

## IMPACT STATEMENT

**Legislation title:** Authorize contract with Jacobs Engineering Group, Inc. for Design Services for the Bull Run Pipeline Project for \$29 million (Ordinance; Contract No. 30007505)

**Contact name:** David Peters, Kathleen Brenes-Morua

**Contact phone:** (503) 823-2003 and (503) 823-2506

**Presenter name:** Kathleen Brenes-Morua, Design & Construction Procurement Manager  
Gabriel Solmer, Director  
Jodie Inman, P.E., Principal Engineer  
David Peters, P.E., Program Manager

**Purpose of proposed legislation and background information:**

In 2006, the U.S. Environmental Protection Agency (EPA) issued a federal drinking water rule called the Long Term 2 Enhanced Surface Water Treatment Rule (LT2) that required water utilities to treat for the pathogen *Cryptosporidium*. In 2009, the Portland Water Bureau presented LT2 compliance options to the Portland City Council and were directed to pursue a variance to the rule (Resolution 36720). In 2012, the Portland Water Bureau obtained a 10-year variance from Oregon Health Authority (OHA) subject to a set of conditions that included maintaining an exceptionally low concentration of *Cryptosporidium* in ongoing raw water sampling.

Between January and March 2017, a total of 19 *Cryptosporidium* oocysts were found in 14 water samples from the Bull Run Watershed. In May 2017, OHA informed the City that the variance would be revoked as a result of a series of low-level detections of *Cryptosporidium* in January through March of 2017.

The Portland Water Bureau reviewed treatment options with Portland City Council and community partners. In August 2017, Portland City Council voted to build a water filtration treatment facility to meet the treatment requirements for *Cryptosporidium*. On December 18, 2017, the Portland Water Bureau entered into a Bilateral Compliance Agreement with OHA. Three key milestones were identified in the compliance agreement as follows:

1. Submission of pilot study and preliminary plan to OHA: November 30, 2020
2. Submission of construction plans and schedule to OHA: October 31, 2022
3. Compliance with *Cryptosporidium* treatment requirements: September 30, 2027

In August 2017, the Portland City Council voted to build a filtration water treatment plant (WTP) to meet the treatment requirements for *Cryptosporidium*. On December 18, 2017, OHA and the Portland Water Bureau signed a bilateral compliance agreement establishing a compliance schedule for meeting the requirements of LT2. The compliance schedule gives the Portland Water Bureau just under 10 years to plan, design, and construct a WTP.

The Portland Water Bureau is undertaking projects under the Bull Run Treatment Program (Program) to meet federal regulations and continue its mission of providing safe and reliable water service to customers. The Program includes constructing a filtration WTP as part of the Bull Run Filtration Project to enter traditional compliance with the Long Term 2 Enhanced Surface Water Treatment Rule (LT2) requirements. This will require constructing new large diameter pipelines and related appurtenances that connect the existing conduit system to the proposed WTP. These large diameter pipelines and related appurtenances will be designed and constructed as part of the Bull Run Pipeline Project.

**Financial and budgetary impacts:**

The total for this contract is \$29,000,000. The current estimated project (W02563) total is \$209,000,000. The Bull Run Pipeline Project is at a low confidence level.

The Bull Run Pipeline Project is part of the Bull Run Treatment Program and approximately \$7,600,000 has been requested for FY 2021-22. Approximately \$201,400,000 will be requested in FY 2022-23 through FY 2026-27 Budgets. No change in the forecasted water rates is anticipated at this time for the design of the Bull Run Pipeline Project.

**Community impacts and community involvement:**

The City shares the community's values regarding the need to balance the cost, public health, current and future regulatory compliance, and system resilience considerations of water treatment options in a responsible and prudent manner.

The Portland Water Bureau has hosted and provided a variety of public engagement mechanisms and opportunities to provide information to, and gather information from, its customers. Information about the Bull Run Pipelines Project is already being shared, and will continue to be shared, with businesses and residential neighborhoods potentially impacted during the construction phase. Discussions with adjacent neighbors is an ongoing conversation and we will continue to make these connections through a range of channels and outreach tools, including for this important work.

Since 2018, the Portland Water Bureau has launched an extensive public outreach and communications effort including both public and adjacent community meetings and events, digital outreach, and media relations activities, dedicating staff and consultant resources solely for outreach and communications activities for this Program. The Portland Water Bureau uses, and will continue to use, the Filtration Project and Filtration Neighbors webpages, an updated frequently asked questions website, social media, e-newsletters, press releases, the Annual Water Quality Report, a range of mailers and postcards, and one-on-one meetings with property owners throughout the duration of the projects supporting the Bull Run Treatment Program.

**100% Renewable Goal:**

This action does not affect the City's total energy use. This action does not affect 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