



Folsom City Council Staff Report

MEETING DATE:	2/28/2023
AGENDA SECTION:	Consent Calendar
SUBJECT:	Resolution No. 10991 – A Resolution Authorizing Appropriation of Funds in the Water Impact Fee Fund for the Folsom Reservoir Raw Water Delivery Reliability Project
FROM:	Environmental and Water Resources Department

RECOMMENDATION / CITY COUNCIL ACTION

The Environmental and Water Resources Department recommends that the City Council pass and adopt Resolution No. 10991 – A Resolution Authorizing Appropriation of Funds in the Water Impact Fee Fund for the Folsom Reservoir Raw Water Delivery Reliability Project.

BACKGROUND / ISSUE

Presently, San Juan Water District (SJWD), the City of Roseville (Roseville), and the City of Folsom (Folsom), through an existing 84-inch intake pipeline and associated pumping plant, can take raw water from Folsom Lake near the main concrete dam at Folsom Reservoir. This intake also provides raw water to Folsom State Prison. The existing raw water system has been operating without major interruption or outages. Since there is not a current backup system in place for raw water supply, the three water agencies, the Bureau of Reclamation (Reclamation), and the United States Army Corps of Engineers (USACE) completed a Project Alternatives Solutions Study (PASS) in 2006 to identify potential redundant systems that could bring raw water to the agencies if unplanned outages were to occur again.

On January 11, 2022, the Folsom City Council approved Resolution No. 10784 authorizing the City Manager to enter into an agreement with Stantec Consulting Services for the Folsom Reservoir Raw Water Delivery Reliability Project. During the initial phases of the feasibility study, Stantec identified an option for a pipeline alignment that could utilize Folsom Lake Crossing to physically support a raw water pipeline across the American River to deliver raw water to the City. Additional analysis is necessary to determine if the existing bridge crossing can support the raw water pipeline.

This resolution will authorize an appropriation of funds in the Water Impact Fee Fund for the Folsom Reservoir Raw Water Delivery Reliability Project.

POLICY / RULE

In accordance with Chapter 3.02.030H of the Folsom Municipal Code, supplemental appropriations may be made by the City Council.

ANALYSIS

The budget for fiscal year 2022-23 was developed in early 2022. At that time, it was anticipated that a total of \$155,000 would be sufficient to cover the Folsom Raw Water Delivery Reliability Project and the Non-Potable Water Master Plan. The additional analysis for the Raw Water Delivery Reliability Project exceeded initial budget expectations. Initial funding in Fund 456 (Water Impact Fee Fund) is not sufficient to cover the costs of the additional analysis needed for Fiscal Year 2022-23.

During the development of alternatives to deliver raw water to the City of Folsom, Stantec Consulting Services identified several raw water pipeline alignments to deliver raw water from Folsom Reservoir or the American River to the City. Two of these alternatives included the potential to use the Folsom Lake Crossing bridge to carry the raw water pipes. In order to determine if this is feasible, Stantec recommended that a feasibility study be completed by the bridge designer to determine the feasibility of attaching the raw water pipeline to the bridge. The feasibility study should include:

- Evaluation of the bridge design capacity to carry the loads of the raw water pipeline.
- Evaluation of two potential locations to attach the pipeline, one being the bridge deck overhangs, and the other being the exterior girders of the bridge.
- Evaluate the potential impacts to the bridge if the bridge is used to carry the raw water pipeline.
- Develop preliminary concept-level raw water line support details.
- Develop a technical memorandum summarizing the results of the feasibility study.

The EWR Department is requesting to appropriate \$65,000 from the Water Impact Fee Fund balance (Fund 456) to cover the increased anticipated costs for the remainder of the fiscal year to conduct the feasibility study.

FINANCIAL IMPACT

The Water Impact Fee Fund (Fund 456) budget of \$155,000 has covered costs through the first half of Fiscal Year 2022-23 for the Folsom Raw Water Delivery Reliability Project and the Non-Potable Water Master Plan, but funding for the remainder will require an additional appropriation of \$65,000. There are sufficient funds available in the Water Impact Fee Fund (Fund 456) for this appropriation from fund balance.

ENVIRONMENTAL REVIEW

This project is a study and therefore is categorically exempt from environmental review under the California Environmental Quality Act as noted in Title 14 - California Code of Regulations, Chapter 3 - Guidelines for Implementation of the California Environmental Quality Act, Article 19 - Categorical Exemptions, Section 15301 – Existing Facilities.

ATTACHMENT

Resolution No. 10991 – A Resolution Authorizing Appropriation of Funds in the Water Impact Fee Fund for the Folsom Reservoir Raw Water Delivery Reliability Project

Submitted,

Marcus Yasutake, Director
ENVIRONMENTAL AND WATER RESOURCES DEPARTMENT

RESOLUTION NO. 10991

A RESOLUTION AUTHORIZING APPROPRIATION OF FUNDS IN THE WATER IMPACT FEE FUND FOR THE FOLSOM RESERVOIR RAW WATER DELIVERY RELIABILITY PROJECT

WHEREAS, the Cities of Folsom and Roseville and San Juan Water District identified that the planning and feasibility study for this project is critical to ensuring raw water delivery to our agencies for treatment and delivery to all water customers; and

WHEREAS, additional consulting services are required to perform a feasibility analysis for a raw water pipeline alignment on Folsom Lake Crossing bridge; and

WHEREAS the FY 2022-23 Water Impact Fee Fund budget is insufficient to cover the increased anticipated costs for the remainder of the fiscal year; and

WHEREAS, an appropriation in the amount of \$65,000 is needed for the remainder of Fiscal Year 2022-23 and funds are available in the Water Impact Fee Fund (Fund 456); and

WHEREAS, any associated agreements, where applicable, will be in a form acceptable to the City Attorney;

NOW, THEREFORE, BE IT RESOLVED that the City Council of the City of Folsom authorizes the additional Appropriation of Funds in the amount of \$65,000 in the Water Impact Fee Fund (Fund 456).

BE IT FURTHER RESOLVED that the Finance Director is authorized to appropriate an additional \$65,000 in the Water Impact Fee Fund (Fund 456) for the Folsom Reservoir Raw Water Delivery and Reliability Project.

PASSED AND ADOPTED this 28th day of February, 2023, by the following roll-call vote:

AYES: Councilmember(s):
NOES: Councilmember(s):
ABSENT: Councilmember(s):
ABSTAIN: Councilmember(s):

Rosario Rodriguez, MAYOR

ATTEST:

Christa Freemantle, CITY CLERK