

IMPACT STATEMENT

189118

Date: July 2, 2018

Council Date: August 8, 2018

Legislation Title: Authorize a Joint Funding Agreement with U.S. Geological Survey in the amount of \$1,623,235 for Streamflow and Water Quality Monitoring (Ordinance)

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Presenter Name: Edward Campbell, Resource Protection Group Manager
Kristin Anderson, Environmental Specialist

Purpose of proposed legislation and background information:

This legislation will authorize a Joint Funding Agreement between the Water Bureau and the United States Geological Survey (USGS). This Joint Funding Agreement will maintain a cooperative program between the Water Bureau and the USGS to conduct hydrologic monitoring in the Bull Run Watershed for a period of five years beginning October 1, 2018.

The monitoring will include the measurement and recording of stream flow rates, reservoir levels, and selected water quality variables and will be used to evaluate water quantity and quality in the Bull Run Watershed. The bureau uses this data to inform operations activities in the watershed, and the jointly operated monitoring stations serve as the locations for Long Term 2 Enhanced Surface Water Treatment Rule (LT2) interim measures upstream monitoring. Monitoring data from the stations is in part required to determine compliance with Federal Energy Regulatory Commission requirements for the Bull Run Dams and is also required for compliance with streamflow and temperature provisions of the Habitat Conservation Plan, which is the City's approved method of complying with the Endangered Species Act and the Clean Water Act.

An added monitoring station downstream of Dam 2 is being considered by the City. This station would bring improved precision to dam operations and value to investigation of reservoir temperature dynamics. This new station may be added to the overall project as determined by the City and it is included in the total budget; however,

it is not to be charged for until or unless a decision is made to move forward with installation of the station.

Financial and budgetary impacts:

The total cost for services provided by this Joint Funding Agreement will not exceed \$1,623,235. The Water Bureau's contribution for the five-year term of the agreement will be \$1,026,020. The U.S. Geological Survey will contribute \$551,135 and the Federal Streamgange Network will provide \$46,080. The Water Bureau's portion of the program costs for FY 2018-19 is \$153,903. Funding is available in the FY 2018-19 Budget and additional funds will be requested in the FY 2019-20 through FY 2023-24 Budgets. No positions will be created or eliminated in the current or future years as a result of this legislation.

Community impacts and community involvement:

Public involvement was not included in the development of this agreement. The non-controversial and basic nature of this work represents a continuation of required monitoring which has occurred for over 40 years. The extension to this agreement represents the continuation of basic services provided by the USGS since 1972. The USGS is nationally recognized as the only entity that can provide very reliable, quality-assured stream monitoring services that is handled consistently with nationwide data. Data provided by USGS are fundamental to operations and supply planning of the Bull Run Watershed. The City's compliance with Federal Energy Regulatory Commission requirements and the Endangered Species Act and Clean Water Act rely in part on this data which needs to be of high quality.

There are no anticipated community impacts. The work takes place within the Bull Run Watershed, which is not open to public access. No groups are expected to testify.

100% Renewable Goal:

This action is not expected to change the City's total energy use, nor its renewable energy use. Renewable energy elements are already in place at sites where feasible (solar panels).

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

Gabriel Solmer

7/2/18

for Michael Stuhr, P.E., Administrator

Date