

TOWN OF WILMINGTON WASTEWATER TREATMENT FACILITY REFURBISHMENT PROJECT



When is the public information meeting?

Public Information Meeting
Wilmington Town Hall Meeting Room
Wednesday, February 25, 2015
6:00 pm

When is the bond vote?

Bond Vote
Former High School Gymnasium
Tuesday, March 3, 2015
7:00 am to 7:00 pm

What is included in the WWTF refurbishment project?

- River embankment stabilization.
- Replacement of the influent pump station controls.
- A new primary treatment unit to replace the existing clarigester.
- Replacement of the two rotating biological contactor units.
- Renovation of the Control Building with mechanical/electrical upgrades and new emergency generator.
- Renovation and addition to the Office/Lab Building.

Why are the WWTF improvements needed?

- Major equipment and electrical systems are now 28 years old and require upgrade to extend the useful life.
- RBC #2 is not operable and requires costly repairs or replacement. A recent State inspection requires that this unit be placed back into operation in 2015.
- These upgrades will improve the long-term reliability of the facility to reduce equipment failures and frequent costly repairs.
- Existing buildings are being repurposed and require renovation.
- Code compliance issues will be addressed.
- The current levels of nitrogen removal need to be maintained with flexible and reliable process operations.

What are the estimated costs?

The estimated construction cost is \$1,625,000 (April 2015) and total project cost is \$2,130,000. The total project cost includes: the construction, 10% construction contingency, engineering, legal, short term interest and other related project costs.

What is the bond vote amount?

The total bond amount requested is \$2,130,000 subject to reduction from available State and federal grants-in-aid.

What are the available funding sources?

This project will be funded through the USDA/Rural Development program with up to a 30% grant/70% loan (3.25%, 30 years) or State CWSRF revolving loan (2.0%, 20 years). The Town is waiting on a preliminary funding offer from USDA.

What is the impact on the sewer rates?

The annual loan payment is projected to be up to \$129,500 and will be **repaid by the sewer customers only**. A typical residential customer should anticipate up to a \$90 increase in the semi-annual sewer bill but it will be lower with a USDA grant.