

Regional Sewerage Program Policy Committee Meeting

AGENDA Thursday, September 1, 2022 3:30 p.m. Teleconference Call

To prevent the spread of COVID-19, the Regional Sewerage Program Policy Committee Meeting will be held remotely by teleconference.

Teams Conference Link: https://teams.microsoft.com/l/meetup-join/19%
3ameeting OTMyZTdmNzltNjBiMC00NmZmLTkzOWYtOTdmZDc5MDlwNGQw%40thread.v2/0?
https://teams.microsoft.com/l/meetup-join/19%
<a href="mailto:context-weight: bulk-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-picked-

Teleconference: 1-415-856-9169/Conference ID: 214 918 877#

This meeting will be conducted virtually by video and audio conferencing. There will be no public location available to attend the meeting; however, the public may participate and provide public comment during the meeting by calling the number provided above. Alternatively, you may email your public comments to Recording Secretary Laura Mantilla at lmantilla@ieua.org no later than 24 hours prior to the scheduled meeting time. Your comments will then be read into the record during the meeting.

Call to Order/Flag Salute

Roll Call

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.

Regional Sewerage Program Policy Committee Meeting Agenda September 1, 2022 Page 2 of 2

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.

1. Technical Committee Report (Oral)

2. Action Item

- A. Approval of July 7, 2022 Policy Committee Meeting Minutes
- B. Request to Establish Ad-hoc BAR Subcommittee

3. Informational Items

- A. Regional Contract Negotiation Update (Oral)
- B. Engineering & Construction Management Quarterly Project Updates
- C. Chino Basin Program Update

4. Receive and File

- A. Building Activity Report
- B. Recycled Water Distribution Operations Summary

5. Other Business

- A. IEUA General Manager's Update
- B. Committee Member Requested Agenda Items for Next Meeting
- C. Committee Member Comments
- D. Next Meeting October 6, 2022

Adjourn

DECLARATION OF POSTING

I, Laura Mantilla, Executive Assistant 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 Laura Mantilla at (909) 993-1944 or <u>Imantilla@ieua.org</u> 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 JULY 7, 2022 MEETING

CALL TO ORDER

A meeting of the Inland Empire Utilities Agency (IEUA)/Regional Sewerage Program Policy Committee was held via teleconference on Thursday, July 7, 2022. Chair Randall Reed/Cucamonga Valley Water District (CVWD) called the meeting to order at 3:30 p.m.

PLEDGE OF ALLEGIANCE

Chair Reed led the Pledge of Allegiance. Recording Secretary Sally Lee took roll call and established a quorum was present.

ATTENDANCE via Teleconference

Committee Members Present:

Phillip Cothran	City of Fontana		
John Dutrey	City of Montclair		
Randall Reed	CVWD		
Eunice Ulloa	City of Chino		
Art Bennett	City of Chino Hills		
Debra Dorst-Porada	City of Ontario		
Bill Velto	City of Upland		
Marco Tule	Inland Empire Utilities Agency (IEUA)		

Others Present:

Dave Crosley	City of Chino
Mark Wiley	City of Chino Hills
Courtney Jones	City of Ontario
Christopher Quach	City of Ontario
Nicole deMoet	City of Upland
Luis Cetina	CVWD
Amanda Coker	CVWD
Eduardo Espinoza	CVWD
Kevin Kenley	CVWD
Gull Nawaz	CVWD
Jiwon Seung	CVWD

Others Present (continued)

Terra Alpaugh	Kearns & West
Michael Harty	Kearns & West
Natalie Avila	Unknown
Djankin Myers II	Unknown
Shivaji Deshmukh	IEUA
Jerry Burke	IEUA
Andrea Carruthers	IEUA
Javier Chagoyen-Lazaro	IEUA
Kristine Day	IEUA
Lucia Diaz	IEUA
Denise Garzaro	IEUA
Sally Lee	IEUA
Scott Lening	IEUA
Liza Munoz	IEUA
Cathleen Pieroni	IEUA
Alyson Piguee	IEUA
Sushmitha Reddy	IEUA
Jeanina Romero	IEUA
Steven Smith	IEUA
Ken Tam	IEUA
Teresa Velarde	IEUA

PUBLIC COMMENTS

There were no public comments.

ADDITIONS/CHANGES TO THE AGENDA

There were no additions or changes to the agenda.

1. TECHNICAL COMMITTEE REPORT

Amanda Coker/CVWD stated that at the June 30 Technical Committee meeting, there were two action items approved by the Committee: 1. The May 26, 2022 Technical Committee meeting minutes; and 2. A request by the City of Chino for a Regional Connection Point to the Western Interceptor Relief Sewer (Chino Regional Sewer Connection C-03D) Project Number EN0000000145. There were three information items presented: 1. Recycled Water Groundwater Recharge Update; 2. Return to Sewer Study Update; and 3. the Operations and Compliance Update. Ms. Coker stated that Michael Harty/Kearns & West will present an update on the Regional Contract negotiations under Information Item 3A.

2. ACTION ITEMS

A. APPROVAL OF THE JUNE 2, 2022 POLICY COMMITTEE MEETING MINUTES

<u>Motion</u>: By Bill Velto/City of Upland and seconded by Eunice Ulloa/City of Chino to approve the meeting minutes of the June 2, 2022 Regional Policy Committee Meeting by the following vote:

Ayes: Velto, Ulloa, Dutrey, Dorst-Porada, Cothran, Reed

Noes: None Absent: None Abstain: Bennett

The motion passed by a vote of 6 ayes, 0 noes, 1 abstain, and 0 absent.

3. INFORMATIONAL ITEM

A. REGIONAL CONTRACT NEGOTIATION UPDATE

Michael Harty/Kearns & West reported that the contract agencies have completed their review of the redlined documents from IEUA and a joint-issued prioritization review in preparation for the next step in the negotiation process. The contract agencies are prepared to move forward with joint sessions with IEUA once they understand the proposed relationship of the recycled water policy and the new sewage contract. IEUA has initiated one on one discussions with the contract agencies to introduce a proposal on recycled water. Mr. Harty added that IEUA will provide documentation on the proposed recycled water approach to the contract agencies. Discussion ensued on the timeline, governance, and recycled water.

B. AGENCY RESERVES

General Manager Shivaji Deshmukh introduced Assistant General Manager Kristine Day. Javier Chagoyen-Lazaro/IEUA provided a presentation on the Agency Reserves for the Wastewater funds.

4. RECEIVE AND FILE

A. RECYCLED WATER GROUNDWATER RECHARGE UPDATE

Debra Dorst-Porada/City of Ontario pulled Item 4A. Steven Smith/IEUA provided a presentation on recycled water groundwater recharge trends, rubber dam repairs, and upcoming recharge site maintenance.

B. BUILDING ACTIVITY REPORT

C. RECYCLED WATER DISTRIBUTION - OPERATIONS SUMMARY

Item 4B and 4C were received and filed by the Committee.

5. OTHER BUSINESS

A. IEUA GENERAL MANAGER'S UPDATE

General Manager Shivaji Deshmukh complimented the Groundwater Recharge team on reaching a record for recycled water storage. He then extended an invitation to the Policy Committee to a tour of the recharge facilities.

General Manager Deshmukh stated that Committee Member Dutrey requested a workshop on the Chino Basin Program (CBP). A CBP workshop will be held on August 4 in place of the Regional Policy Committee meeting. Information on any additional workshops will be shared with the Committee.

General Manager Deshmukh then introduced the new Director of External and Government Affairs Alyson Piguee.

B. COMMITTEE MEMBER REQUESTED AGENDA ITEMS FOR NEXT MEETING

There were no Committee Member requested agenda items for the next meeting.

C. COMMITTEE MEMBER COMMENTS

Committee Member Dorst-Porada commented on a recent Chino Basin Watermaster board agenda item regarding amending the General Manager's contract. She expressed concern for the amount of compensation being provided to their GM and noted that IEUA is a voting member but does not pay for CBWM expenses.

She stated that while the City of Ontario wants to be a team player, the City does not support the Chino Basin Program as currently proposed as a result of the exchange of 20 to 25 percent of the recycled water to the state for 25 years, noting that local control is the best control.

Committee Member Dorst-Porada also commented on AB 2840 regarding warehouse logistics and stated that local control is best.

D. NEXT MEETING – AUGUST 4, 2022

6. ADJOURNMENT

Chair Reed adjourned the meeting at 4:22 p.m.

Prepared by:		
Laura Mantilla,	Recording Se	cretary

ACTION ITEM **2B**



Date: August 2022 / September 2022

To: Regional Technical Committee / Regional Policy Committee

From: Ken Tam, Manager of Environmental Services

IEUA – Planning & Resources Department

Subject: Building Activity Report (BAR) Ad-hoc Subcommittee Formation

RECOMMENDATION

It is requested that the Regional Committees approve the formation of the Ad-hoc Building Activity Report (BAR) Subcommittee.

BACKGROUND

In 2012, IEUA requested the formation of an Ad-hoc BAR Subcommittee through the Regional Technical Committee to streamline and bring uniformity to the monthly building activity reporting process, as well as to revise Exhibit J of the Regional Sewage Service Contract (Regional Contract). The process resulted in an improved BAR data processing system and an amendment to Exhibit J in 2013.

During the ongoing Regional Contract negotiation discussions, IEUA and the Contracting Agencies identified several topics which warrant further subcommittee review. Some initial topics identified include monthly sewer user fee collection, handling users with no record of Equivalent Dwelling Unit (EDU) capacity purchases, and addressing Accessory Dwelling Unit (ADU) connection fees. As such, the group has requested the formation of a new Ad-hoc BAR Subcommittee in order to address EDU related concerns on an as-needed basis. The proposed members of the subcommittee would include IEUA and each of the Contracting Agencies. The proposed structure would include having IEUA working in collaboration with the Contracting Agencies to develop agendas, and with each Agency bringing pertinent subject matter experts to each meeting based on the topic of discussion. Conclusions drawn from the subcommittee will be documented and reported to the Regional Committees for consideration.

ATTACHMENTS

Attachment 1 – PowerPoint Presentation



Background



- In 2012, IEUA requested an Ad-hoc Building Activity Report (BAR) Subcommittee be formed through the Regional Technical Committee
 - -Goals:
 - Review and streamline the BAR process
 - Discuss, clarify, and update Exhibit J
 - Results from the Subcommittee
 - BAR Template
 - Exhibit J Amendment
- 2021/22 Regional Contract Negotiation conceptually agrees to a standing BAR Subcommittee to address fee collection uniformity
- 2022 IEUA and Contracting Agencies identify several additional topics in need of evaluation



Goals, Topics, Structure, & Reporting

- Goals of 2022 BAR Ad-hoc Subcommittee
 - Forum for Contracting Agencies and IEUA to discuss topics of concern
 - Create and reinforce regionally uniform methods for sewerage program fee collection

Topics of Discussion

- Monthly Sewer Use Fees
- Evaluation of Industrial Users with no records of EDU purchases
- Accessory Dwelling Units
- Additional topics from members of the Subcommittee

Structure

- IEUA to develop agendas for topics of discussion
- Contracting Agencies to send subject matter experts to meetings (depending on topic)

Reporting

- Conclusions from Subcommittee to be documented
- Subcommittee to report conclusions to Regional Technical Committee

Recommendation

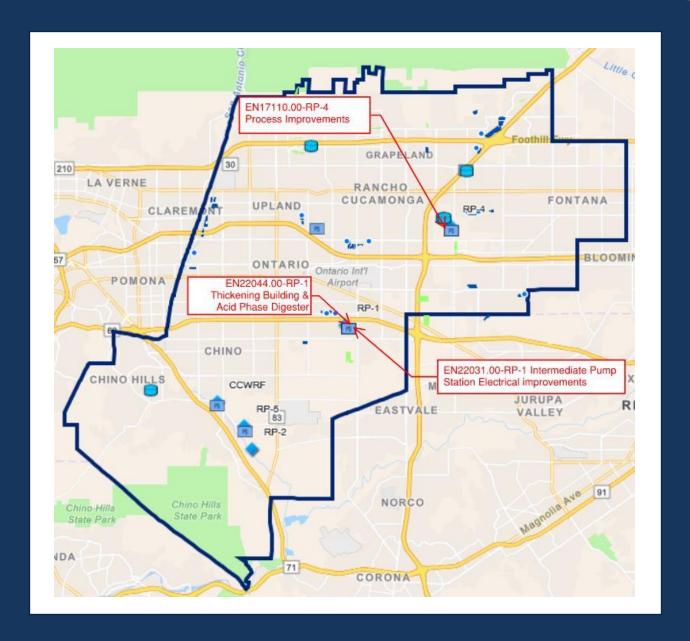


It is requested that the Regional Committees approve the formation of the Ad-hoc Building Activity Report (BAR) Subcommittee

INFORMATION ITEM

3B





Project Location Map

Primary Clarifier Rehabilitation/ RP-4 Process Improvements

Project Goal: Extend Asset Life & Improve Efficiencies



Phase	Consultant/ Contractor	Current Contract	Amendments/ Change Orders
Design	Carollo Engineering	\$1.7M	25%
Construction (Current)	W.M. Lyles	\$13.5M	22%
Project Management Team			
Pr	oject Manager:	Spears, James	
Assistant/Associate Engineer:		Salazar, Victoria	
Administrative Assistant:		Olsen, Wendy	
	Inspector	Carollo	





Demo of Turblex Blowers

RP-1 Intermediate PS Electrical Improvements

Project Goal: Rehabilitate/Repair Existing Assets





Intermediate Pump Station

Total Project Budget: \$9M Project Completion: April 2025 Design Percent Complete: 10%

Phase	Consultant/ Contractor	Current Contract	Amendments/ Change Orders	
Pre-Design (Current)	GHD	\$1.1M	0%	
Construction	TBD	\$0	0%	
Project Management Team				

Froject Management Team			
Project Manager:	Simpson, James		
Assistant/Associate Engineer:	Asprer, Kevin		
Administrative Assistant:	Wallace & Associates		
Inspector:	TBD		

RP-1 Thickening Building & Acid Phase Digester

Inland Empire Utilities Agency
A MUNICIPAL WATER DISTRICT

Project Goal: Increase Treatment Capacity

Total Project Budget: \$133M

Project Completion: November 2026

Design Percent Complete: 30%

Phase	Consultant/ Contractor	Current Contract	Amendments/ Change Orders
Design (Current)	Carollo Engineering	\$7.3M	14%
Construction	TBD	\$0M	0%

Project Management Team			
Project Manager:	Simpson, James		
Assistant/Associate Engineer:	Asprer, Kevin		
Administrative Assistant:	Wallace & Associates		
Inspector:	TBD		



Project Site

INFORMATION ITEM

3C













THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

Chino Basin Program

September 2022



Current Conditions

- Today, the Chino Basin relies upon imported water from the State Water Project (SWP) for 30% of its water supplies
- Sometimes, drought restrictions limit the amount of water available from the SWP
- What will we rely on when water imports are limited?





Chino Basin Program

Chino Basin Program (CBP) adds infrastructure so we can treat and store water locally:

- CBP builds Advanced Water
 Purification Facilities to treat recycled water, providing access to currently untapped supply
- CBP builds injection and extraction wells to store and retrieve the treated water
- CBP builds a distribution system to convey the treated water





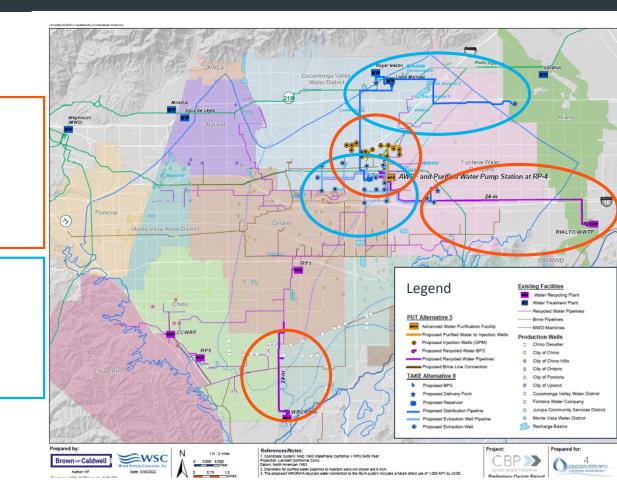
CBP-Local Facilities Overview

Facilities:

Put

Take

- 17,000 AF/year AWPF at RP-4
 - 11,000 AF/year IEUA partners' recycled water
 - 6,000 AF/year external water supply sources
- Advanced treated recycled water pipeline
- Injection wells
- 40,000 AF/year Extraction wells
- Potable water pipelines & Reservoir
- Interconnection to Metropolitan's Rialto Pipeline





Chino Basin Program Partners





Service Beyond Expectation



Proudly serving Jurupa Valley and Eastvale







Imported Water Supplies Comparison

IEUA Water Agency	FY 20/21 Imported Water Purchases	% Water Supply
Chino	4,700	22%
Chino Hills	1,500	10%
CVWD ¹	34,400	69%
FWC ¹	14,400	35%
MVWD ²	6,100	36%
Ontario	5,900	14%
Upland	4,400	23%
Total	71,400	

Notes

¹ Includes MWD Tier 1 Imported Water & Dry Year Yield purchases

² MVWD imported water includes sales to Chino Hills

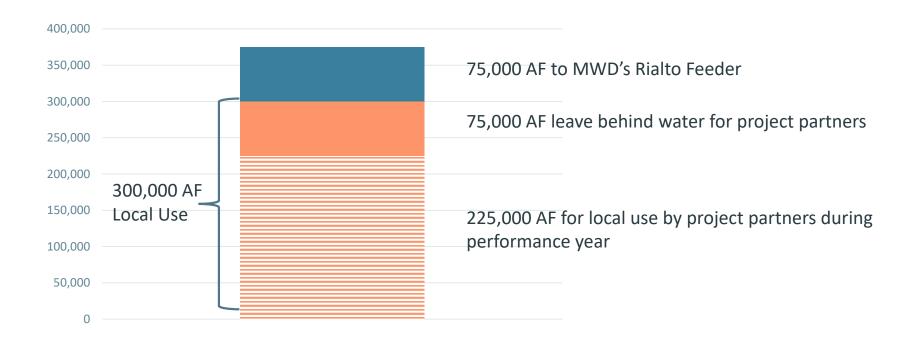


Typical Recycled Water Use (Based on FY 2020-21)

Contracting Agency	Base First Right of Purchase (AF)	Current Use (Direct + Recharge)	% Beneficial Use	Opportunity to Increase Recycled Water Use (AF)
Chino	6,207	5,643	91%	564
Chino Hills	5,055	3,132	62%	1,923
CVWD	13,194	5,041	38%	8,153
Fontana	11,004	3,610	33%	7,394
Montclair	2,546	1,080	42%	1,466
Ontario	12,854	12,276	96%	578
Upland	5,289	2,303	44%	2,986
IEUA & SB County		905		
Creek Discharge		20,364		
Total	56,150	33,085		23,065



CBP Generates 300,000 AF for Local Use over the 25-year term





CBP Preliminary Design Schedule *Project Components*





CBP Agreements Schedule

✓ CWC Feasibility ✓ Certify EIR **CBWM** Coordination Finalize Pre-Design for Determination **Participating** facilities to 30% & Review √ Local Agency **Participating** Draft Agreement **CWC** Final Funding ✓ Receive comments Agreements on draft EIR Terms – Resource Agency Award Commitments Agencies: Finalize Phase I CDFW Resource DWR Agency Metropolitan ✓ Metropolitan Agreements Agreement Phase I

Nov-Dec 2021

Spring 2022

Winter 2022

Summer 2023

Fall 2023





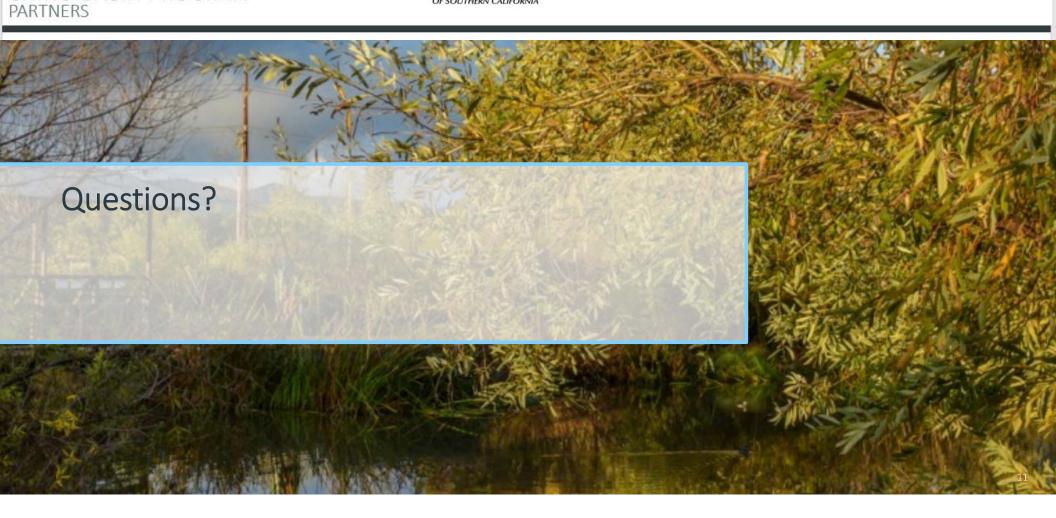








THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA





Additional Information & Reference Materials



CBP PUT Facilities Overview: AWPF, Injection Wells & Pipelines

Advanced Water Purification Facility @ RP-4

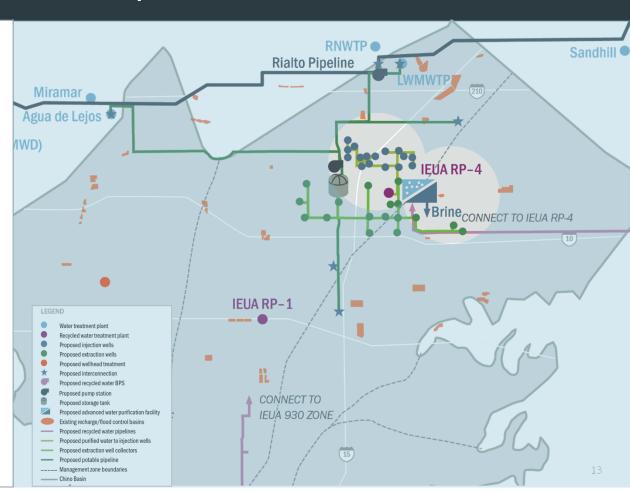
- Treatment process: MF/RO/UV-AOP
- Capacity of 17,000 AF/Y; 15,000 AF/Y Product Water
- Pump Station
- Brine disposal to north NRWS

Pipelines: 7 miles, 8"-30" to injection wells

Injection Wells in Chino Basin MZ-2

- 16 injection wells
- 4 monitoring wells
- 2.5MG equalization tank

Location: Rancho Cucamonga, Chino Basin M72





CBP PUT Facilities Overview: City of Rialto Recycled Water Interconnection

Water Supply: 3,500 AF/Y (6.2 MGD)

May-Oct

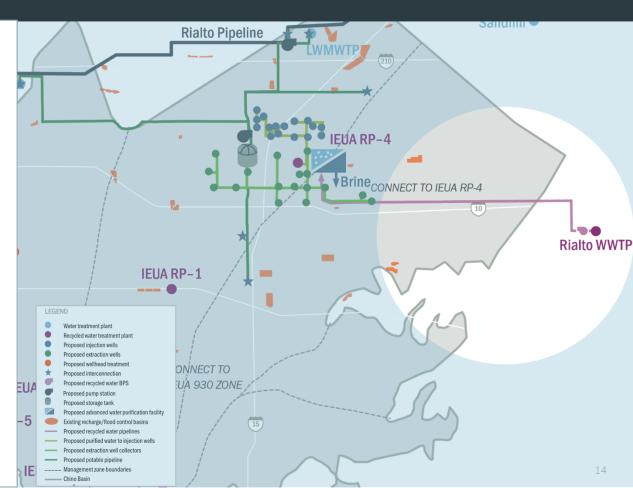
Pipeline

• 11 miles of 24"

• Connection to AWPF at RP-4

• Location: Rialto, Fontana, Rancho Cucamonga

Pump Station: 11.7 MGD at Rialto WWTP





CBP PUT Facilities Overview: JCSD/WRCWRA Recycled Water Interconnection (under discussion)

Water Supply: 2,500 AF/Y (4.5 MGD)

May-Oct

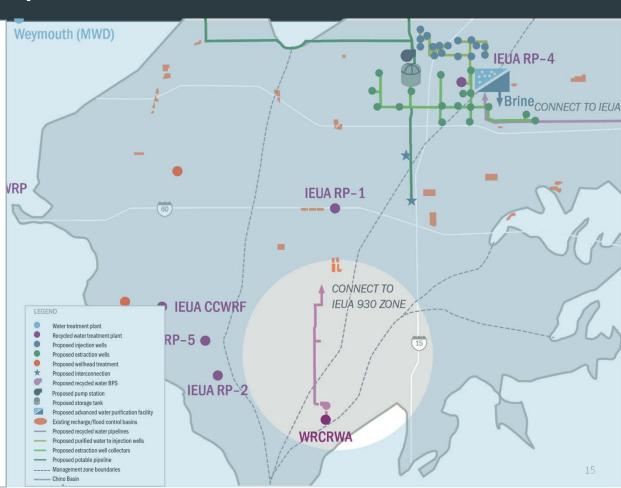
Pipeline

• 3 miles of 24"

 Connection to IEUA's 930 Zone (north of 930/800 PRV)

• Location: Eastvale, Chino, Ontario

Pump Station: 7 MGD in WRCWRA plant





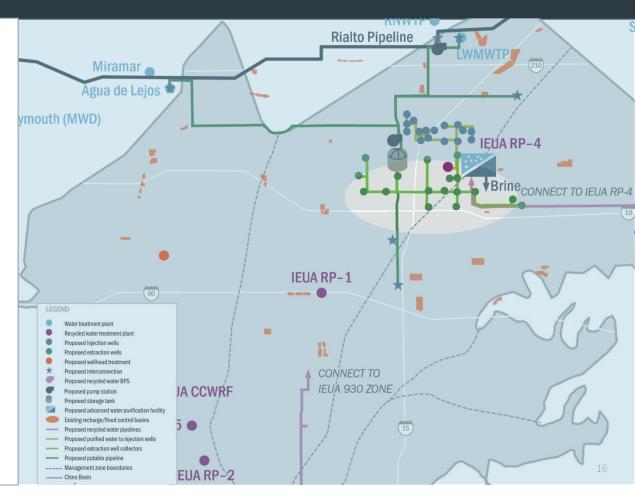
CBP TAKE Facilities Overview: Extraction Wells, Potable Water Pipelines & Reservoir

Wells:

- 17 wells (12 operating, 5 redundant)
- 2,000 gpm capacity for each well
- 40,000 AF annual pumping capacity
- Location: Rancho Cucamonga, Fontana, Ontario

Pipelines:

- 12 miles of 12" to 48" collector pipelines
- 5MG storage tank
- Booster pump station





CBP TAKE Facilities Overview: *MWD Rialto Pipeline Interconnection*

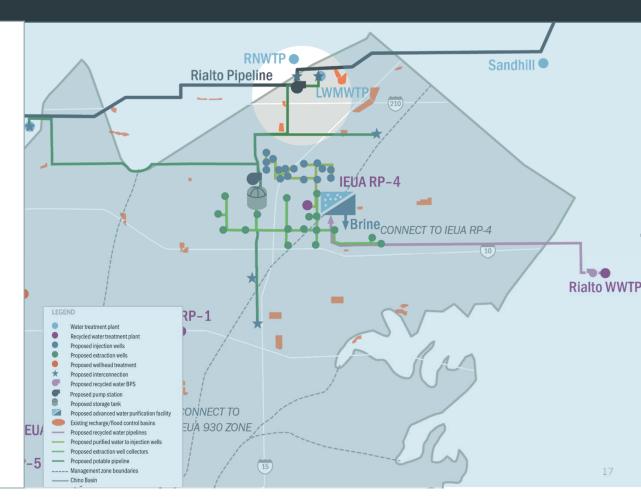
Connection capacity of 10,000 AF/Y

Location: Lloyd Michaels Treatment Plant

clearwell to the Rialto Pipeline

Pipeline: 0.8 miles of 24" with a 24"

interconnection



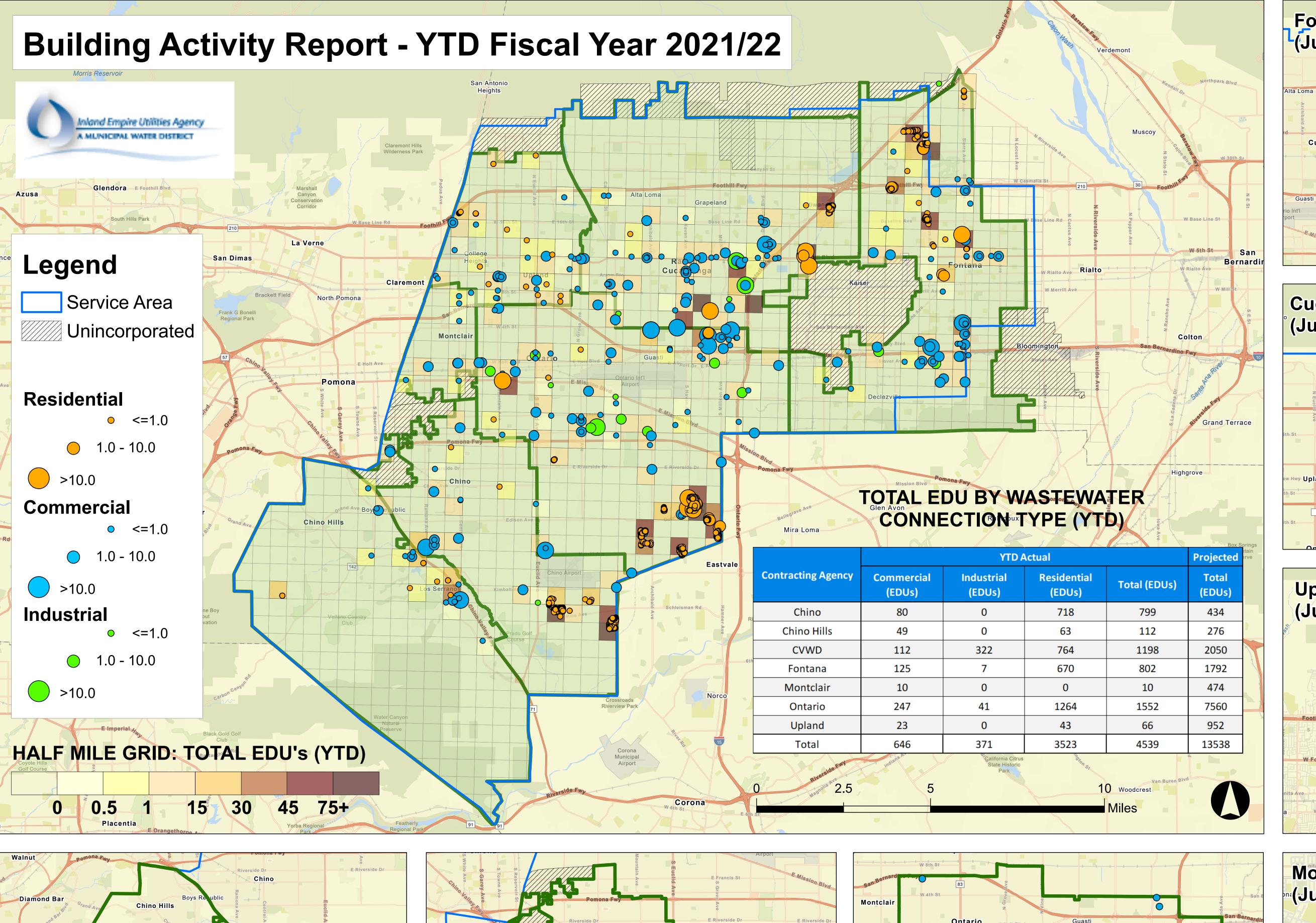


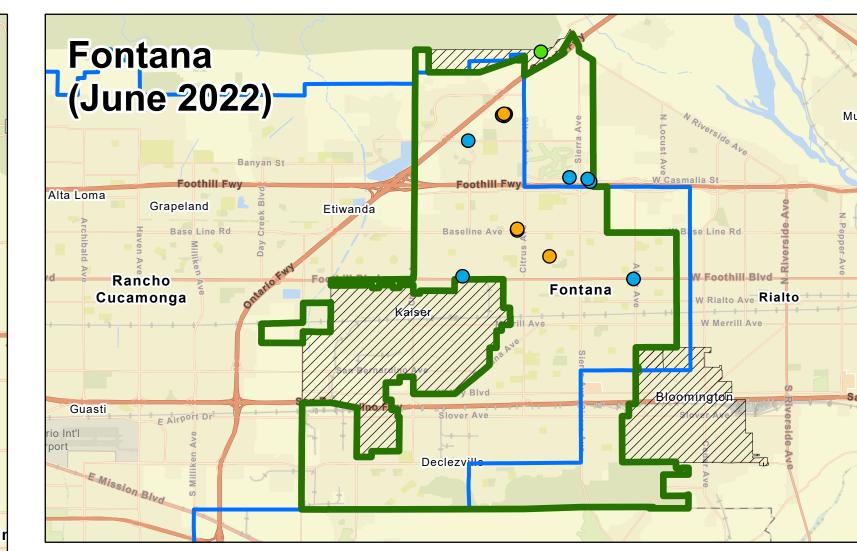
Imported Water Offset Scenario with CBP Facilities

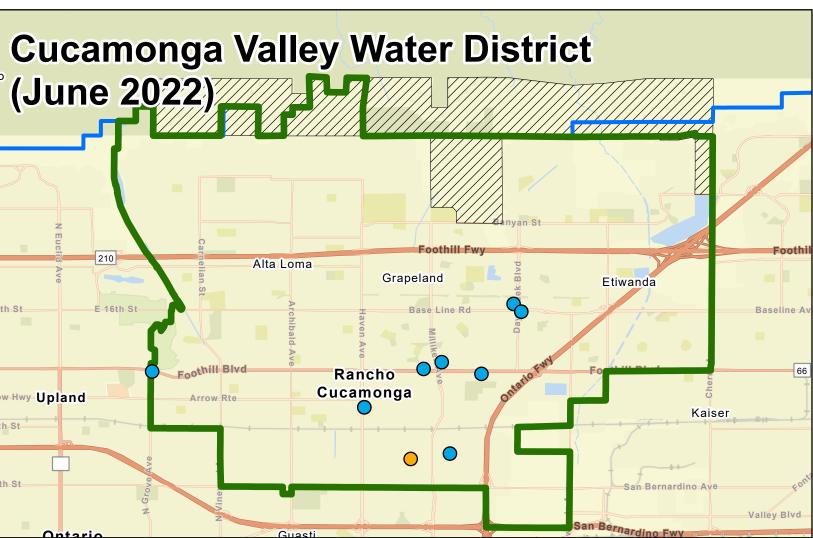
	Average Imported Water Purchases	CBP Call Year	Critically Dry/Drought (Non-Call Year)
Agency 1	10,000 AF	10,000 AF	10,000 - 13,000 AF
Agency 2	30,000 AF	20,000 AF	20,000 – 27,000 AF
MWD	-	10,000 AF	-
Total	40,000 AF	40,000 AF	40,000 AF

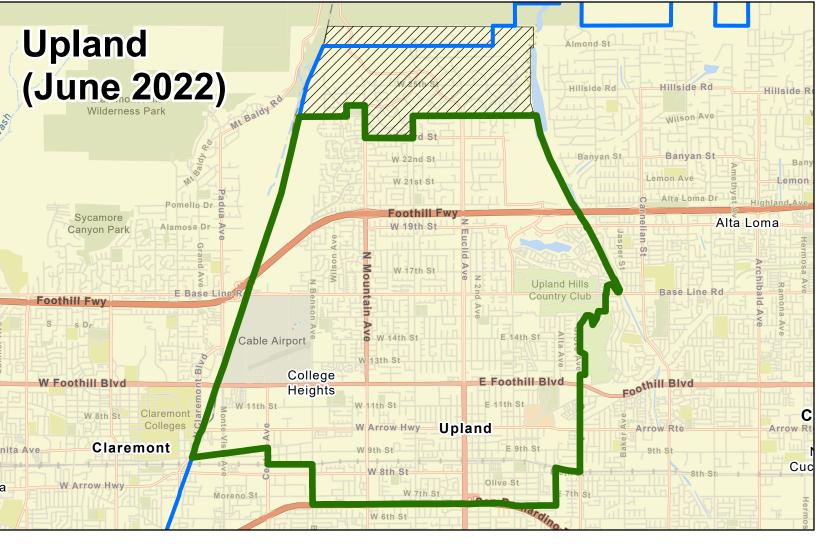
RECEIVE AND FILE

4A

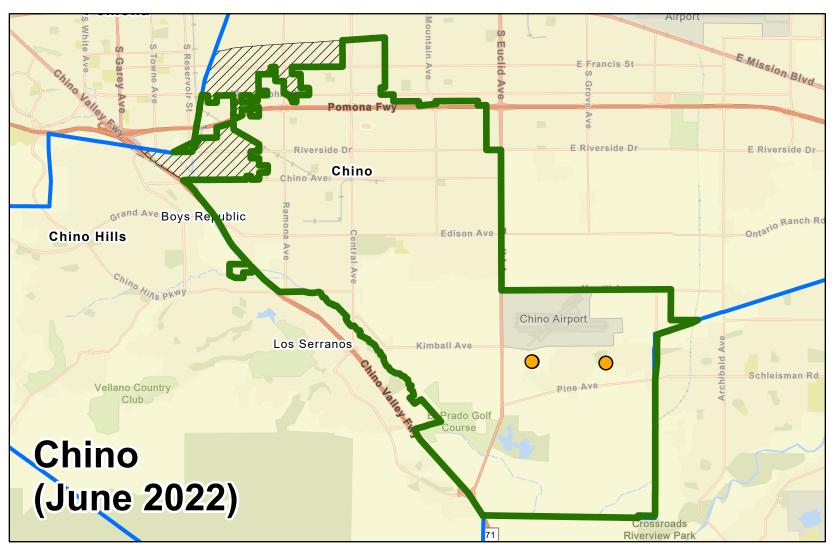




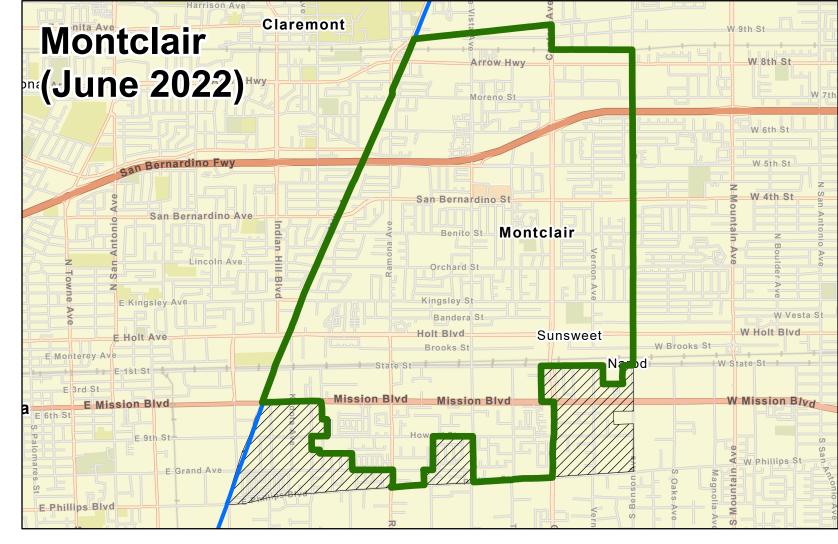








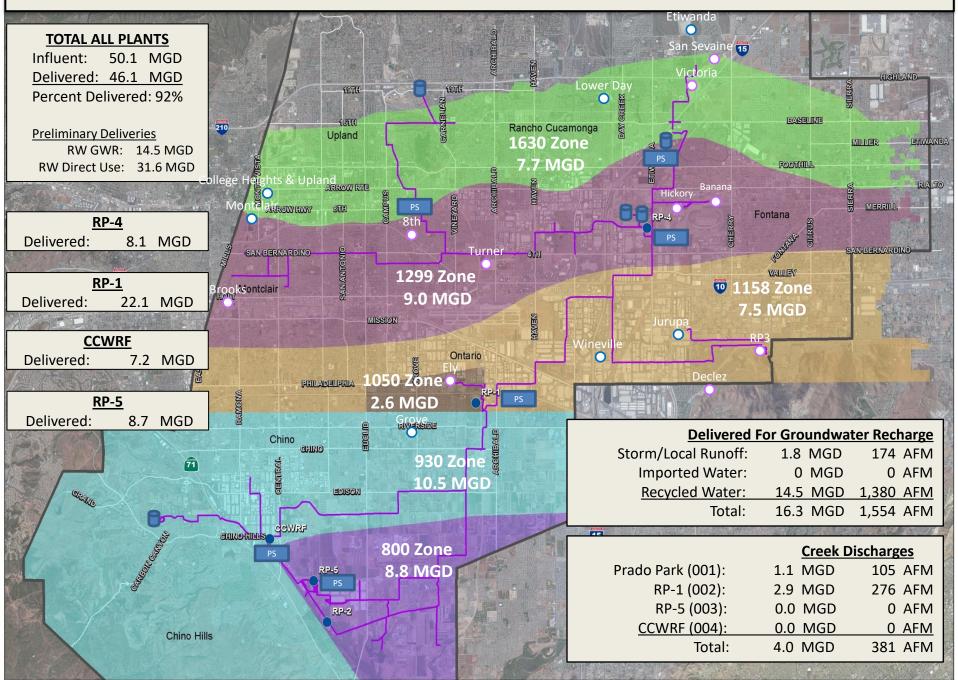




RECEIVE AND FILE

4B

IEUA RECYCLED WATER DISTRIBUTION – JULY 2022



Basin	7/1-7/2	7/3-7/9	7/10-7/16	7/17-7/23	7/24-7/31	Month Actual	FY To Date D Actual	eliveries are draft until reported as final and do not included evaporative losses.
Ely	11.8	51.2	42.0	5.0	0.0	110.0	110	
Banana	0.0	0.0	0.0	0.0	0.0	0.0	0	_
Hickory	0.0	0.0	12.6	15.4	4.3	32.3	32	_
Turner 1 & 2	0.0	0.0	0.0	0.0	20.2	20.2	70 —	_
Turner 3 & 4	11.1	1.7	20.6	12.7	3.2	49.3	70 —	
8th Street	25.0	59.8	72.6	74.3	90.8	322.4	323	_
Brooks	0.0	0.0	0.0	0.0	0.0	0.0	0	
RP3	7.0	21.7	54.1	89.9	138.6	311.3	311	
Declez	0.0	0.0	0.0	0.0	0.0	0.0	0	
Victoria	13.9	39.1	11.4	0.0	0.0	64.4	64	
San Sevaine	25.0	77.0	100.5	112.6	141.2	456.3	470	
Total	93.8	250.5	313.8	309.9	398.3	1,366.2	1,380	1,209 AF previous FY to day actual

