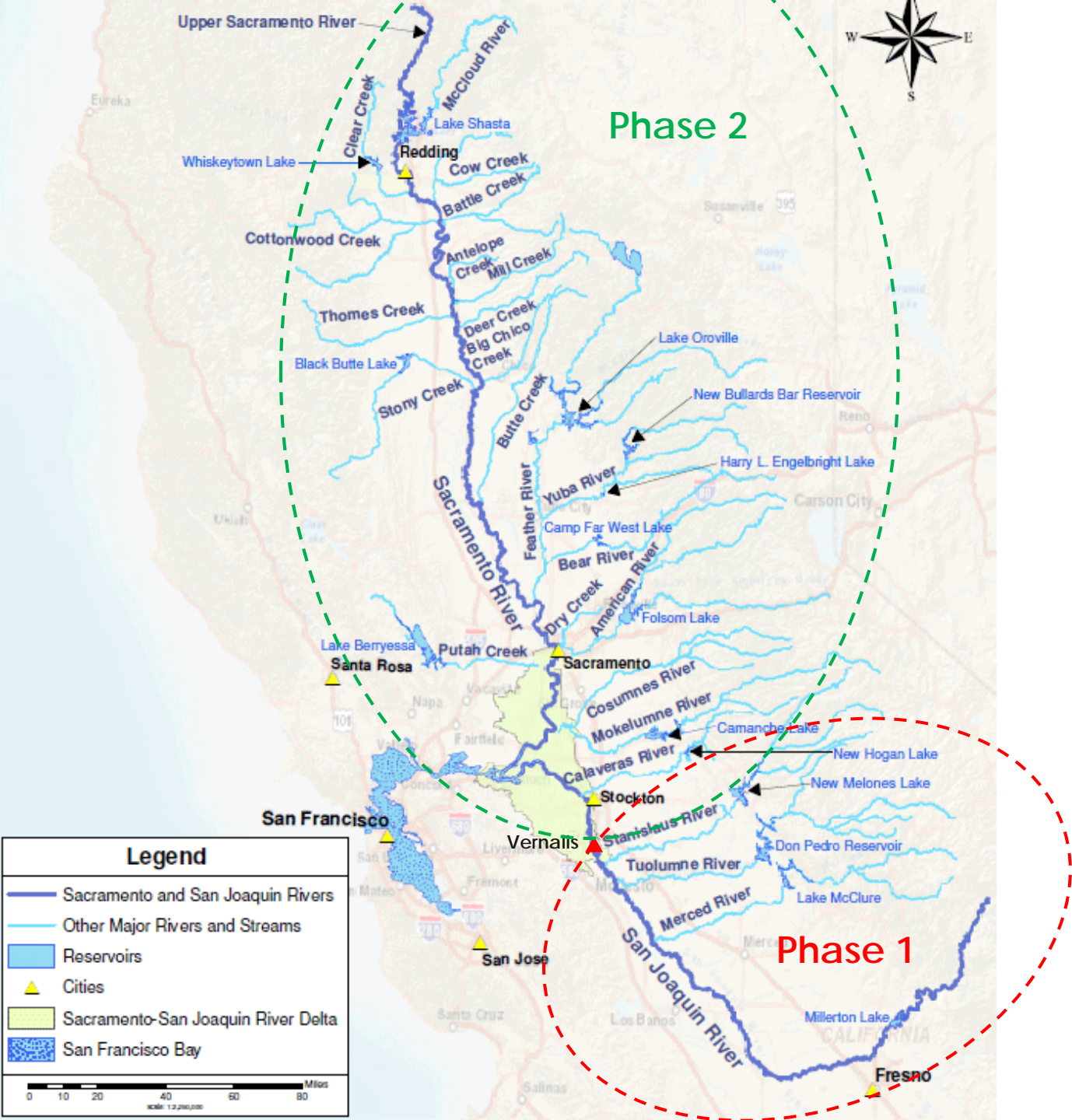

Updates on the Bay Delta Plan and New Agreements Regarding WaterFix and Operations of the Central Valley Project and State Water Project

January 4, 2019

Presentation agenda

- Water Board decision on Phase 1 of the Bay Delta Plan, and implications
- Overview of recent State and federal agreements:
 - ❖ Bay Delta Plan voluntary agreements
 - ❖ CVP and SWP Coordinated Operations
 - ❖ California WaterFix “No Harm” Agreement
 - ❖ Implementation of Biological Opinions

Bay Delta Plan Review



Bay Delta Plan

Review

Bay Delta Plan amendments:

- **Phase 1** – San Joaquin River and tributary flows and southern Delta salinity – Water Board's December 12, 2018 decision
- **Phase 2** – Sacramento River and tributary flows, Delta outflow and interior flows, gate operations, and cold water habitat – decision pending
- **Phase 3** – Water rights implementation – not started

Bay Delta Plan

System Impacts

Water Board staff assessment of system-wide impacts:

Phase 1: **293,000 acre-feet** average annual supply reduction

624,000-673,000 acre-feet supply reduction in dry and critical years

Phase 2: **2,000,000 acre-feet** average annual supply reduction

Bay Delta Plan

Phase 1 Impacts

District staff assessment of impacts to Santa Clara County:

5-15 percent increase in frequency of shortages

5-19 percent increase in magnitude of shortages (up to 14 TAF)

Increased need for water use reduction by **10 to 20 percent** during six year drought

Reduced availability of supplemental **transfer supplies**

Water Board Decision

Phase 1 Amendments

December 12, 2018 Water Board resolution:

- Adopted amendments requiring **30-50 percent of unimpaired flows**
- Directs Water Board staff to assist in developing voluntary agreements as a future **alternative Bay Delta Plan update**

Voluntary agreements to be presented to the Water Board after **December 2019**

Bay Delta Plan

Proposed Voluntary Agreements

Framework presented to Water Board,
December 12, 2018:

- **Habitat** - Non-flow measures
- **Flow** - New instream flow requirements for each tributary
- **Integrated Management** – Flow and non-flow measures to optimize benefits to fish and wildlife
- **Science and Monitoring** – New program to inform a structured decision-making process
- **Funding** – Contributions over 15 years to generate \$425 million for flows and \$345 million for science

CVP-SWP Coordinated Operations Addendum

Review:

- The 1986 Coordinated Operations Agreement describes **sharing** of Delta export capacity and **obligation** of DWR and USBR to meet Delta regulatory standards

December 2018 Addendum:

- Changes the **sharing formulas**
- CVP obligations are modestly reduced and SWP obligations are modestly increased
- Staff analysis indicates **little change** in overall District supplies

WaterFix

*“No harm”
agreement*

December 2018 bilateral DWR-USBR agreement:

- **Protects** CVP contractors from impacts of the WaterFix
- Requires DWR to **avoid or mitigate** any water supply impact
- Requires USBR to continue supporting the **WaterFix Change Petition** with the Water Board

Separately, DWR issued a letter requesting **withdrawal of WaterFix protests** and restraint from any future challenge

Implementation of Biological Opinions

*Reinitiation of
Consultation on Long
Term Operations*

Review: Consultation is taking place under the federal Endangered Species Act

December 2018 Memorandum of Agreement:

- Defines obligations of State and USBR in **Implementing revised Biological Opinions**
- Identifies **funding requirements**
- Establishes procedures for **cooperation and collaboration**
- **Prioritizes** actions to protect fish and restore habitat

Next Steps

Staff actions:

- Consider impacts and recommend Board action should Bay Delta Plan projected outcomes not be acceptable to the District
- Continue to participate in agency discussions on implementation of the three agreements discussed today
- Report new information to the Board