



# CHAMPLAIN WATER DISTRICT BOND VOTE SEPTEMBER 13, 2022 INFORMATIONAL FLYER



### **TOTAL BOND VOTE AMOUNT?**

The total bond vote amount is \$8,700,000, which is the total project cost for both projects.

There will be **NO CWD RATE INCREASE** as a result of these two projects. **CWD will NOT proceed to construction if we do not receive the grant funding through the federal earmark.**

### **FUNDING SOURCES**

Senator Bernie Sanders included the Filter Water Tank II and Raw Water Parallel Transmission Main in his Congressionally Directed Spending Request for FY23. Under this federal earmark CWD would receive a \$6.96M grant that covers 80% of the total project costs. CWD will be responsible for the remaining 20% with local funds (\$1.74M).

CWD is required to bond for the total project cost amount of \$8.7M even though we will only be paying back \$1.74M (20% of the project cost).

CWD will utilize either the Vermont Municipal Bond Bank (VMBB) or Vermont Drinking Water State Revolving Fund (VT DWSRF) to fund the 20% local funding requirement (\$1.74M).

CWD planned to construct these projects in the next 5-10 years at the full total project cost without any grants. With this federal earmark we will be able to construct these 2 projects for only 20% of the cost. The 80% federal grant combined with older CWD bonds set to expire, there will be **no CWD rate increase** as a result of these two projects.

**Please go to: [www.champlainwater.org](http://www.champlainwater.org) to learn more about these projects.**

### ***What projects are included under the bond?***

- Filter Water Tank II  
(aka South Filter Water Tank Replacement)
- Raw Water Parallel Transmission Main

### **Total Project Cost Summary**

	Project Costs
Filter Water Tank II	\$5,100,000
Raw Water Parallel Transmission Main	\$3,200,000
Additional Contingency	\$400,000
<b>Total Project Cost</b>	<b>\$8,700,000</b>

The total project cost amount for each project includes construction, construction contingency, engineering, legal and other costs.

### ***When are the public informational meetings?***

#### **Public Information Meeting No. 1**

Essex Junction – Lincoln Hall  
Wednesday, August 31, 2022 - 7:00 p.m.

#### **Public Information Meeting No. 2**

South Burlington – CWD Facility  
Wednesday, September 7, 2022 - 7:00 p.m.

### ***When and Where is the bond vote?***

Champlain Water District will be conducting a special meeting for the bond vote and only one (1) polling location will be open for all voting members:

Champlain Water District  
403 Queen City Park Road  
South Burlington, VT 05403

**Tuesday, September 13, 2022 - 7:00 a.m. to 7:00 p.m.**

Voters may request absentee ballots directly from Champlain Water District at 802-864-7454.



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## **Filter Water Tank II**

### ***What is included in the project?***

- New 1.0 Million Gallon (MG) Prestressed Concrete Tank to provide adequate primary disinfection and contact time
- Removal of existing 1.0 MG Glass-Fused-To-Steel Tank

### ***Why are the improvements required?***

- The existing 1.0 MG Glass-Fused-To-Steel Tank **was constructed in 1991. Life expectancy is estimated to be approximately 30+ years.**
- The existing tank has structural issues and is failing. Poor structural backfill during construction has compacted and settled, creating large cracks in the foundation and the tank is leaking.
- The location of the existing 1.0 MG tank conflicts with future improvements required at the Water Treatment Plant (WTP) site.
- The new 1.0 MG tank will improve water quality by providing enhanced baffling for better disinfection and contact time.

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

Construction schedule is dependent on federal approval of the set asides.

## **Raw Water Parallel Transmission Main**

### ***What is included in the project?***

- ~675 linear feet of new 30" ductile iron waterline to provide full redundancy from the Lake Water Pump Station to the Lake Water Tanks.
- Two (2) segments to be constructed:
  - ~150 linear feet downstream of Lake Water Pump Station
  - ~525 linear feet from railroad tracks to Lake Water Pump Station.
- New sleeve installed via jack and bore under railroad
- New raw water meter vault

### ***Why are the improvements required?***

- Improved redundancy of raw water to the treatment plant. **Two (2) parallel raw water transmission mains guarantees continued operation during repairs or maintenance.** It is critical to have a reliable feed of water from the lake to the plant.
- Improved energy efficiency with the reduction of friction losses.
- The new raw water meter vault will replace the existing undersized meter vault which will provide improved flow measurements and chemical treatment with flow paced injection resulting in more efficient use of chemicals.

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

Construction schedule is dependent on federal approval of the set asides.