



Water Planning and Stewardship Committee

2022 North of Delta Water Transfers

Item 7-12
April 12, 2022

North of Delta Water Transfers



Reservoir Reoperation



Groundwater Substitution



Crop Idling / Fallowing

North of Delta Water Transfers



* Supplies may be made available through November if capacity is available

Factors Influencing Decision to Purchase Water



- **Water Supply Conditions**
 - Current 5% SWP Allocation
 - 2023 initial SWP allocation projected to be very low
 - Water transfers will meet demands in 2022 or SWP surface water carryover supplies 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

2022 North of Delta Water Transfers



- **Price**
 - Price in negotiations
 - Authority to spend up to \$60 million
 - Using \$60 million on 75,000 AF would result on an average cost of \$800/AF
- **Budget**
 - Propose to utilize unused funds in the SWP Budget
 - *Approach for dry and critical years*
 - SWP Budget projected to be \$90 million under budget
- **Conveyance loss**
 - Varies between 20% to 30% (2021 – 25% loss)

2022 North of Delta Water Transfers



- **SWC Dry Year Water Transfers**
 - Estimated available water: ~ 10,000 – 20,000 AF
 - Metropolitan allocated: ~ 50% (5,000 – 10,000 AF)*
 - Price in negotiations
 - Impacted by curtailment
- **Yuba County Water Agency**
 - Estimated available water: ~ 158,000 AF
 - Metropolitan allocated: ~ 25% (38,000 AF)*
 - Surface water price: \$358 - \$447/AF
 - Groundwater substitution price: \$800/AF

**subject to carriage losses*

Board Options

Option #1

- Authorize the General Manager to secure one-year water transfers with water districts north of the Sacramento-San Joaquin River Delta for up to 75,000 acre-feet of additional supplies.
- Authorize the General Manager to secure storage and conveyance agreements with the Department of Water Resources and various water districts north of the Sacramento-San Joaquin River Delta to facilitate these transfers consistent with Articles 55 and 56 of the Metropolitan State Water Project Contract.
- Pay up to \$60 million from the State Water Project Budget for such transfers.
- Grant the General Manager final decision-making authority to determine whether or not 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 north of the Sacramento-San Joaquin River Delta water districts.

Option #1

Staff
Recommendation

