



Partnership with San Bernardino Valley MWD to Improve Reliability

Water Planning and Stewardship Committee

Item 7-5

December 13, 2021

San Bernardino Valley MWD (Valley District)

- Valley District
 - State Water Contractor – 102,600 AF Table A
 - San Bernardino Basin Area
 - Santa Ana River Watershed
- Past Litigation
- 2000 Coordinated Operating Agreement
 - Mutual Aid – Helped fill DVL with 600,000 AF
 - Water Transfer - 200,000 AF
 - Expired 2016, but new agreement in 2021



Current & Proposed

● Current Agreement

- Allows the transfer of surplus supplies to Metropolitan
- Coordinate use of facilities during emergencies and outages
- Capable of moving Metropolitan supplies using their Foothill Pipeline
- Capable of moving Valley District's supplies using Metropolitan's Inland Feeder

● Proposed New Agreements

- Authorize an exchange of supplies
- Authorize reimbursement of actual costs for shifting supplies and conveying local or Diamond Valley Lake supplies

Exchange Terms

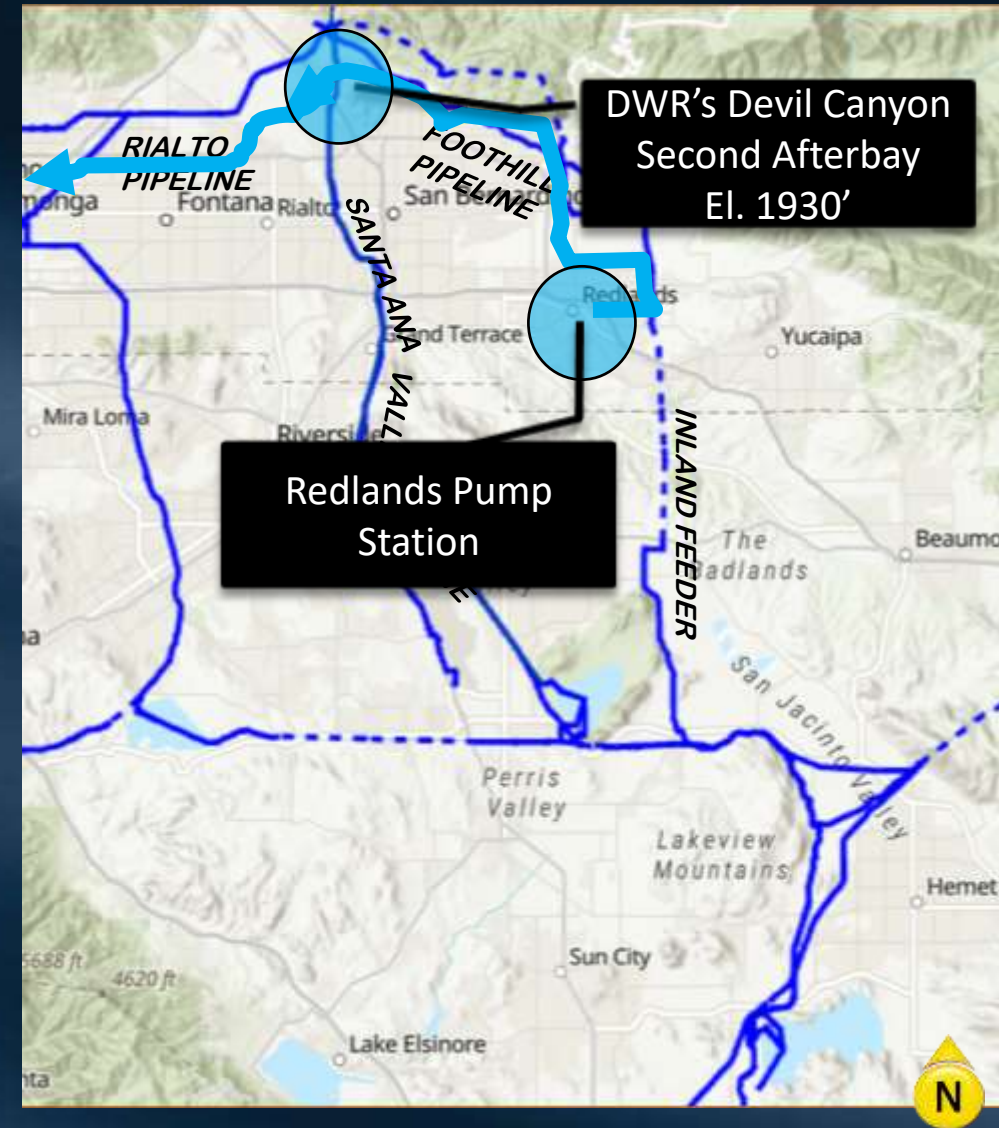
- Exchange
 - One-to-One Exchange – water within a calendar year
 - Up to Two-to-One Exchange – water returned after the calendar year
- Exchange Examples
 - Metropolitan receives 5,000 AF in January 2022 and returns 5,000 AF during the summer of 2022 to meet Valley District demands
 - Metropolitan receives 5,000 AF in January 2022 and returns 10,000 AF in 2023
- Exchange amounts and timing based on each district's supply and demand situation
- Term: 10 years

Valley District Shift Terms

- Direct correlation between local production and demand on Valley District SWP supplies
- Increasing local production will reduce demand on Valley District SWP supplies
- Reimburse of costs up to \$300/AF to shift from Valley District SWP supplies
- All preserved SWP supplies from the shift would be available to Metropolitan for an exchange
 - Shift supports the exchange but is not additive
 - Shift limited by available SWP supplies

Groundwater to Devil Canyon

- Deliver local groundwater to Devil Canyon Second Afterbay
- Redlands pumps water through Valley District Central Feeder and Inland Feeder
- Maximum: 16 cfs or 1,000 AF/month
- Start: March 2022
- Groundwater that is pumped meets drinking water standards
- Pump-in plan and regular testing
- Metropolitan reimburses for costs



Metropolitan DVL water to Devil Canyon

- Deliver Diamond Valley Lake water to Devil Canyon Afterbay
- Alternatives
 - Valley District Foothill Pump Station
 - DWR Citrus Reservoir Pump Station
- Flow: 60 cfs to 160 cfs
- Start: ~2025
- Metropolitan reimburses for actual costs



Summary

Program Element	2022	2025
SWP Exchange / Shift	up to 7,000 AF	Depends on Valley District's SWP Supplies
Local Groundwater	up to 10,000 AF	up to 12,000 AF
DVL to Devil Canyon or Rialto Pipeline	Not Applicable	up to 43,000 AF to 116,000 AF

Board Options

- Option #1
 - Authorize the General Manager to execute an agreement with San Bernardino Valley Municipal Water District and the California Department of Water Resources consistent with the terms outlined in the Board letter and in a form approved by the General Counsel.

Board Options

- Option #2
 - Do not enter into agreements with San Bernardino Valley Municipal Water District.

Staff Recommendation

- Option #1

