

Getting water from Oakland Lake to your home!



THE PRISTINE OAKLAND LAKE WATERSHED

We draw 500m³ of water per day. Strict land use policies protect the lake and our source waters.



STATE-OF-THE-ART WATER TREATMENT

Our plant treats water held in our 2000m³ reservoir. Chlorination and UV purification means our water passes rigorous daily testing.



LEGACY LINES

Public Works maintains distribution and transmission lines residents voted for over 70 years ago. Council's working hard to secure funds for needed rehabilitation and upgrades.



FRESH WATER, ON TAP

New generators keep service steady during power outages. If service is interrupted, CodeRED alerts everyone effected!



Fresh water, thanks to our pipes, plants, and people!

From the Oakland Lake watershed just outside of town limits, to our state-of-the-art treatment plant, through over 10km of water mains, to our faucets and taps: why buy a bottle when the highest quality water's at hand? Our drinking water infrastructure is something we all built together, and something we can all be proud of! Your utility payments – with support from provincial and federal governments – help keep it that way!

Water Assets



WATER ASSETS AT A GLANCE

Mahone Bay's water system includes:

- Raw Water Pump House (\$349,525)
- Treatment Facility (\$2,287,025)
- Reservoir (\$1,550,000)
- 3 km Transmission Mains (\$2,770,904)
- 12 km Distribution Lines (\$11,083,616)
- +60 Hydrants for fire service (\$651,000)

Values are estimated replacement value

KEY 2020-21 CAPITAL PROJECTS:

- \$3,155,900 for distribution line renewal / extension (waiting on confirmation of Provincial / Federal funding)

SOURCE WATER

The 4.05 km² Oakland Lake Watershed is designated a protected area under provincial law. In 2019 the Town of Mahone Bay withdrew an average of 611,674 Litres per day from the lake to supply residents.

WATER TREATMENT

The Town of Mahone Bay operates a Class II water treatment facility which uses microfiltration, UV and chlorine to treat water pumped 3 km from Oakland Lake.

Certified staff continuously monitor the treatment process and regular testing is conducted for bacteria and contaminants, in accordance with regulations.

Did you know? Our water utility was founded in 1949!

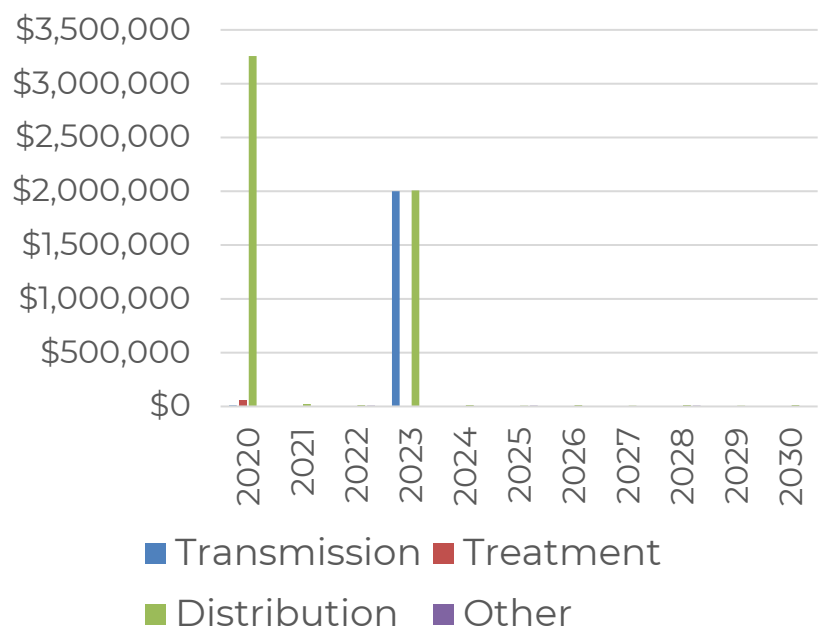
ASSET MANAGEMENT GOALS

- Continue to meet treatment regulations
- Renew existing transmission and distribution assets (leak/loss reduction)
- Extend services to support new development (system can handle 1,500+ town residents)
- Protect source water through regulation and land acquisitions
- Mitigate swings in rates

RISKS:

- Coastal erosion threatening infrastructure

10-year Capital Investment Plan



Average bi-monthly bills for residential water customers in Mahone Bay:

2017	2018	2019	2020	2021
\$123.19	\$123.19	\$134.14	\$143.37	\$147.44

Rates pay for operating costs and important capital projects!