



Update on Arvin-Edison Groundwater Banking Program

Special Board Meeting

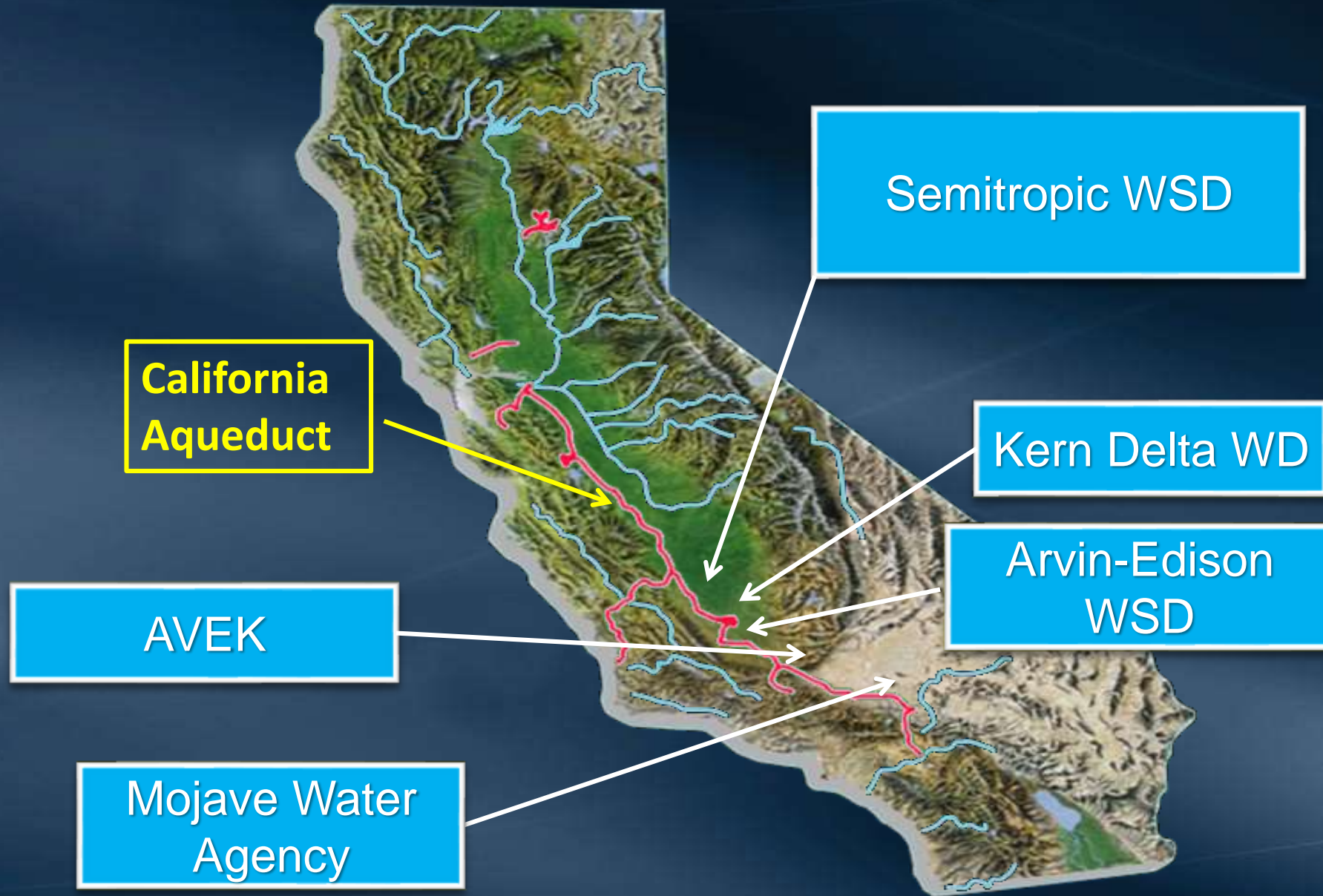
Item # 8.A

November 23, 2021

Arvin-Edison Storage Program Introduction

- Arvin-Edison Program has been an important part in managing Metropolitan's water during surplus and drought conditions
- Arvin-Edison Program has been negatively impacted by the 1,2,3-Trichloropropane (TCP) detected in groundwater
- Staff continues to work with Arvin-Edison on a solution
- Arvin-Edison filed a lawsuit on Oct. 22, 2021 against Dow Chemical Company, et al.
- Discussion in closed session regarding potential litigation

SWP Groundwater Storage Programs



SWP Groundwater Storage Programs

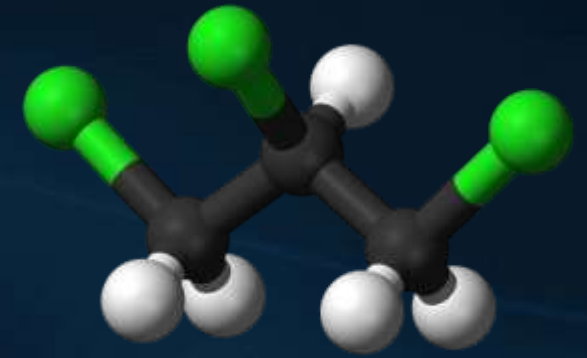


Arvin-Edison Storage Program Description

- Started: 1997
- Termination: 2035
- Storage Capacity: 350,000 AF
- Loss Factor: 10% One-Time on Put
- Put Capacity: Minimum 45,000 AFY
- Take Capacity: 40,000 AFY to 75,000 AFY
- Maximum Put (2000): 132,000 AF
- Maximum Take: (2009): 82,000 AF
- Balance in Storage: 138,000 AF



1,2,3-TCP



- Early 2018 learned that many Arvin-Edison wells were impacted by TCP
- TCP MCL: 5 ppt or 0.00000000000005 grams/liter
- MCL applies to public water systems, not farming
- Carcinogenic
- DWR Pump-In Policy prohibits return of water above MCL
- Metropolitan suspended delivery of water to storage and recovery of groundwater from the program.

Arvin-Edison Storage Program

- The reduced operation of the Arvin-Edison Program has contributed to the current serious water supply condition
- Metropolitan has worked with Arvin-Edison on exchanges involving Friant surface water supplies to exchange around 15,000 AF since 2018
- Arvin-Edison and Metropolitan continue to look for approaches that provide mutual benefits



