

# TOWN OF HARDWICK

## WASTEWATER TREATMENT FACILITY IMPROVEMENTS

### BOND VOTE INFORMATION

***When is the public information meeting?***

**PUBLIC INFORMATION MEETING**

February 23, 2021 5:30 p.m.

Via Zoom at this link;

<https://zoom.us/j/97470928158>

or by calling 1-(301)-715-8592

***When is the bond vote?***

**MAIL-IN VOTING**

Ballot for this project will be mailed direct to all registered voters in Hardwick (will be part of comprehensive Town Meeting mailer as being sent to all registered voters).

**VOTE BY AUSTRALIAN BALLOT Option; if not voting my MAIL-IN process.**

Hardwick Fire Station

333 Wolcott Street, Hardwick, VT

Tuesday, March 2, 2021

9:00 a.m. – 7:00 p.m.

***What improvements are included in the Wastewater Treatment Facility Upgrade?***

- New lagoon liners
- New aeration system, including blowers, air piping, laterals, and diffusers
- New anaerobic reactor compartment floating cover and hydraulic curtain
- Refurbished grit trap and new grit collector
- New furnace and refurbished ventilation in the control building
- New electrical equipment
- Piping improvements

***Why is the Wastewater Treatment Facility Upgrade necessary?***

- All of these components, some of which are over 40 years old, have reached the end of their expected useful life.
- Proactive replacement will maintain the reliability of the facility and help control operational costs by improving efficiency.
- Several of these components will be very difficult to repair or replace once they have failed.
- These components must be in good working order for the WWTF to meet the Town's wastewater capacity needs, which are critical to Hardwick's economic well-being.



*The Anaerobic Reactor Compartment (ARC) cover in Lagoon #1 is necessary to treat the wastewater produced by homes and businesses in Hardwick, but has deteriorated and is in need of replacement.*

***What is the project cost and bond amount?***

The estimated construction cost is \$1,600,000.

The total project cost is summarized below.

**Estimated Construction Costs**

Item Description	Estimated Cost
Construction	\$1,600,000
Construction Contingency	\$200,000
Engineering	\$310,000
Administrative & Other Costs	\$78,500
<b>Total Project Cost</b>	<b>\$2,200,000</b>

# TOWN OF HARDWICK WASTEWATER TREATMENT FACILITY IMPROVEMENTS BOND VOTE INFORMATION

The **total project cost is \$2,200,000** and includes: construction, construction contingency, engineering, legal, permit fees, administration, short term interest, and other costs.

### ***What are the available funding sources?***

Funding is available through the State Clean Water State Revolving Fund (CWSRF) program as follows and the Town continues to pursue other State and Federal funding sources:

- Engineering subsidy is provided at 50% of the cost, total \$55,000.
- The State is providing an additional first-come first-served subsidy of 40% of construction costs, or a total of \$836,000.
- The remainder is eligible for a loan at 2%, 30-year term.

The **40% construction subsidy is available on a first-come first-served basis and may not be available in the future, so it is important that the Town pass a bond vote to make use of this funding.**

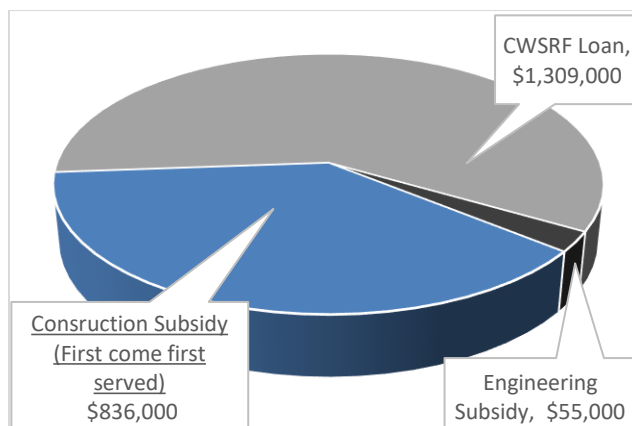
### ***What is the projected impact on the current Sewer Rates?***

The annual loan payment for the 2%, 30-year term, will be approximately \$58,446, with the **first debt payment due in August 2023**. This is estimated to cost a typical residential user approximately \$15.00 per quarter.

### **Funding Summary**

<b>Funding Source</b>	<b>Estimated Amount</b>
CWSRF Engineering Subsidy <i>*This is provided by the State*</i>	\$55,000
Construction Subsidy <i>*First-come, first-served – requires a positive bond vote*</i>	\$836,000
CWSRF Loan (2%, 30 years) <i>*This is the loan amount that will be paid off via sewer bills over 30 years*</i>	\$1,309,000
<b>Total Funding (This is the bond amount being voted on)</b>	<b>\$2,200,000</b>

After the subsidies are applied, the anticipated total loan amount is \$1,309,000.



*The project will improve the reliability of the facility by replacing outdated and deteriorating equipment, such as the 40-year-old control panel shown here.*

### ***What is the project schedule?***

The schedule below is based on a positive March 2021 bond vote and completion of construction for the new wastewater treatment facility in the summer of 2022.

### **Project Schedule**

<b>Projected Date</b>		<b>Task</b>
2021	March	Conduct Bond Vote
	July	Start construction at WWTF
2022	August	Complete construction at WWTF
2023	August	End of one-year warranty period