



Chino Basin Program Update

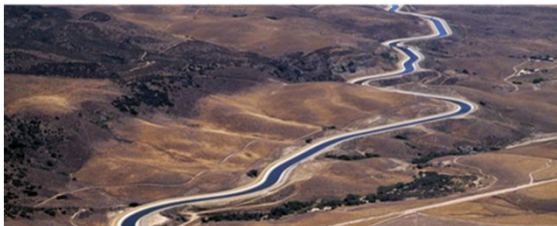
California Water Commission Meeting

September 16, 2026

Elizabeth Hurst, Chino Basin Program Manager



CBP Update Overview



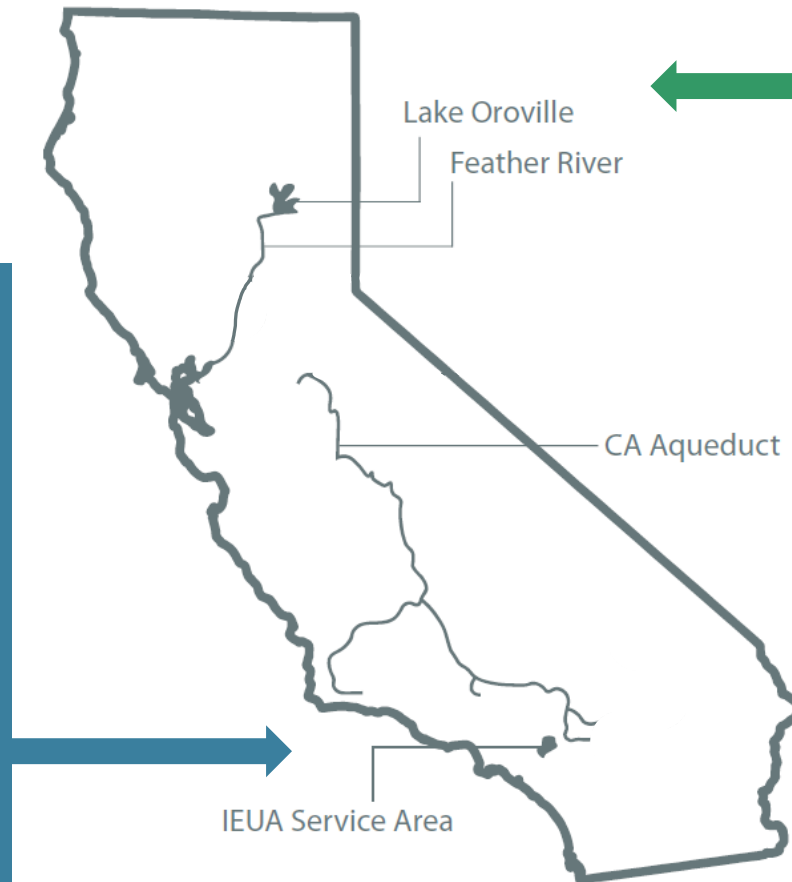
- Overview of CBP
- Contracts and Agreements Status
- Program Funding
- Construction & Implementation Milestones



Chino Basin Program Overview

Southern California

- Advanced treatment of recycled water supplies
- Store treated water in the Chino Groundwater Basin
- Pump stored groundwater to customers to offset State Water Project Supplies when a pulse flow occurs



Northern California

- Release water from Lake Oroville reservoir as a pulse flow to the Feather River to improve survival of migrating salmon
- Water flows downstream through the Bay Delta, to the ocean



State Public Benefit Contracts



California Department of Fish & Wildlife

- 375,000 acre-feet pulse flow, 25-year term
- 15,000 acre-feet offered each year (max 50,000 per pulse), not based on hydrology
- Pulse flows can occur in spring



State Water Resources Control Board

- Treat and store 15,000 acre-feet per year purified water in Chino Basin aquifer, 50-year term



Department of Water Resources

- 50,000 acre-feet emergency water supply for local use, 35-year term

NO CHANGE TO QUANTITY OR MAGNITUDE OF WSIP PUBLIC BENEFITS





Chino Basin Program Facilities Overview

Facility	2026 Cost (\$ M)	Benefits
Advanced Water Purification Facility (15 MGD)	\$232 M	• Advance treat recycled water for storage in groundwater basin • Remove salts, constituents of emerging concern (CEC's)
Recycled Water Pipeline	\$125 M	• Direct recycled water to provide steady flow for Advanced Water Purification Facility
Pure Water Recharge Facilities (aquifer replenishing wells, conveyance, GWR facilities)	\$181 M	• Store purified water in Chino Basin aquifer for future use. • 15,000 AF of water to be stored each year
Extraction Facilities (wells, conveyance)	\$337 M	• New wells to pump stored purified water from aquifer • 40,000 AF production capacity
MWD Interconnection	\$133 M	• Pump-in connection to move 10,000 AF pumped groundwater to Metropolitan
Total	\$1,008 M	



Chino Basin Program Facilities Overview

Facility	2026 Cost (\$ M)	Benefits
Advanced Water Purification Facility (15 MGD)	\$232 M	• Advance treat recycled water for storage in groundwater basin • Remove salts, constituents of emerging concern (CEC's)
Recycled Water Pipeline	\$125 M	• Direct recycled water to provide steady flow for Advanced Water Purification Facility
Pure Water Recharge Facilities (aquifer replenishing wells, conveyance, GWR facilities)	\$181 M	• Store purified water in Chino Basin aquifer for future use. • 15,000 AF of water to be stored each year
Extraction Facilities (wells, conveyance)	\$337 M	• New wells to pump stored recycled water from aquifer • 40,000 AF production capacity
MWD Interconnection	\$133 M	• Pump-in connection to move 10,000 AF pumped groundwater to Metropolitan
Total	\$1,008 M	





Chino Basin Program Facilities Overview

Facility	2026 Cost (\$ M)	Benefits
Advanced Water Purification Facility (15 MGD)	\$232 M	• Advance treat recycled water for storage in groundwater basin • Remove salts, constituents of emerging concern (CEC's)
Recycled Water Pipeline	\$125 M	• Direct recycled water to provide steady flow for Advanced Water Purification Facility
Pure Water Recharge Facilities (aquifer replenishing wells, conveyance, GWR facilities)	\$181 M	• Store purified water in Chino Basin aquifer for future use. • 15,000 AF of water to be stored each year
Extraction Facilities (wells, conveyance)	\$337 M	• New wells to pump stored recycled water from aquifer • 40,000 AF production capacity
MWD Interconnection	\$133 M	• Pump-in connection to move 10,000 AF pumped groundwater to Metropolitan
Total	\$1,008 M	



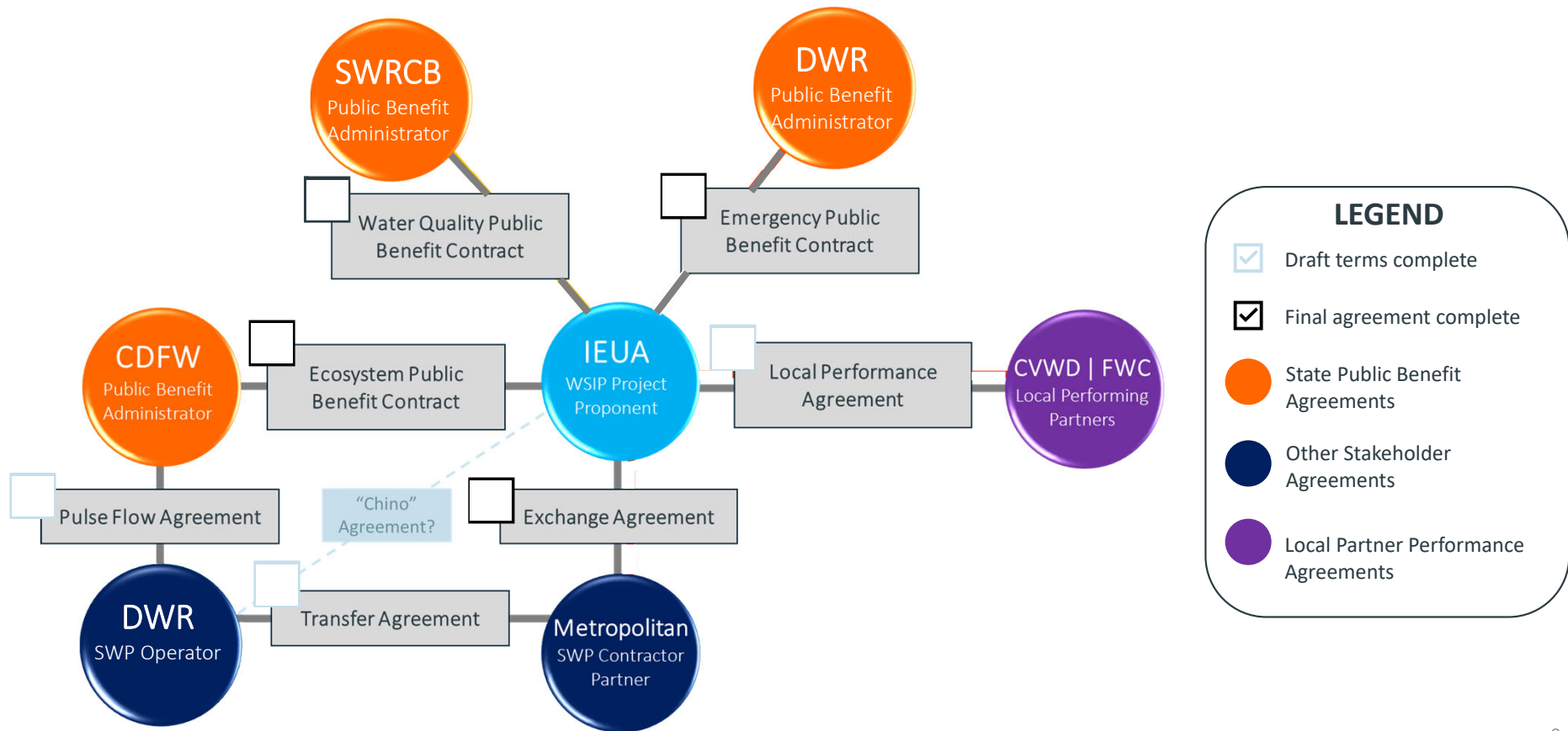


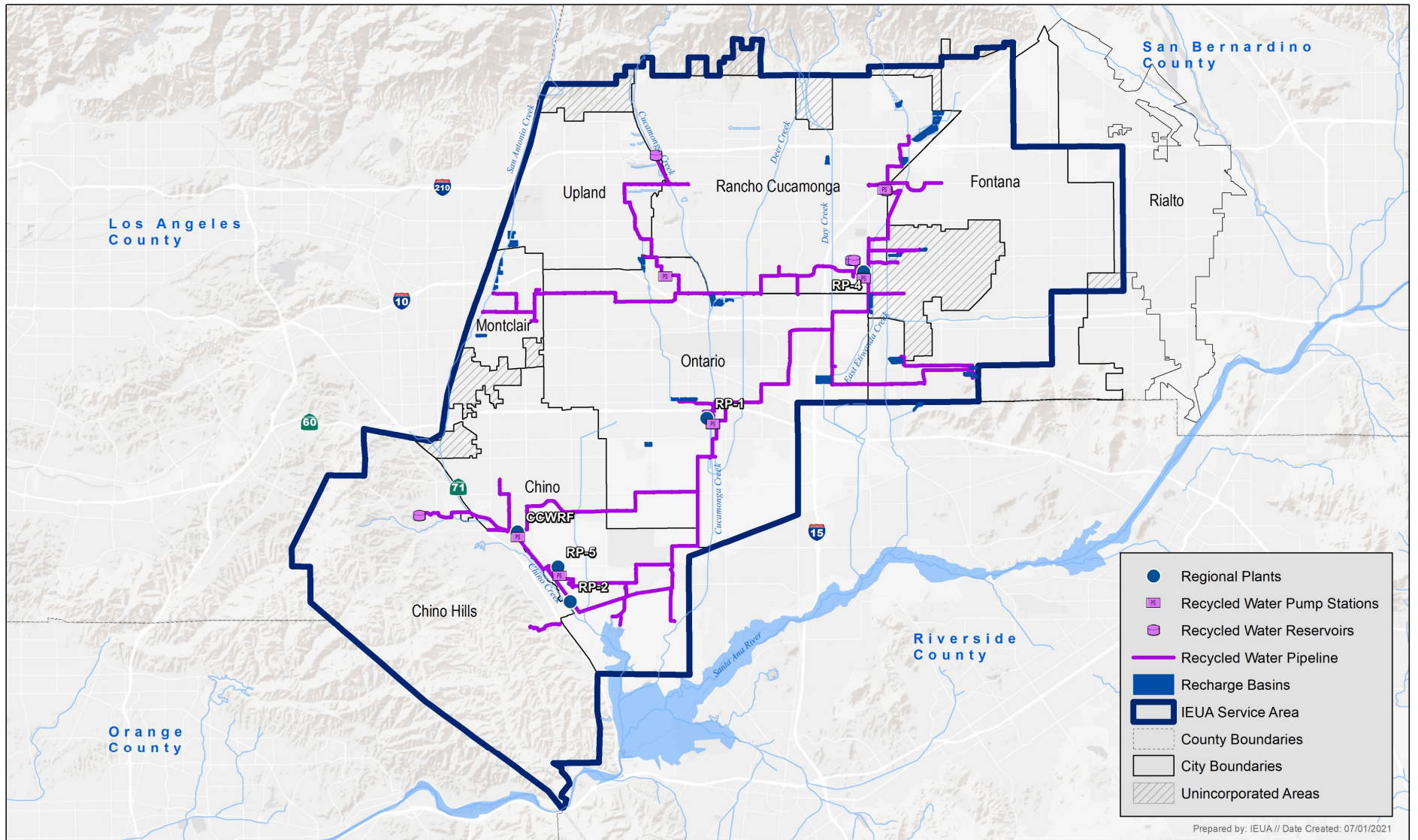
Chino Basin Program Facilities Overview

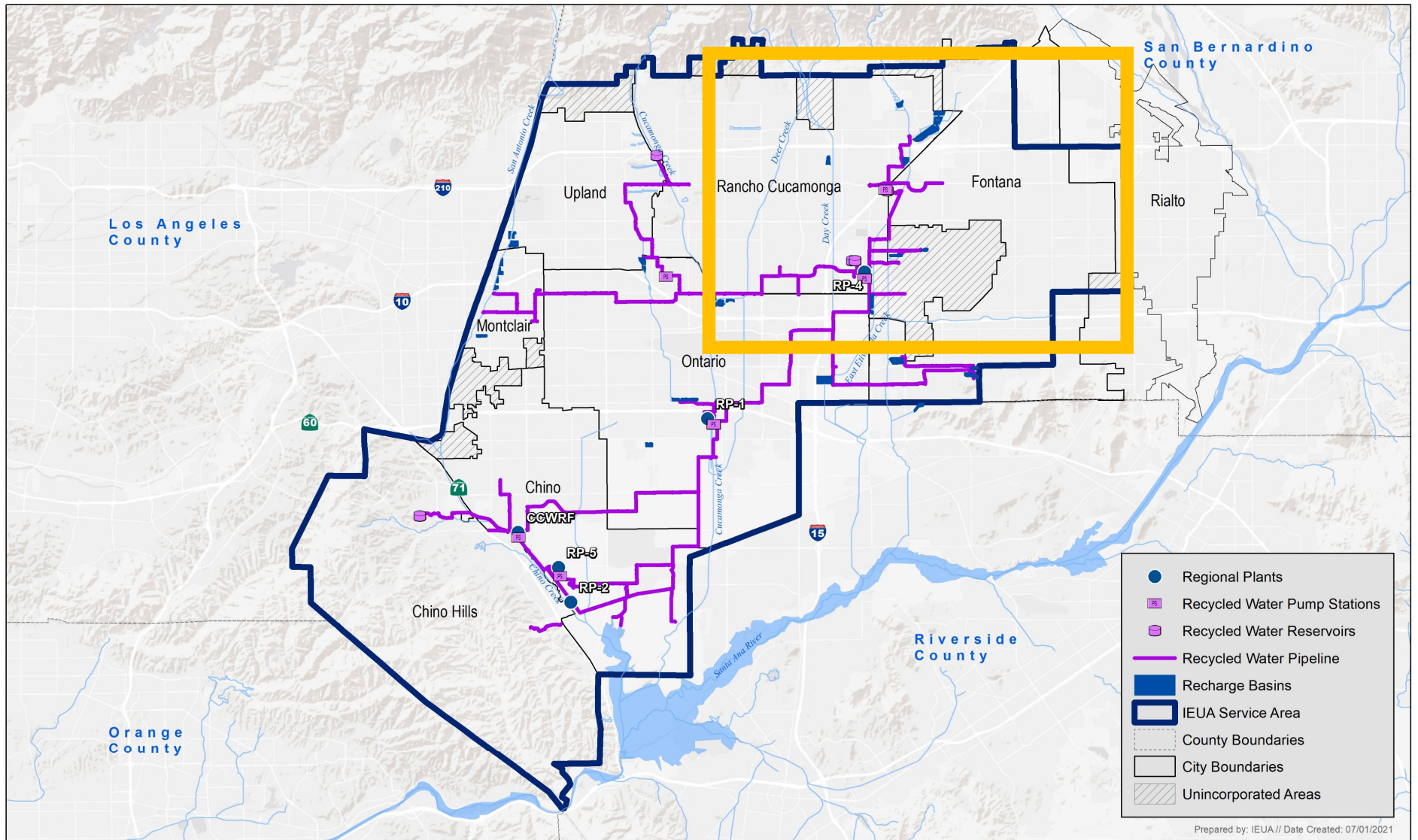
Facility	2026 Cost (\$ M)	Benefits
Advanced Water Purification Facility (15 MGD)	\$232 M	• Advance treat recycled water for storage in groundwater basin • Remove salts, constituents of emerging concern (CEC's)
Recycled Water Pipeline	\$125 M	• Direct recycled water to provide steady flow for Advanced Water Purification Facility
Pure Water Recharge Facilities (aquifer replenishing wells, conveyance, GWR facilities)	\$181 M	• Store purified water in Chino Basin aquifer for future use. • 15,000 AF of water to be stored each year
Extraction Facilities (wells, conveyance)	\$337 M	• New wells to pump stored recycled water from aquifer • 40,000 AF production capacity
MWD Interconnection	\$133 M	• Pump-in connection to move 10,000 AF pumped groundwater to Metropolitan
Total	\$1,008 M	



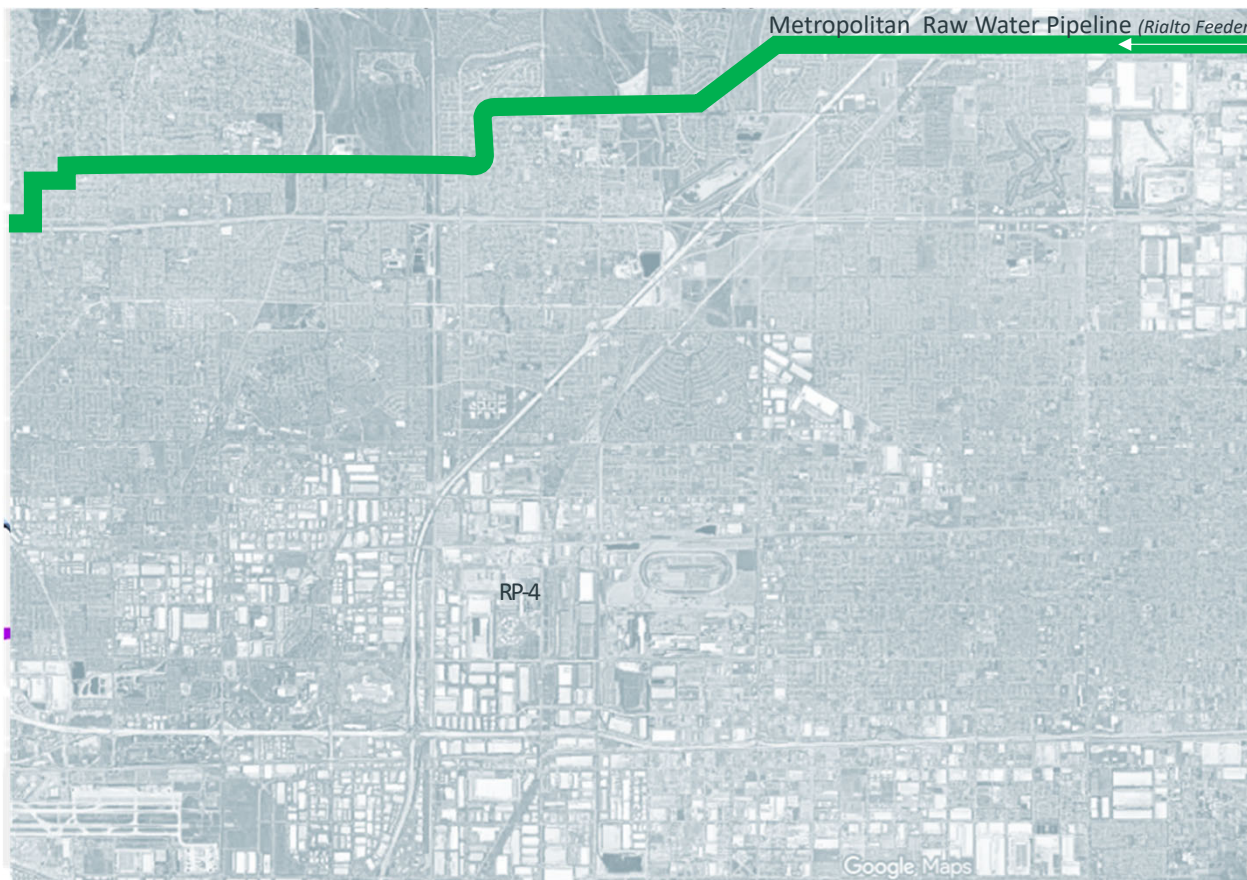
Interconnectivity of State Public Benefit Contracts and Agreements







Existing Infrastructure

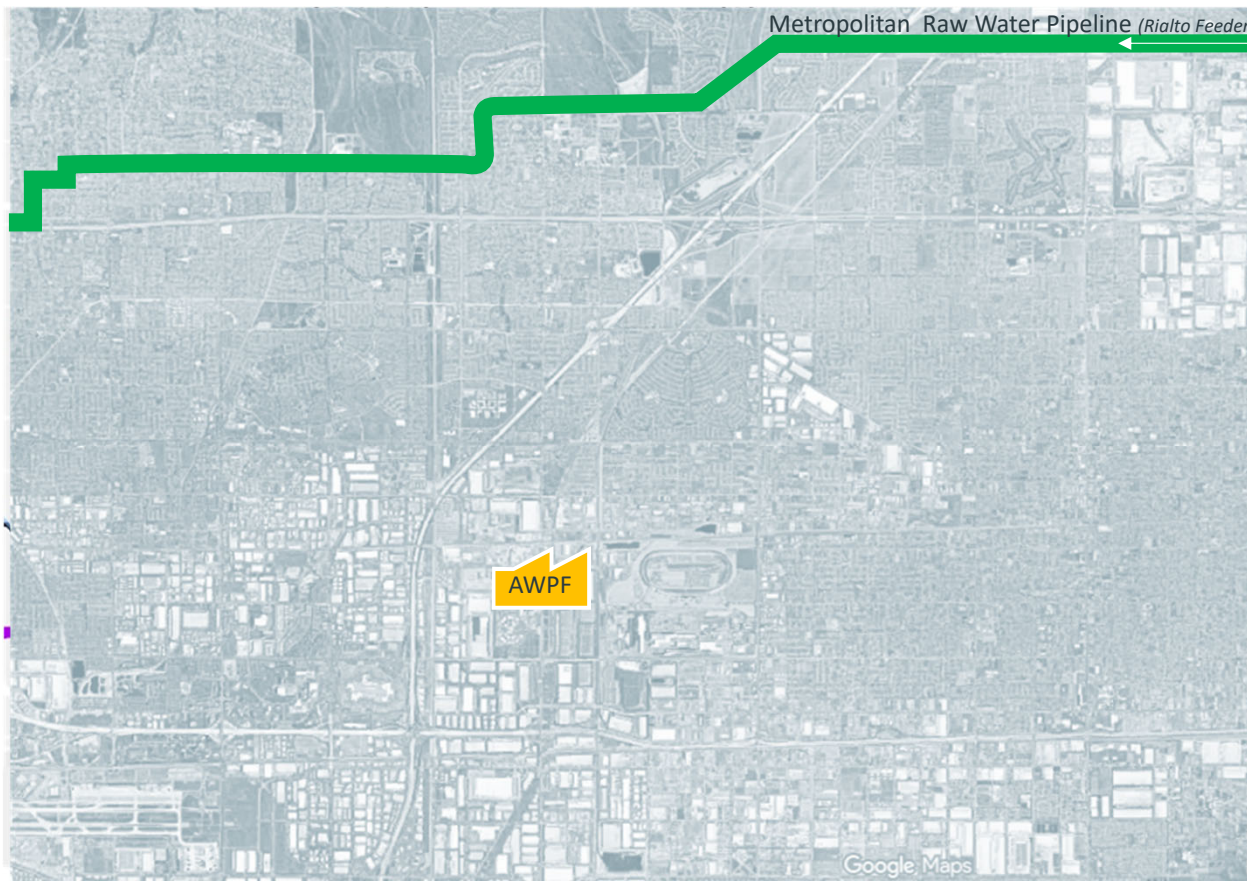


LEGEND

- Metropolitan State Water Project Pipeline (Rialto Feeder)
- IEUA Recycled water pipelines
- Existing active recharge basins for flood, stormwater/recycled water capture
- NEW Supplemental Recycled water pipeline (Rialto)
- ⚙️ Pure Water pipeline and aquifer replenishing wells
- Existing potable water pipeline
- Existing reservoir
- ⚙️ Existing pump station
- ▲ Existing groundwater well
- NEW pumped water pipeline
- NEW reservoir
- ⚙️ NEW pump station
- ▲ NEW groundwater well



New 15 MGD Advanced Water Purification Facility

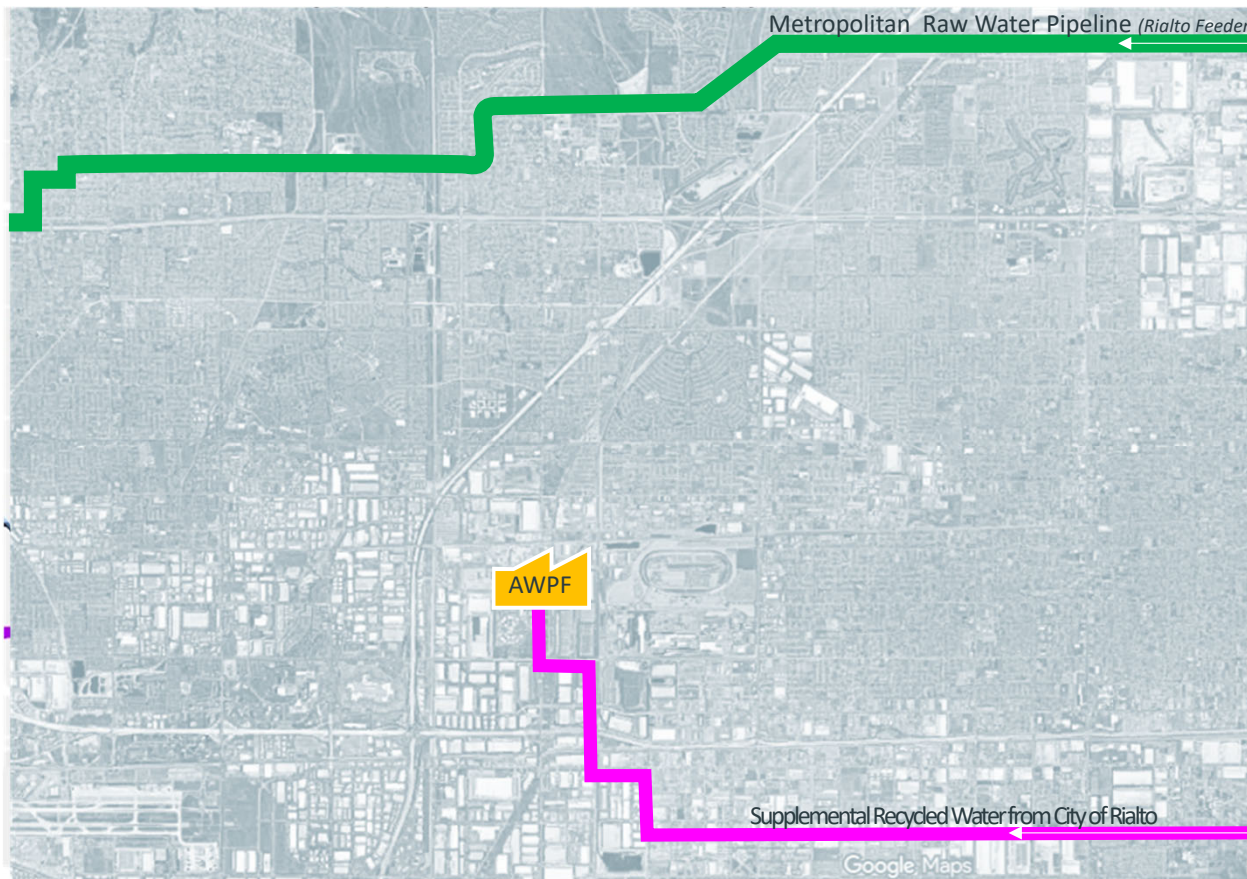


LEGEND

-  Metropolitan State Water Project Pipeline (Rialto Feeder)
-  IEUA Recycled water pipelines
-  Existing active recharge basins for flood, stormwater/recycled water capture
-  NEW Supplemental Recycled water pipeline (Rialto)
-  Pure Water pipeline and aquifer replenishing wells
-  Existing potable water pipeline
-  Existing reservoir
-  Existing pump station
-  Existing groundwater well
-  NEW pumped water pipeline
-  NEW reservoir
-  NEW pump station
-  NEW groundwater well



Supplemental Recycled Water from City of Rialto

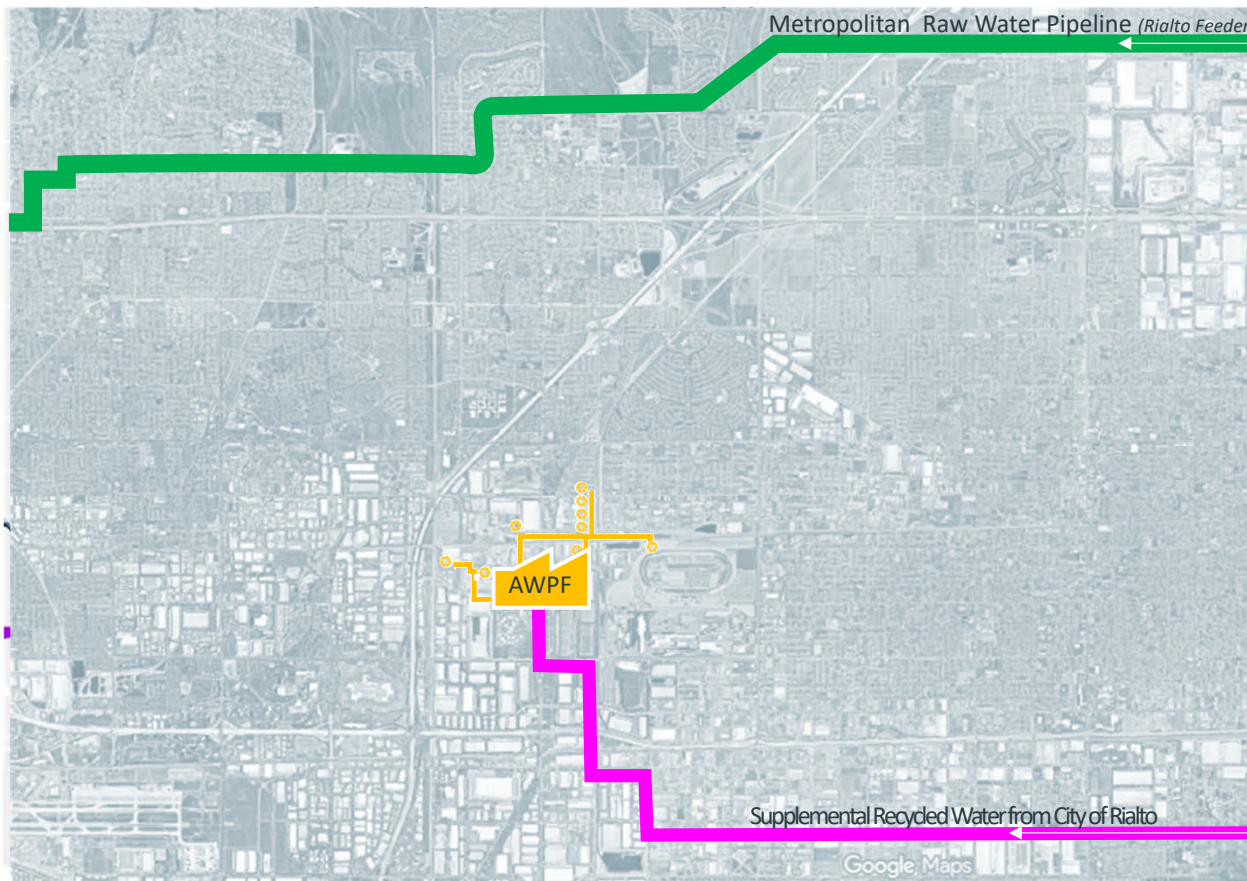


LEGEND

- Metropolitan State Water Project Pipeline (Rialto Feeder)
- IEUA Recycled water pipelines
- Existing active recharge basins for flood, stormwater/recycled water capture
- NEW Supplemental Recycled water pipeline (Rialto)
- Pure Water pipeline and aquifer replenishing wells
- Existing potable water pipeline
- Existing reservoir
- Existing pump station
- Existing groundwater well
- NEW pumped water pipeline
- NEW reservoir
- NEW pump station
- NEW groundwater well



Pure Water Pipeline and Replenishing Wells

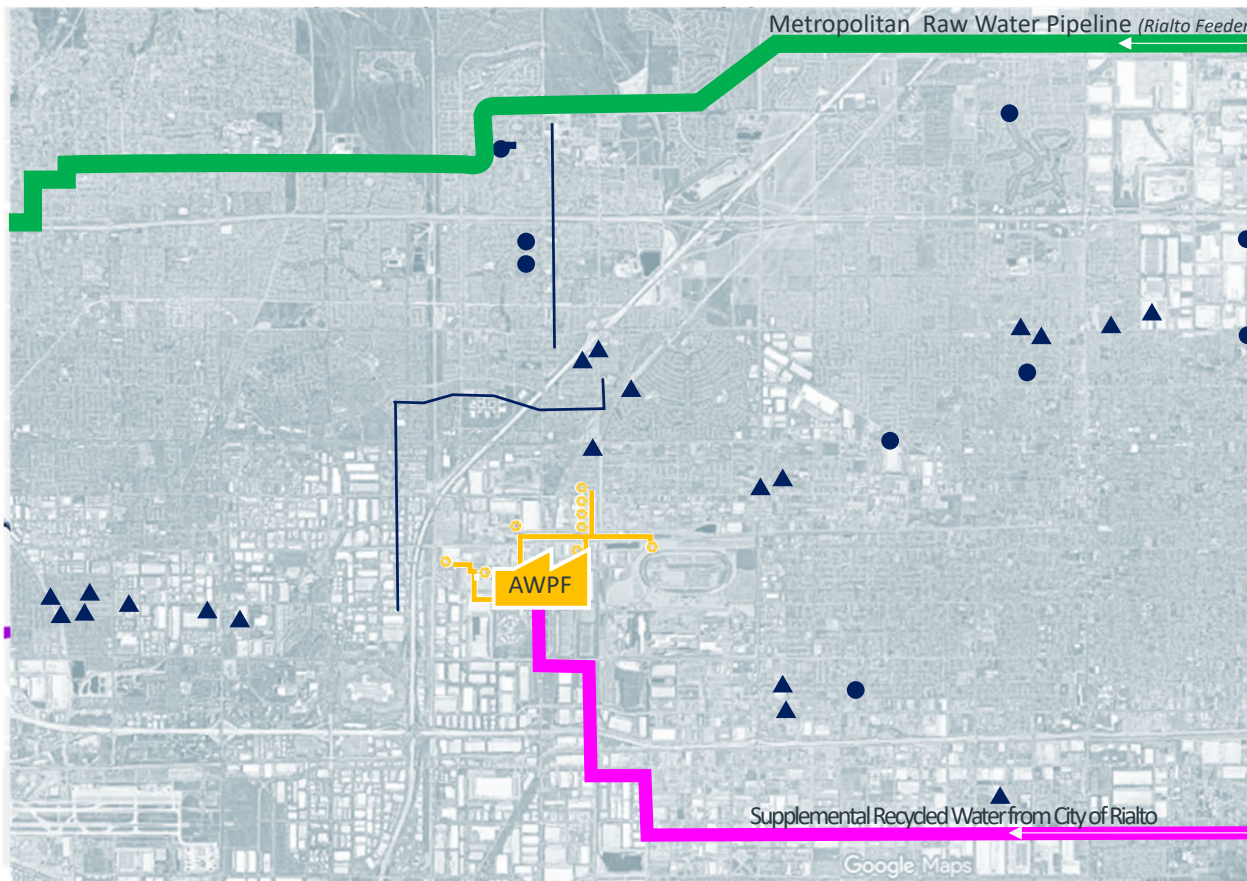


LEGEND

- Metropolitan State Water Project Pipeline (Rialto Feeder)
- IEUA Recycled water pipelines
- Existing active recharge basins for flood, stormwater/recycled water capture
- NEW Supplemental Recycled water pipeline (Rialto)
- Pure Water pipeline and aquifer replenishing wells
- Existing potable water pipeline
- Existing reservoir
- Existing pump station
- Existing groundwater well
- NEW pumped water pipeline
- NEW reservoir
- NEW pump station
- NEW groundwater well



Existing partner agency infrastructure (wells, pumpstations, pipelines)

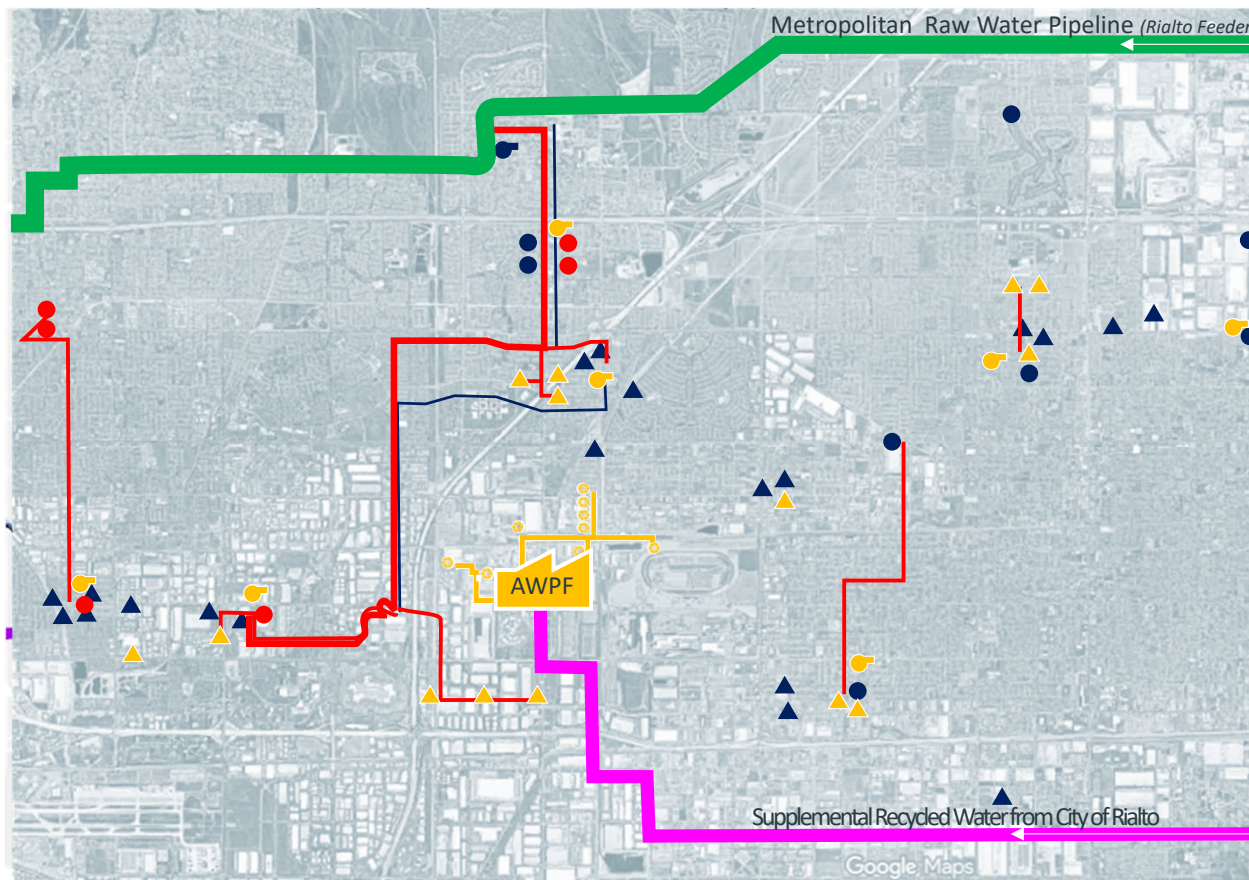


LEGEND

- Metropolitan State Water Project Pipeline (Rialto Feeder)
- IEUA Recycled water pipelines
- Existing active recharge basins for flood, stormwater/recycled water capture
- NEW Supplemental Recycled water pipeline (Rialto)
- Pure Water pipeline and aquifer replenishing wells
- Existing potable water pipeline
- Existing reservoir
- Existing pump station
- Existing groundwater well
- NEW pumped water pipeline
- NEW reservoir
- NEW pump station
- NEW groundwater well



New production well infrastructure and interconnection to Metropolitan

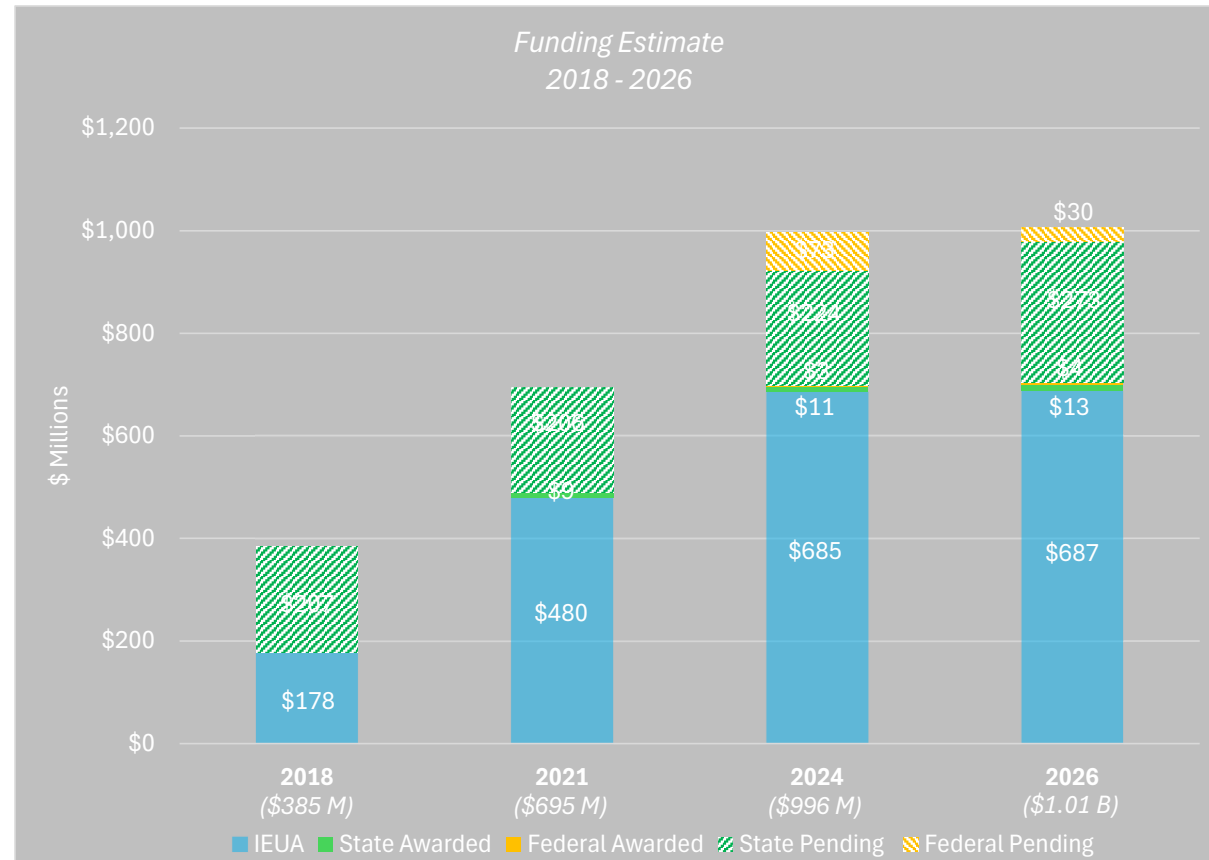
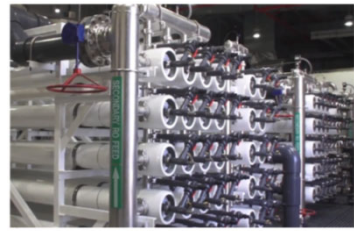


LEGEND

- Metropolitan State Water Project Pipeline (Rialto Feeder)
- IEUA Recycled water pipelines
- Existing active recharge basins for flood, stormwater/recycled water capture
- NEW Supplemental Recycled water pipeline (Rialto)
- Pure Water pipeline and aquifer replenishing wells
- Existing potable water pipeline
- Existing reservoir
- Existing pump station
- Existing groundwater well
- NEW pumped water pipeline
- NEW reservoir
- NEW pump station
- NEW groundwater well



Chino Basin Program Funding





CBP Construction and Implementation Milestones

- ☒ Complete Treatment and Storage Facilities PDR Work
 - AWPf (2023)
 - City of Rialto RW Interconnection (2024)
 - Replenishing Wells (2023)
 - Permitting and Regulatory Strategy (2023)
 - Updated cost estimates
- ☒ Complete CBP CEQA Certification (2022)
- ☒ Award Program Manager/Owner's Engineer Contract (2023)
- ☒ Exploratory Boreholes (2024)
- ☒ Execute Rialto RW Purchase Agreement (2024)
- ☒ Execute IEUA-MWD CBP Agreement (2024)
- ☒ Award Progressive Design Build Contract for AWPf and City of Rialto RW (summer 2025)
- ☒ Carriage/Efficiency Credit and SWP O&M resolution (spring 2026)
 - DWR | USBR | IEUA
- ☒ Staff Draft State Public Benefit Contracts for WSIP Funds (spring 2026)
 - ✓ CDFW | ✓ DWR | ✓ SWRCB
- ☒ Wastewater Change of Use Permit submittal (May 2026)
- ☒ CBP CEQA Re-Certification (July 2026)
- ☒ Complete Extraction Facilities PDR Work (summer 2026)
- ☐ Final Local Performance Agreements (Dec 2026)
- ☐ Environmental finding of consistency (winter 2026/27)
- ☐ Final State Public Benefit Contracts (summer 2027)
- ☐ WSIP Final Funding Hearing (fall 2027)
- ☐ Complete construction
 - Rialto RW Interconnection (2027-2031)
 - AWPf (2027-2031)
 - Replenishing Wells (2027-2030)
 - MWD interconnection (2028-2031)
 - Extraction Wells (2028-2031)
- ☐ Facilities start-up commissioning, operations begin (2031-2032)



Thank You

Project Information:



www.chinobasinprogram.org

Elizabeth Hurst

Chino Basin Program Manager
ehurst@ieua.org