

Comprehensive Plan Amendment: Water Service

PTA/PMA 23-0002



Water Master Plan Update
PTA/PMA 23-0002

TUALATIN PLANNING COMMISSION
May 18, 2023



Tonight's Presentation

1. Water Master Plan Purpose & Background
2. Objective
3. Proposed Plan Text & Map Changes
4. Applicable Criteria
5. Conclusion



Master Plan Purpose

- Required by law to analyze the existing water system with a 20-year outlook
- Projects future demands and system needs based on growth
- Identifies capital projects to meet current and future needs
- Determines rates needed to construct projects



Background

- The current Water Master Plan was adopted in 2013.
- Since that time, Tualatin has seen continued infill development and the addition of the Basalt Creek Plan Area.
- These changes prompted the need for an updated master plan to ensure Tualatin can continue to provide water for current and future needs.
- The 2023 Water Master Plan addresses infrastructure needs to accommodate the Basalt Creek and SW Industrial Areas in addition to existing customers.



Tualatin's Water System

COLUMBIA SOUTH SHORE WELL FIELD

Groundwater from the the well field is used as a secondary source and provides supplemental supply during the high-demand summer season.

BULL RUN LAKE

Surface water from Bull Run Lake is Tualatin's primary water source.

PRESSURE ZONES

A-LEVEL RESERVOIRS:
295 FT.

B-LEVEL RESERVOIRS:
399 FT.

C-LEVEL RESERVOIRS:
506 FT.

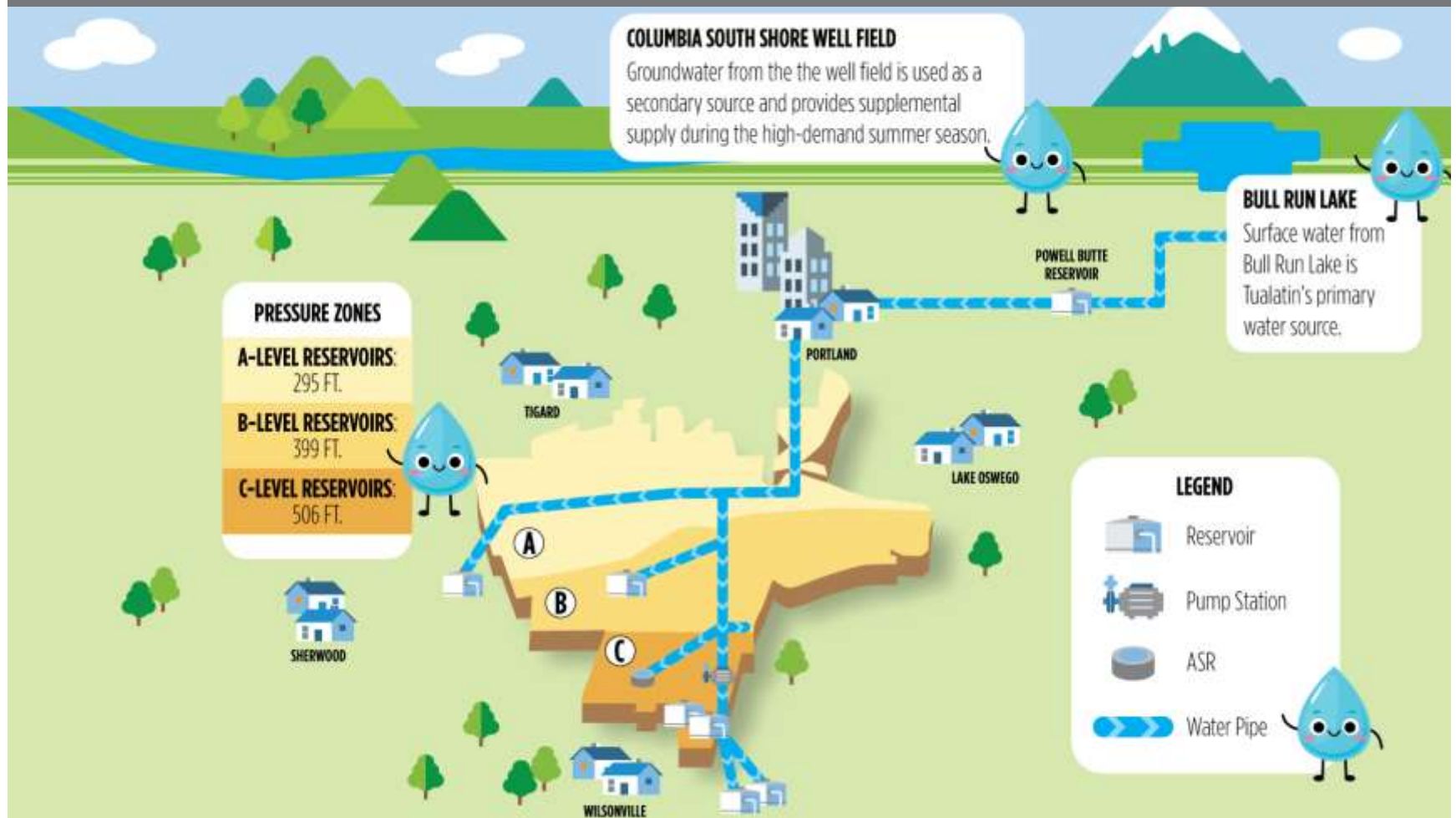
LEGEND

Reservoir

Pump Station

ASR

Water Pipe





Objective

- Adopt the 2023 Water Master Plan and make corresponding updates to Comprehensive Plan Chapter 9 and Development Code 74.610 to meet with the values of:
 - Providing safe, high-quality water
 - Providing for future water needs
 - Providing a resilient water system to reduce the risk posed by natural disaster events



Amended Plan Text

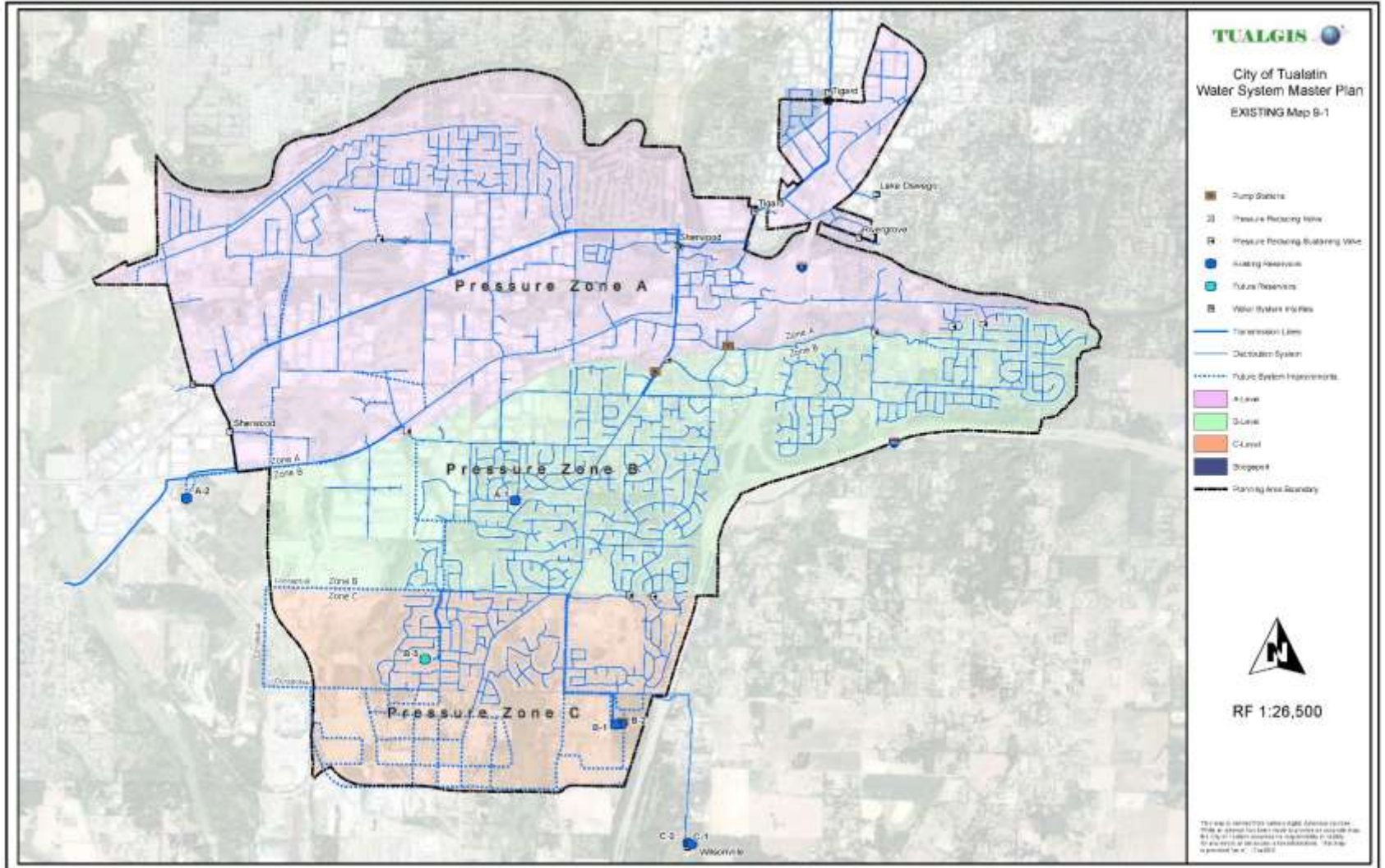
GOAL 9.1 Water Quality. Provide safe, high-quality water to all customers.

GOAL 9.2 Water Supply. Provide a reliable and economical supply of water to meet current and future needs.

GOAL 9.3 Resiliency. Provide a resilient water system to reduce risk posed by natural disaster events.

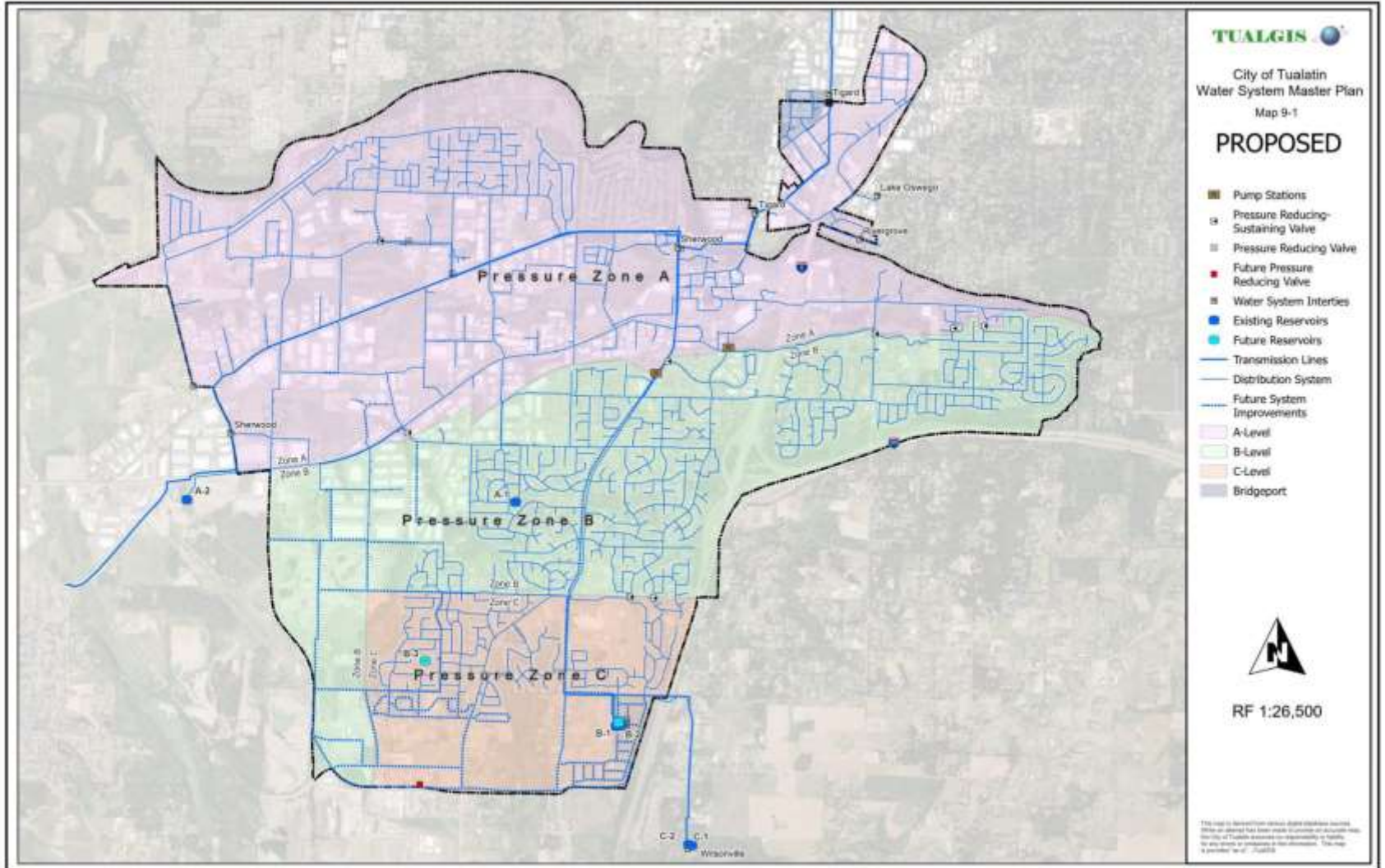


Plan Map Amendment: Existing





Plan Map Amendment: Proposed





Applicable Criteria

- Statewide Planning Goals
- Oregon Administrative Rules
- Tualatin Development Code: Chapter 33.070
Plan Amendments



Conclusion and Recommendation

- The findings demonstrate that the proposal meets the applicable criteria.
- Staff recommends the Tualatin Planning Commission forward a recommendation of approval of the 2023 Water Master Plan and the proposed amendments (PTA 23-0002/PMA 23-0002) to the City Council.