

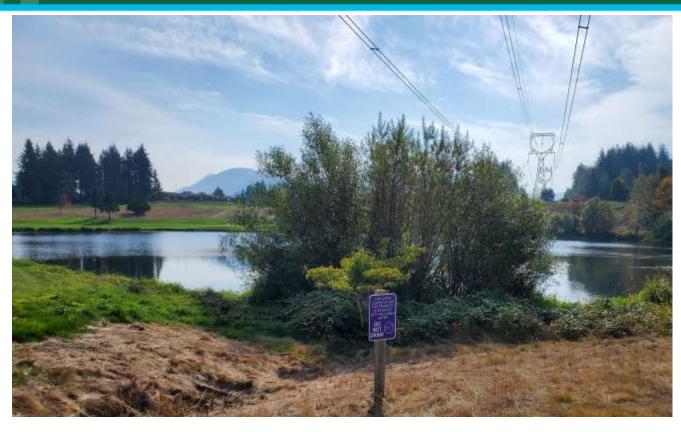
# **Eagle Lake Water Reclamation Basin Improvements**

May 16, 2023

Parks & Public Works & RH2 Engineering

### Class A Reclaimed Water at Eagle Lake





- 1997 Construction
- Eagle Lake Storage Pond
- Added Utility Resiliency

- First permitted Class A System in WA State
- 1.56 MG daily offset
- Wastewater is resource!

#### Distribution System Improvements



- 2018 Reclaimed Water Rule (Purple Book)
- Distribution system improvements to City Class A system (12 MG Annually)
- Potential for future chlorination system
- New reservoir will separate City Class A from Eagle Lake
- Improvements to Class A irrigation pump station
- Continued water supply and water quality benefits







## Reservoir Siting Study





Propose improvements will only impact Class A distribution system owned and operated by City.

# Next Steps



- ☐ July 1, 2023 Draft Engineering Report to Ecology
- ☐ December 31, 2023 Final Engineering Report to Ecology
- ☐ 2024 Design of Improvements
- □ 2025-2026 Construction of Improvements