



## Folsom City Council Staff Report

<b>MEETING DATE:</b>	4/22/2025
<b>AGENDA SECTION:</b>	Consent Calendar
<b>SUBJECT:</b>	Resolution No. 11358 - A Resolution Authorizing the City Manager to Execute an Agreement with Water Works Engineers, LLC for the City's Sanitary Sewer Master Plan
<b>FROM:</b>	Environmental and Water Resources Department

### **RECOMMENDATION / CITY COUNCIL ACTION**

The Environmental and Water Resources Department recommends the City Council pass and adopt Resolution No. 11358 - A Resolution Authorizing the City Manager to Execute an Agreement with Water Works Engineers, LLC for the City's Sanitary Sewer Master Plan.

### **BACKGROUND / ISSUE**

In 2017 the City of Folsom updated its Sewer Collection System Evaluation, Capacity Assurance and Capital Plan (SECAP). The evaluation included a significant expansion of the earlier hydraulic model to include approximately 252 miles of the City sewer system. The hydraulic model used the City's standard design storm with a 10-year return, 6-hr duration and is used to evaluate both pump and pipeline capacity to ensure the sewer system has the necessary capacity to operate without impacts to the public or the environment.

The intent of the SECAP is to prevent sewer spills by identifying system hydraulic capacity deficiencies including identification of areas with high inflow and infiltration into the sewer system. Steps are then taken to establish short- and long-term capital improvement projects (CIPs) to address identified hydraulic deficiencies and develop a schedule for implementing the CIP.

The updated State Water Resources Control Board (SWRCB) General Waste Discharge Requirements (GWDR) Order WQ 2022-0103-DWQ for Sanitary Sewer Systems, which went into effect on June 5, 2023, requires the City to update the SECAP and develop a Sanitary Sewer Master Plan. In addition to developing the Sanitary Sewer Master Plan, the City is required to develop a

process that assists the City in prioritizing projects based on the potential consequence of a sewer spill.

In February 2025, the City issued a request for proposals for Consulting Services for the Preparation of a Sanitary Sewer Master Plan. The scope of work request included the following:

1. Review Existing City Information.
2. Develop Land Use Planning Information.
3. Update land-use information based on recently adopted General Plan Amendments.
4. Identify various infrastructure funding opportunities for sewer projects.
5. Evaluate funding mechanisms for the specific overlay areas included in the 2024 amendments to the General Plan and Folsom Plan Area Specific Plan related to increased residential density.
6. Develop Design Flow and Hydraulic Criteria.
7. Hydraulic Model Flow Loading and Initial Model Run.
8. Wastewater Flow Data Analysis and Model Calibration.
9. Capacity Assessment and Sensitivity Analysis.
10. Update the SECAP.
11. Develop Project Prioritization based upon severity of consequences of potential spills.
12. Develop a Five-Year Capital Improvement Project Plan and Cost Estimate.
13. Develop Flow Monitoring locations for the Folsom Plan Area.
14. Prepare and Submit Draft and Final Sanitary Sewer Master Plan.

This resolution will authorize the City Manager to execute an agreement with Water Works Engineers, LLC for the City's Sanitary Sewer Master Plan.

### **POLICY / RULE**

In accordance with Chapter 2.36 of the Folsom Municipal Code, supplies, equipment, services, and construction with a value of \$75,049 or greater shall be awarded by City Council.

### **ANALYSIS**

On February 3, 2025, the City issued a Request for Proposal (RFP) to provide consulting services for the preparation of a Sanitary Sewer Master Plan. The City publicly advertised on February 3, 2025 for the Request for Proposal through the Sacramento Bee. Additionally, the RFP was made available on [www.virtual-bid.com](http://www.virtual-bid.com), [www.publicpurchase.com](http://www.publicpurchase.com), the City's website and the RFP notification was also e-mailed directly to twenty-five consultants.

The City received one proposal for the City's Sewer Master Plan. After reviewing the proposal for project understanding, deliverables, and project team staffing, the proposal was reviewed for project cost. The fee schedule for the scope of work outlined in the RFP from the consultant is shown in the table below:

<b>Consultant</b>	<b>Total</b>
Water Works Engineers, LLC	\$399,938

Water Works Engineers, LLC was determined to provide the best value to the City based on the scope of work provided in their proposal, the project team, their expertise for these types of projects, and the fee amount. Water Works Engineers, LLC included a detailed and thorough project understanding as well as past relevant hydraulic modeling, system evaluation and capacity assurance planning, and various master plans for multiple clients across the Western United States including two agencies within the greater Sacramento Region (City of Roseville and El Dorado Irrigation District). In addition to this, Water Works, LLC has completed multiple design projects for the City as well as several sewer capacity studies both north and south of Highway 50, including hydraulic modeling work associated with recent General Plan Amendments.

This resolution will authorize the City Manager to execute an agreement with Water Works Engineers, LLC for the City's Sanitary Sewer Master Plan in the amount of \$399,938.

### **FINANCIAL IMPACT**

Sufficient funds are budgeted and are available in the Wastewater Operating Fund (Fund 530) in FY 2024-25 to provide for this agreement.

### **ENVIRONMENTAL REVIEW**

Citywide sewer conveyance facilities have previously been evaluated at various levels of detail through previous environmental studies associated with the Folsom Area Plan, General Plan and recent amendments to the General Plan.

As part of the scope of work, the project team will prepare an administrative Initial Study (IS) based on State CEQA Guidelines Appendix G that will be the basis of the environmental document to be prepared. The incorporate the previous environmental analyses from the Folsom Area Plan, General Plan, and recent amendments to the General Plan to determine if the Sewer Master Plan improvements would create greater or new impacts to the environmental.

Should the results of the preparation of the administrative draft initial study identify that the environmental impacts of the Sewer Master Plan are adequately addressed in the environmental documents for the Folsom Plan Area, General Plan and recent amendments to the General Plan, an addendum to the General Plan EIR (as provided in State CEQA Guidelines Section 15164) will be prepared.

However, if land areas and/or sewer conveyance corridors where technical analysis of future proposed improvements result in new or greater environmental impacts than identified in previous environmental documents identified above, an Initial Study based on State CEQA Guidelines will be the basis of the environmental document to be prepared and is accounted for in the current scope of work. Upon receiving comments and edits of the Initial Study, an Initial Study Negative Declaration (IS/ND) or Initial Study/Mitigated Negative Declaration (IS/MND) will be prepared.

**ATTACHMENT**

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Submitted,

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Marcus Yasutake, Director  
ENVIRONMENTAL AND WATER RESOURCES DEPARTMENT