

**CITY OF SILVERTON**  
**ORDINANCE**  
**21-01**

**AN ORDINANCE OF THE SILVERTON CITY COUNCIL APPROVING A COMPREHENSIVE PLAN AMENDMENT (CP-21-01) TO ADOPT THE 2021 SILVERTON WATER MASTER PLAN AS A SUPPORT DOCUMENT TO THE COMPREHENSIVE PLAN**

**WHEREAS**, the Silverton Public Works Department at the direction of the Silverton City Council determined there is a need to update the Water System Plan to accommodate projected growth and provide specific information for planning water systems and capital funding methods; and

**WHEREAS**, the Plan presents findings and recommendations relating to the Silverton Water Master Plan. This report incorporates findings from previously completed planning studies; and

**WHEREAS**, after proper legal notice, a public hearing before the Planning Commission to consider this Comprehensive Plan Amendment to adopt the 2021 Silverton Water Master Plan as a support document to the Comprehensive Plan was held on February 9, 2021; and

**WHEREAS**, after proper legal notice, a public hearing before the City Council to consider this Comprehensive Plan Amendment to adopt the 2021 Silverton Water Master Plan as a support document to the Comprehensive Plan was held on April 5, 2021 to take testimony on the plan.

**NOW, THEREFORE, THE CITY OF SILVERTON ORDAINS AS FOLLOWS:**

Section 1: The City Council finds that the proposed amendment CP-21-01 are consistent with the goals and policies of the Silverton Comprehensive Plan and the Oregon Statewide Planning Goals as described in the Staff Report and the Findings attached as Exhibit A.

Section 2: The City Council of the City of Silverton adopts the 2021 Water Master Plan as a support document to the 2002 Silverton Comprehensive Plan, which by this reference is incorporated herein.

Section 3: This ordinance shall be effective upon and from 30 days of adoption.

Ordinance adopted by the City Council of the City of Silverton, this 5<sup>th</sup> day of April, 2021.

  
\_\_\_\_\_  
Mayor, City of Silverton  
Kyle Palmer

ATTEST

  
\_\_\_\_\_  
City Manager Pro Tem/Recorder, City of Silverton  
Bob Willoughby

**EXHIBIT A**  
**CP-21-01**

**The City Council of the City of Silverton adopts the following findings:**

1. The City of Silverton owns and operates a water system that serves approximately 10,500 residents primarily within Silverton's city limits. Water is conveyed from Abiqua Creek and Silver Creek to the City's Water Treatment Plant. Water from the two sources is mixed prior to treatment. The treatment plant consists of two parallel treatment systems dating back to the 1950s and 1980s. Both treatment systems include conventional filtration, and all water is treated with an on-site chlorine generation system.
2. From the Water Treatment Plant, water is delivered to customers via a network of pipelines. Booster facilities pump water to upper pressure zones. Three reservoirs provide 4.45 million gallons of storage.
3. This report presents findings and recommendations relating to the Silverton Water Master Plan. This report incorporates findings from previously completed planning studies.
4. The Goal of the Public Facilities and Services element of the Comprehensive Plan is to "Provide orderly and efficient public facilities and services to adequately meet the needs of Silverton residents." One of the objectives of the element is to "Protect the general health of local residents by providing adequate storm sewerage, sanitary sewerage collection, and treatment, solid waste disposal, and water treatment and distribution." The purpose of the water master plan is to determine the current state of the water system and to plan for future needs that would bring the city in compliance with OAR 333-061-0060 (5) as required by the Oregon Department of Human Services.
5. The goal of the Citizen Involvement element of the Comprehensive Plan is to "Insure that the citizens of Silverton and those residents in the planning area have an opportunity to be involved with all phases of the planning process." The Water Master Plan is being adopted through a process that entails at least two public hearings that allow citizen input.
6. Historical production data were used to determine the average annual, average winter, average summer, peak month, and peak day demands. Plant production data was estimated using plant influent data and typical treatment process wasting rates provided by City staff. Peak hour demands were also estimated using a 24-hour demand pattern developed from actual summertime water usage patterns observed in the City's supervisory control and data acquisition (SCADA) data.
7. Water demands from 2017 – 2019 were compared with the water consumption data from 2006 and 2007 used in the 2011 WMP. The highest annual usage of the five years was 2006 and 2007 was third highest usage. Another factor in future water projections is Silverton's largest water user, Bruce Pac, will be closing their facility permanently in December of 2020. In 2019 Bruce Pac represented 12% of the annual consumption for Silverton. The 2021 plan has reviewed the current and historical trends and provides an update to meet the changing conditions.
8. The 2011 Water Master Plan was due to be updated to be able identify the needed

improvements to the system as reflected over 10 years of growth and usage. Updating the Water Master Plan, which includes the Capital Improvement Plan (CIP) provides the City an opportunity to list all the needed improvements in a prioritized list which the City can then insert into the System Development Charge methodology to start collecting funds to fund the projects.

9. The prioritization schedule in the CIP was established by consulting with City staff and reviewing the 2011 Plan. Priority 1 projects generally correct deficiencies in storage, treatment, pumping, backup/redundancy delivery, distribution pipelines with little anticipated remaining life, and priority commercial fire protection. Priority 2 improvements focus on additional fire protection, improved transmission, additional high maintenance areas, treatment plant improvements, and some additional improvements that will be required to service future growth. Priority 3 improvements are intended to provide a roadmap for future development and pipeline replacement projects, and further improve transmission and fire protection.
10. Findings have been made for all of the applicable Code sections. The proposed comprehensive plan amendment meets all applicable Silverton Development Code Review Criteria and Standards.
11. The Planning Commission met in a Public Hearing on February 9, 2021 and recommended the City Council approve the proposed Comprehensive Plan Amendment.