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## **TITLE**

American Canyon Sea Level Rise Vulnerability Adaption Plan Grant Execution

## **RECOMMENDATION**

Adopt a Resolution by City of American Canyon approving the Application for and/or Execution of Grant Funds from the Ocean Protection Council under the Safe Drinking Water, Water Quality and Supply, Flood Control, River and Coastal Protection Bond Act of 2006 (Proposition 84), Prop 68, Environmental License Plate Fund, Once Through Cooling, Greenhouse Gas Reduction Fund, and/or General Funds.

## **CONTACT**

Erica Ahmann Smithies, P.E., Public Works Director  
Norman Woods, Assistant Public Works Director

## **BACKGROUND & ANALYSIS**

The City of American Canyon is highly vulnerable to the impacts of Sea Level Rise (SLR) due to its low-lying location along the Napa River and San Pablo Bay. As sea levels rise, the community faces increasing risks from tidal flooding, storm surge, groundwater rise, and saltwater intrusion. These hazards threaten residential neighborhoods, transportation corridors, wetlands, critical infrastructure, and wastewater systems, with significant implications for public safety, environmental health, and economic stability.

Current projections indicate that sea levels in the region could rise by as much as 3.5 feet by 2100. Without proactive planning and investment, these changes are expected to exacerbate flood risks and accelerate infrastructure degradation. Addressing these challenges requires a coordinated, long-term approach grounded in the best available science.

As adopted in 2024, the San Francisco Bay Conservation and Development Commission (BCDC) requires all shoreline jurisdictions to prepare and adopt a Regional Shoreline Adaptation Plan (RSAP) by January 1, 2034. This mandate establishes a clear regulatory obligation for the City to evaluate sea level rise vulnerabilities and identify adaptation strategies.

To support jurisdictions in meeting these State-mandated requirements, California has made funding available through Senate Bill 1 (SB 1) which is overseen by the State of California Natural

Resources Agency's Ocean Protection Council (OPC). The City successfully applied for and was awarded \$383,070 in SB 1 grant funding to conduct a comprehensive sea level rise vulnerability assessment and develop a science-based adaptation plan. This funding provides critical financial assistance to advance work that the City is required to complete, which would otherwise place pressure on local resources.

The proposed work plan with OPC, will assess exposure, sensitivity, and adaptive capacity across key assets and systems. It will also identify prioritized strategies to reduce risk and enhance resilience. The objective is to provide the City with a scientifically sound, community-informed, and regionally aligned SLR Adaptation Plan. This plan will reduce long-term flood risk, protect critical infrastructure and ecosystems, and promote equitable climate resilience. This initiative is intended to align with Senate Bill 272, build upon the City's 2023 Climate Action Plan, and leverage regional partnerships.

Lastly, this project will ensure the City is on a clear and defensible path toward compliance with BCDC's RSAP requirements, positioning American Canyon to meet the 2034 deadline while advancing a regionally coordinated approach to shoreline resilience.

## **COUNCIL PRIORITY PROGRAMS AND PROJECTS**

Environmental Sustainability: "Demonstrate leadership in environmental sustainability."

## **FISCAL IMPACT**

There is no fiscal impact to the City budget with this action. However, the awarded grant funding in the amount of \$383,070.00 has been included in the proposed Fiscal Year 26/27 Operations Budget and will be reimbursed upon submitting eligible expenditures to the grant funding agency.

## **ENVIRONMENTAL REVIEW**

Not Applicable

## **COMMUNICATION**

Level 0: No Further Public Communication Needed

Zero communication is necessary at this time to execute the grant documents. However, there will be community engagement when the planning work begins.

## **ATTACHMENTS:**

- [1. Resolution - OPC Grant Execution](#)
- [2. OPC Work Plan Submission 4-24-26](#)