



One Water and Stewardship Committee

Authorize the General Manager to enter into an agreement with Western Municipal Water District, Rubidoux Community Services District, West Valley Water District, and San Bernardino Valley Municipal Water District to provide Rubidoux Community Services District assistance with water deliveries

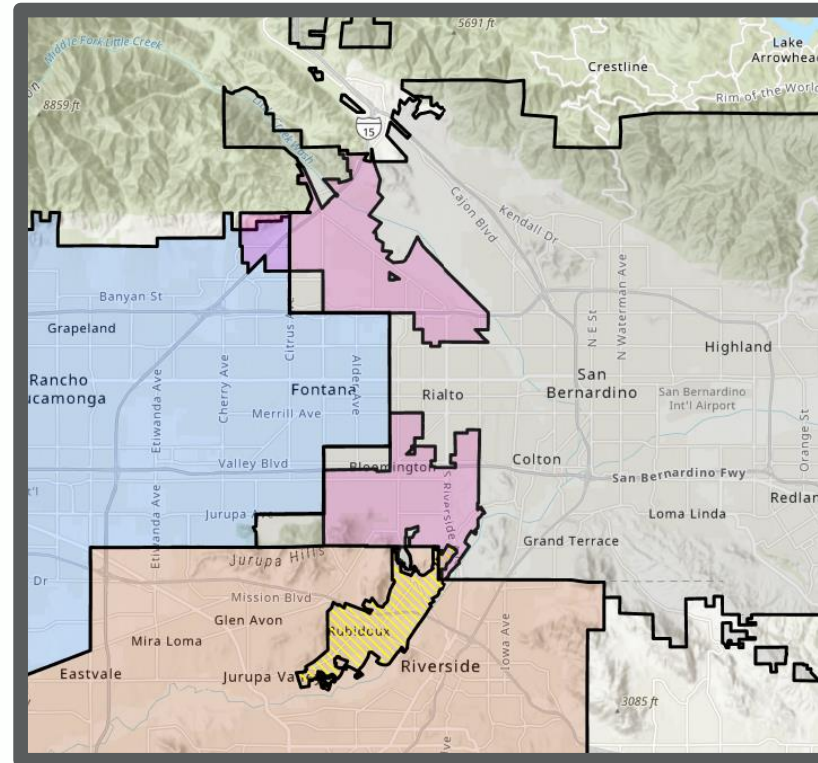
Item 7-8

March 14, 2023

Agreement to provide Rubidoux assistance with water deliveries-

2022 Board Action

April 2022 Board Action



Staff Request

- Long-term agreement
- 2,000 AFY of imported water deliveries
- Blend deliveries with local GW for water quality purposes

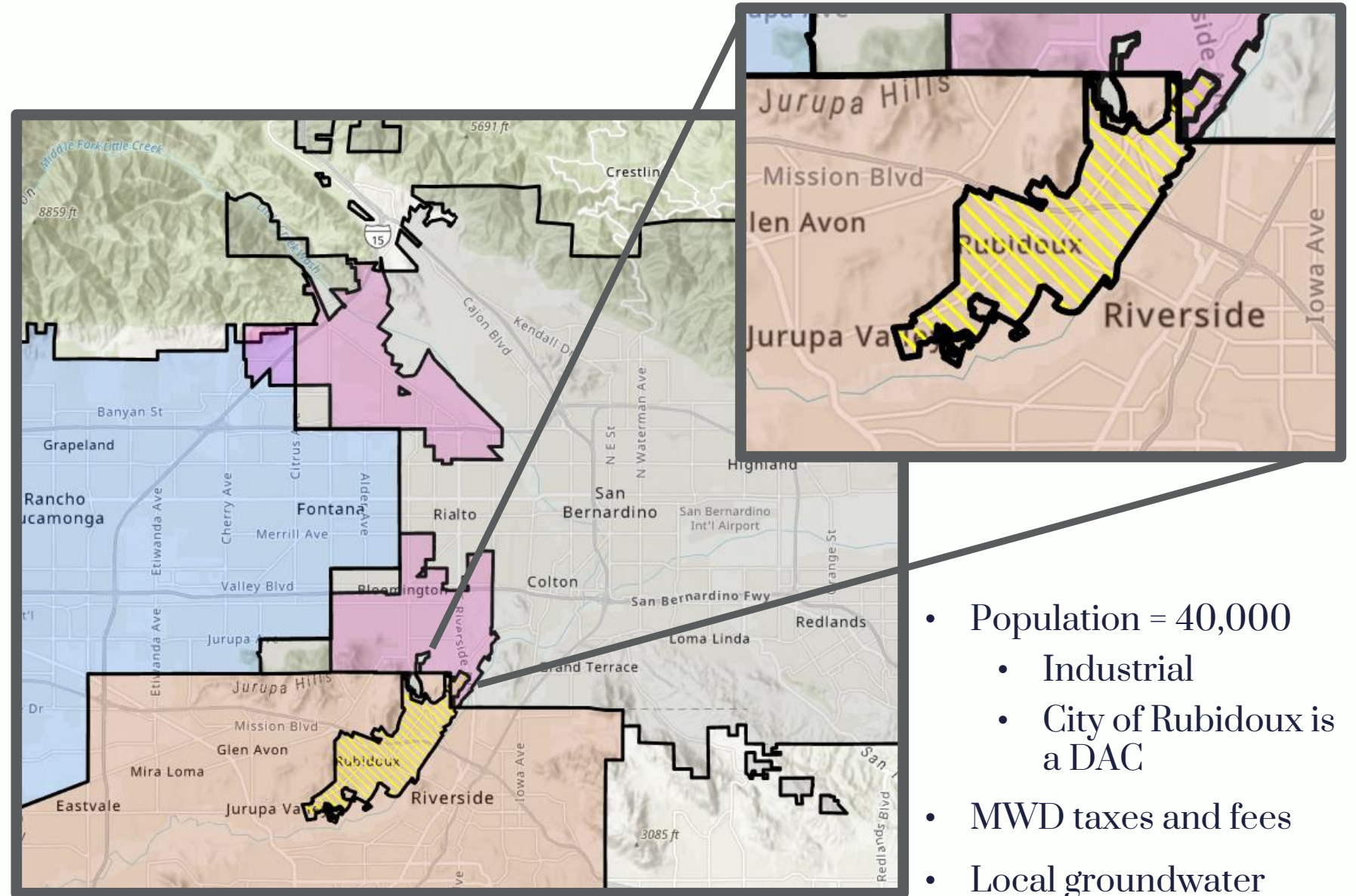
Board Direction

- Execute a one-year agreement
- 2,000 AF of water deliveries
- Explore alternative solutions
- Return to Board

Agreement to provide Rubidoux assistance with water deliveries-

Background

Rubidoux is a member of Western Municipal Water District



- Population = 40,000
 - Industrial
 - City of Rubidoux is a DAC
- MWD taxes and fees
- Local groundwater supplies

Challenge



- Raw groundwater supplies have water quality issues



- Need for imported supplies to blend down a contaminant in their raw water supplies



- Total Dissolved Solids (TDS) led to a lawsuit with the wastewater treatment plant



- Improving the water quality of Rubidoux will benefit downstream users of the Santa Ana River

Agreement to provide Rubidoux assistance with water deliveries-

Background

Agreement to provide Rubidoux assistance with water deliveries-

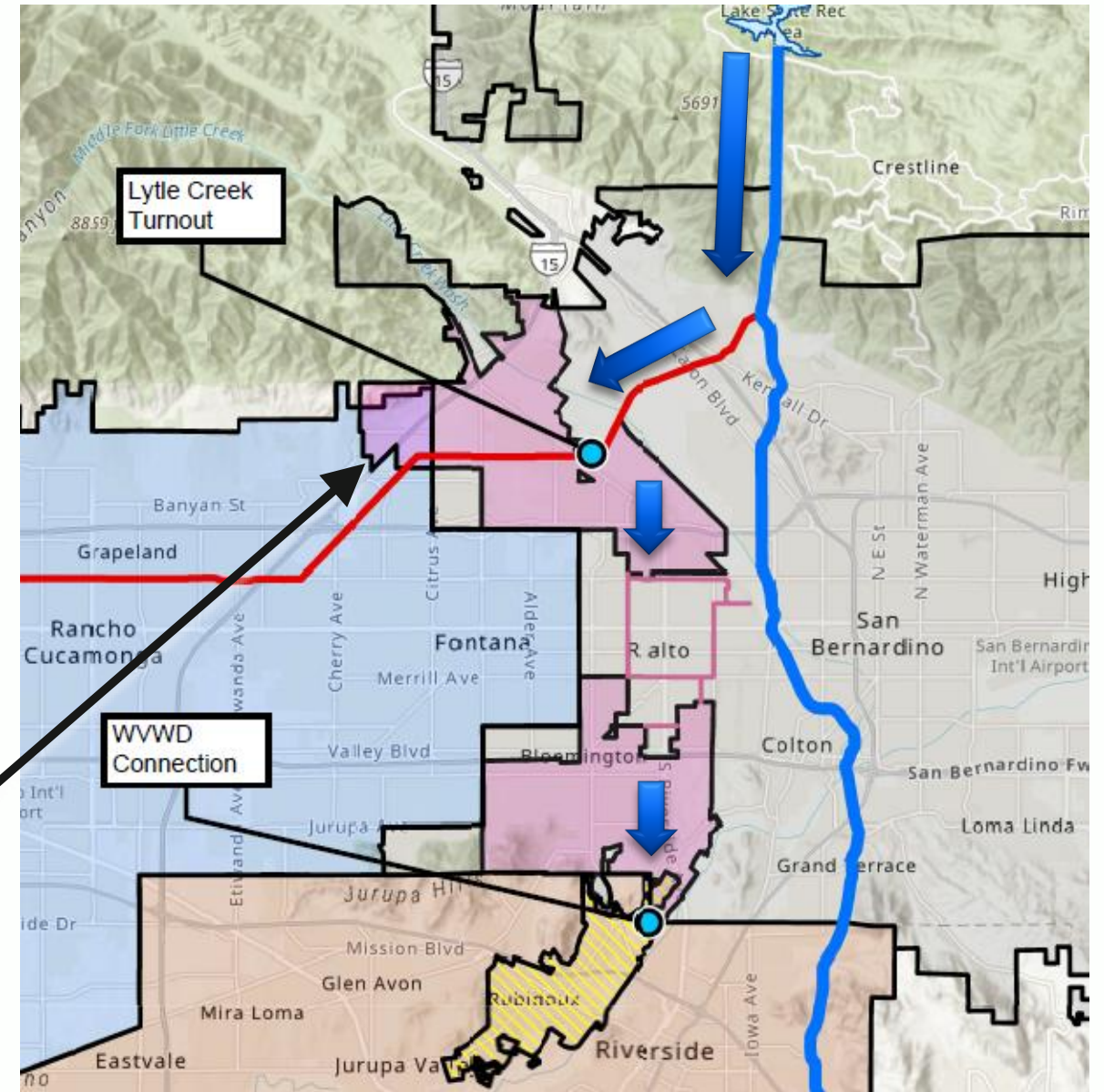
Background: Agreement

Water conveyance would be through the Azusa Pipeline

Legend

- State Water Project - East Branch
 - Devil Canyon Azusa Pipeline
 - WWWD Distribution
 - Connections
- Agency
- West Valley Water District
 - San Bernardino Valley Municipal Water District
 - Inland Empire Utilities Agency
 - Rubidoux Community Service District
 - Western Municipal Water District

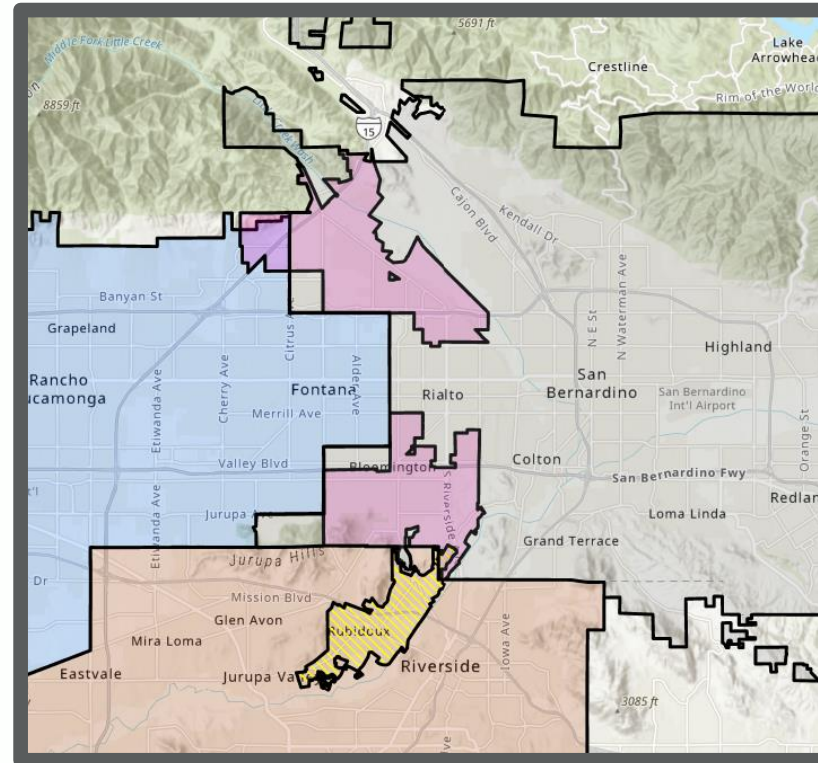
July 2021: Delivery agreement for West Valley & IEUA



Agreement to provide Rubidoux assistance with water deliveries-

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Board Direction

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- ~~2,000 AF of water deliveries~~
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Agreement to provide Rubidoux
assistance with water deliveries-

Board Concerns

Proposed agreement to
provide water deliveries to
Rubidoux Community
Services District

Blending Location

- Imported supplies will be blended with Rubidoux's potable supplies prior to customer use

Time Limit

- Long-term agreement needed to justify interconnection costs

Impacts with or without agreement

- Deliveries to Western for Rubidoux subject to same guidelines, procedures, and limitations that MWD applies to its Member Agencies in times of shortages
- Rubidoux would continue to face water quality issues

Agreement to provide Rubidoux
assistance with water deliveries-

Alternatives

Proposed agreement to
provide water deliveries to
Rubidoux Community
Services District

Desalination

- Groundwater treatment
 - Recent GAC / IOX treatment upgrades
 - Evaluated but too costly
 - Would require an extension to the IE Brine Line
 - Could be incentivized under LRP if eligible
- Riverside Water Quality Control Plant upgrades
 - Provides tertiary water for Santa Ana River
- Connection to Arlington Desalter
 - Location is about 10 miles away from Rubidoux

Agreement to provide Rubidoux
assistance with water deliveries-

Alternatives

Proposed agreement to
provide water deliveries to
Rubidoux Community
Services District

Connect to Western

- Connection to City of Riverside's distribution system
 - New 3-mile pipeline needed
 - Mission Blvd Bridge
 - Generally 100% GW, also high TDS



Agreement to provide Rubidoux
assistance with water deliveries-

Alternatives

Proposed agreement to
provide water deliveries to
Rubidoux Community
Services District

Utilize another Groundwater Source

- Bunker Hill Groundwater Basin: SBVMWD
- Western purchased 6,000 AF of replenishment water from MWD
- Low TDS levels
- Provides 3 full years of Rubidoux's request



Agreement to provide Rubidoux
assistance with water deliveries-

Proposed Solution

Metropolitan Water Deliveries

- Authorize proposed agreement for 2,000 AFY
- The new interconnection would also allow Western to use Bunker Hill groundwater supplies during times of shortages

Agreement to provide Rubidoux
assistance with water deliveries-

Proposed Agreement

Proposed agreement to
provide water deliveries to
Rubidoux Community
Services District

Agreement Terms

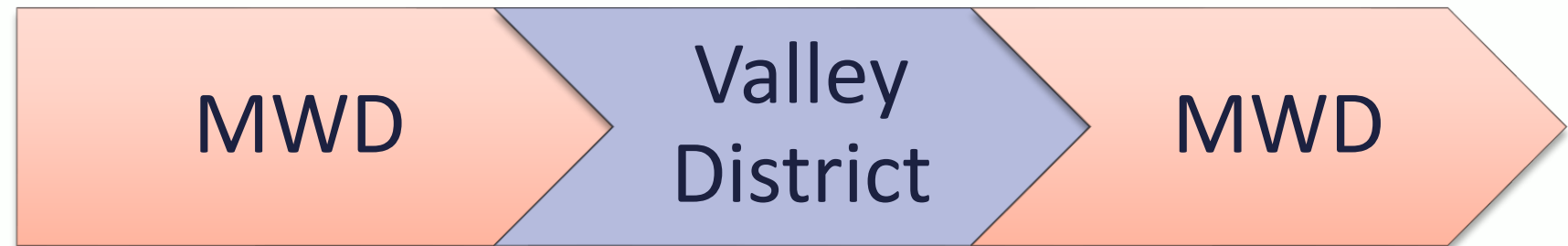
- Maximum Delivery Amount of 2,000 AFY
- Terminates November 4, 2035
- Water deliveries to be used within Western's service area
- The delivery of water by Metropolitan is not guaranteed and is limited to the unused capacity in the Azusa Pipeline
- Deliveries to Western for Rubidoux are subject to the same guidelines, procedures, and limitations that Metropolitan applies to its Member Agencies in times of shortages
- Western will pay Metropolitan's full service untreated water rate in effect at the time of the delivery, including Capacity Charge and Readiness-to-Serve Charge

Agreement to provide Rubidoux
assistance with water deliveries-

Board Action

Why is Board Action needed?

- New service connections don't need Board approval
- No cost to Metropolitan



- Deliveries pass outside of Metropolitan's service area
- Outside agency cooperation required through an agreement

Summary

Justification and Benefits

- Rubidoux residents pay Metropolitan property taxes and standby charges
- Customer service to a DAC
- Similar to growth elsewhere in Metropolitan's service area
- Benefits to downstream Santa Ana River users
- Added revenues
- Approved West Valley delivery agreement (2021)
- Would allow construction of interconnection
 - Bunker Hill supplies can be brought into Metropolitan
- Any limitations or guidelines on other Member Agencies would apply to Western for Rubidoux deliveries

Option #1

- Authorize the General Manager to enter into an agreement with WMWD, Rubidoux, West Valley, and Valley District to provide Rubidoux assistance with water deliveries.

Option #2

- Do not authorize the General Manager to enter into an agreement with WMWD, Rubidoux, West Valley, and Valley District to provide Rubidoux assistance with water deliveries.

Agreement to provide Rubidoux assistance with water deliveries-

Board Options

Option #1

Agreement to provide Rubidoux
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Staff Recommendations

