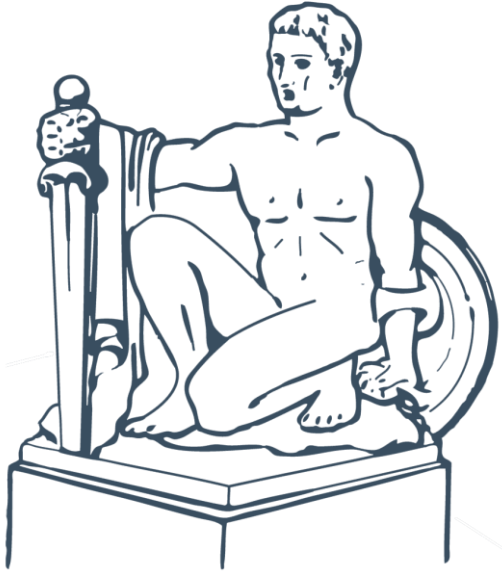


HEADWORKS PROJECT UPDATE



NICOLAS STORELLICASTRO
CITY MANAGER
OCTOBER 22, 2024

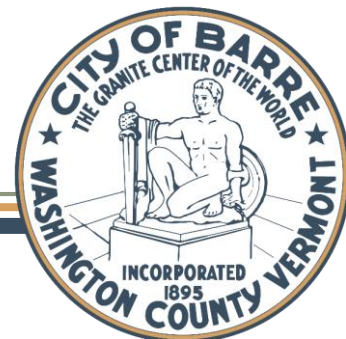


WHAT IS THE PROJECT?



- Construction of a new headworks to provide preliminary treatment.
- The existing headworks was installed in 1970 (minor repairs in the 1990s)
- Expected lifespan of this equipment is 20-25 years.

The headworks is the “intake” part of the plant. As a result of its age and design, it is unable to handle rags and grit, and as a result, other plant systems are not operating at full capacity.

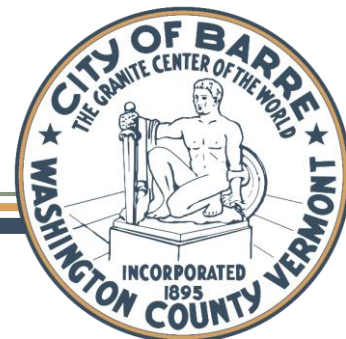


WHAT IS INCLUDED IN THE PROJECT?

- Demolition of existing headworks equipment + abatement (lead paint, asbestos)
- Construction of new 40 ft x 50 ft building to house the process
- Mechanical, electrical and process equipment including multi-rake screen with solids washer, vortex grit removal system and grit washer



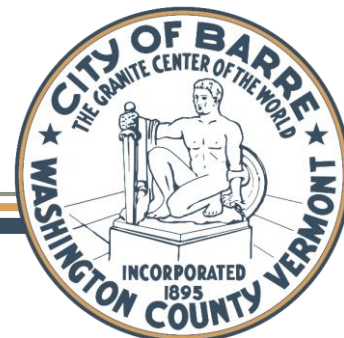
Proposed location of new headworks.



WHY IS THE NEW HEADWORKS NEEDED?

- The existing headworks equipment is all past its useful life, and failure could present serious impacts on public and environmental health.
- Without preliminary screening of the wastewater, damage occurs to downstream equipment, leading to more extensive repairs and high costs for emergency equipment replacement.

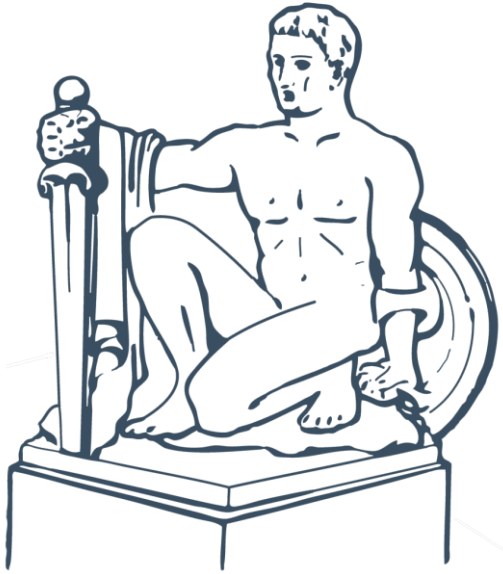
Projected Date		Task
2024	November 5	Bond Vote Begin Final Design and Permitting
2025	May	90% Design Submittal
	July	Bid Phase
	September	Begin Construction
2026	December	Construction Completed



HOW MUCH DOES THE PROJECT COST?

- \$9.3-million total project cost. The City may be eligible for up to \$3,600,000 through State of Vermont grants and subsidy. **However, voters must approve the bond to access these grant funds.**
 - Any amounts raised through grants reduce the bond amount.
- Starting in 2026 to only pay the debt retirement, the increase in the sewer bills is projected at:
 - For a low flow customer (15,000 gpy), **\$3.72 per quarter (\$0.93 per month).**
 - For an average flow customer (53,000 gpy), **\$12.96 per quarter (\$4.31 per month).**





THANK YOU

QUESTIONS/DISCUSSION?

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