

IMPACT STATEMENT

Date: November 20, 2018

Council Date: December 12, 2018

Legislation Title: Authorize the Water Bureau's Preferred Alternatives to plant capacity, location and filtration technology for the Bull Run Filtration Project (Resolution)

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Teresa K. Elliott, P.E., Chief Engineer
Michael Stuhr, P.E., Administrator

Purpose of proposed legislation and background information:

The purpose of the Resolution is to authorize the Water Bureau's Preferred Alternatives to plant capacity, location, and filtration technology for the Bull Run Filtration Project as documented in the Executive Summary attached as Exhibit A.

In August 2017, City Council approved Resolution No. 37309 to comply with Oregon Health Authority's (OHA) order to treat drinking water from the Bull Run Watershed for *Cryptosporidium*, as required by the Long Term 2 Enhanced Surface Water Treatment Rule (LT2), by submitting a compliance plan and proceeding with planning, design, and construction of a filtration plant.

In September 2017, Portland Water Bureau initiated the Bull Run Filtration Project and identified, as part of the pre-planning task of the Planning Phase, four key questions related to filtration of the Bull Run water supply: project delivery (procurement) method, plant capacity, location, and filtration technology.

In December 2017, OHA and the Water Bureau signed a bilateral compliance agreement and established a compliance schedule for meeting the requirements of LT2 that requires a filtration facility to be operational by September 30, 2027.

The Water Bureau facilitated an extensive public outreach campaign and evaluated four key questions. The Water Bureau determined preferred alternatives with the aid of a decision-making framework as well as stakeholder and community values identified through the public outreach process.

In August 2018, the Water Bureau shared its four preferred alternatives with City Council and the public at a City Council work session. The process and alternative evaluations used to arrive at the preferred alternatives are documented in the Executive Summary attached to the Resolution as Exhibit A. The Water Bureau (1) identified a preferred procurement method of Construction Management/General Contractor; (2) identified a preferred filtration plant capacity range of 145 million gallons per day (mgd) to 160 mgd, with a target of 160 mgd; (3) identified a preferred filtration plant location at Carpenter Lane; and (4) a preferred filtration technology of granular media filtration.

In August 2018, City Council approved Ordinance No. 189146 authorizing an exemption to the competitive bidding requirements and authorized use of alternative procurement

Financial and budgetary impacts:

The proposed legislation will not create, eliminate, or re-classify any positions now or in the future.

Community impacts and community involvement:

The Water Bureau facilitated an extensive public outreach campaign through online surveys, social media, stakeholder interviews, and a community forum to answer questions and hear community feedback on the Bull Run Filtration Project.

100% Renewable Goal:

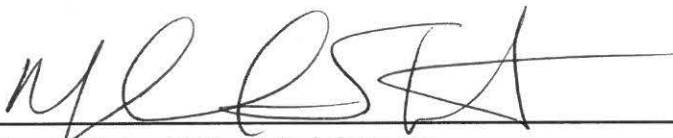
This action does not increase or decrease the City's total energy use. This action does not increase or decrease the City's renewable energy use.

Budgetary Impact Worksheet

Does this action change appropriations?

- YES: Please complete the information below.
- NO: Skip this section

Fund	Fund Center	Commitment Item	Functional Area	Funded Program	Grant	Sponsored Program	Amount



 Michael Stuhr, P.E., Administrator 11/26/18
Date