

TITLE: Water Supply and Wastewater SCADA Systems Replacement (22NEW4)

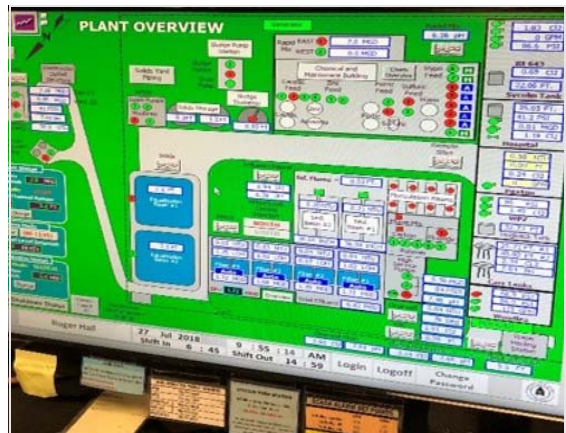
STATUS: Future

PROGRAM DESCRIPTION: The Supervisory Control and Data Acquisition (SCADA) of the Town's water supply and wastewater systems were originally designed and installed in 2002. SCADA systems provide means to control all plant and system processes. The current systems are not commonly used in the United States. The Town's SCADA system will be converted to a commonly used system and utility plant operations will be readily supported through the implementation of this project, providing greater security and efficient operation of the utility treatment plants' process control network.

OPERATING IMPACT: None

GOAL ADDRESSED: 2012 Town Plan

- Community Facilities and Services Objectives 5 and 6 call for providing adequate water supply and wastewater collection and treatment to meet state and federal criteria. This project improves the resilience of the water supply and wastewater process control networks.



Significant Dates

UTILITY RELOCATION START	CONSTRUCTION START	ESTIMATED COMPLETION
NA	Fall 2022	Fall 2025

Funding Sources

Sources	Total Required Project Funding	Funded through 6/30/19							Total for 6 Yr CIP	Future Funds Required
			2020	2021	2022	2023	2024	2025		
Utilities Bonds	\$ 1,756,000	—	—	—	\$ 309,000	\$ 723,000	\$ 724,000	—	\$ 1,756,000	—
PAY-GO Utilities	1,436,500	—	—	—	253,300	591,100	592,100	—	1,436,500	—
Total Sources	\$ 3,192,500	—	—	—	\$ 562,300	\$ 1,314,100	\$ 1,316,100	—	\$ 3,192,500	—

Planned Uses

Uses	Total Project Cost	Expended through 6/30/19							Total for 6 Yr CIP	Future Project Cost
			2020	2021	2022	2023	2024	2025		
Project Management	\$ 192,500	—	—	—	\$ 62,300	\$ 64,100	\$ 66,100	—	\$ 192,500	—
Design/Engineering	500,000	—	—	—	500,000	—	—	—	500,000	—
Construction	2,500,000	—	—	—	—	1,250,000	1,250,000	—	2,500,000	—
Total Uses	\$ 3,192,500	—	—	—	\$ 562,300	\$ 1,314,100	\$ 1,316,100	—	\$ 3,192,500	—

Operating Impact

Operating/Maintenance	2020	2021	2022	2023	2024	2025	Total for 6 Yr CIP
N/A	—	—	—	—	—	—	—
Total Impact	—	—	—	—	—	—	—