sewer line. This replacement is needed for both Inflow and Infiltration and to increase the size of the line to support growth on the west side of town where Wolfsped is locating its operation. The 18" VCP sewer interceptor that serves the western portion of the Town is a high priority due to the reasons discussed in the two projects above. The project includes the upgrade of 4,850 LF of 18" VCP sewer line to 30" PVC based on future flow calculations.

4. Downtown Area Inflow and Infiltration Project \$5,000,000 This project is to remove and replace both six- and eight-inch sewer lines in the downtown area. The lines in this area are some of the oldest in the system and underlie critical roads increasing the potential impacts of their failure. This project includes removing and replacing both sidewalks and streets to access the lines that need replacing. The project calls for the rehabilitation or replacement of 7,188 LF of 8" gravity sewer mains and all manholes along these lines.

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5. West 6th Street, 7th Street, and 8th Street Inflow and Infiltration Project \$3,500,000 Smoke testing study showed three separate areas that needed rehabilitation or replacement. The first project includes the rehabilitation or replacement of 14,730 LF of 6-8" VCP sewer lines and manholes that connect. These lines are on W 6th, 7th, and 8th Streets as well as some connecting roads. This area was selected as a priority over the other smoke tested areas because the impacts of these defects were seen to cause significant Inflow and Infiltration from the flow monitoring study.

6. South 6th Street, College Street Inflow and Infiltration Project \$4,000,000 This project was also identified through the smoke testing portion of an Asset Inventory Assessment study. This project includes the rehabilitation or replacement of 15,105 LF of 6", 8", and 10" VCP sewer and connecting manholes. The streets include South 6th, College, and connecting roads. It was made the next priority because of the vicinity of Loves Creek and the inclusion of an 8-inch outfall that flows into the main 24" VCP interceptor.

7. N Chatham Avenue Area Rehab/Replacement Project \$4,632,175 This project identified through smoke testing in the north area of the Town includes the rehabilitation or replacement of 11,500 LF of 6 inch to 8 inch VCP sewer pipes and connecting manholes. This project includes North Chatham Avenue and connecting roads.

8. West 3rd, 4th, and 5th Street Rehab/Replacement Project \$4,982,000 This project is in the area of the Town directly under the main project made due to the smoke test and flow monitoring data. The sewer lines are located on W 3rd, 4th, and 5th Streets. The project includes the rehabilitation or replacement of 9,335 LF of 6-8" VCP sewer lines and connecting manholes. This area was not smoke tested or flow monitored but due to its similar age, material, and proximity to other areas. It is believed to have similar deficiencies.

Projects 9 through 11 detailed below also focus on Inflow and Infiltration and have been identified by Town Public Utilities Staff.

9. 12th Street Inflow and Infiltration Project \$2,550,000 The project includes the rehabilitation or replacement of 2,396 LF of 8-inch VCP sewer lines and connecting manholes. This area was not smoke tested or flow monitored but due to its similar age, material, and proximity to other areas it is believed to have similar deficiencies. This project includes boring both under bodies of water and undeveloped land.

10. North Glenn Avenue to Cliffwood Drive to North Garden Avenue to North Fir Avenue Project 3,500,000. The project includes the rehabilitation or replacement of 2,580 LF of 8-inch VCP sewer lines and connecting manholes. This area was not smoke tested or flow monitored but due to its similar age, material, and proximity to other areas. It is believed to have similar deficiencies. This replacement includes boring under bodies of water.

11. Elk Avenue Inflow and Infiltration Project \$1,780,000 The project includes the rehabilitation or replacement of 1,604 LF of 8-inch VCP sewer lines and connecting manholes. This area was not smoke tested or flow monitored but due to its similar age, material, and proximity to other areas. It is believed to have similar deficiencies.

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Commissioner Fadely made a motion to go into closed session §143-318.11(a)(6) to consider the qualifications, competence, performance, character, fitness, conditions of appointment, or conditions of initial employment of an individual public officer or employee or prospective public officer or employee; or to hear or investigate a complaint, charge, or grievance by or against an individual public officer or employee was made by Mayor Pro Tem Haiges seconded by Commissioner Brown and unanimously approved.

A motion to come out of closed session at 8:14pm was made by Commissioner Fadely and seconded by Mayor Pro Tem Haiges, and unanimously approved.

With no further business the Board of Commissioners adjourned at 8:15pm.



Thomas K. Price III, Mayor

ATTEST:


Kimberly Pickard, Town Clerk

