



Regional Sewerage Program Policy Committee Meeting

AGENDA

**Thursday, August 7, 2025
3:30 p.m.**

**IEUA Headquarters – Board Room
6075 Kimball Avenue, Building A
Chino, CA 91708**

Telephone Access: (415) 856-9169/Conf ID: 960 375 500#

The public may participate and provide public comment during the meeting by joining in person or by calling the number provided above. Comments may also be submitted by email to the Recording Secretary Jennifer Hy-Luk at jhyluk@ieua.org prior to the completion of the Public Comment section of the meeting. Comments will be distributed to the Policy Members.

Call to Order

Roll Call

Flag Salute

Public Comment

Members of the public may address the Committee on any item that is within the jurisdiction of the Committee; however, no action may be taken on any item not appearing on the agenda unless the action is otherwise authorized by Subdivision (b) of Section 54954.2 of the Government Code. Comments will be limited to three minutes per speaker.

Additions to the Agenda

In accordance with Section 54954.2 of the Government Code (Brown Act), additions to the agenda require two-thirds vote of the legislative body, or, if less than two-thirds of the members are present, a unanimous vote of those members present, that there is a need to take immediate action and that the need for action came to the attention of the local agency subsequent to the agenda being posted.

(Continued)

1. Technical Committee Report (Oral)

2. Action Items

- A. Approve minutes of June 5, 2025 Policy Committee Meeting
- B. Recommend the IEUA Board of Directors Award Construction Contract for RP-4 Process Improvements Phase II Project

3. Information Items

- A. Chino Basin Program Update (PowerPoint)
- B. Capital Capacity Reimbursement Account Overview (PowerPoint)
- C. Eastern Trunk Sewer and Impact on Regional System (PowerPoint)

4. Receive and File Items

- A. Building Activity Report (Written)
- B. Update on the Advanced Water Purification Facility at RP-4 Project (PowerPoint)

5. Other Business

- A. IEUA General Manager's Update
- B. Committee Member Requested Future Agenda Items
- C. Committee Member Comments
- D. Next Meeting – September 4, 2025

Adjourn

DECLARATION OF POSTING

I, Jennifer Hy-Luk, Board Services Officer of the Inland Empire Utilities Agency, a Municipal Water District, hereby certify that per Government Code Section 54954.2, a copy of this agenda has been posted at the Agency's main office, 6075 Kimball Avenue, Building A, Chino, CA and on the Agency's website at www.ieua.org at least seventy-two (72) hours prior to the meeting date and time above.

In compliance with the Americans with Disabilities Act, if you need special assistance to participate in this meeting, please contact Jennifer Hy-Luk at (909) 993-1727 or jhyluk@ieua.org 48 hours prior to the scheduled meeting so that IEUA can make reasonable arrangements to ensure accessibility.

ACTION ITEM

2A



Regional Sewerage Program Policy Committee Meeting

MINUTES OF THE JUNE 5, 2025 MEETING

CALL TO ORDER

A meeting of the Inland Empire Utilities Agency (IEUA)/Regional Sewerage Program (RSP) Policy Committee was held on Thursday, June 5, 2025, at 6075 Kimball Avenue, Building A, Chino, California.

Chair Peter Rogers/city of Chino Hills called the meeting to order at 3:30 p.m. Recording Secretary Jennifer Hy-Luk established a quorum was present. Chair Rogers led the Pledge of Allegiance.

Committee Members Present:

Curtis Burton	City of Chino
Peter Rogers	City of Chino Hills
Phillip Cothran	City of Fontana
John Dutrey	City of Montclair
Debra Dorst-Porada	City of Ontario
Bill Velto	City of Upland
Randall Reed	Cucamonga Valley Water District (CVWD)
Steven J. Elie	Inland Empire Utilities Agency (IEUA)

Others Present:

Hye Jin Lee	City of Chino
Ben Orosco	City of Chino
Ron Craig	City of Chino Hills
Chad Nishida	City of Ontario
Nicole deMoet	City of Upland
Justin Scott-Coe	Monte Vista Water District
Kevin Alexander	IEUA
Adham Almasri	IEUA
Jerry Burke	IEUA
Marty Cihigoyenetché	IEUA
Lucia Diaz	IEUA
Lisa Dye	IEUA
Brandon Gonzalez	IEUA
Don Hamlett	IEUA

Others Present (continued):

Elizabeth Hurst	IEUA
Jennifer Hy-Luk	IEUA
Randy Lee	IEUA
Eddie Lin	IEUA
Alex Lopez	IEUA
Liza Munoz	IEUA
Alyson Piguee	IEUA
Travis Sprague	IEUA
Ken Tam	IEUA
Wilson To	IEUA
Teresa Velarde	IEUA

PUBLIC COMMENTS

There were no public comments.

ADDITIONS TO THE AGENDA

There were no additions to the agenda.

1. TECHNICAL COMMITTEE REPORT

Ron Craig/city of Chino Hills stated that at the May 29 Technical Committee meeting, the Committee heard updates regarding Pretreatment & Compliance, the Chino Basin Program and a presentation on the tentative Five-Year Rate Study Schedule. The Committee did not take action on the two Action Items: Recommend the IEUA Board of Directors Adopt the Ten-Year Forecast for Fiscal Year 2025/26 – Fiscal Year 2034/35 and Recommend the IEUA Board of Directors Adopt the Proposed Biennial Budget for Fiscal Years 2025/26 and 2026/27 for Regional Wastewater Programs.

Mr. Craig added that due to the anticipated cancellation of the July 3 Policy Committee meeting due to the Independence Day holiday and lack of business transactions, the Technical Committee Meeting scheduled for June 26 would be cancelled.

2. ACTION ITEMS**A. APPROVE MINUTES OF THE APRIL 3, 2025 AND MAY 1, 2025 POLICY COMMITTEE MEETINGS**

Discussion ensued regarding the revision of the minutes, discussion being reflected in the minutes, and requests for future minutes.

Motion: By Committee member Bill Velto/city of Upland and seconded by Committee member Phillip Cothran/city of Fontana, the Committee approved the meeting minutes of the April 3, 2025 and May 1, 2025 Regional Policy Committee Meetings, by the following vote:

Ayes: Burton, Cothran, Porada, Dutrey, Reed, Rogers, Velto
Noes: None

Absent: None
Abstain: None

The motion passed by a vote of 7 ayes, 0 noes, and 0 absent.

B. RECOMMEND THE IEUA BOARD OF DIRECTORS ADOPT THE FISCAL YEAR 2025/26 – FISCAL YEAR 2034/35 TEN-YEAR SEWER CAPITAL FORECAST

Travis Sprague/IEUA provided the presentation.

Discussion ensued regarding the Policy Committee's authority, the amount of information received, and the Chino Basin Program (CBP).

Committee member Randall Reed/CVWD, moved that the Committee recommended the IEUA Board of Directors adopt the Fiscal Year 2025/26 through Fiscal Year 2034/35 Ten-Year Sewer Capital Forecast. The motion failed for lack of a second.

Discussion ensued regarding property tax allocations, the projects, the reason why the Technical Committee did not recommend, and Policy Committee members' remaining questions. During discussion, a substitute motion was made by Committee member John Dutrey/city of Montclair for the Committee to recommend the IEUA Board of Directors take no action on the Fiscal Year 2025/26 through Fiscal Year 2034/35 Ten-Year Sewer Capital Forecast. The Chair called for a vote on the main motion.

A motion by Committee member Randall Reed/CVWD, and seconded by Committee member Bill Velto/city of Upland that the Committee recommend the IEUA Board of Directors adopt the Fiscal Year 2025/26 through Fiscal Year 2034/35 Ten-Year Sewer Capital Forecast, failed by the following vote:

Ayes: Reed, Rogers, Velto
Noes: Burton, Cothran, Porada, Dutrey
Absent: None

The motion failed by a vote of 3 ayes, 4 noes, and 0 absent.

C. RECOMMEND THE IEUA BOARD OF DIRECTORS ADOPT THE FISCAL YEARS 2025/26 AND 2026/27 PROPOSED BIENNIAL BUDGET FOR REGIONAL WASTEWATER PROGRAMS

Alex Lopez/IEUA provided the presentation.

Discussion ensued regarding questions submitted in a joint letter dated March 28, 2025, from the cities of Chino, Montclair, Ontario, and Monte Vista Water District; the cost of services; the source of funding; and the Policy Committee members' concerns.

Committee member Randall Reed/CVWD, moved that the Committee recommend the IEUA Board of Directors adopt the proposed Biennial Budget for Fiscal Years 2025/26 and 2026/27 for the Agency's Regional Wastewater Capital Improvement fund and the Regional Wastewater Operations and Maintenance fund. The motion failed for lack of a second.

Discussion ensued regarding time constraints for multiple Policy Committee members. Item 3A was deferred to the next scheduled meeting.

3. INFORMATION ITEM

A. CHINO BASIN PROGRAM UPDATE (POWERPOINT)

The item was deferred to the next meeting.

4. RECEIVE AND FILE ITEM

Item 4A was received and filed by the Committee.

A. BUILDING ACTIVITY REPORT

5. OTHER BUSINESS

A. IEUA GENERAL MANAGER'S UPDATE

B. COMMITTEE MEMBER REQUESTED AGENDA ITEMS FOR NEXT MEETING

C. COMMITTEE MEMBER COMMENTS

Items 5A, 5B and 5C were not heard due to Policy Committee member time restraints.

D. NEXT MEETING – JULY 3, 2025; AUGUST 7, 2025

The July 3, 2025 Policy Committee meeting will be cancelled due to a lack of business transactions. The next scheduled meeting is August 7, 2025.

ADJOURNMENT

Chair Rogers adjourned the meeting at 4:32 p.m.

Prepared by:

Jennifer Hy-Luk, Board Services Officer

ACTION ITEM

2B

Date: July 31, 2025 and August 7, 2025

To: Regional Sewerage Technical and Policy Committees

From: Inland Empire Utilities Agency

Subject: Recommend the IEUA Board of Directors Award Construction Contract for RP-4 Process Improvements Phase II Project

RECOMMENDATION

Staff recommends that the Technical and Policy Committees recommend the IEUA Board of Directors award the construction contract to J.F. Shea Construction, Inc. for the RP-4 Process Improvements Phase II Project, No. EN20057, in the amount of \$10,296,316.

BACKGROUND

In 2018, a Preliminary Design Report (PDR) was completed, identifying multiple opportunities for improvements throughout RP-4. Due to the large scope of work, the improvements were planned in a phased approach. The RP-4 Process Rehabilitation Phase I Project No. EN17110 was completed in September 2022. The RP-4 Process Improvements Phase II Project will improve areas that were not addressed during Phase I, and miscellaneous improvements identified by operations and maintenance staff. The Phase II Project will improve infrastructure and processes at RP-4 by:

- a) Rehabilitation of the Aeration Basins, including tank drain valves, air control valves, and associated controls;
- b) Improvements to the Return Activated Sludge (RAS) Pump Station, including:
 - a. Addition of RAS Pump No. 4 and associated Variable Frequency Drive (VFD);
 - b. Refurbishment of existing RAS pumps and replacement of the associated VFDs;
- c) Rehabilitation of Trident Filters;
- d) Modifications to the aluminum sulfate (alum) feed system;
- e) Improvements to canopy structures at the Sodium Hypochlorite Facility and the AquaDisk® Filters; and
- f) Replacement covers for chemical leak detection vaults.

In May 2024, IEUA prequalified five contractors, GSE Construction Co., Inc., J.F. Shea Construction, Inc., J.R. Filanc Construction Company, Inc., W.A. Rasic Construction Company Inc., and W.M. Lyles Co. Following the completion of the design in 2025, the project was posted for bid on May 29, 2025, and three bids were received on July 10, 2025. J.F. Shea Construction Company, Inc. was the lowest responsive, responsible bidder with a bid amount of \$10,296,316. The engineer's estimate was \$11,100,000.

ATTACHMENT(S)

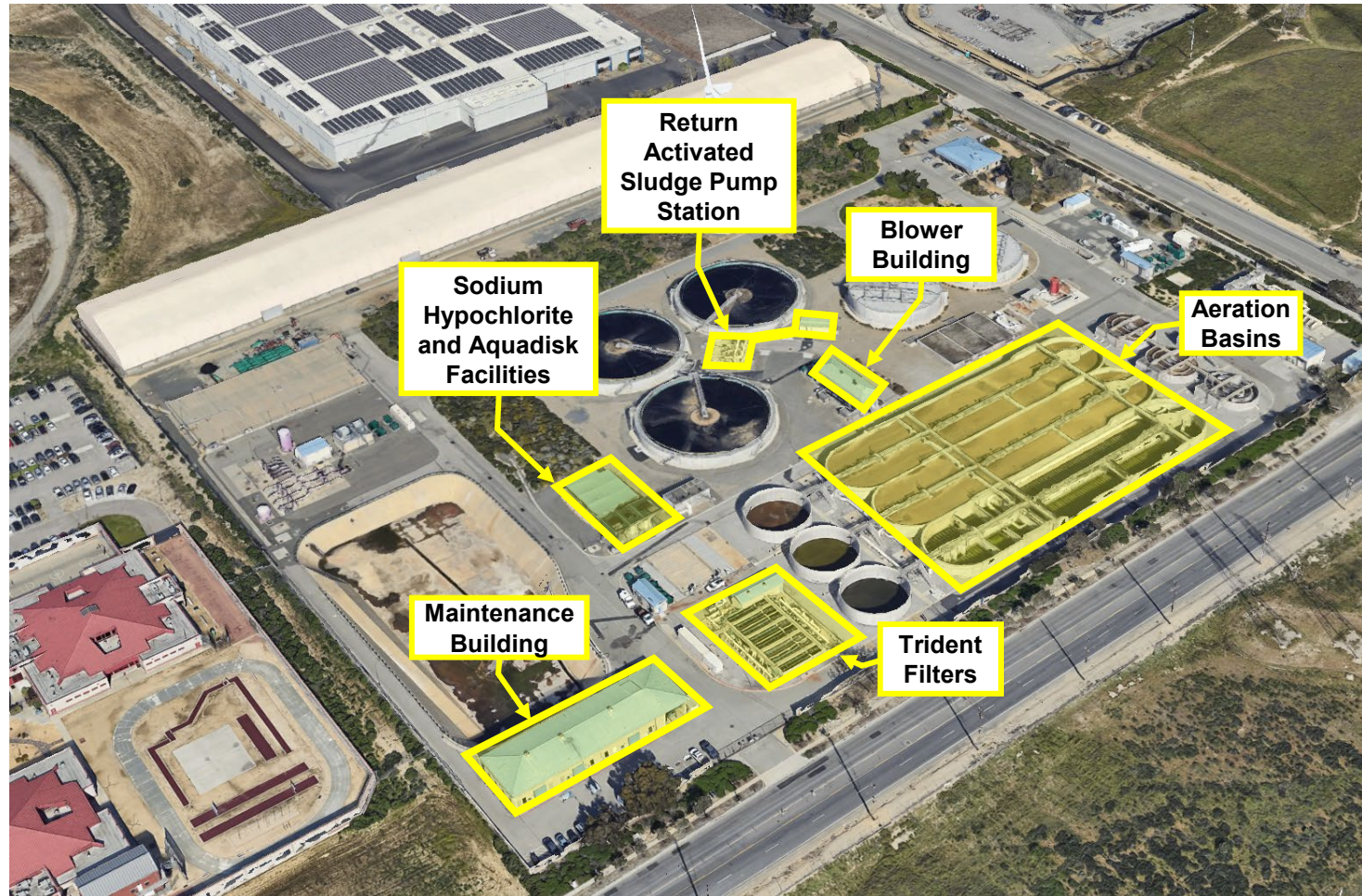
Attachment 1 – PowerPoint

Recommend IEUA Board of Directors Award Construction Contract for RP-4 Process Improvements Phase II Project

Jason Marseilles, PE
Manager of Engineering
July/August 2025

2 Project Background and Location

- RP-4 Process Rehabilitation Project
 - 2017: Pre-Design Report
 - 2022: Phase I complete



3 Project Scope

- Rehabilitate existing Trident filters
- Refurbish Return Activated Sludge (RAS) pumps, replace Variable Frequency Drives (VFDs), add one new pump and VFD
- Replace 72 aeration control valves



Empty Trident Filter Channel



RAS Pump Station



Aeration Control Valve



4 Contractor Selection

- May 15, 2024: Request for Qualifications to general contractors
- September 3, 2024: Prequalified five general contractors
- May 29, 2025: Bid solicitation on PlanetBids
 - 42 calendar days, 28 working days
- July 10, 2025: Three bids were received

Bidder	Bid Amount
J.F. Shea Construction Inc.	\$10,296,316
GSE Construction Co., Inc.	\$10,597,000
J.R. Filanc Construction Co., Inc.	\$12,314,000
Engineer's Estimate	\$11,100,000



5 Project Budget and Schedule

Description	Estimated Cost
<i>Design</i>	<i>\$1,653,578</i>
Design Consultant (Actual)	\$1,220,438
System Integrator during Design (Actual)	\$62,557
IEUA Design Services (Actual)	\$370,583
<i>Construction</i>	<i>\$13,774,269</i>
Engineering Services During Construction	\$671,024
System Integrator during Construction	\$407,724
VFD Prepurchase	\$339,941
IEUA Construction Services (10%)	\$1,029,632
Construction Contract (Action)	\$10,296,316
Contingency (10%)	\$1,029,632
<i>Total Project Cost</i>	<i>\$15,427,847</i>
Current Total Project Budget	\$18,770,000

Project Milestone	Date
Construction Contract Award	August 2025
Project Completion	October 2027



6 Staff's Recommendation

- That the Regional Technical and Policy Committees recommend the IEUA Board of Directors award a construction contract to J.F. Shea Construction, Inc. for the RP-4 Process Improvements Phase II Project, No. EN20057, in the amount of \$10,296,316.

**INFORMATION
ITEM**

3A



Chino Basin Program Update

Liz Hurst, Chino Basin Program Manager

August 2025



Agenda

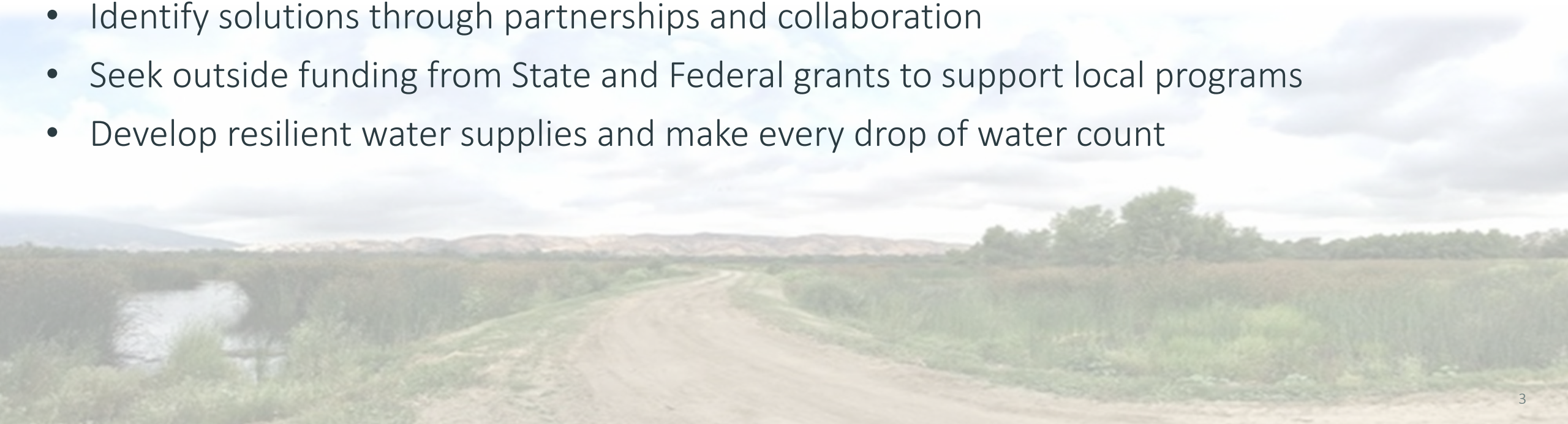


- Background | Vision
- Overview of Chino Basin Program
- Chino Basin Program Facilities
- Implementation Milestones



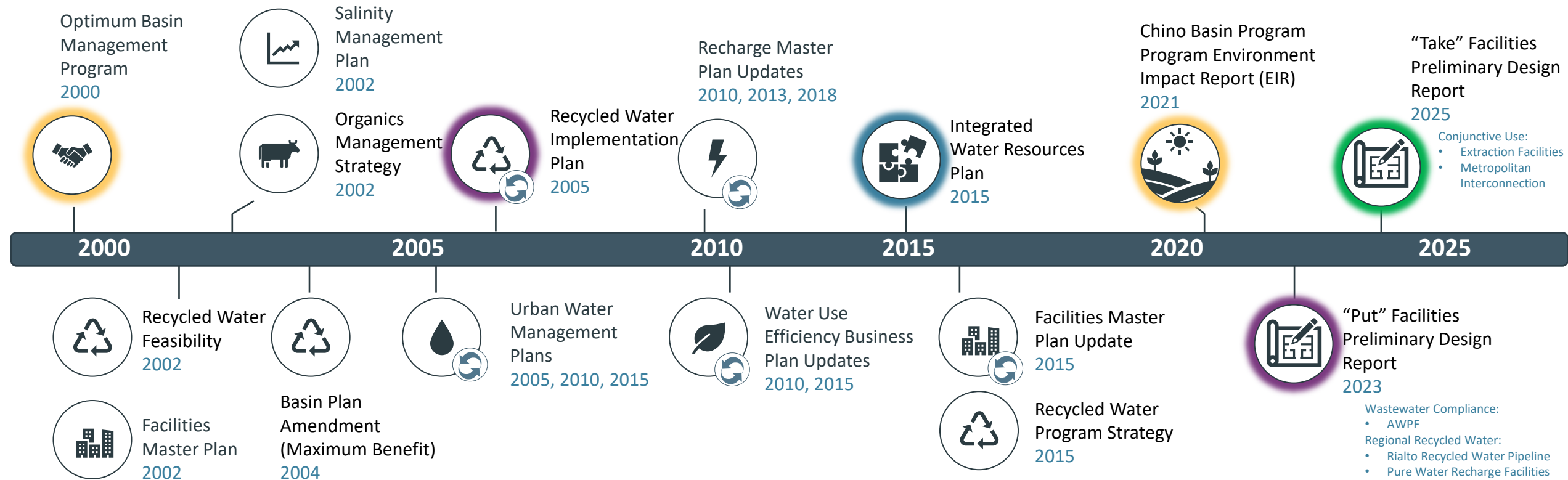
Background | Vision

- Make sound investments that address the needs of the region today, tomorrow, and into the future
- Maximize reliability to IEUA ratepayers
- Protect, maintain, and meet recycled water and wastewater permit requirements
- Identify solutions through partnerships and collaboration
- Seek outside funding from State and Federal grants to support local programs
- Develop resilient water supplies and make every drop of water count





Proactive Regional Planning

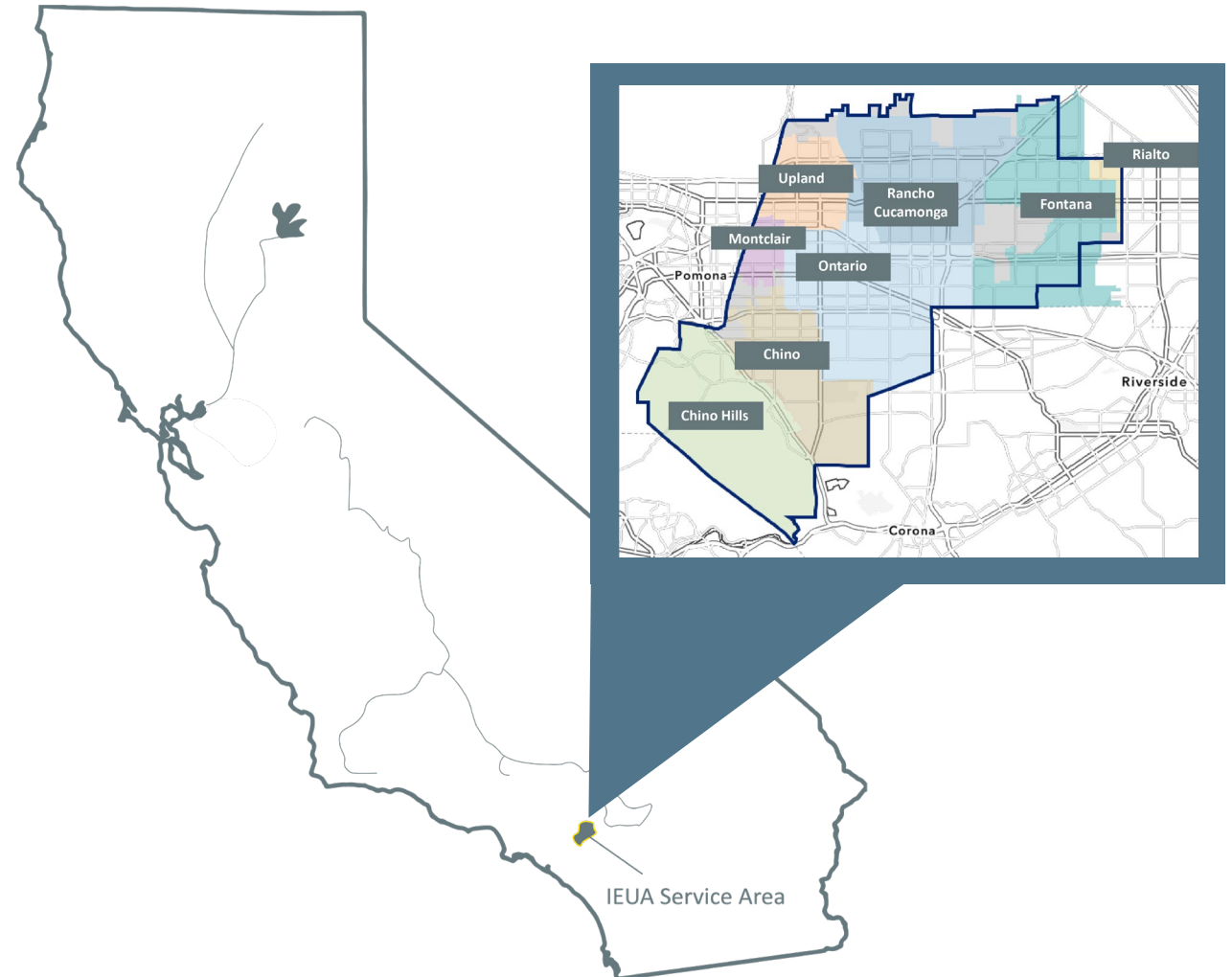




Chino Basin Program Overview

Chino Basin Program (CBP) develops local infrastructure to improve water supply reliability:

- CBP is a series of local water treatment and storage projects
- Exchange agreements provide north of Delta pulse flow for ecosystem benefits
- Designed to modernize storage and delivery systems of regional water supplies

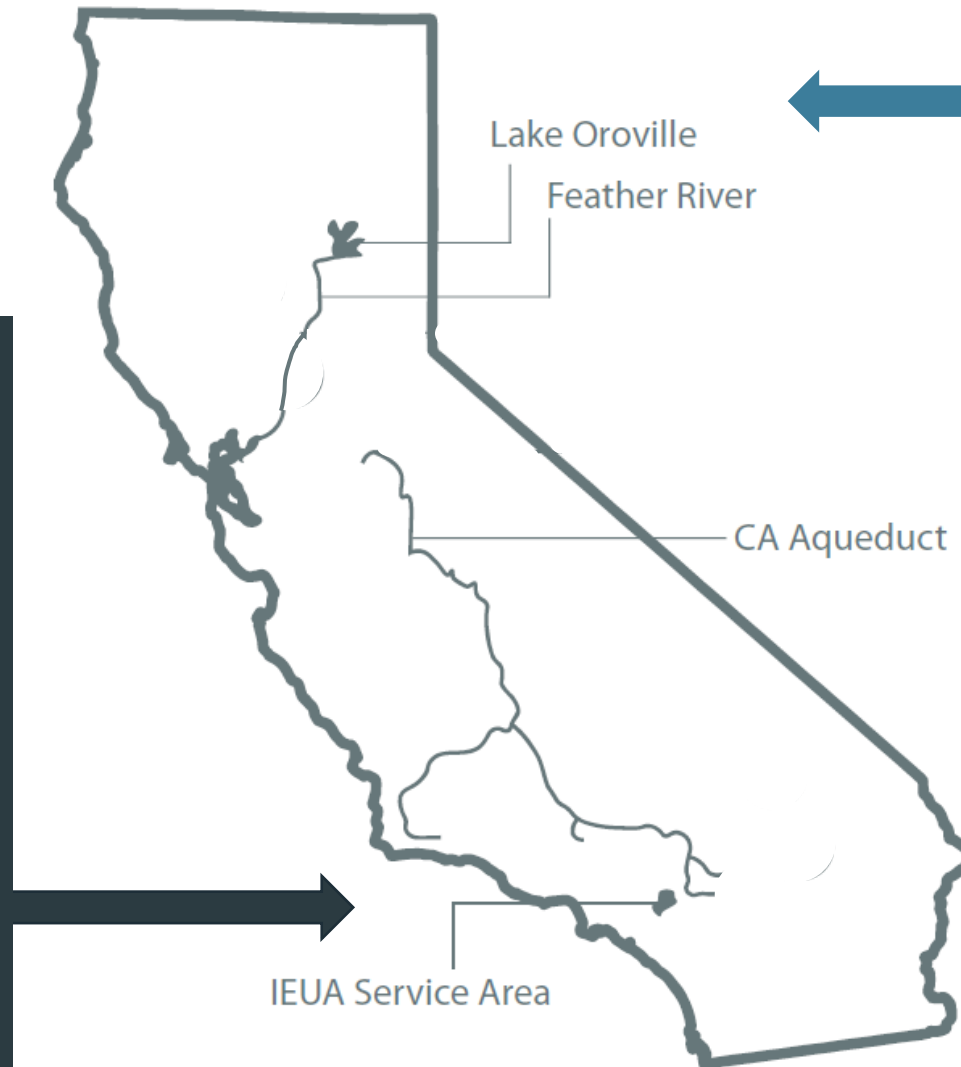




Chino Basin Program Operations

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



Chino Basin Program Overview



Wastewater Compliance Facilities

1

Water Purification



15,000 AF/year

2

Groundwater Storage



15,000 AF/year



Regional Recycled Water Program Facilities

3

New Wells



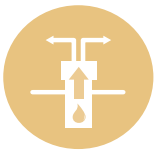
Constructs new production wells

4

Pipeline Interconnection



Interconnection to Metropolitan



Groundwater Conjunctive Use (CBP WSIP* Funds)

*Water Storage Investment Program

Facility

Purpose

Advanced Water Purification Facility (15mgd)

- Advance treat recycled water for storage in groundwater basin
- Remove salts, Contaminants of Emerging Concern (CECs)

Rialto Recycled Water Pipeline

- Supplemental water to provide steady flow for Advanced Water Purification Facility

Pure Water Recharge Facilities (aquifer replenishing wells, conveyance, Groundwater Recharge facilities)

- Store purified water in Chino Basin aquifer for future use.
- 15,000 Acre-Feet (AF) of water to be stored each year

Extraction Facilities (wells, conveyance)

- Production wells with a total production capacity of 40,000 AF

Metropolitan Water District of Southern California (MWD) Interconnection

- Pump-in connection to move 10,000 AF pumped groundwater to MWD's Rialto Pipeline.



Chino Basin Program Overview

Fiscal Year (FY) 2025/26 and FY 2026/27 Funding

- Continuing Planning and Implement Early Design Phase for the Three Components of CBP:



Advanced Water Purification Facility



Regional Recycled Groundwater Replenishment



Production and Conveyance Facilities associated with
Prop 1 - Water Storage Investment Program (WSIP)



- CBP not included in FY 2025/26 and FY 2026/27 Rates and Charges:

Proposed Funding Source	Amount (\$ M)
Water Resources Fund Property Tax Reserve - One Time Transfer	\$24.0
Wastewater Capital Property Tax Reserve	\$12.9
USBR* Large Scale Water Recycling Program Grant	\$10.8
Total =	\$47.7

*United States Bureau
of Reclamation

Long-term Funding and Cost Allocation to be Addressed Through Five-Year Rate Study



Put Infrastructure *Wastewater Compliance Facilities*



1. Advanced Water Purification Facility (AWPF) & Demonstration Facility at RP-4
2. Brine Disposal Pipeline

STATUS:

- ☒ Preliminary Design Work Complete
- ☒ Currently in Early Design and Engineering Phase
- ☒ IEUA Board Award of Progressive Design Contract
- ☐ Funding and Cost Allocation to be Addressed Through Five-Year Rate Study

Board Action: July 2025
*Award Progressive Design
Build Design Contract*

Board Action: July 2027
*Agree to Guaranteed
Maximum Price*

Planning and Preliminary Design Stage
2017-2024

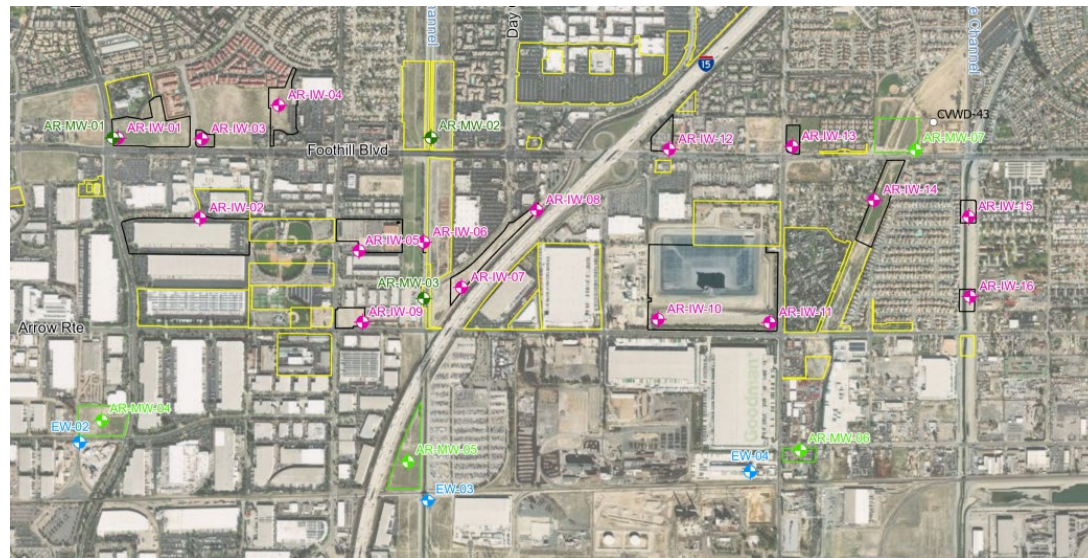
Guaranteed Maximum Price Engineering (Early Design)
2025-2027

Final Design & Construction
2027-2032



Advanced Water Purification Demonstration Facility Location on RP-4 Campus





- STATUS:**

- ☒ Preliminary Design Work Complete
- ☒ Currently in Early Design and Engineering Phase
- ☒ IEUA Board Award of Rialto Progressive Design Contract
- ☐ Pure Water Recharge Facilities Design Contract to Board 2026
- ☐ Funding and Cost Allocation to be Addressed Through Five-Year Rate Study

Planning and Preliminary Design Stage 2017-2024

Board Action: July 2025
Award Progressive Design
Build Design Contract

Guaranteed Maximum Price Engineering (Early Design) 2025-2027

Board Action: July 2027
Agree to Guaranteed
Maximum Price

Final Design & Construction 2028-2031

Planning and Preliminary Design Stage 2017-2025

Board Action: Spring 2026
Award Design Contract

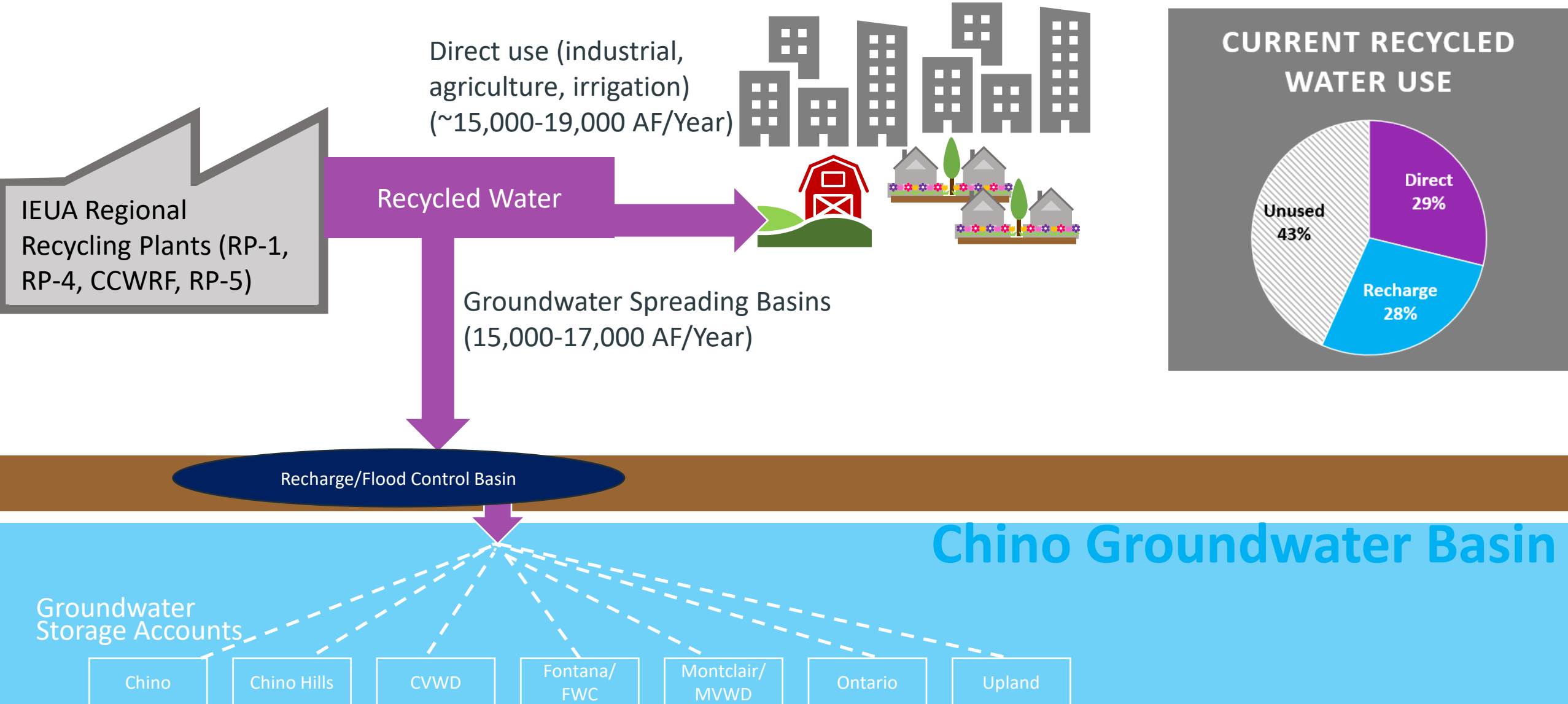
Traditional Design 2026-2028

Board Action: Winter 2027/28
Award Construction Contract

Construction 2029-2031

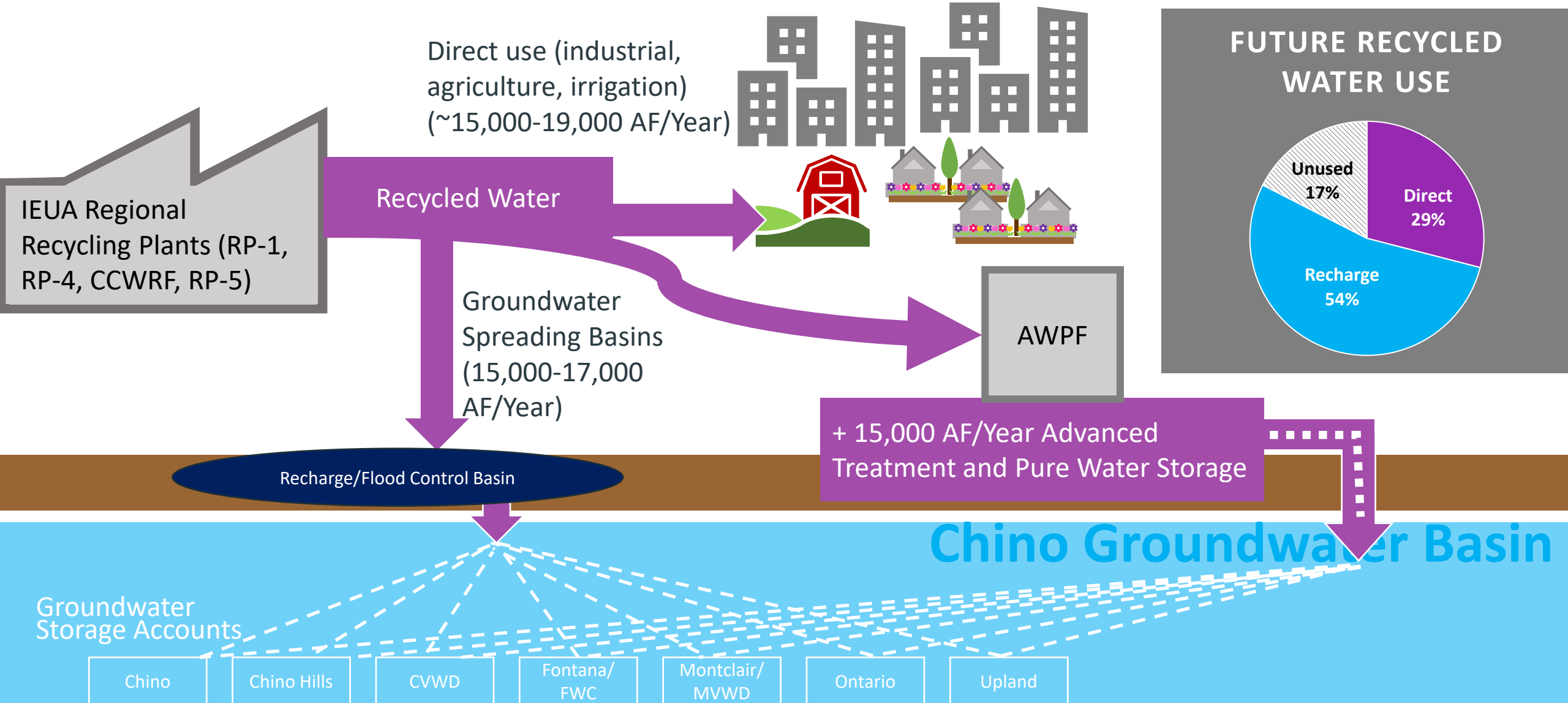


IEUA Recycled Water Program: Existing





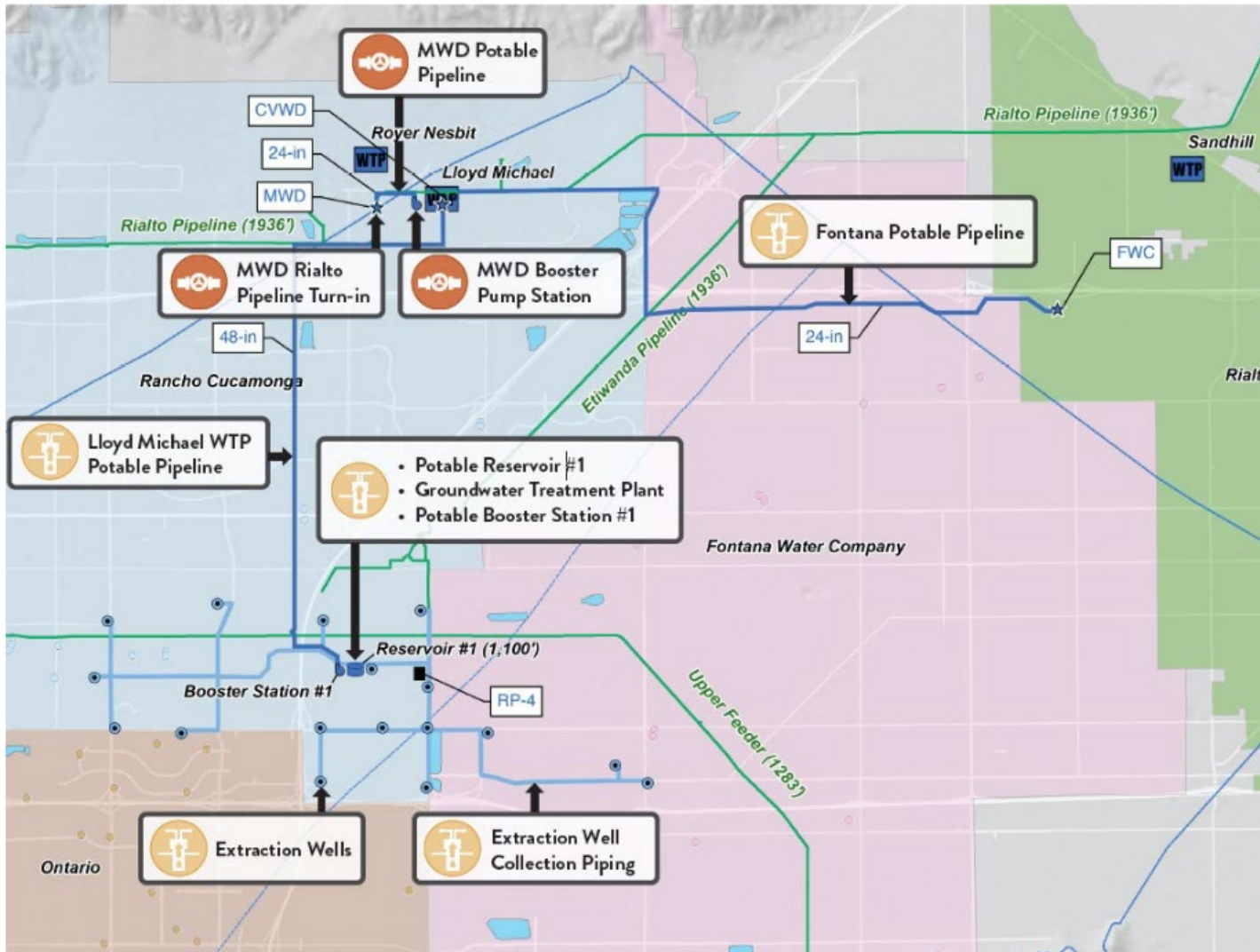
IEUA Recycled Water Program: Future





Take Infrastructure

Groundwater Conjunctive Use (CBP WSIP Funds)



1. Extraction Facilities
(wells and groundwater conveyance)
2. Metropolitan Water District Interconnection

STATUS:

- ☒ Preliminary Design Work underway
- ☐ Partner Decisions, Winter 2025/26
- ☐ Project costs to be funded by partners



Southern California Actions

When pulse flow release occurs:

- Partners will offset imported water that was released as a pulse flow by pumping and serving stored supplies to customers and Metropolitan during the 25-year term
 - Local customers delivery: 225,000 AF
 - Metropolitan maximum pump in: 75,000 AF

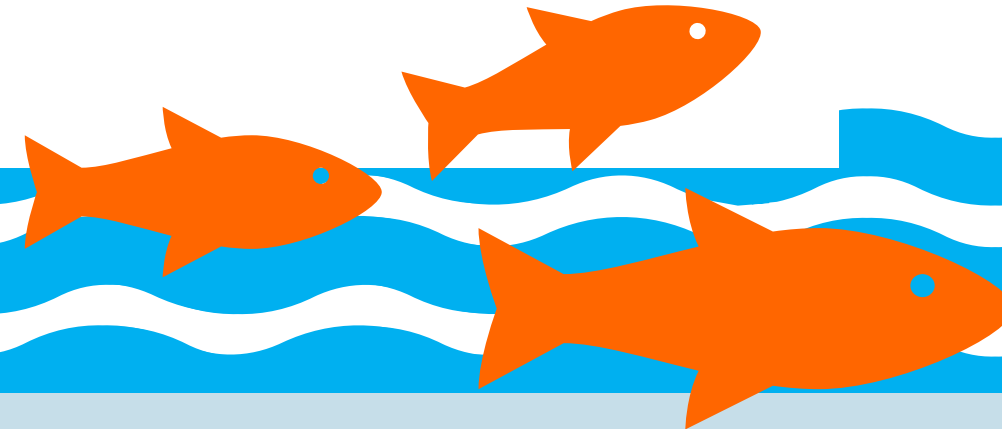




Northern California Actions

(Pulse Flow Release)

1. IEUA provides account balance and confirms Metropolitan's exchange availability based on State Water Project allocation %
2. California Department of Fish and Wildlife determines if they would like a pulse flow
3. Metropolitan notifies California Department of Water Resources (DWR) of amount to be transferred
4. DWR evaluates operational constraints and projected efficiency credit
5. Pulse flow released!





Implementation Milestones

☒ Complete Treatment and Storage Facilities Preliminary Design Review Work

- AWPf (2023)
- City of Rialto Recycled Water (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)

☐ Staff Draft State Public Benefit Contracts for WSIP Funds (fall 2025)

- CDFW | DWR | State Water Resources Control Board

☐ Wastewater Change of Use Permit submittal (fall 2025)

☐ Carriage/Efficiency Credit and State Water Project O&M resolution (Dec 2025)

- DWR | USBR | IEUA

☐ Complete Extraction Facilities PDR Work (winter 2025/26)

- Updated cost estimates

☐ Final Local Performance Agreements (spring 2026)

☐ Environmental finding of consistency (winter 2026/27)

☐ Final State Public Benefit Contracts (winter 2026)

☐ 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)



Fall CBP Stakeholder Update – October 9th

3:00 pm – 5:00 pm

IEUA Events Center

**INFORMATION
ITEM**

3B

Capital Capacity Reimbursement Account Overview

Alexander Lopez
Treasurer
July 2025



2 Upcoming Capital Calls

- **Purpose & Timing**

- In response to the Regional Sewerage Program's Technical Advisory & Policy Committees, IEUA will initiate a series of capital calls beginning July 15, 2025
- These calls are related to wastewater connection fees collected and held by customer agencies
- Capital Call Schedule
 - July 15, 2025
 - January 15, 2026
 - July 15, 2026
 - January 15, 2027

- **Key Objectives**

- Mitigate long-term financing costs
- Reduce rate impact
- Provide advanced planning support through smaller, distributed calls
- Transparency & planning
- Capital calls align with the 2025 Rate Study



3 Upcoming Capital Calls – Project Funding

- Funds will support regional wastewater projects as identified in the:
 - 2025 Rate Study
 - Ten-Year Capital Improvement Plan (TYCIP)

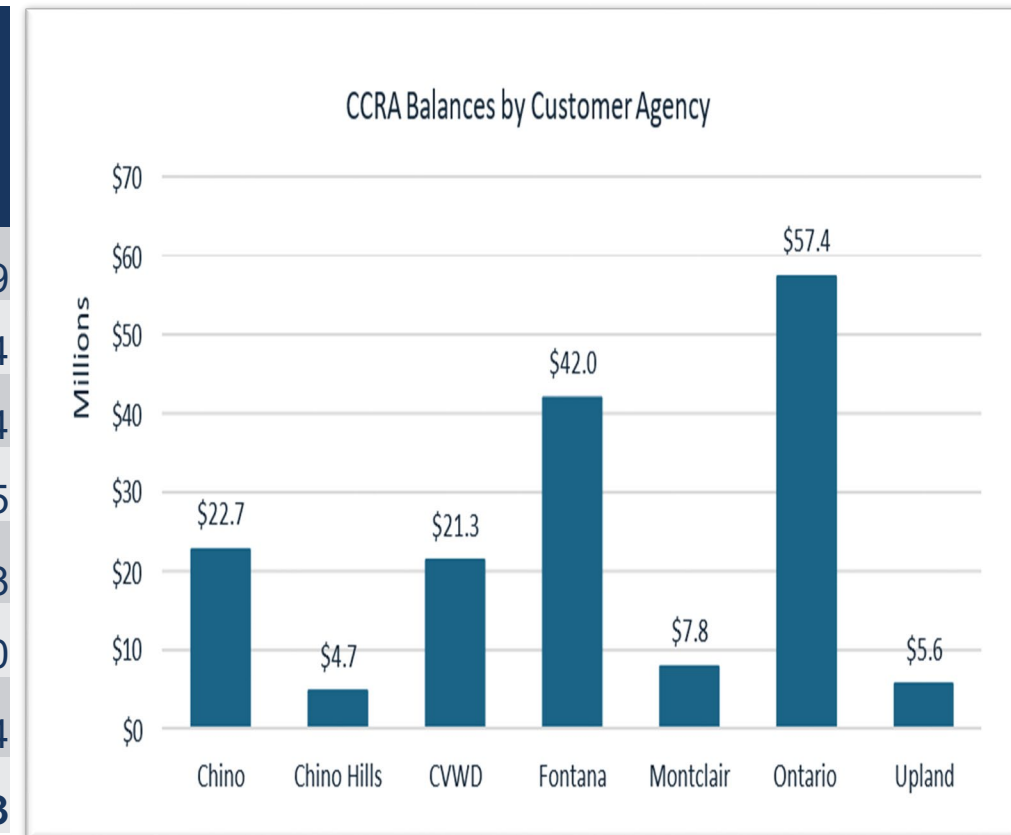
Project Number	Project Names	Budget
EN24032	RP-1 Primary Clarifier #1 Through #10 Rehabilitation	\$14,750,000
EN20057	RP-4 Process Improvements Phase II	\$14,000,000
EN18025	RP-1 Secondary System Rehabilitation	\$11,000,000
EN22031	RP-1 Intermediate Pump Sta. Electrical	\$9,800,000
EN13016	Supervisory Control and Data Acquisition Enterprise System	\$8,600,000
EN23036	San Bernardino Ave LS Reliability Improvements	\$6,250,000
EN25045	Carbon Canyon Water Recycling Facility Electrical Improvements	\$6,200,000
EN23004	Carbon Canyon Water Recycling Facility Aeration Basins 1-6 Drain Valves	\$4,750,000
EN26004	Agency Wide VFD Upgrades WW FY2526	\$4,000,000
EN26046	RP1 Headworks Influent Channel	\$4,000,000
EN25002	SSI Aeration Disk Replace RP1_RP4_RP5	\$3,900,000
EN25010	RSS - Collection System Pipe Rehabilitation	\$2,000,000
Total		\$89,250,000

4 Capital Capacity Reimbursement Account (CCRA) Balances as of March 2025 as Reported by Each Customer Agency



Agencies	Balance of Funds Before Contribution	Supplemental Capital Outlay Contributions		Balance of Funds After Contributions
		Percent	Dollars	
City of Chino	\$22,670,296	14.03%	\$3,129,637	\$19,540,659
CVWD*	21,320,328	13.20%	2,943,274	18,377,054
City of Fontana	41,964,590	25.98%	5,793,217	36,171,374
City of Montclair	7,818,709	4.84%	1,079,374	6,739,335
City of Ontario	57,378,461	35.52%	7,921,104	49,457,358
City of Chino Hills	4,746,471	2.94%	655,251	4,091,220
City of Upland	5,636,678	3.49%	778,144	4,858,534
Totals	\$161,535,533	100.00%	\$22,300,000	\$139,235,533

*Cucamonga Water Valley District



5 Next Steps

- **Important Dates:**

- *July 15, 2025* *Capital Call request sent*
- *July 16, 2025* *Finance Directors Meeting*
- August 2025 IEUA – Internal Audit rates and fees collection procedures
- January 15, 2026 Upcoming Capital Call
- July 15, 2026 Upcoming Capital Call
- January 15, 2027 Upcoming Capital Call



Thank You



@IEUAwater

ieua.org

These materials have not been prepared with a view to informing an investment decision in any of the Agency's bonds, notes or other obligations. Any projections, plans or other forward-looking statements included in the information in this agenda are subject to a variety of uncertainties that could cause any actual plans or results to differ materially from any such statement. The information herein is not intended to be used by investors or potential investors in considering the purchase or sale of the Agency's bonds, notes or other obligations.

**INFORMATION
ITEM**

3C



Eastern Trunk Sewer and Impact on Regional System

Jerry Burke, PE
Director of Engineering
July/August 2025

2 Location of Eastern Trunk Sewer (ETS)





3 Purpose of Eastern Trunk Sewer (ETS)

- ETS eliminated the need to construct an additional train at RP-1
- Allows IEUA to divert flows from RP-1 and/or RP-4 to RP-5 for treatment
 - Provides compliance for wastewater treatment to divert one-third of primary effluent flow
 - Avoided IEUA from expanding RP-1 and RP-5 at same time
- Provided the City of Ontario with the ability to develop and convey pump station flow by gravity
 - Allowed development to begin in the New Model Colony
 - Allowed the City of Ontario time to develop a permanent solution to divert flow from the Whispering Lakes Development
- The jointly owned pipeline provides the most cost-effective solution for both the regional program and the City of Ontario

4 Summary of Agreement on Joint Ownership

- Cooperative Agreement signed in October 2003
 - Agreement states ETS shall not be considered a regional interceptor
 - IEUA and the City of Ontario would own capacity based on their purchase of capacity in the segments of the ETS
- Amendment No. 1 signed in June 2004
 - IEUA paid for the entire facility and the City of Ontario bought back their capacity over 20-years (ending in June 2024)
 - City of Ontario was allowed to utilize up to three (3) million gallons per day (MGD) of IEUA's nine (9) MGD of capacity until the Western Trunk Sewer was built for the Whispering Lakes Development
 - Ontario was required to remove the pump station flows within 20 years
 - Ability to utilize each other's unused capacity and divert flow to the Western Trunk Sewer

5 Requirements After 20 Years

- City of Ontario to return any remaining IEUA capacity reallocated to the Whispering Lakes Development
 - Redirect flow out of the ETS
 - Purchase IEUA's unused capacity (IEUA does not have any unused capacity)

6 Regional Sewer System Considerations

City of Ontario has flow in the ETS that they do not have capacity rights to

- Two (2), Four (4) MGD blow off from reservoirs
- Three (3) connections in Chino Avenue

Impacts to IEUA Regional Sewer

- No capacity to bypass full nine (9) MGD of permit required flow
- IEUA potentially not in compliance with permit
- City of Ontario has not diverted flows to the Western Trunk Sewer
- City of Ontario stated the Western Trunk Sewer was not sized to accept these flows

City of Ontario sewers or sewer systems must be built to not impact IEUA's capacity in the ETS

7 Next Steps

- Conduct flow monitoring and master planning to determine future flows to ETS and the Kimball interceptor
- City of Ontario to relocate flows to where they have capacity
- IEUA to invoice the City of Ontario for use of IEUA's capacity
- Calibrate in-line flow meters to track flows and stop any new connections which would impact system capacity



Questions?



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These materials have not been prepared with a view to informing an investment decision in any of the Agency's bonds, notes or other obligations. Any projections, plans or other forward-looking statements included in the information in this agenda are subject to a variety of uncertainties that could cause any actual plans or results to differ materially from any such statement. The information herein is not intended to be used by investors or potential investors in considering the purchase or sale of the Agency's bonds, notes or other obligations.

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4A

Building Activity Report - YTD Fiscal Year 2024/25



Legend

- Service Area
- Unincorporated

Residential

- <=1.0
- 1.0 - 10.0
- >10.0

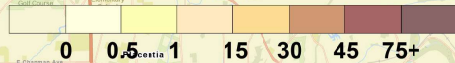
Commercial

- <=1.0
- 1.0 - 10.0
- >10.0

Industrial

- <=1.0
- 1.0 - 10.0
- >10.0

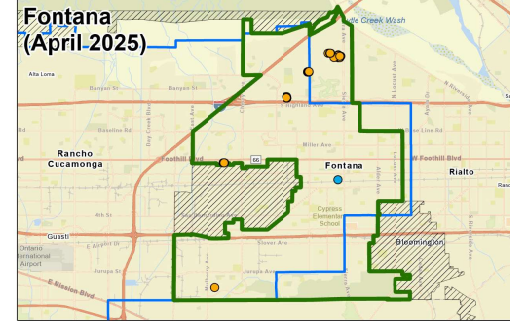
HALF MILE GRID: TOTAL EDU's (YTD)



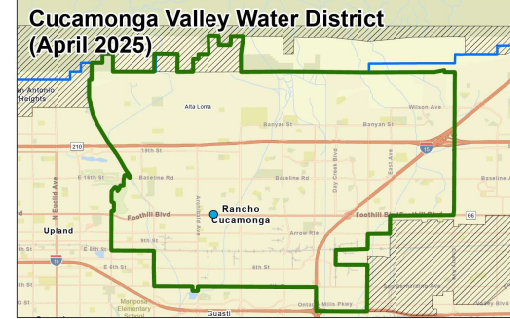
TOTAL EDU BY WASTEWATER CONNECTION TYPE (YTD)

Contracting Agency	YTD Actual			Projected
	Commercial (EDUs)	Industrial (EDUs)	Residential (EDUs)	Total (EDUs)
Chino	19	2	314	335
Chino Hills	29	0	106	135
CWWD	46	0	426	472
Fontana	42	0	792	834
Montclair	0	0	306	306
Ontario	149	52	1020	1221
Upland	33	0	66	99
Total	317	54	3030	3401

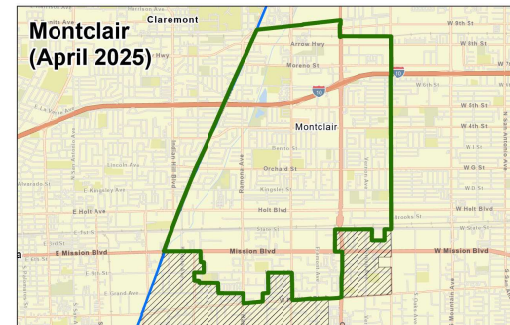
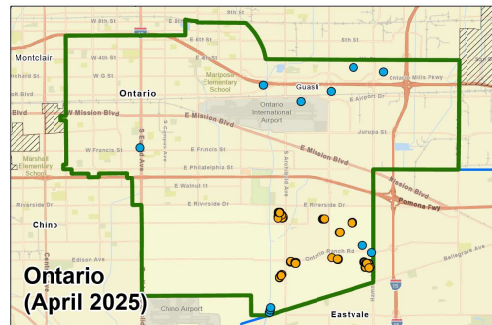
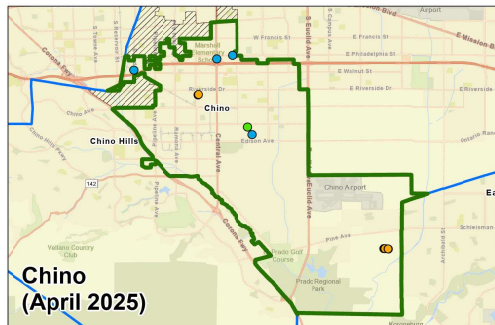
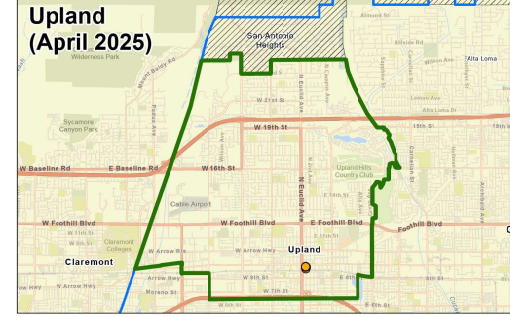
Fontana (April 2025)



Cucamonga Valley Water District (April 2025)



Upland (April 2025)



Building Activity Report - YTD Fiscal Year 2024/25



Legend

- Service Area
- Unincorporated

Residential

- <=1.0
- 1.0 - 10.0
- >10.0

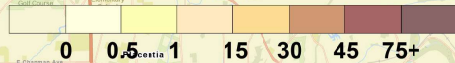
Commercial

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Industrial

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- 1.0 - 10.0
- >10.0

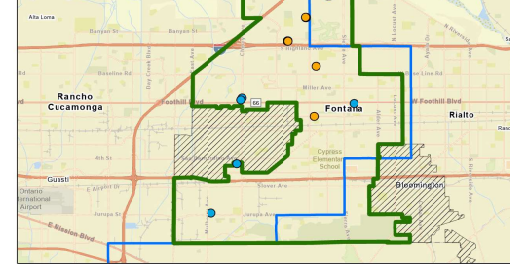
HALF MILE GRID: TOTAL EDU's (YTD)



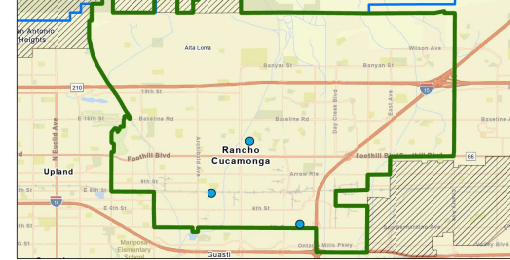
TOTAL EDU BY WASTEWATER CONNECTION TYPE (YTD)

Contracting Agency	YTD Actual			Total (EDUs)	Projected
	Commercial (EDUs)	Industrial (EDUs)	Residential (EDUs)		
Chino	22	2	325	349	407
Chino Hills	31	0	116	147	559
CWWD	49	0	426	475	1033
Fontana	49	0	912	961	1297
Montclair	3	0	306	309	77
Ontario	156	53	1142	1351	2400
Upland	34	0	66	100	59
Total	344	55	3293	3692	5832

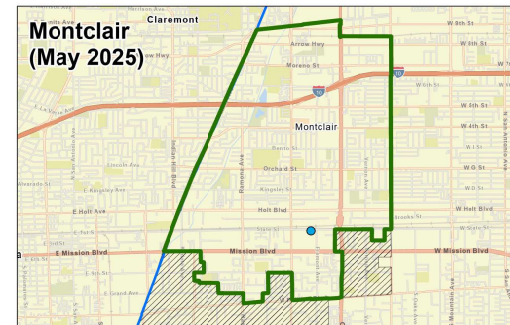
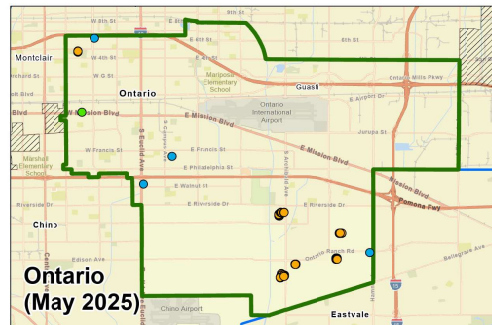
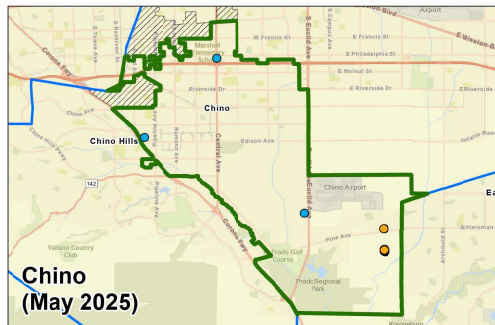
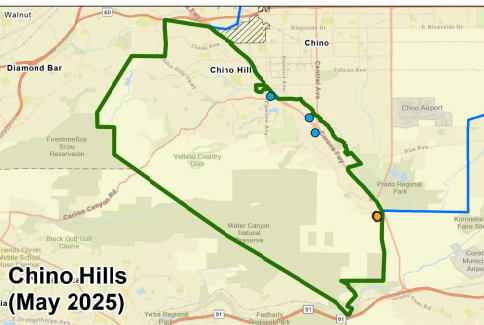
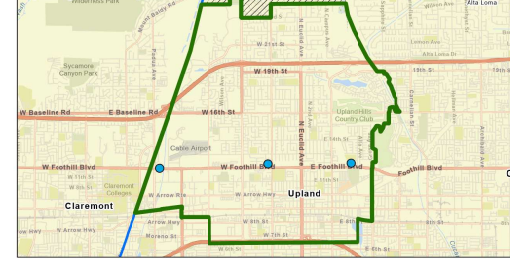
Fontana (May 2025)



Cucamonga Valley Water District (May 2025)



Upland (May 2025)



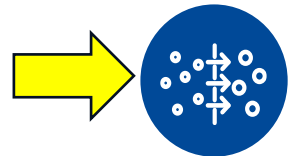
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4B

Update on the Advanced Water Purification Facility at RP-4 Project

Adham Almasri, PE, PMP
Advanced Water Treatment Program Manager
July/August 2025

2 Chino Basin Program (CBP) Overview



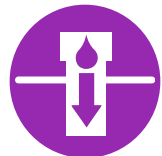
Wastewater Compliance Facilities

Facility

Benefits

Advanced Water Purification Facility
13.4 Millions per Gallon per Day (MGD)

- Treat recycled water for storage in the groundwater basin
- Remove salts, Constituents of Emerging Concern (CEC)



Regional Recycled Water Program Facilities

Rialto Recycled Water Pipeline

- Supplemental water to provide steady flow for Advanced Water Purification Facility

Pure Water Recharge Facilities
(Aquifer replenishing wells, conveyance, Groundwater Recharge facilities)

- Store purified water in Chino Basin aquifer for future use.
- 15,000 acre-feet (AF) of water to be stored each year



Groundwater Conjunctive Use (CBP Water Storage Investment Program Funds)

Extraction Facilities
(Wells, conveyance)

- New wells to pump stored recycled water from aquifer
- 40,000 AF production capacity

Metropolitan Water District of Southern California (MWD) Interconnection

- Pump-in connection to move 10,000 AF pumped groundwater to MWD's Rialto Pipeline

3 Project Background

- Meet commitment to proactively manage and address regulatory requirements
- Reduce salinity and CECs
- Improve resiliency and sustainability of local water resources

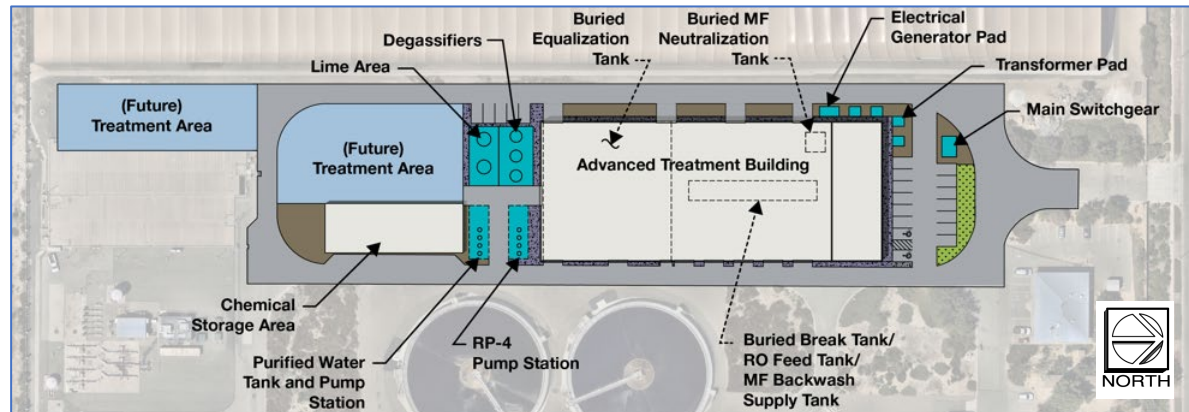


Fig 3.1: Proposed Advanced Water Purification Facility (AWPF) site layout



Fig 3.2: AWPF location at RP-4

4 Project Scope of Work

- Flow equalization and blending of three water sources
- Major processes include membrane filtration (MF), reverse osmosis (RO), and ultraviolet advanced oxidation process (UVAOP)
- High recovery reverse osmosis

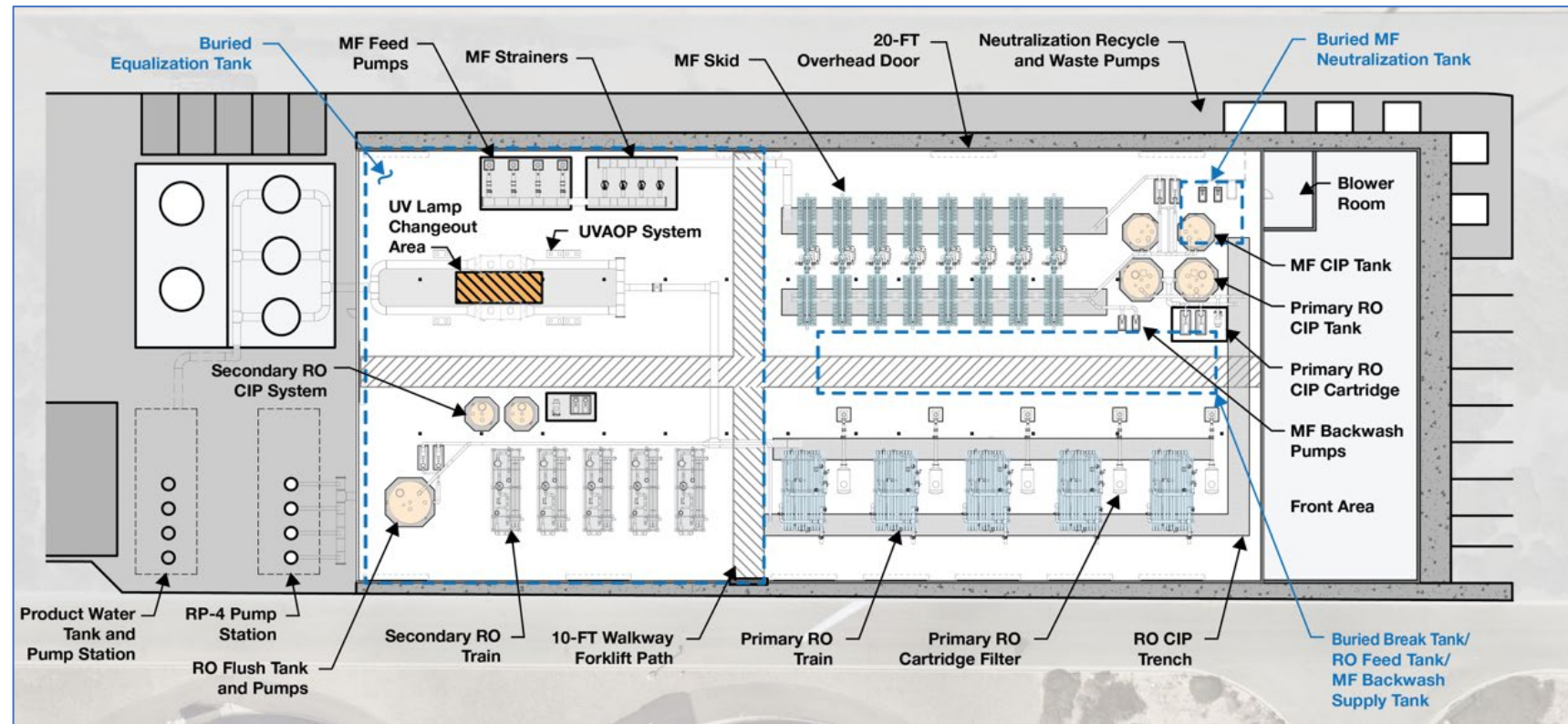
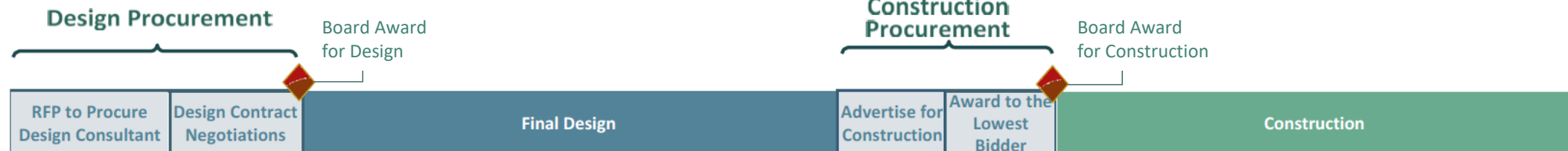


Fig 4.1: Proposed AWPf building layout

5 Overview of Traditional and Alternative Project Delivery

Design-Bid-Build



Progressive Design Build



6 Phase 1 Scope of Work

- Prepare basis of design report, 30% design, and 60% design packages
- Peer review of the Advanced Water Purification Demonstration Facility's design drawings and provide the construction cost
- Prepare a cost model to determine the Guaranteed Maximum Price (GMP) for Phase 2 services



Fig 6.1: Proposed location for AWPf at RP-4

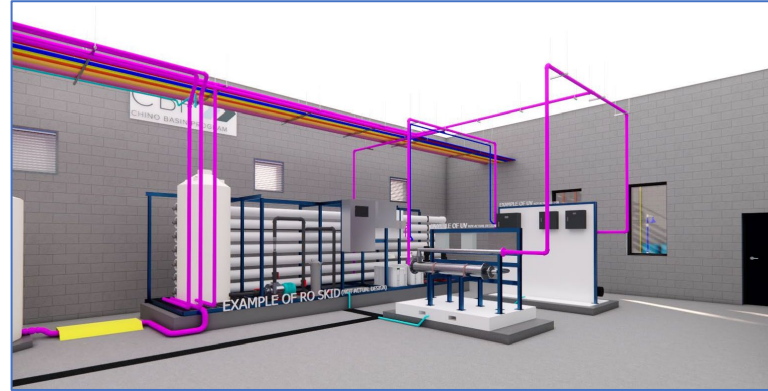


Fig 6.2: Example of Reverse Osmosis Skid for Advanced Water Purification Demonstration Facility



Fig 6.3: Drawing of potential exterior of AWPf

7 Advanced Water Purification Demonstration Facility Goals

- Replicate full-scale facility to support development/optimization of the final AWPf design
- Engage and inform the public through an accessible educational program
- Demonstrate compliance and engage regulators
- Act as a demonstration site to trial and refine innovative process enhancements



Fig 7.1: Example of UVAOP at Demonstration Facility



Fig 7.2: Demonstration Facility Location at RP-4

8 Contractor Selection

- Spring 2024: Market Sounding Survey, Virtual Industry Presentation, and Open House
- Fall 2024: Shortlisted three progressive design build teams
- Spring 2025: Proposal review and interviews
- Phase 1 Fees are \$9,372,735; within total project budget of \$45,200,000
- Phase 1 was approved by the IEUA Board on July 16, 2025

Progressive Design Build Teams
J.F. Shea-Tetra Tech
Kiewit-Stantec-Brown and Caldwell
W.M. Lyles-AECOM

9 Project Schedule



Project Milestone	Date
Phase 1 Contract Award	July 2025
Receive GMP	May 2028
Phase 2 Contract Award	November 2028
Project Completion	September 2031



10 CBP Fiscal Year (FY) 2025/26 and FY 2026/27 Funding

- Continue Planning and Implementing the Early Design Phase for the Three Components of CBP:



Advanced Water Purification Facility



Regional Recycled Groundwater Replenishment



Production and Conveyance Facilities associated with Prop 1 - Water Storage Investment Program (WSIP)



- CBP not included in FY 2025/26 and FY 2026/27 Rates and Charges:

Proposed Funding Source	Amount (\$ M)
Water Resources Fund Property Tax Reserve - One Time Transfer	\$24.0
Wastewater Capital Property Tax Reserve	\$12.9
United States Reclamation Service Large Scale Water Recycling Program Grant	<u>\$10.8</u>
Total =	\$47.7

Grant Awards	Amount (\$ M)
United States Reclamation Service Planning Grant	\$2.8
Metropolitan Water District Future Supply Actions Grant	<u>\$0.4</u>
Total =	+\$3.2

Long-term Funding and Cost Allocation to be Addressed Through Five-Year Rate Study



Thank You



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