

RESOLUTION NO. 3275

A RESOLUTION ADOPTING THE 2021 INTEGRATED WATER SYSTEM MASTER PLAN

Findings

- A. The water system of the City of Bend (City) provides reliable, high quality water and service to customers.
- B. The City operates a public drinking water system within the City of Bend, that supplies water to its customers from both surface and ground water sources.
- C. The Integrated Water System Master Plan (the iWSMP) evaluates the ability of the City's water system to meet desired Level of Service Standards under existing and future conditions. It is a comprehensive update resulting in a complete Water Master Plan as defined under Chapter 333, Division 61 of the Oregon Administrative Rules (OAR). City engineering and legal staff will be further reviewing the need to submit the updated iWSMP to OHA for approval in compliance with OAR 333-061-0060, and will do so as required.
- D. The last water master planning effort at the City was conducted in 2007 (the Water System Master Plan Update, Final report), and the Water System Master Plan Update Optimization Study in 2011, and yielded a 10-year capital implementation plan to the year 2020. This updated iWSMP is intended to build upon previous master plans, incorporate the latest changes to growth and maintenance needs of the system, and continue to build upon the successful completion of prior Capital projects.
- E. The system is robust; having both surface and groundwater supply sources provides a system that is resilient, reliable and supplies high-quality drinking water. Adding pretreatment to the surface water supply will increase its resilience and reliability.
- F. The City's water system includes existing extensive infrastructure that requires significant investment to address deferred maintenance in facilities and pipe to extend its useful life.
- G. The City's water needs are projected to continue increasing, requiring investments in new pipe, storage, and wells.
- H. Optimization hydraulic modeling was used to test millions of solutions to improve system performance for lower cost.
- I. Reductions in water use from increased conservation measures could decrease the required investment in new infrastructure.
- J. To implement the \$391 million (2020 dollars) in improvements, the iWSMP includes a 30-year financial plan that identifies a need to use existing reserves, raise customer water rates, and issue new bonds.

- K. The implementation of the iWSMP moving forward should be informed by the current system conditions and include detailed project designs, refinements to costs and budget, and regular updates to system data.
- L. In May 2021, the City Council held an informational work session where City staff provided a water system overview, water conservation efforts to date, a summary of the engineering, technical, and modeling work that went into developing the iWSMP, and preliminary outreach results.
- M. Council gave direction to Staff to create an online Open House with a short survey for community members to share their thoughts on the iWSMP. Council further directed that further discussions related to water conservation efforts should continue separately through the end of the year with the Environment & Climate Committee (ECC).
- N. With this direction, the City of Bend hosted an online Open House for the iWSMP from June 28 through August 6, 2021. The Open House included a 5-minute community survey to gather feedback on priority values for water system and water conservation planning. Two hundred twenty survey responses were collected.
- O. Based on results of the community outreach efforts, the City found a high level of interest from the public in exploring opportunities for additional conservation efforts. Therefore, over the next several months, City staff will be engaging with the ECC and interested public to explore additional conservation possibilities, and will bring options back to the City Council based on the ECC recommendations.

Based on these findings,

THE CITY COUNCIL OF THE CITY OF BEND RESOLVES AS FOLLOWS:

1. The 2021 Integrated Water System Master Plan is adopted.
2. By this adoption, Council authorizes any minor, clarifying or needed changes/amendments to the iWSMP as a result of review, if needed, of the iWSMP by the Oregon Health Authority, without further Council approval.
3. The resolution takes effect immediately upon adoption.

Adopted by City Council on October 6, 2021

YES: Mayor Sally Russell
Mayor Pro Tern Gena Goodman-Campbell
Councilor Barb Campbell
Councilor Melanie Kebler
Councilor Anthony Broadman
Councilor Megan Perkins
Councilor Rita Schenkelberg

NO:



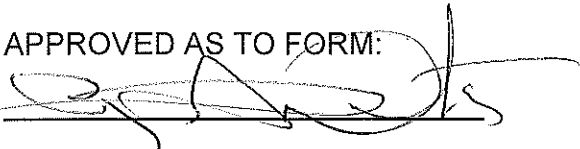
Sally Russell, Mayor

ATTEST:



Robyn Christie, City Recorder

APPROVED AS TO FORM:



Mary Winters, City Attorney