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 Michael Stuhr, P.E., Administrator  
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## IMPACT STATEMENT

**Date:** March 6, 2019

**Council Date:** April 24, 2019

**Legislation Title:** Authorize a contract with the lowest <sup>responsible</sup> responsive bidder and provide payment for the construction of the Dam 1 Needle Valve Replacement Project at an estimated cost of \$2,000,000 (Ordinance)

**Contact Name:** Jodie Inman, P.E. Principal Engineer

**Contact Phone:** (503) 823-1289

**Presenter Name:** Teresa Elliott, P.E., Chief Engineer

### Purpose of proposed legislation and background information:

The purpose of this legislation is to authorize a contract for the construction of the Dam 1 Needle Valve Replacement Project (Project). The Water Bureau requires the replacement of the existing three (3) Larner-Johnson Needle Valves located on the south face of Dam 1 in the Bull Run Watershed.

The existing valves are antiquated, leak, and are difficult to open and close. The valves in their current configuration require staff to stand on top of them while physically opening and closing the valves. These valves in other installations have catastrophically failed while operating causing significant life/safety risk to staff. The bureau will install three (3) new fixed cone valves with hoods and electric operated actuators to replace the existing needle valves.

### Financial and budgetary impacts:

The engineer's estimate for this contract action is \$2,000,000. Funding for this procurement action is requested as part of the FY 2019-20 Water Supply Program. Funding is from a combination of net proceeds from revenue bond sales, water sales revenue, and other construction fund revenues. The proposed action will not result in a change in the forecast water rates.

The total estimated cost for Project W02001 is \$3,795,000 and additional construction budget will be requested for FY 2020-21. The current project confidence is moderate.

**Community impacts and community involvement:**

This Project will not impact any residential neighbors as this Project is located inside the Bull Run Watershed. Updates for the Project have been posted on the Quarterly Update Project matrix available to the public on the Water Bureau website.

**100% Renewable Goal:**

The new valves will run on electricity, will be safer for staff and will require less maintenance. This Project will reduce fossil fuel use by our operations staff.

**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



5/20/19

Michael Stuhr, P.E., Administrator

Date