

**TITLE:** Water Treatment Plant Sludge Disposal Improvements (23NEW1)

**STATUS:** Future

**PROGRAM DESCRIPTION:** This project replaces 18 year old equipment with an efficient solution for accumulating, mixing and removing Water Treatment Plant (WTP) sludge. The current process of mixing, storing and maintaining WTP sludge is inefficient due to excess energy consumption and manual labor. The improvement will install modernized equipment and save labor and energy expenses at the WTP.

**OPERATING IMPACT:** None

**GOAL ADDRESSED:** 2012 Town Plan

- Community Facilities and Services Objectives 5 and 6 call for providing adequate water supply to meet state and federal criteria. Improvements to this system will reduce energy consumption associated with constant mix pump operation and manual labor involved in tank cleaning.

**Significant Dates**

UTILITY RELOCATION START	CONSTRUCTION START	ESTIMATED COMPLETION
NA	Fall 2022	Fall 2023



Utilities

**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	\$ 901,000	—	—	—	—	\$ 901,000	—	—	\$ 901,000	—
PAY-GO Utilities	737,200	—	—	—	—	737,200	—	—	737,200	—
<b>Total Sources</b>	<b>\$ 1,638,200</b>	—	—	—	—	<b>\$ 1,638,200</b>	—	—	<b>\$ 1,638,200</b>	—

**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	\$ 138,200	—	—	—	—	\$ 138,200	—	—	\$ 138,200	—
Design/Engineering	225,000	—	—	—	—	225,000	—	—	225,000	—
Construction	1,275,000	—	—	—	—	1,275,000	—	—	1,275,000	—
<b>Total Uses</b>	<b>\$ 1,638,200</b>	—	—	—	—	<b>\$ 1,638,200</b>	—	—	<b>\$ 1,638,200</b>	—

**Operating Impact**

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