

Irvine Ranch Water District/Rosedale-Rio Bravo Water Banking Program Exchange/Transfer

WATER RESOURCES AND WATERSHED COMMITTEE

DECEMBER 8, 2021

ITEM 2

Background

- ▶ Committee direction in October to pursue new water supply programs to enhance water supply reliability for 2022
- ▶ Irvine Ranch Water District (IRWD)
 - ▶ Short-term Drought Relief and Transfer Program
 - ▶ Long-term Unbalanced Exchange Program



Rosedale Rio Bravo Water Storage District Programs

SCV Water Banking Program

- ▶ Banked Storage 2022 – 81,000 AF
- ▶ 1st priority recovery capacity – 10,000 AFY
- ▶ 2nd priority recovery capacity – 10,000 AFY (as available)
 - ▶ 2022 – at least 5,000 AF available
 - ▶ 2023 - TBD

IRWD Water Bank

- ▶ Rosedale Program
 - ▶ Water storage account
- ▶ Strand & Stockdale Integrated Banking Projects
 - ▶ 1st priority recovery rights
 - ▶ Recharge facilities

Short-term Drought Relief and Transfer Program

Terms

- ▶ 2022-2026
- ▶ 5,000 AFY (2022 & 2023)
- ▶ SCV Water banked RRB water recovered
 - ▶ 1-2% CVC conveyance loss
- ▶ IRWD 1st priority recovery capacity
- ▶ Table A water returned by 2026
 - ▶ SWP allocation > 45%

Costs

- ▶ SCV Water pays costs to recover water from IRWD Water Bank
- ▶ IRWD pays costs to recharge
- ▶ Divide Kern County Water Agency wheeling fee if assessed (\$5/AF)

Long-term Unbalanced Exchange Program (2 for 1)

Terms

- ▶ 2022-2035
- ▶ Table A exchange
- ▶ Max exchange - 30,000 AF
 - ▶ Banking losses split
 - ▶ Conveyance losses based on associated share
- ▶ Max recovery - 15,000 AF
 - ▶ Annual return max up to 1/3 of account balance
- ▶ SCV Water recovery within 7 years of each recharge event

Costs

- ▶ Rosedale assessment costs shared (\$2/AF)
- ▶ RRB recharge costs split between parties
- ▶ Recovery costs (pumping or exchange)
 - ▶ IRWD – costs for associated share
 - ▶ SCV Water – costs for associated share

SCV Water Program Benefits

Short-term Program

- ▶ Increases firm recovery from Rosedale 2022 & 2023 from 10,000 AFY to 15,000 AFY
 - ▶ Plus second priority recovery
- ▶ Cost effective compared to open market transfer options (\$1,000/AF in 2022)
- ▶ Provides additional drought relief benefit through 2023.

Long-term Program

- ▶ Extends life of RRB banking program
- ▶ Utilize DRP well facility investment

RECOMMENDATION

That the Committee recommend staff negotiate agreements with IRWD for Short-term and Long-term Programs as described in Exhibit A and Exhibit B and present those agreements for Board consideration.