



## Water Storage Investment Program Quarterly Report

The Quarterly Reporting covered by this template documents applicants' progress toward complying with regulation section 6013 to receive a final WSIP funding hearing with the Commission as well as any changes to the physical quantity and type of public benefit being provided by the project.

Applicants must provide an update of the project status for the requirements and milestones listed below. Applicants may deviate from this fill-in format, however, please provide the information requested in this template.

### **Project Information**

Project name:

Chino Basin Program

Applicant name:

Inland Empire Utilities Agency

Date:

January 30, 2025

Reporting period:

October 1, 2024, through December 31, 2024

Provide a brief project description:

The Chino Basin Program (CBP) is a series of innovative water treatment and storage projects structured to modernize regional water supplies, storage, and delivery systems. Through several water infrastructure improvement projects, the CBP will help address challenges caused by imported water supplies variability through the development of new, local water supplies, thus increasing local water supply resiliency and reliability while simultaneously providing water to support salmonids in the Bay-Delta ecosystem through a series of exchange agreements.

The CBP consists of infrastructure made up of "Put" facilities such as an Advanced Water Purification Facility (AWPF) at IEUA's existing Regional Water Recycling Plant No. 4 (RP-4) in Rancho Cucamonga, supplemental recycled water supplies, storage facilities such as aquifer replenishing wells and conveyance to place the treated water into the groundwater basin, and "Take" facilities such as groundwater extraction wells and conveyance to extract stored supplies at a later date.

The AWPF will create 15,000 acre-feet (AF) of new, purified recycled water annually. Approximately 6,000 AF per year of supplemental recycled water will be purchased from the City of Rialto and Western Riverside County Regional Wastewater Authority (WRCRWA) to augment the source supplies for the AWPF during the peak recycled water use demands. The purified water will be stored in the Chino Basin aquifer. This may be done through aquifer replenishing wells, and new or existing groundwater recharge infrastructure. After the water is stored, the program will include groundwater extraction wells with a 40,000 AF capacity to pump the purified water supply out of the basin and pipeline conveyance that will distribute the new water supply to our partnering agencies for local use. With these new facilities, the CBP will develop 375,000 AF of local

supplies to be exchanged to facilitate pulse flow releases from the Oroville Reservoir to the Feather River to benefit native fish species during a 25-year period.

Provide a brief description of public benefits:

The CBP will provide numerous public benefits including the three defined and identified as follows by the Water Storage Investment Program (WSIP).

**(1) Ecosystem Public Benefit:** The CBP will provide a total exchange of 375,000 AF of water for the California Department of Fish and Wildlife (CDFW) to manage for the purposes of improving habitat for native fish populations in the Bay-Delta watershed. This exchange will occur through a partnership agreement with Metropolitan Water District of Southern California (MWD). Up to 50,000 AF of Table A water will be transferred to CDFW over the 25-year project term.

**(2) Water Quality Public Benefit:** Water quality benefits will be provided locally, in the Chino Basin, by treating 15,000 AF a of recycled wastewater annually using advanced water purification technology. This treatment process will reduce the total dissolved solids concentrations on average by approximately 500 milligrams per liter. The purified water would then be stored in the Chino Basin aquifer.

**(3) Emergency Response Public Benefit:** When water supplies are impacted for example by a catastrophic event, an unplanned service interruption, or water shortages during low allocation years, the new production facilities can be used to provide up to 50,000 AF of water to meet local emergency supply needs.

Current total project cost:

Total project cost is currently estimated at \$985.5 million (\$695.5 million in 2023\$ based on AACE Class 4 estimate for "Put" Facilities and \$290 million in 2019\$ based on AACE Class 5 estimate for "Take" Facilities).

## **General Update and Key Issues**

Provide a general update and describe any **key issues** that occurred during this reporting period. You may attach additional documents or pages if more space is needed:

**Advanced Water Purification Demonstration Facility** – The 90% design was completed with consideration of comments received during the 60% design review workshop (workshop held the previous quarter). Coordination with IEUA O&M staff continues pertaining to control strategy and asset management.

**Advanced Water Purification Facility** – The Request for Qualifications (RFQ) for the AWPf progressive design build (PDB) project was due in October 2024. Three PDB teams submitted their SOQs in response to the RFQ. Three PDB teams were prequalified for the AWPf PDB project based on the review of their Statement of Qualifications (SOQs) conducted by a panel consisting of IEUA and external agencies. The Request for Proposals (RFP) for the AWPf PDB project was issued on November 14, 2024, with a due date of February 20, 2025.

**Rialto RW Pipeline** – The RFQ for the Rialto Recycled Water Pipeline progressive design build (PDB) project was also due in October 2024. Seven PDB teams submitted their SOQs in response to the RFQ. A panel consisting of IEUA and external agencies reviewed the SOQs and prequalified three PDB teams who were notified on December 16, 2024, of the anticipated RFP for the Rialto Recycled Water Pipeline PDB project, with a due date of March 3, 2025. The application for the 1211 wastewater diversion petition for the City of Rialto was completed and coordination with the various resource agencies has begun.

**Aquifer Replenishing Wells | Exploratory Boreholes/Monitoring Wells** – For the first exploratory borehole AR-MW-03), with the completion of the drilling and testing during the previous quarter, during the most recent quarter the borehole was being converted into a permanent monitoring well. The drilling of the second exploratory borehole AR-MW-02 is 60% complete.

**TAKE (Groundwater Extraction/Distribution) Facilities** – A workshop was held with Metropolitan Water District to discuss an overview of the interconnection to the Rialto Pipeline, the infrastructure preferences for the interconnection, and the water quality requirements for the pump-in water.

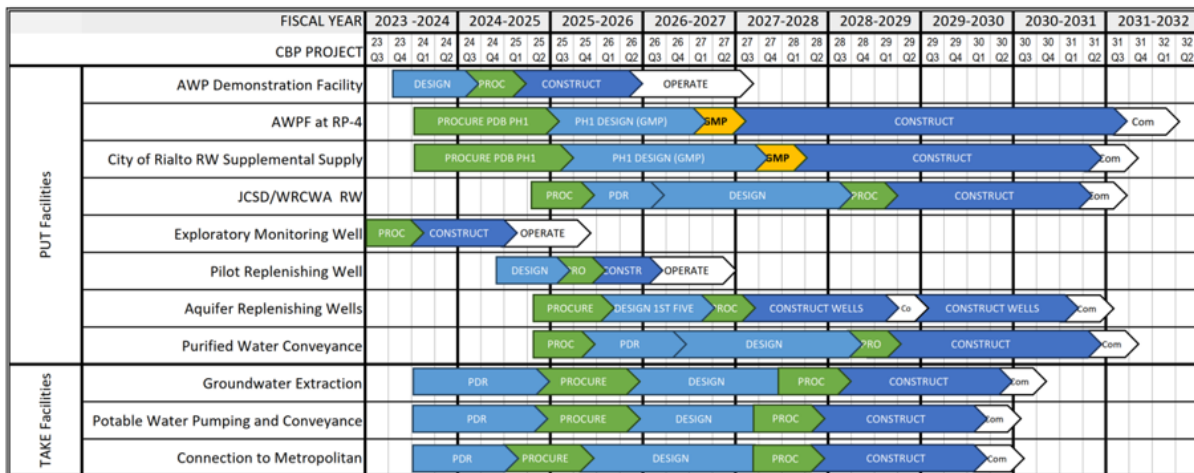
**Communications and Outreach** – In October 2024, IEUA and GEI attended an in-person meeting in Sacramento with Metropolitan, CDFW, and DWR to discuss the overview of the Chino Basin Program, the various agreements needed to enable a pulse flow, clarification on the roles and responsibilities of the parties, and other issues. In November 2024, IEUA and GEI attended an in-person meeting with the public benefit agencies (CDFW, SWRCB, and DWR) to discuss any agency concerns of the draft CAPBs and updates to the CAPBs per their requirements with the goal of developing the final CAPBs in mid-2025. In December 2024, IEUA and GEI attended an in-person meeting with CDFW to further develop the CAPB terms and the adaptive management plan.

Attach latest project schedule. In addition, describe below how the actual schedule is progressing in comparison to the schedule provided in the last reported schedule:

IEUA and partner agencies continue to work together to define CBP elements on a schedule consistent with the proposed commitments to achieve local and statewide public benefits. An overview of the CBP’s schedule is shown below. See Attachment A for a detailed schedule for each CBP project.

# Schedule Overview Updated 04/30/2024

Commission AWPf-  
July 2031



**LEGEND**

- DESIGN
- PROCUREMENT
- CONSTRUCTION
- COMMISSIONING

**ACRONYMS**

- PDB      PROGRESSIVE DESIGN BUILD
- AWPF    Advanced Water Purification Facility
- RP-4    IEUA's Regional Water Recycling Plant No. 4
- JCSD    Jurupa Community Services District
- WRCRWA    Western Riverside County Regional Wastewater Authority

Note any milestones or accomplishments that occurred since submitting the prior Quarterly Report:

IEUA continues to make progress in planning and designing the CBP. For the Advanced Water Purification Demonstration Facility, the 90% drawings and specifications were completed and distributed for review in December 2024. A review meeting is scheduled for 1<sup>st</sup> quarter of 2025 to address comments from IEUA’s Operations and Information Technology departments. Statement of Qualifications were received from qualified consultant teams for the Advanced Water Purification Facility and the Rialto Recycled Water Interconnection progressive design build (PDB) projects. A review panel of IEUA and member agency staff evaluated the submittals and prequalified three PDB teams for each project. Requests for Proposals (RFPs) have been issued to these PDB teams and submittal proposals will be reviewed in the first quarter of 2025. The Metropolitan-IEUA Performance/Exchange Agreement was approved by Metropolitan and IEUA Boards in October 2024. In November 2024, USBR announced that IEUA’s grant application submitted to USBR’s Large-Scale Water Recycling Grant Program was selected for a \$10.8 million grant award. This funding will support construction of the AWPf, aquifer replenishing/injection wells, and purified water conveyance. IEUA anticipates completing the funding agreement with USBR in mid-2025.

**Items Required Prior to Scheduling a Final Award Hearing**

The following items must be provided prior to scheduling a final award hearing. Please describe the status and include the estimated completion date for the following items. These dates should align with any attached project schedule.

**1. Contracts for non-public benefit cost share:**

List all required contracts for non-public benefit cost share, and provide the amount of associated funds, the status and estimated completion date. Please note any issues or concerns that have, will, or could affect the timing of executing contracts for non-public benefit cost share.

Contract Name	\$ Amount	Status	Est Completion Date
IEUA local funding	\$664.5 million (estimated)	Balance of total program costs. Financing of capital and operating costs will be financed with cost recovery through IEUA wastewater rates and agreements with local participating agencies.	2027
		Work for the AWPf and the Rialto RW Supplemental Supply will be issued through progressive design build (PDB) contracts. The solicitation process for these two projects have begun and it is anticipated that a recommendation to award the contracts will be made in July 2025.	2025
		The other CBP projects (Aquifer Replenishing Wells, Purified Water Conveyance, Extraction Facilities, and MWD Interconnection) will be issued by traditional design-bid-build methods.	2026

**2. Contracts for administration of public benefits (CAPB):**

Provide a status for each applicable administering agency Draft and Final CAPB and estimated completion date for both. The Draft CAPB completion date is when the Commission receives the Draft CAPB for a subsequent

Commission meeting. The Final CAPB completion date is when it will be executed. Please note any issues or concerns that have, will, or could affect the timing of executing CAPBs or could change the magnitude of the public benefits that could affect cost allocation.

CAPB Admin Agency	Status	Est Completion Date
SWRCB (Water Quality)	<p>Staff has continued discussions with SWRCB on adaptive management, monitoring, and reporting plans to work towards the Contract for administration of Public Benefit (CAPB). Draft language has been reviewed by SWRCB and comments and will be discussed next quarter.</p> <p>Staff met with all three public benefit agencies and CWC staff in a common meeting to improve coordination on issues. Staff will meet with SWRCB in the first quarter of 2025 to work on refinements to the CAPB.</p> <p><u>Issue</u> – Outside of CAPB, the SWRCB is concerned about timing of other permits including the IEUA 1211 wastewater change petition. This effort is being coordinated with the City of Rialto’s 1211 wastewater change petition.*</p>	TBD per CWC requirements
DWR (Emergency Response)	<p>Staff held ongoing discussions with DWR on adaptive management, monitoring, and reporting plans to work towards the CAPB. Draft language has been written for review and DWR has provided a draft CAPB.</p> <p>As noted above, Staff met with DWR as part of the meeting held with all three public benefit agencies and CWC staff. Staff will meet with DWR in the first quarter of 2025 to work on refinements to the CAPB. *</p>	TBD per CWC requirements
CDFW (Ecosystem)	<p>Staff held ongoing discussions with CDFW on adaptive management, monitoring, and reporting plans to work towards the CAPB. Draft language has been reviewed by CDFW and comments will be discussed next quarter.</p> <p>IEUA held an in-person workshop In October 2024 with MWD, DWR (SWP), and CDFW to walk through the exchange process for a potential pulse flow year. This workshop helped refine details of the DWR-MWD and DWR-CDFW agreements, and the ecosystem CAPB between IEUA-CDFW. In November 2024, IEUA met with CDFW and CWC staff to continue the collaboration on the CAPB. Another in-person meeting was held in December 2024 between IEUA and CDFW to review any comments on the draft CAPB/AMP.</p> <p>Staff will meet with CDFW in the first quarter of 2025 to further the collective work addressing comments on the CAPB by CDFW.</p> <p><u>Issue</u> –Timing of DWR-CDFW discussions and agreement. *</p>	TBD per CWC requirements

\* “Who signs first” is a concern for all the contracts. Each agreement is contingent upon and shall only become effective if all of the other agreements are completed; staff are working to coordinate to ensure consistency among all of the agreements. See Attachment B for a summary of relationships between CAPBs and other CBP-related agreements.

### 3. Completed feasibility studies:

Completion Date: Chino Basin Program Feasibility Study, IEUA, October 2021

**4. Completed environmental documentation:**

Provide the status and estimated completion date for all required environmental documentation (draft and final) for the project, including all Board resolutions adopting or certifying CEQA environmental documents, CEQA findings, mitigation monitoring and reporting program, Notice of Determination (NOD), and CEQA Addenda, and all NEPA completion documents, including the Record of Decision (ROD). Please note any issues or concerns that have, will, or could affect the timing of providing complete environmental documentation at the state or federal level.

<b>Environmental Document</b>	<b>Status</b>	<b>Est Completion Date</b>
State Document	Final PEIR Chino Basin Program, IEUA	May 2022
	Final Supplemental EIR regarding Pulse Flow Component of the WSIP, DWR	July 2024
	Project level CEQA	2026
	1211 Wastewater Change Petition, IEUA	2026
Federal Document	n/a – No impact to endangered species or wetlands per PEIR	

**5. All required federal, state, and local approvals, certifications, and agreements:**

List permits needed for project to begin construction, describe status in acquiring them, and include estimated date to be acquired. Please note any issues or concerns that have, will, or could affect the timing of acquiring all federal, state, and local approvals, certifications, agreements, and permits necessary to begin project construction.

<b>Approvals / Certifications / Agreements / Permits</b>	<b>Status</b>	<b>Est Date Acquired</b>
SWRCB Division of Water Rights	Wastewater Change Petition for reductions in wastewater discharges to Cucamonga Creek and Chino Creek associated with the IEUA Advanced Water Purification Facility at RP4	2025
SWRCB Division of Water Rights	Wastewater Change Petition for reductions in wastewater discharges to the Santa Ana River associated with the City of Rialto RW Supplemental Supply project	2025
SWRCB Division of Water Rights	Petition for Instream Flow Dedication (Water Code section 1707) - DWR filed the petition in August 2024 with the Water Board.	2025
CDFW – DWR Agreement	DWR shared a working draft of the Pulse Flow Agreement between CDFW and DWR. There are details to be worked out after the terms in the ecosystem CAPB are finalized between IEUA and CDFW.	2025
Local Performing Partner Agreement	The CBP Term Sheet with participating agencies, Cucamonga Valley Water District (CVWD) and Fontana Water Company (FWC), was approved by the partners and IEUA Board of Directors in March 2024. This Term Sheet establishes local performance to facilitate an exchange agreement with MWD. Final partner agreement will depend on total program costs.	2026
Metropolitan Water District of Southern California-IEUA Performance/Exchange Agreement	The Metropolitan-IEUA Performance/Exchange Agreement was approved by Metropolitan and IEUA Boards in October 2024.	Oct 2024
DWR - Metropolitan Water District of Southern California - CBP Water Exchange Agreement	<p>IEUA held an in-person workshop with Metropolitan, DWR (SWP), and CDFW to walk through the exchange process for a potential pulse flow year. During this workshop details of the exchange were defined, which will be included in the DWR- Metropolitan and DWR-CDFW agreements, and the ecosystem CAPB between IEUA-CDFW.</p> <p>DWR shared a working draft of the CBP Water Exchange Agreement between DWR and Metropolitan. This agreement takes into consideration the determination that Article 15a of the SWP contract with Metropolitan will be used to facilitate the water exchange by adding a diversion point at the Oroville complex that will serve as the exchange point for DWR to make a pulse flow. Key issues that remain to be resolved include the efficiency credit methodology and the SWP O&amp;M costs allocation.</p>	2025
DWR - IEUA CBP Water Exchange Agreement	As noted above, DWR completed a working draft of the CBP Water Exchange Agreement between DWR and Metropolitan and Pulse Flow Agreement between CDFW and DWR. DWR is considering a separate agreement between DWR and IEUA to cover certain CBP Water Exchange elements that DWR believes IEUA would support. IEUA has ongoing questions regarding how these elements are supported and disputes the inclusion of these elements in this proposed agreement, such as efficiency credits. These elements are expected to be addressed in the DWR-Metropolitan agreement. Clarity on these questions and this dispute should be provided as the DWR-Metropolitan agreement is completed.	2025

## Items Required to Execute a Funding Agreement

Provide an update on the following documents needed to execute a funding agreement for the project and indicate if any significant change has occurred. The Commission may request updated information prior to executing a funding agreement.

	Status	Significant Change?
Applicant's audited financial statements	Audited financial statements will be provided prior to the execution of a funding agreement.	n/a
Final project costs, schedule, and scope of work	For the AWPf and Rialto Recycled Water Interconnection, the final project costs and schedule will be obtained after the selection of the Progressive Design Builder (summer 2025) who will provide the guaranteed maximum price. For the "Take" projects, the preliminary design work will provide updated project costs in 2025.	Yes
Evidence of bilateral communications with operators and owners of potentially impacted facilities regarding potential impacts of the proposed project to their facilities	For the CBP projects, communications with various agencies are ongoing and will continue to be held to identify potential impacts.	n/a
Limited waiver of sovereign immunity	n/a	n/a

## Status Update

Provide a status update for the following and indicate if any significant change has occurred. The Commission may request updated information prior to executing a funding agreement.

	Status	Significant Change?
Labor Compliance	IEUA complies with the California public contracting and labor codes	None
Urban Water Management Plans	2020 Urban Water Management Plan – completed 2025 Urban Water Management Plan – under development	None
Agricultural Water Management Plans	n/a (IEUA is a municipal water wholesaler and is not required to complete an Agricultural Water Management Plan)	n/a
Potential effect on other conditional eligible projects on the applicant's public benefits	No negative potential effects to other WSIP public benefits projects are anticipated. CDFW will manage the request for pulse flows from each project proponent and may combine impacts to optimize ecosystem benefits.	None



## Other Pertinent Information:

### 1. Sources of Funding

List sources of funding (e.g., Federal, State grants, local partnerships, rate payers, loans...) to move the project to construction and provide the associated amount of funds from that source and a status of obtaining that funding source below:

Funding Sources	\$ Amount (millions)	Status	Est Award Date
USBR RW & Desal. Planning	\$2.8	CBP project planning efforts. Awarded.	April 2024
MWD Future Supply Actions	\$0.4	AWP Demonstration Facility. Awarded.	September 2024
Community Project Request	\$1.1	Application for AWP Demonstration Facility submitted March 2024. Pending federal congressional approval.	October 2024
USBR Large Scale Recycled Water	\$10.8	Application and Feasibility Study to help fund construction of the AWP, aquifer replenishing/injection wells, and purified water conveyance. USBR approved the Feasibility study and selected the application for award in November 2024. The funding agreement between USBR and IEUA is anticipated in mid-2025.	Spring 2025
FEMA BRIC	\$46.3	Rialto recycled water interconnection project. Conditional award (July 2023). Final award pending.	Spring 2025
SWRCB Water Recycling Funding Program	\$3.0	Rialto recycled water interconnection project. Application submitted in 2023. Pending SWRCB approval.	Summer 2025
EPA WIFIA Loan	TBD	Full CBP. Letter of Interest in process. Anticipate submitting full application in 2025.	2025
CWC Water Storage Investment Program	\$204.2	Full CBP. Conditionally awarded pending required agreements and permits.	2027
IEUA local funding	\$664.5 (estimated)	Full CBP balance of program costs. Current estimates based on completed and in process preliminary design work. Final local funding of rates is to be determined based on grants, loans, and pending IEUA Board approval of guaranteed maximum price of contractors/design builders.	2027

## 2. Early Funding Agreement Status

Provide the status of the Early Funding Agreement (EFA), as applicable, and the percentage of EFA funds expended. If the EFA has been closed, describe how the remaining work needed to move the project to a final award hearing will be financed.

Status	Percentage of EFA funds expended
The IEUA Board authorized \$15,000,000 for planning efforts in 2019. The Early Funding Agreement was executed in 2021 and amended in 2023 for a total amount of \$10,763,270. To date, \$10,259,262 has been requested for reimbursement through seven invoices. \$9,021,582 with 10% retention has been received to date. Invoice No. 7 has a pending reimbursement of \$235,383. Invoice No. 8 will be submitted for review and reimbursement in the amount of \$504,008. Task 1 and Task 3 early funding reimbursements have been completed. The remaining task, Task 2, for permitting, agreements, and environmental documentation will encompass future early funding invoices.	86%

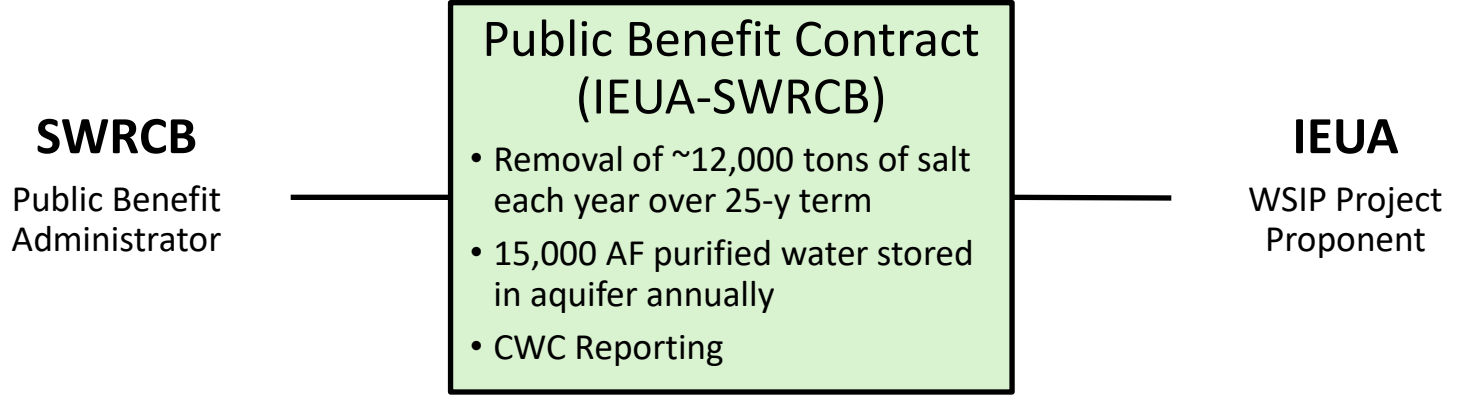
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Activity ID	Activity Name	Remaining Duration	Current Start	Current Finish	Total Float	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042
<b>Program Management</b>		921	26-Jul-23 A	16-Jun-28	964	Program Management, 16-Jun-28																		
<b>Quick Start</b>		52	26-Jul-23 A	15-Nov-24	84	Quick Start, 15-Nov-24																		
<b>Technical Studies</b>		235	02-Feb-24 A	20-Aug-25	171	Technical Studies, 20-Aug-25																		
<b>Permits &amp; Environmental</b>		686	21-Aug-25	16-Jun-28	964	Permits & Environmental, 16-Jun-28																		
<b>PUT Facilities</b>		1954	24-Jul-23 A	01-Apr-32	47	PUT Facilities, 01-Apr-32																		
<b>City of Rialto Supplemental Recycled Water Supply (PDB)</b>		1772	11-Mar-24 A	22-Jul-31	164	City of Rialto Supplemental Recycled Water Supply (PDB), 22-Jul-31																		
<b>Procure Progressive Design Build (PDB) Team</b>		210	11-Mar-24 A	16-Jul-25	149	Procure Progressive Design Build (PDB) Team, 16-Jul-25																		
<b>Board Approval of PDB</b>		0	16-Jul-25	16-Jul-25	155	Board Approval of PDB, 16-Jul-25																		
<b>Phase 1 Services</b>		507	17-Jul-25	16-Aug-27	149	Phase 1 Services, 16-Aug-27																		
<b>Guaranteed Maximum Price (GMP) Negotiations</b>		99	17-Aug-27	19-Jan-28	149	Guaranteed Maximum Price (GMP) Negotiations, 19-Jan-28																		
<b>Board Approval of GMP</b>		0	19-Jan-28	19-Jan-28	149	Board Approval of GMP, 19-Jan-28																		
<b>Construction</b>		820	20-Jan-28	12-Mar-31	157	Construction, 12-Mar-31																		
<b>Commissioning and Start-Up</b>		92	13-Mar-31	22-Jul-31	154	Commissioning and Start-Up, 22-Jul-31																		
<b>Advanced Water Purification Demonstration Facility</b>		786	24-Jul-23 A	06-Oct-27	36	Advanced Water Purification Demonstration Facility, 06-Oct-27																		
<b>Design Demonstration Facility (DBB)</b>		82	24-Jul-23 A	10-Jan-25	34	Design Demonstration Facility (DBB), 10-Jan-25																		
<b>Procure Contractor</b>		164	20-Sep-24	21-May-25	35	Procure Contractor, 21-May-25																		
<b>Board Approval of Construction Bid</b>		0	21-May-25	21-May-25	35	Board Approval of Construction Bid, 21-May-25																		
<b>Construction</b>		234	22-May-25	30-Apr-26	35	Construction, 30-Apr-26																		
<b>Commissioning and Start-Up</b>		64	01-May-26	03-Aug-26	34	Commissioning and Start-Up, 03-Aug-26																		
<b>Operate</b>		289	04-Aug-26	06-Oct-27	34	Operate, 06-Oct-27																		
<b>Advanced Water Purification Facility (PDB)</b>		1914	05-Dec-23 A	05-Feb-32	0	Advanced Water Purification Facility (PDB), 05-Feb-32																		
<b>Recycled Water – Water Quality Sampling</b>		75	05-Dec-23 A	20-Dec-24	216	Recycled Water – Water Quality Sampling, 20-Dec-24																		
<b>Procure PDB Team</b>		210	04-Mar-24 A	16-Jul-25	0	Procure PDB Team, 16-Jul-25																		
<b>Board Approval of PDB</b>		0	16-Jul-25	16-Jul-25	0	Board Approval of PDB, 16-Jul-25																		
<b>Phase 1 Services</b>		363	17-Jul-25	20-Jan-27	0	Phase 1 Services, 20-Jan-27																		
<b>Guaranteed Maximum Price (GMP) Negotiations</b>		103	21-Jan-27	16-Jun-27	0	Guaranteed Maximum Price (GMP) Negotiations, 16-Jun-27																		
<b>Board Approval of GMP</b>		0	16-Jun-27	16-Jun-27	0	Board Approval of GMP, 16-Jun-27																		
<b>Construction</b>		1066	17-Jun-27	24-Jul-31	140	Construction, 24-Jul-31																		
<b>Commissioning and Start-Up</b>		130	25-Jul-31	05-Feb-32	0	Commissioning and Start-Up, 05-Feb-32																		
<b>Exploratory Monitoring Well (Design-Bid-Build)</b>		83	24-Jul-23 A	01-Jan-25	56	Exploratory Monitoring Well (Design-Bid-Build), 01-Jan-25																		
<b>Procure Exploratory Monitoring Well Driller</b>		0	24-Jul-23 A	12-Jan-24																				
<b>Board Approval of Exploratory Monitoring Well Driller</b>		0	12-Jan-24 A	12-Jan-24																				
<b>Construction</b>		63	16-Jan-24 A	02-Dec-24	32	Construction, 02-Dec-24																		
<b>Commissioning and Start-Up</b>		30	03-Dec-24	01-Jan-25	78	Commissioning and Start-Up, 01-Jan-25																		
<b>Pilot Replenishment Well (Design-Bid-Build)</b>		614	03-Dec-24	03-May-27	1324	Pilot Replenishment Well (Design-Bid-Build), 03-May-27																		
<b>Design Pilot Well</b>		154	03-Dec-24	23-Jul-25	326	Design Pilot Well, 23-Jul-25																		
<b>Procure Pilot Well Driller</b>		99	24-Jul-25	17-Dec-25	326	Procure Pilot Well Driller, 17-Dec-25																		
<b>Board Approval of Pilot Well Driller</b>		0	17-Dec-25	17-Dec-25	326	Board Approval of Pilot Well Driller, 17-Dec-25																		
<b>Construction</b>		141	18-Dec-25	08-Jul-26	337	Construction, 08-Jul-26																		
<b>Commissioning and Start-Up</b>		34	09-Jul-26	25-Aug-26	333	Commissioning and Start-Up, 25-Aug-26																		
<b>Operate Pilot Well</b>		165	26-Aug-26	03-May-27	1240	Operate Pilot Well, 03-May-27																		
<b>Property Acquisition for Aquifer Replenishment Wells</b>		589	23-Oct-25	31-Mar-28	26	Property Acquisition for Aquifer Replenishment Wells, 31-Mar-28																		
<b>Aquifer Replenishment Wells (Staged Design-Bid-Build)</b>		1792	23-Apr-25	01-Apr-32	47	Aquifer Replenishment Wells (Staged Design-Bid-Build), 01-Apr-32																		
<b>Procure Wells Designer</b>		178	23-Apr-25	21-Jan-26	343	Procure Wells Designer, 21-Jan-26																		
<b>Board Approval of Wells Designer</b>		0	21-Jan-26	21-Jan-26	343	Board Approval of Wells Designer, 21-Jan-26																		
<b>Design First Group of Wells</b>		262	22-Jan-26	17-Feb-27	301	Design First Group of Wells, 17-Feb-27																		
<b>Procure Wells Driller for First Group of Wells</b>		107	18-Feb-27	21-Jul-27	587	Procure Wells Driller for First Group of Wells, 21-Jul-27																		
<b>Board Approval of Wells Driller</b>		0	21-Jul-27	21-Jul-27	587	Board Approval of Wells Driller, 21-Jul-27																		
<b>Construct First Group of Wells</b>		413	22-Jul-27	23-Feb-29	629	Construct First Group of Wells, 23-Feb-29																		
<b>Commissioning First Group of Wells</b>		60	26-Feb-29	18-May-29	698	Commissioning First Group of Wells, 18-May-29																		

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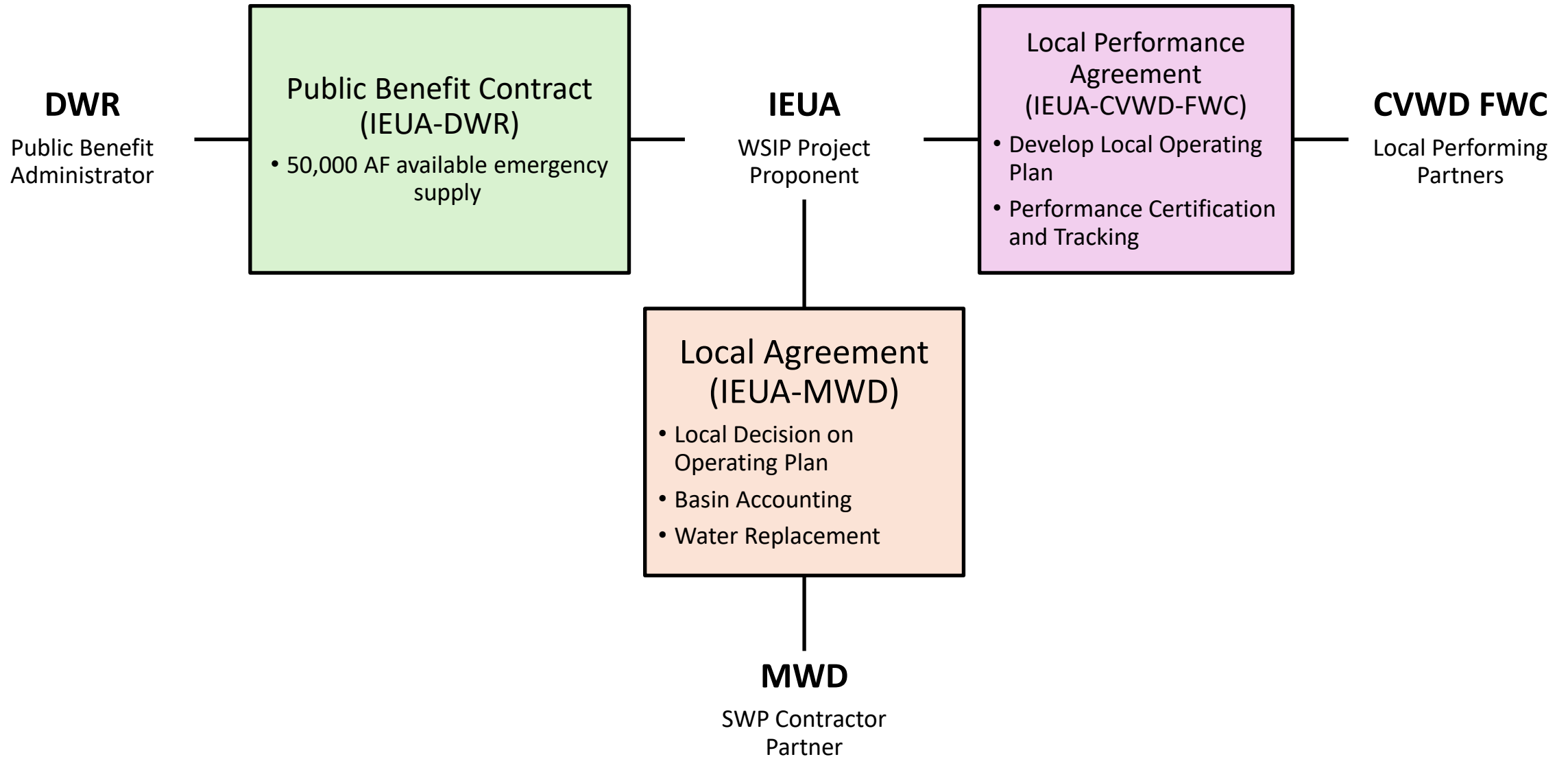
Activity ID	Activity Name	Remaining Duration	Current Start	Current Finish	Total Float	Timeline (2024-2041)																							
						2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041						
<b>Design Second Group of Wells</b>						[Gantt bars for Design Second Group of Wells, 02-Mar-29]																							
Negotiate Drill Agreement for Second Group of Wells						[Gantt bars for Negotiate Drill Agreement for Second Group of Wells, 16-May-29]																							
Board Approval for Wells Driller for Second Group of Wells						[Gantt bars for Board Approval for Wells Driller for Second Group of Wells, 16-May-29]																							
Construct second group of Wells						[Gantt bars for Construct second group of Wells, 08-Jan-32]																							
Commission Second group of wells						[Gantt bars for Commission Second group of wells, 01-Apr-32]																							
<b>Purified Water Conveyance (Design-Bid-Build)</b>						[Gantt bars for Purified Water Conveyance (Design-Bid-Build), 19-Mar-32]																							
Procure Designer						[Gantt bars for Procure Designer, 15-Oct-25]																							
Board Approval of Designer						[Gantt bars for Board Approval of Designer, 15-Oct-25]																							
Develop Preliminary Design Report (PDR)						[Gantt bars for Develop Preliminary Design Report (PDR), 07-Oct-26]																							
Design Phase Purified Water Conveyance						[Gantt bars for Design Phase Purified Water Conveyance, 19-Sep-28]																							
Procure Contractor						[Gantt bars for Procure Contractor, 21-Feb-29]																							
Board Approval of Contractor						[Gantt bars for Board Approval of Contractor, 21-Feb-29]																							
Construction						[Gantt bars for Construction, 25-Sep-31]																							
Commissioning and Start-Up						[Gantt bars for Commissioning and Start-Up, 19-Mar-32]																							
<b>TAKE Facilities</b>						[Gantt bars for TAKE Facilities, 02-Jul-30]																							
<b>Groundwater Extraction Wells</b>						[Gantt bars for Groundwater Extraction Wells, 02-Jul-30]																							
Procure Designer						[Gantt bars for Procure Designer, 17-Sep-25]																							
Board Approval of Designer						[Gantt bars for Board Approval of Designer, 17-Sep-25]																							
Design Phase - Wells						[Gantt bars for Design Phase - Wells, 15-Oct-26]																							
Procure Constructor - Wells						[Gantt bars for Procure Constructor - Wells, 12-May-27]																							
Board Approval of Constructor - Wells						[Gantt bars for Board Approval of Constructor - Wells, 19-May-27]																							
Construction - Wells						[Gantt bars for Construction - Wells, 12-Dec-28]																							
Commissioning and Start-Up - Wells						[Gantt bars for Commissioning and Start-Up - Wells, 23-Mar-29]																							
Design Phase - Facilities						[Gantt bars for Design Phase - Facilities, 24-Nov-27]																							
Procure Constructor - Facilities						[Gantt bars for Procure Constructor - Facilities, 13-Jun-28]																							
Board Approval of Constructor - Facilities						[Gantt bars for Board Approval of Constructor - Facilities, 21-Jun-28]																							
Construction - Facilities						[Gantt bars for Construction - Facilities, 29-Mar-30]																							
Commissioning and Start-Up - Facilities						[Gantt bars for Commissioning and Start-Up - Facilities, 02-Jul-30]																							
<b>Extraction Water Collection Piping</b>						[Gantt bars for Extraction Water Collection Piping, 07-May-30]																							
Procure Designer						[Gantt bars for Procure Designer, 15-Oct-25]																							
Board Approval of Designer						[Gantt bars for Board Approval of Designer, 15-Oct-25]																							
Design Phase						[Gantt bars for Design Phase, 10-Sep-27]																							
Procure Constructor						[Gantt bars for Procure Constructor, 12-Apr-28]																							
Board Approval of Constructor						[Gantt bars for Board Approval of Constructor, 19-Apr-28]																							
Construction						[Gantt bars for Construction, 04-Feb-30]																							
Commissioning and Start-Up						[Gantt bars for Commissioning and Start-Up, 07-May-30]																							
<b>Connection to Metropolitan</b>						[Gantt bars for Connection to Metropolitan, 02-Oct-29]																							
Procure Designer						[Gantt bars for Procure Designer, 16-Apr-25]																							
Board Approval of Designer						[Gantt bars for Board Approval of Designer, 16-Apr-25]																							
Design Phase						[Gantt bars for Design Phase, 15-Mar-27]																							
Procure Constructor						[Gantt bars for Procure Constructor, 08-Sep-27]																							
Board Approval of Constructor						[Gantt bars for Board Approval of Constructor, 15-Sep-27]																							
Construction						[Gantt bars for Construction, 27-Jun-29]																							
Commissioning and Start-Up						[Gantt bars for Commissioning and Start-Up, 02-Oct-29]																							

# Parties and Agreements to Implement the Chino Basin Program SWRCB CAPB

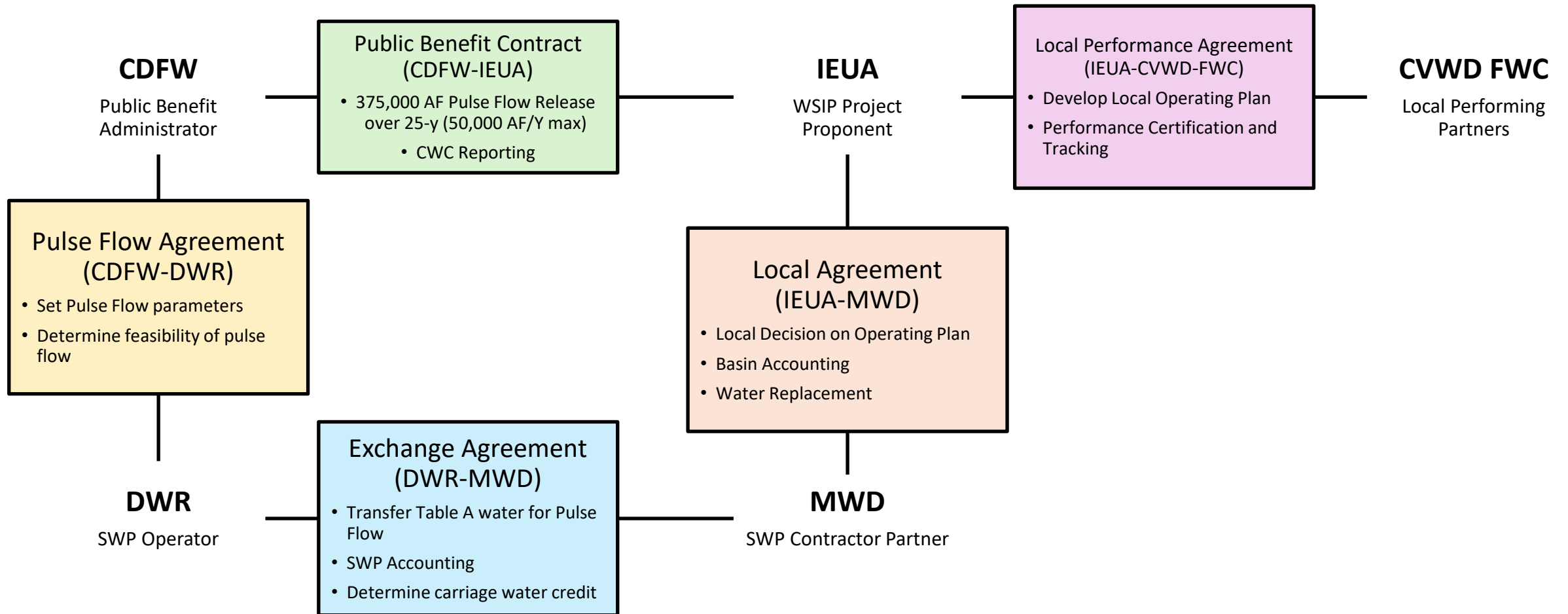




# Parties and Agreements to Implement the Chino Basin Program DWR CAPB



# Parties and Agreements to Implement the Chino Basin Program CDFW CAPB



# Parties' Roles & Responsibilities

## IEUA

### WSIP Project Proponent

1. Track and report CBP account to CWC & Public Benefit Administrators
  - Amount of water treated & stored in aquifer annually (15,000 AF/Y; total 375,000 AF)
  - Certification of local performance in pulse year
  - Reconciliation of carriage water credits in pulse year
2. Coordinate with local partners (CVWD|FWC)
  - Develop local performance pulse year Operating Plan
3. CBP Operating Committee Coordination with MWD
  - Approval of local performance pulse year Operating Plan

## MWD

### SWP Contractor Partner

1. Determine if SWP allocation is sufficient for Table A transfer
  - Coordinate transfer with DWR
2. CBP Operating Committee Coordination with IEUA
  - Approval of local performance pulse year Operating Plan
  - Track and coordinate pump-in supplies
3. MWD facilitates transfer of SWP Table A allocation for pulse flow release
  - Max 50,000 AF/pulse; (25-y total of 375,000 AF)

## CVWD | FWC

### Local Performing Agencies

1. IEUA coordinates repayment to MWD
  - Local performance up to 40,000 AF/pulse year (30,000 AF in-lieu | 10,000 AF pump-in to MWD)

## CWC

### WSIP Administrator | CAPB reporting to State

1. Administer funding for program construction
2. Ensure IEUA performance on CAPBs post-construction over 25-y term

## CDFW

### Public Benefit Administrator: Pulse Flow CAPB

1. Request pulse flow from IEUA (max 50,000 AF/call; 375,000 AF total over 25-y term)
2. Develop Pulse Flow release plan in coordination with DWR
3. Track, report and adaptively manage environmental benefits from pulse flow release
4. Verify IEUA reporting

## SWRCB

### Public Benefit Administrator: Water Quality CAPB

1. Verify IEUA reporting of AWPf treated water and quantities stored in Chino Basin aquifer
  - Removal of ~12,000 tons of salt each year
  - Groundwater storage of 15,000 AF/Y purified water

## DWR

### Public Benefit Administrator: Emergency Supply CAPB

1. Verify emergency water use/availability (50,000 AF total)

## DWR

### SWP Operator

1. Establish SWP allocation for Contractors
2. Determine feasibility of CDFW Pulse Flow release
3. Transfer water from MWD to the State
4. Operate SWP to perform Pulse Flow
5. Determine Carriage Water Transfer Credit allotment and coordinate with USBR for WSIP projects