



One Water and Stewardship Committee

# Water Transfers and Exchanges

Item 7-11

January 9, 2022



# Actions Authorizing Transfers and Exchanges in 2022





# Transfers and Exchanges in 2022



- **SDCWA/Semitropic Transfer ~ \$4.25M**
  - Purchased 4,200 AF additional supply at \$893/AF
  - Use of 5,000 AF of contractual return capacity at \$100/AF
- **Dry Year Transfer Program ~ \$6.25M**
  - Purchased 7,890 AF\* at \$800/AF
- **North of Delta Transfers ~ \$15.3M**
  - Lower Yuba River Accord
    - Purchased 20,048 AF\* supplies
      - 16,223 AF – Groundwater substitution supplies at \$800/AF
      - 3,825 AF – Surface water supplies at \$447/AF
    - Exchanged 1,647 AF\* supplies with CVWD/DWA at \$353/AF
- **Arvin Edison/Friant Exchange ~ \$7.4M**
  - Exchanged 23,130 AF of groundwater supplies with Friant supplies at \$318/AF (average)

\*before conveyance losses



# 2023 Approach to Water Transfers



**North of Delta**  
**South of Delta**  
**San Joaquin Central Valley**  
**Water Rights Holders**  
**Private Water Agencies,**  
**Utilities, and Companies**



# Factors influencing the Purchase of Water



- **Water Supply Conditions**
  - State Water Project
    - *2023 initial SWP allocation at 5%*
  - Colorado River Supplies
    - *Low reservoir levels*
    - *CRA 7-pump flow planned in 2023*
- **Water transfers will help meet demands in 2023**
- **SWP pump-in programs, transfer supply, and flex storage are additive to Human Health & Safety supplies**
- **Ability to move supplies through Delta**
  - Capacity available



# 2023 Water Transfers



- **Price**
  - Price in negotiations
  - Authority to spend up to \$100 million
- **Budget**
  - Propose to utilize unused Water supply program and SWP Budget funds
    - *Approach for dry and critical years*
    - *Transfer costs spread over two fiscal years*
    - *May need to use Reserve funds if conditions change and additional funds are needed.*
- **Conveyance loss**
  - Varies between 20% to 30% (2022 – 25% loss)



# 2023 Water Transfers



- **SDCWA/Semitropic Transfer**
  - In discussions with SDCWA similar to 2022
- **Water Transfers**
  - Estimated available water ~ 10,000AF – 60,000 AF
  - Price in negotiations
  - Impacted by curtailment
- **Yuba County Water Agency**
  - Assuming available supplies similar to 2022
  - Metropolitan allocated: ~ 25% (21,000 AF)\*
  - Price is TBD

*\*subject to carriage losses*



# Board Options

## Option #1

- Authorize the General Manager to secure one-year water transfers with various water districts for up to \$100 million
- Authorize the General Manager to secure storage and conveyance agreements with the Department of Water Resources and various water districts to facilitate these transfers consistent with Articles 55 and 56 of the Metropolitan State Water Project Contract.
- Grant the General Manager final decision-making authority to determine to move forward with these transfers following completion of any environmental reviews required under CEQA, subject to the terms and conditions set forth in the Board letter.



# Board Options

## Option #2

- Do not authorize the General Manager to enter one-year water transfer agreements with various water districts.



# Option #1

## Staff Recommendation



