



# Strategic Water Supply Assessment

February 1, 2022



# Overview

- Background & Objectives
- Project Elements & Schedule
- Recommendation
- Next Steps

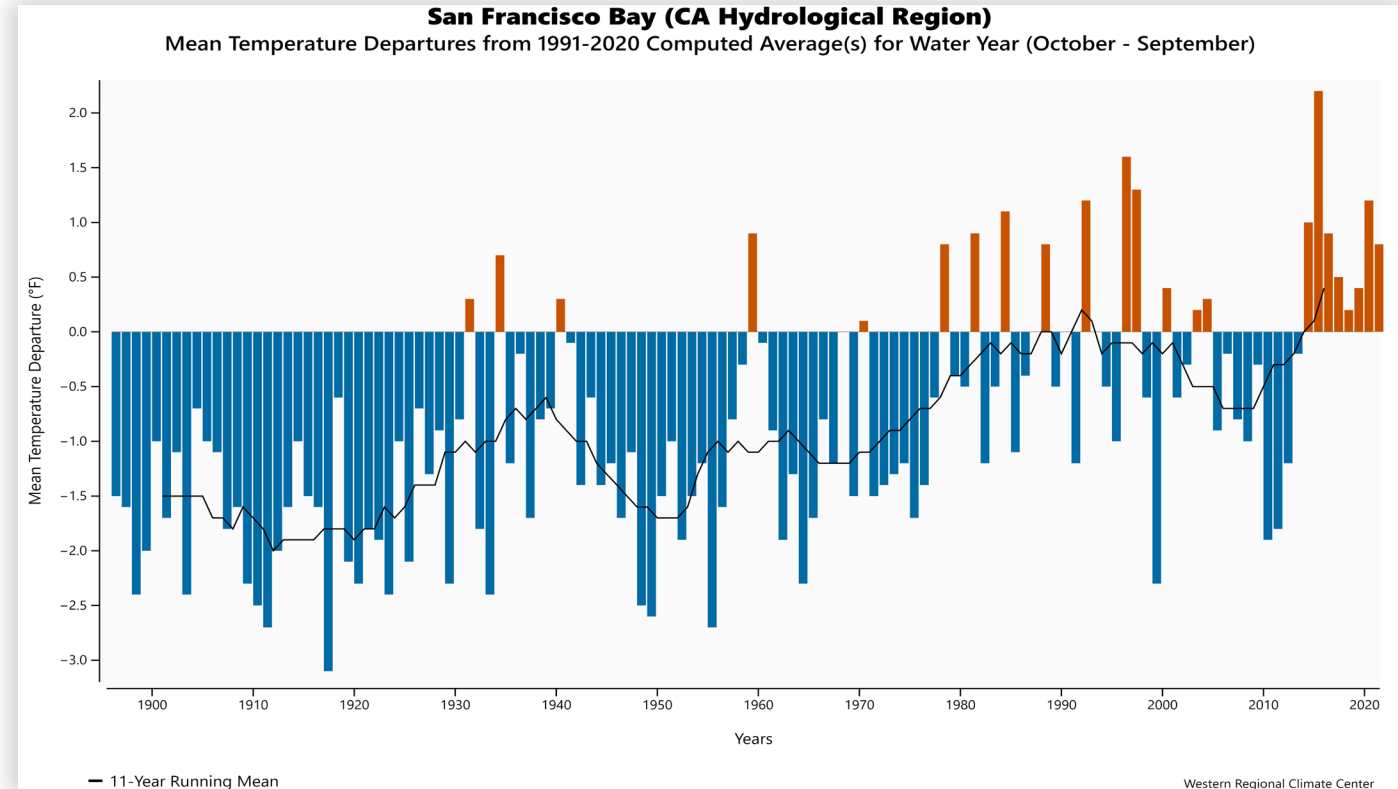
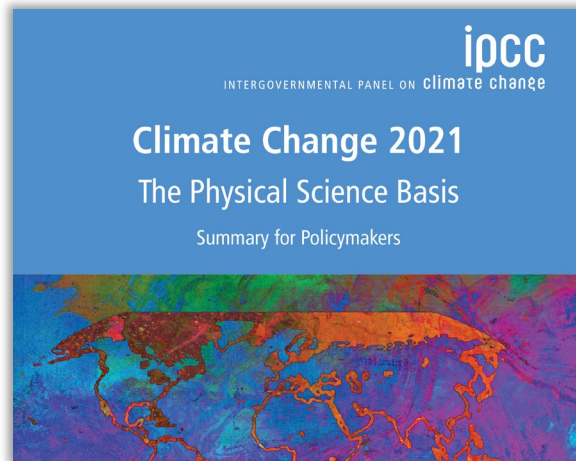
# Strategic Water Supply Assessment

Committed to improving water supply resiliency to address climate change impacts

- Effort will build on extensive previous planning efforts and incorporate new options such as winter water
- Evaluate current risk to District's water delivery reliability under recent and future extended drought scenarios
- Determine a timeline for developing alternative water supplies to maintain resiliency

# Strategic Water Supply Assessment

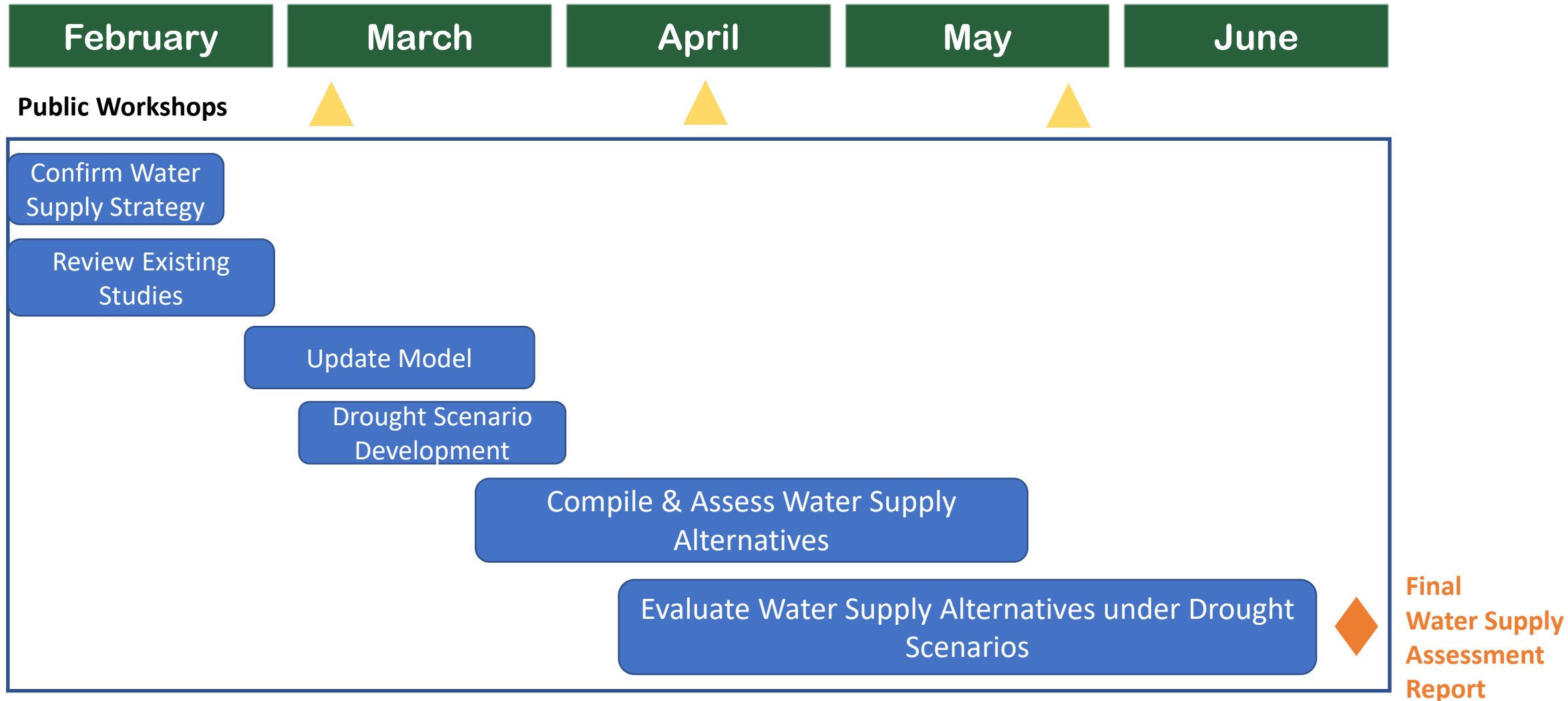
- Accelerated pace of climate change impacts
- Develop of a strategic water supply roadmap



# Project Scope Elements

- Confirm water supply strategy
- Building on previous studies on water supply and drought
  - Thorough review previous water supply studies and reports
  - Update hydrologic decision support model
- Develop extended drought scenarios to stress test the system
- Compile water supply alternatives
  - Intertie to East Bay
  - Sonoma options
  - Desalination
  - Expansion of local storage
  - Water Reuse
  - Other
- Evaluate alternatives under drought scenarios and develop roadmap

# Project Schedule



# Water Supply Roadmap

- Support District's near-term and long-term investments to enhance drought resiliency
- Roadmap laying out best opportunities to pursue and when
- Public engagement is central component of project

# Recommendation

Authorize the General Manager to execute a professional services agreement with Jacobs Engineering for \$401,175 in support of the Strategic Water Supply Assessment Project



# Next Steps

- Kickoff Water Supply Resiliency Committee: February 8
- February 16 Communications and Water Use Efficiency Meeting
- February – Continue Review of Water Supply Policy
- March – June Water Supply Resiliency workshops
- June/July – Report on Strategic Assessment of Water Supply Options