



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:

October 30, 2024

Reporting period:

July 1, 2024, through September 30, 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 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 – A review meeting was held for the recently completed 30% design with the various IEUA departments to discuss their input on the current configuration. A 60% design review planning workshop was also held. A 22-ft deep stub-out connection and access vault was constructed on IEUA's 1158 pressure zone recycled water pipeline. This connection will provide the recycled water source for the advanced water demonstration facility.

Advanced Water Purification Facility – A CBP industry presentation was held to provide engineering firms with an opportunity to learn about the upcoming solicitation for the AWPf progressive design build project. The Request for Qualifications (RFQ) for the AWPf progressive design build project was issued in August. The Statement of Qualifications from interested firms is due in mid-October.

Rialto RW Pipeline – A CBP industry presentation was held to provide engineering firms with an opportunity to learn about the upcoming solicitation for the Rialto Recycled Water Pipeline progressive design build project. The RFQ for the Rialto Recycled Water Pipeline progressive design build project was issued in September. The Statement of Qualifications is due in late October. Jacobs provided the proposal to implement the 1211 wastewater diversion petition

for the City of Rialto. They will coordinate with San Bernardino Valley Municipal Water District staff regarding modeling that was performed for the Upper Santa Ana River Habitat Conservation Plan.

Aquifer Replenishing Wells | Exploratory Boreholes/Monitoring Wells – For the first exploratory borehole (site AR-MW-03), exploratory drilling is complete and aquifer zone testing is ongoing. The borehole is being converted into a monitoring well. The drilling of the second exploratory borehole (site AR-MW-02) has begun. IEUA had discussions with the San Bernardino County Flood Control District about securing a third exploratory borehole site, and siting of an area for a future pilot aquifer replenishing well. IEUA is evaluating alternative recharge methods such as tile drains as an option for groundwater recharge of purified water. Potential sites adjacent to and within Regional Plant No. 4 are being evaluated.

TAKE (Groundwater Extraction/Distribution) Facilities – IEUA and Brown and Caldwell met with CVWD and FWC to finalize the assumptions for their future water supply plans as it relates to a performance year. A discussion on future water supplies and demands was held to verify in-lieu capabilities. Site visits of CVWD wells were conducted to evaluate their potential incorporation into the TAKE facilities. FWC well site visits will occur in October. IEUA and Brown and Caldwell conducted a workshop with JCSD and CVWD to discuss the potential integration of facilities to accommodate TAKE performance during call years and water supply deliveries to JCSD.

Communications and Outreach – Site Visit by CWC Staff in September 2024 to visit locations of the Advanced Water Purification Facility, Advanced Water Purification Demonstration Facility, Aquifer Replenishing Wells, and Exploratory Boreholes/Monitoring Wells; and to discuss CAPB status and CBP-State Agency coordination, DWR-MWD coordination, CBP implementation schedule, and overall CBP status.

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
- WRCWA Western Riverside County Regional Wastewater Authority

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

IEUA continues to make progress in planning and designing of the CBP. The Aquifer Replenishing Wells reached another milestone during the 3rd quarter of 2024 with the commencement of the drilling of a second exploratory borehole/monitoring well. For the Advanced Water Purification Demonstration Facility, during the 3rd quarter of 2024 a 22-ft deep stub-out connection and access vault was constructed on IEUA's 1158 pressure zone recycled water pipeline. This connection will provide a recycled water source for the demonstration facility. As part of the Ecosystem Public Benefit of planned pulse flow releases from the Oroville Reservoir to the Feather River to benefit native fish species, DWR certified the Final Pulse Flow SEIR in July of the 3rd quarter of 2024. The Request for Qualifications for the Advanced Water Purification Facility and the Rialto Recycled Water Interconnection projects were issued on PlanetBids, IEUA's online bidding system. The Statement of Qualifications that are submitted will be evaluated in the 3rd quarter of 2024, resulting in a short list of three progressive design-build teams.

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)	<p>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.</p> <p>Work for the AWPf and the Rialto RW Supplemental Supply will be issued through progressive design build (PDB) contracts. An industry presentation occurred July 24th, 2024, to inform potential contractors, consultants, and sub-consultants of the upcoming Request for Qualifications (RFQ) issued in August. The PDB solicitation process is underway.</p> <p>The other CBP projects (Aquifer Replenishing Wells, Purified Water Conveyance, Extraction Facilities, and MWD Interconnection) will be issued by traditional design-bid-build methods.</p>	<p>2027</p> <p>2025</p> <p>2026</p>

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 Public Benefit Contract. Draft language has been reviewed by SWRCB and comments and will be discussed next quarter. Staff plans to meet with all three public benefit agencies and CWC staff in a common meeting to improve coordination on issues.</p> <p><u>Issue</u> – Outside of CAPB, the SWRCB is concerned about timing of other permits including the 1211 wastewater change petition. This effort is being coordinated with the City of Rialto’s 1211 wastewater change petition and the Upper Santa Ana River HCP. *</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 Public Benefit Contract. Draft language has been written for review and DWR has provided a draft CAPB. Staff plans to meet with all three public benefit agencies and CWC staff in a common meeting to improve coordination on issues. *</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 Public Benefit Contract. Draft language has been reviewed by CDFW and comments will be discussed next quarter. IEUA is planning an in-person workshop in the 4th quarter of 2024 with MWD, DWR(SWP), and CDFW to walk through the exchange process for a potential pulse flow year. This workshop will help refine and finalize details of the DWR-MWD and DWR-CDFW agreements, and the ecosystem CAPB between IEUA-CDFW. CDFW will also be included in a meeting with all three public benefit agencies and CWC staff to discuss coordination on common issues.</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.

Environmental Document	Status	Est Completion Date
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State Document	Final PEIR Chino Basin Program, IEUA Draft Supplemental EIR regarding Pulse Flow Component of the WSIP, DWR Final Supplemental EIR regarding Pulse Flow Component of the WSIP, DWR Project level CEQA 1211 Wastewater Change Petition, IEUA	May 2022 March 2024 July 2024 2026 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.

Approvals / Certifications / Agreements / Permits	Status	Est Date Acquired
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 July 2024 with the Water Board.	2025
CDFW – DWR Agreement	Pulse Flow Agreement between CDFW and DWR (Final Draft December 2024)	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	IEUA continued to collaborate with MWD and finalized the MWD-IEUA Performance/Exchange Agreement. Staff will present the finalized agreement to the MWD and IEUA Boards in October 2024 for approval.	Oct 2024
DWR - Metropolitan Water District of Southern California - CBP Water Exchange Agreement	MWD proposed a new option that would not require a contract amendment. Instead, Article 15a would be used to facilitate the water exchange by MWD adding a diversion point at the Oroville complex and exchanging the water with DWR for a pulse flow. DWR will draft an agreement based on this to be used for further discussion with MWD. IEUA is planning an in-person workshop in the 4 th quarter of 2024 with MWD, DWR(SWP), and CDFW to walk through the exchange process for a potential pulse flow year. This workshop will help refine and finalize details of the DWR-MWD and DWR-CDFW agreements, and the ecosystem CAPB between IEUA-CDFW.	2025
DWR - IEUA - CBP Water Exchange Agreement	Initially, DWR was drafting a 3-way agreement to facilitate the water exchange among MWD-IEUA-DWR but will create two separate agreements instead: 1) DWR and MWD and 2) DWR and IEUA. DWR will not be a party to the MWD-IEUA agreement. Clarification is needed on whether a DWR-IEUA exchange agreement is needed. From IEUA’s perspective, we are a facilitator between MWD and DWR/CDFW, and do not see a need for a contract with DWR for the exchange to take place.	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 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	Pilot AWPf. Awarded.	September 2024
Community Project Request	\$1.1	Application for pilot AWPf submitted March 2024. Pending federal congressional approval.	October 2024
USBR Large Scale Recycled Water	\$10.8	Application #1 for construction 2025-2027 for the AWPf, aquifer replenishing/injection wells, purified water conveyance submitted May 2024. Feasibility study submitted July 2024.	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, \$9,021,490 has been reimbursed for six invoices. Invoice No. 7 will be submitted for review and reimbursement in the amount of \$168,658. Task 1 and Task 2 early funding reimbursements have been completed. The remaining task, Task 3, for permitting and environmental documentation will encompass future early funding invoices.	84%

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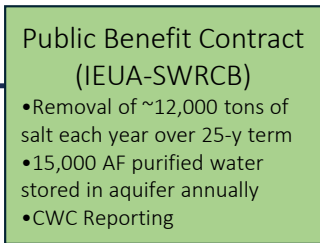
Activity ID	Activity Name	Remaining Duration	Current Start	Current Finish	Total Float	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042
Program Management		921	26-Jul-23 A	16-Jun-28	964	Program Management, 16-Jun-28																		
Quick Start		52	26-Jul-23 A	15-Nov-24	84	Quick Start, 15-Nov-24																		
Technical Studies		235	02-Feb-24 A	20-Aug-25	171	Technical Studies, 20-Aug-25																		
Permits & Environmental		686	21-Aug-25	16-Jun-28	964	Permits & Environmental, 16-Jun-28																		
PUT Facilities		1954	24-Jul-23 A	01-Apr-32	47	PUT Facilities, 01-Apr-32																		
City of Rialto Supplemental Recycled Water Supply (PDB)		1772	11-Mar-24 A	22-Jul-31	164	City of Rialto Supplemental Recycled Water Supply (PDB), 22-Jul-31																		
Procure Progressive Design Build (PDB) Team		210	11-Mar-24 A	16-Jul-25	149	Procure Progressive Design Build (PDB) Team, 16-Jul-25																		
Board Approval of PDB		0	16-Jul-25	16-Jul-25	155	Board Approval of PDB, 16-Jul-25																		
Phase 1 Services		507	17-Jul-25	16-Aug-27	149	Phase 1 Services, 16-Aug-27																		
Guaranteed Maximum Price (GMP) Negotiations		99	17-Aug-27	19-Jan-28	149	Guaranteed Maximum Price (GMP) Negotiations, 19-Jan-28																		
Board Approval of GMP		0	19-Jan-28	19-Jan-28	149	Board Approval of GMP, 19-Jan-28																		
Construction		820	20-Jan-28	12-Mar-31	157	Construction, 12-Mar-31																		
Commissioning and Start-Up		92	13-Mar-31	22-Jul-31	154	Commissioning and Start-Up, 22-Jul-31																		
Advanced Water Purification Demonstration Facility		786	24-Jul-23 A	06-Oct-27	36	Advanced Water Purification Demonstration Facility, 06-Oct-27																		
Design Demonstration Facility (DBB)		82	24-Jul-23 A	10-Jan-25	34	Design Demonstration Facility (DBB), 10-Jan-25																		
Procure Contractor		164	20-Sep-24	21-May-25	35	Procure Contractor, 21-May-25																		
Board Approval of Construction Bid		0	21-May-25	21-May-25	35	Board Approval of Construction Bid, 21-May-25																		
Construction		234	22-May-25	30-Apr-26	35	Construction, 30-Apr-26																		
Commissioning and Start-Up		64	01-May-26	03-Aug-26	34	Commissioning and Start-Up, 03-Aug-26																		
Operate		289	04-Aug-26	06-Oct-27	34	Operate, 06-Oct-27																		
Advanced Water Purification Facility (PDB)		1914	05-Dec-23 A	05-Feb-32	0	Advanced Water Purification Facility (PDB), 05-Feb-32																		
Recycled Water – Water Quality Sampling		75	05-Dec-23 A	20-Dec-24	216	Recycled Water – Water Quality Sampling, 20-Dec-24																		
Procure PDB Team		210	04-Mar-24 A	16-Jul-25	0	Procure PDB Team, 16-Jul-25																		
Board Approval of PDB		0	16-Jul-25	16-Jul-25	0	Board Approval of PDB, 16-Jul-25																		
Phase 1 Services		363	17-Jul-25	20-Jan-27	0	Phase 1 Services, 20-Jan-27																		
Guaranteed Maximum Price (GMP) Negotiations		103	21-Jan-27	16-Jun-27	0	Guaranteed Maximum Price (GMP) Negotiations, 16-Jun-27																		
Board Approval of GMP		0	16-Jun-27	16-Jun-27	0	Board Approval of GMP, 16-Jun-27																		
Construction		1066	17-Jun-27	24-Jul-31	140	Construction, 24-Jul-31																		
Commissioning and Start-Up		130	25-Jul-31	05-Feb-32	0	Commissioning and Start-Up, 05-Feb-32																		
Exploratory Monitoring Well (Design-Bid-Build)		83	24-Jul-23 A	01-Jan-25	56	Exploratory Monitoring Well (Design-Bid-Build), 01-Jan-25																		
Procure Exploratory Monitoring Well Driller		0	24-Jul-23 A	12-Jan-24		Procure Exploratory Monitoring Well Driller, 12-Jan-24																		
Board Approval of Exploratory Monitoring Well Driller		0	12-Jan-24 A	12-Jan-24		Board Approval of Exploratory Monitoring Well Driller, 12-Jan-24																		
Construction		63	16-Jan-24 A	02-Dec-24	32	Construction, 02-Dec-24																		
Commissioning and Start-Up		30	03-Dec-24	01-Jan-25	78	Commissioning and Start-Up, 01-Jan-25																		
Pilot Replenishment Well (Design-Bid-Build)		614	03-Dec-24	03-May-27	1324	Pilot Replenishment Well (Design-Bid-Build), 03-May-27																		
Design Pilot Well		154	03-Dec-24	23-Jul-25	326	Design Pilot Well, 23-Jul-25																		
Procure Pilot Well Driller		99	24-Jul-25	17-Dec-25	326	Procure Pilot Well Driller, 17-Dec-25																		
Board Approval of Pilot Well Driller		0	17-Dec-25	17-Dec-25	326	Board Approval of Pilot Well Driller, 17-Dec-25																		
Construction		141	18-Dec-25	08-Jul-26	337	Construction, 08-Jul-26																		
Commissioning and Start-Up		34	09-Jul-26	25-Aug-26	333	Commissioning and Start-Up, 25-Aug-26																		
Operate Pilot Well		165	26-Aug-26	03-May-27	1240	Operate Pilot Well, 03-May-27																		
Property Acquisition for Aquifer Replenishment Wells		589	23-Oct-25	31-Mar-28	26	Property Acquisition for Aquifer Replenishment Wells, 31-Mar-28																		
Property Acquisition for Aquifer Replenishment Wells		589	23-Oct-25	31-Mar-28	26	Property Acquisition for Aquifer Replenishment Wells, 31-Mar-28																		
Aquifer Replenishment Wells (Staged Design-Bid-Build)		1792	23-Apr-25	01-Apr-32	47	Aquifer Replenishment Wells (Staged Design-Bid-Build), 01-Apr-32																		
Procure Wells Designer		178	23-Apr-25	21-Jan-26	343	Procure Wells Designer, 21-Jan-26																		
Board Approval of Wells Designer		0	21-Jan-26	21-Jan-26	343	Board Approval of Wells Designer, 21-Jan-26																		
Design First Group of Wells		262	22-Jan-26	17-Feb-27	301	Design First Group of Wells, 17-Feb-27																		
Procure Wells Driller for First Group of Wells		107	18-Feb-27	21-Jul-27	587	Procure Wells Driller for First Group of Wells, 21-Jul-27																		
Board Approval of Wells Driller		0	21-Jul-27	21-Jul-27	587	Board Approval of Wells Driller, 21-Jul-27																		
Construct First Group of Wells		413	22-Jul-27	23-Feb-29	629	Construct First Group of Wells, 23-Feb-29																		
Commissioning First Group of Wells		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						
Design Second Group of Wells						Design Second Group of Wells, 02-Mar-29																							
Negotiate Drill Agreement for Second Group of Wells						Negotiate Drill Agreement for Second Group of Wells, 16-May-29																							
Board Approval for Wells Driller for Second Group of Wells						Board Approval for Wells Driller for Second Group of Wells, 16-May-29																							
Construct second group of Wells						Construct second group of Wells, 08-Jan-32																							
Commission Second group of wells						Commission Second group of wells, 01-Apr-32																							
Purified Water Conveyance (Design-Bid-Build)						Purified Water Conveyance (Design-Bid-Build), 19-Mar-32																							
Procure Designer						Procure Designer, 15-Oct-25																							
Board Approval of Designer						Board Approval of Designer, 15-Oct-25																							
Develop Preliminary Design Report (PDR)						Develop Preliminary Design Report (PDR), 07-Oct-26																							
Design Phase Purified Water Conveyance						Design Phase Purified Water Conveyance, 19-Sep-28																							
Procure Contractor						Procure Contractor, 21-Feb-29																							
Board Approval of Contractor						Board Approval of Contractor, 21-Feb-29																							
Construction						Construction, 25-Sep-31																							
Commissioning and Start-Up						Commissioning and Start-Up, 19-Mar-32																							
TAKE Facilities						TAKE Facilities, 02-Jul-30																							
Groundwater Extraction Wells						Groundwater Extraction Wells, 02-Jul-30																							
Procure Designer						Procure Designer, 17-Sep-25																							
Board Approval of Designer						Board Approval of Designer, 17-Sep-25																							
Design Phase - Wells						Design Phase - Wells, 15-Oct-26																							
Procure Constructor - Wells						Procure Constructor - Wells, 12-May-27																							
Board Approval of Constructor - Wells						Board Approval of Constructor - Wells, 19-May-27																							
Construction - Wells						Construction - Wells, 12-Dec-28																							
Commissioning and Start-Up - Wells						Commissioning and Start-Up - Wells, 23-Mar-29																							
Design Phase - Facilities						Design Phase - Facilities, 24-Nov-27																							
Procure Constructor - Facilities						Procure Constructor - Facilities, 13-Jun-28																							
Board Approval of Constructor - Facilities						Board Approval of Constructor - Facilities, 21-Jun-28																							
Construction - Facilities						Construction - Facilities, 29-Mar-30																							
Commissioning and Start-Up - Facilities						Commissioning and Start-Up - Facilities, 02-Jul-30																							
Extraction Water Collection Piping						Extraction Water Collection Piping, 07-May-30																							
Procure Designer						Procure Designer, 15-Oct-25																							
Board Approval of Designer						Board Approval of Designer, 15-Oct-25																							
Design Phase						Design Phase, 10-Sep-27																							
Procure Constructor						Procure Constructor, 12-Apr-28																							
Board Approval of Constructor						Board Approval of Constructor, 19-Apr-28																							
Construction						Construction, 04-Feb-30																							
Commissioning and Start-Up						Commissioning and Start-Up, 07-May-30																							
Connection to Metropolitan						Connection to Metropolitan, 02-Oct-29																							
Procure Designer						Procure Designer, 16-Apr-25																							
Board Approval of Designer						Board Approval of Designer, 16-Apr-25																							
Design Phase						Design Phase, 15-Mar-27																							
Procure Constructor						Procure Constructor, 08-Sep-27																							
Board Approval of Constructor						Board Approval of Constructor, 15-Sep-27																							
Construction						Construction, 27-Jun-29																							
Commissioning and Start-Up						Commissioning and Start-Up, 02-Oct-29																							

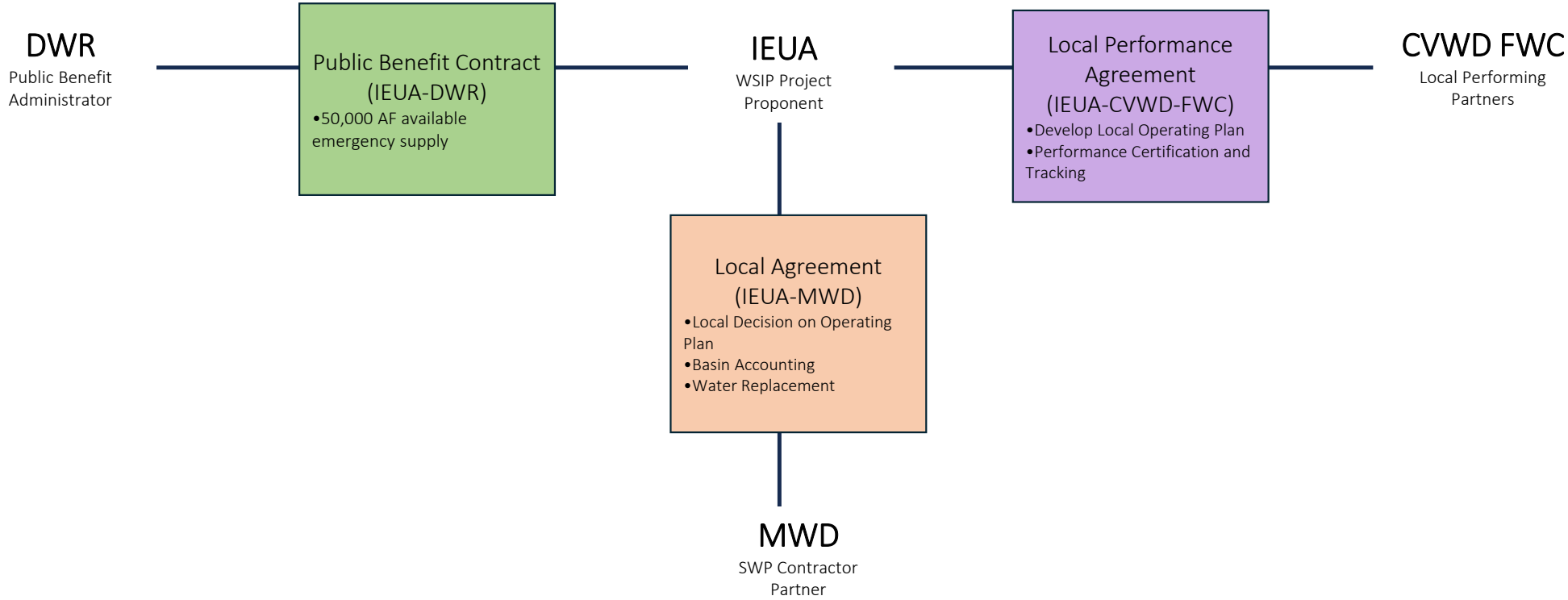
Parties and Agreements to Implement the Chino Basin Program SWRCB CAPB

SWRCB
Public Benefit
Administrator

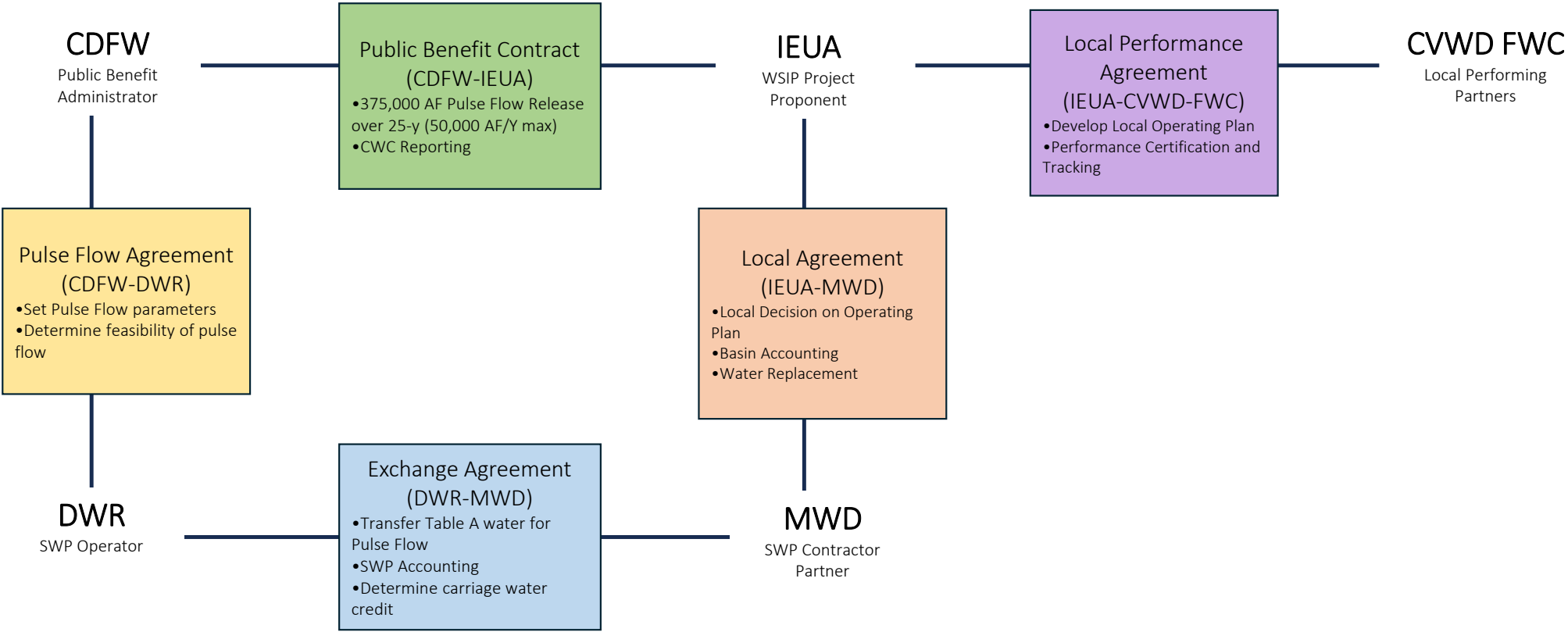


IEUA
WSIP Project
Proponent

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