



# **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