



# Water Supply Update

Board of Directors

July 5, 2022

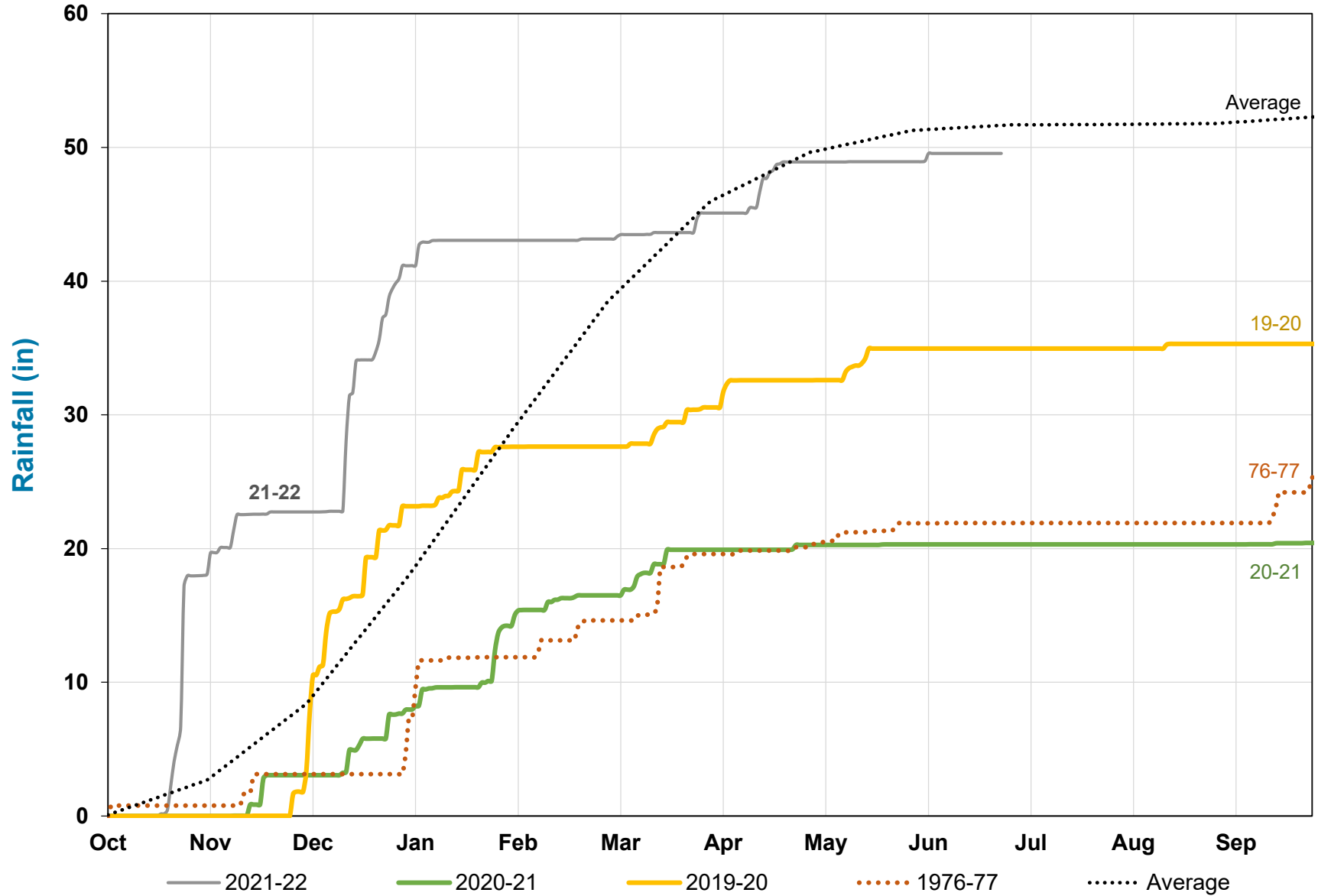


# Water Supply Update: Overview

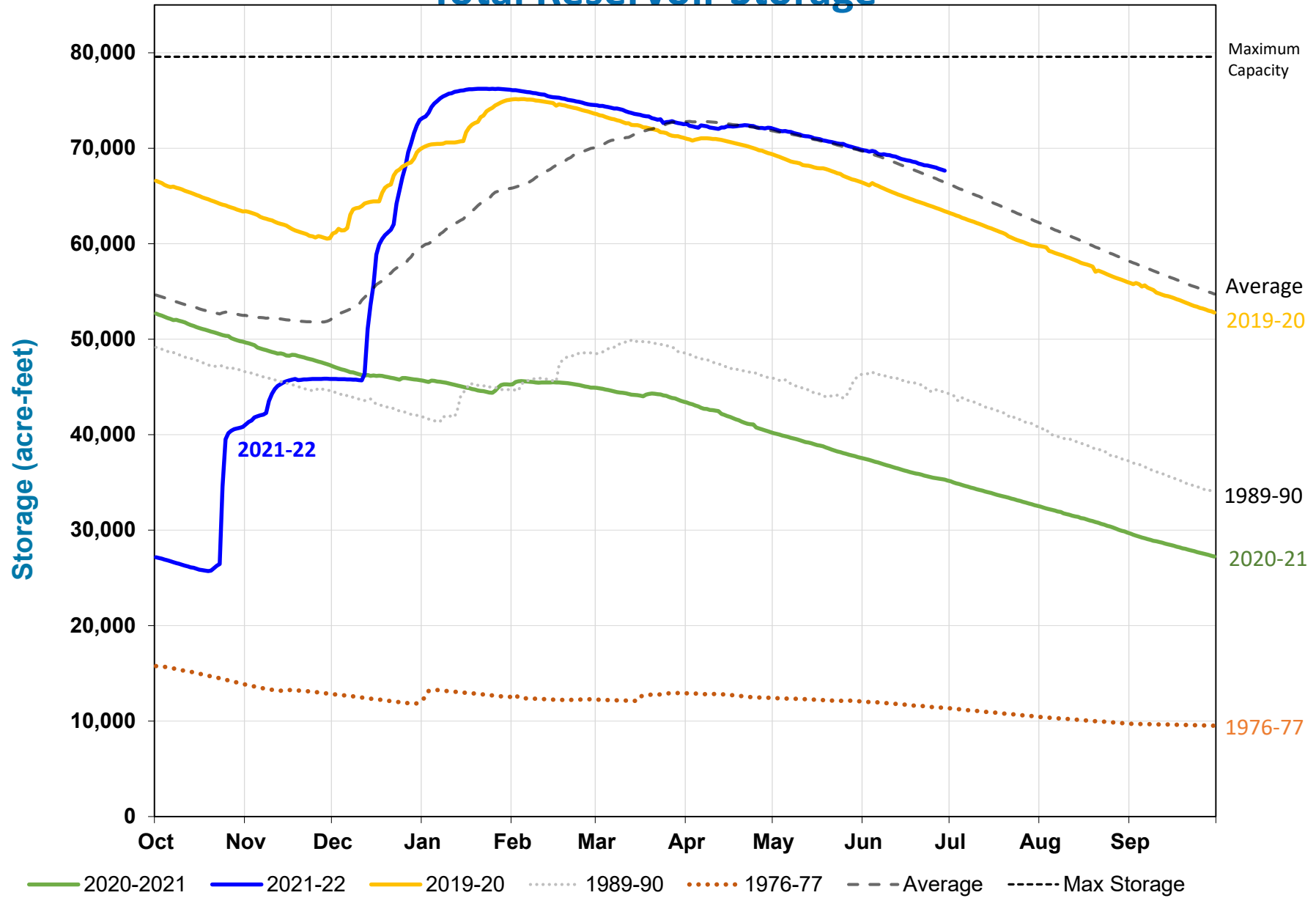
- Current Water Supply
- Water Supply Projection
- Water Supply Assessment Update
- Summary

# Cumulative Precipitation

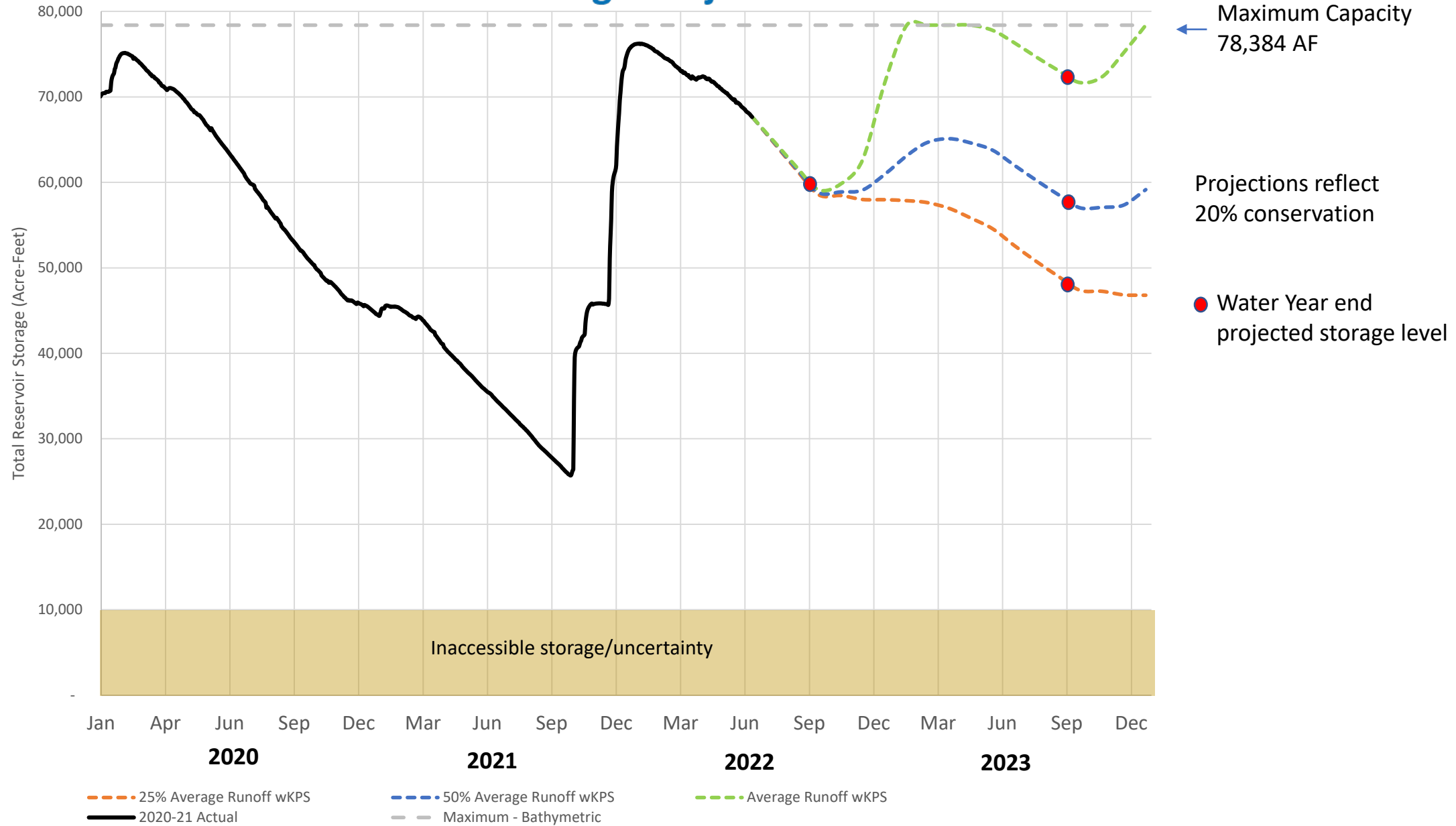
Lake Lagunitas Rain Gauge



# Total Reservoir Storage



# Reservoir Storage Projections

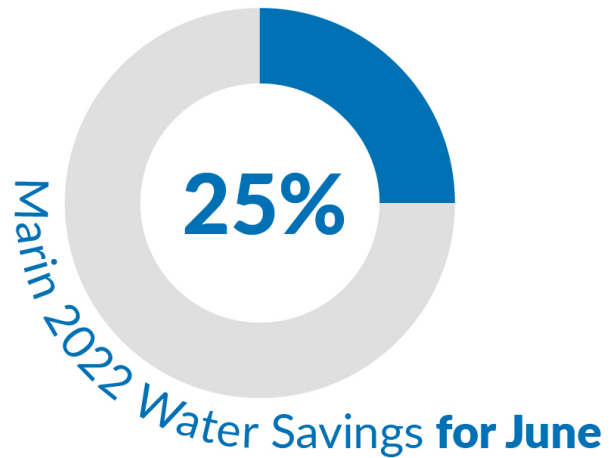


# Water Supply Update: Water Use Savings



## Monthly Savings Tracker

Percent of water saved compared to the same period in 2020



Average Daily Water Use

(in millions of gallons)

Average Daily Use  
June 2022

22.4

Average Daily Use  
June 2020

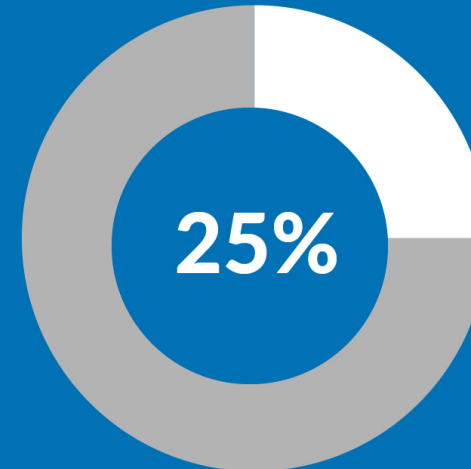
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MARIN WATER

## Drought Water Savings Tracker

Percent of water saved from July, 2021 - June, 2022, compared to the same period in 2020/21



State Water Savings Target: 15%

# Water Management Alternatives Considered

- Baseline – Existing water supply system with planned improvements
- Desalination
- Recycled Water
- Local Surface Storage
- Sonoma-Marin Partnerships
- Water Purchases with Conveyance through Bay Interties

# Key Evaluation Criteria

- Capacity – Extent that the alternative can meet demand / reduce deficit
- Quality – Amount and type of treatment needed for the water source
- Reliability – Availability of water under future conditions
- Required 3<sup>rd</sup> party agreements – e.g. transfers and water rights
- Environmental – Stream releases, carbon footprint & other potential impacts
- Permitting – CEQA, water rights, water transfers, NPDES etc
- Cost –



# Work in Progress

- Water management alternatives, costs, and other evaluation criteria being further progressed
- Integrating of water management alternatives into decision support model to evaluate yield of supplies
- Structure for forecast-based decision-making on integrating and optimizing supplies
- Refine evaluation criteria

# Strategic Water Supply Assessment: Schedule

- ✓ June 28 (5pm-7pm) – Initial Review of Water Management Options
- **July 12 (5pm-7pm) – Review Desalination and Recycled Water**
- July 19 (7:30pm – 9:30pm) – Review Interties, Local Supply Enhancement and Sonoma options
- July 28 (5pm-7pm) – Public Workshop
- August 9 (5pm-7pm) – Evaluation of Water Management Alternatives
- August 23 (5pm-7pm) – Evaluation of Water management alternatives
- August TBD – Public Workshop