



WASTEWATER TREATMENT FACILITY BOND VOTE INFORMATION

When is the public information meeting?

A PUBLIC INFORMATION MEETING was held:
Monday, October 2, 2017 at 6:00 PM
Bennington Fire Facility
River Street

When is the bond vote?

BOND VOTE
Bennington Fire Facility
River Street
Tuesday, October 10, 2017
7:00 a.m. to 7:00 p.m.

What wastewater improvements are included?

WWTF Upgrades

- Headworks – New Screening Building
- Control Building - Expansion with electrical upgrades and Plant PLC
- Anaerobic Digestion System – Upgrades of primary and secondary digesters.

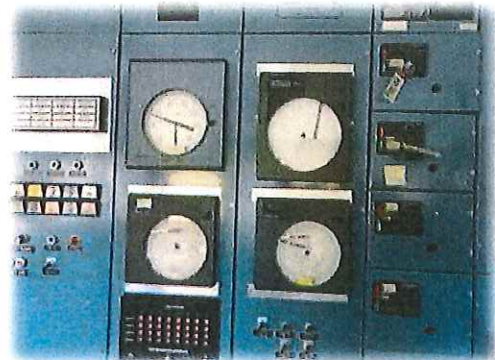
Rotating Biological Contactor (RBC) Replacements

- Thirty (30) new rotating biological contactor units w/ enclosures, drive units, and electrical upgrades



Why are the upgrades necessary?

- Equipment has served the Town well until 2015 through excellent operation and maintenance practices.
- Replace aging components to reduce frequent and costly repairs. A majority of this equipment is 30+ years old, past its expected useful life.
- Screening is not provided at the existing Headworks structure, allowing the inorganic material to be carried through the treatment process.
- Anaerobic Digestion System has age related needs, and code compliance and safety issues that must be addressed.



- Control Building Expansion is required to accommodate the motor control center and SCADA system replacement for automated monitoring and control of the facility.
- Assurance of Discontinuance entered into Superior Court on April 21, 2017 and I requires evaluation of current operations of facility and a revised Plan & Schedule for replacement of the RBC units.
- Provide consistent compliance with the Discharge Permit so the Town isn't subject to fines and the water quality of the Walloomsac River isn't negatively impacted.



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What is the construction cost?

The construction cost is \$8,180,000 as summarized below.

Estimated Construction Cost

Item Description	Estimated Cost
RBC Replacement	\$4,092,000
WWTF Upgrades	\$4,088,000
Total	\$8,180,000

What is the total project cost and bond vote amount?

The total project cost of \$9,850,000 includes: construction contingency, engineering, legal, administration, permit fees and short term interest.

The recommended **bond amount is \$9,850,000.**



What are the available funding sources?

Through the State, loan funding is provided through the Clean Water State Revolving Fund (CWSRF). The Town qualifies for up to 50% loan subsidy (maximum of \$300,000) for the engineering. For construction, the CWSRF program offers a 2% loan at a 20 year term. As of July 1, 2017, the Town qualifies for up to \$300,000 in loan subsidy for construction.

What is the projected impact on the current Sewer Rates?

The total annual loan payment is projected at \$576,000 for both projects and assumes the Town will receive approximately \$445,000 in loan subsidy.

A single family home will see a projected increase in their sewer flat rate of \$37.83 per quarter.



What is the project schedule?

The project schedule is summarized below.

Projected Date		Task
2017	Oct. 10	Bond vote
	November	Begin final design
2018	April	Complete final design/ permitting Start RBC replacements
	June	Begin construction of upgrades
	December	Complete RBC replacements
2019	September	Complete construction of upgrades