



Regional Sewerage Program Technical Committee Meeting

AGENDA

Thursday, October 26, 2023
2:00 p.m.

Teams Conference Link: https://teams.microsoft.com/join/19%3ameeting_ODQ1MWU5ODUtOGI3ZC00NWViLWI0YmltOTI1NmYzYzcwZGYy%40thread.v2/0?context=%7b%22Tid%22%3a%224c0c1e57-30f3-4048-9bd2-cd58917dcf07%22%2c%22Oid%22%3a%22e1bc1283-cd05-48d8-a67b-d2365bb08cc2%22%7d

Teleconference: (415) 856-9169/Conference ID: 269 959 360#

This meeting will be held remotely via Teams. The public may participate and provide public comment during the meeting 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 Committee Members.

Call to Order

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.

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)

Regional Sewerage Program Technical Committee Meeting Agenda

October 26, 2023

Page 2 of 2

1. Information Items

- A. Pretreatment & Compliance Updates (*Oral*)
- B. RP-1 Recovery Project

2. Receive and File Items

- A. Building Activity Report
- B. September 28, 2023 Technical Committee Meeting Summary

3. Other Business

- A. Committee Member Requested Future Agenda Items
- B. Committee Member Comments
- C. Next Regular Meeting – November 30, 2023

Adjourn

DECLARATION OF POSTING

I, Jennifer Hy-Luk, 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 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.

**INFORMATION
ITEM**

1B

Regional Water Recycling Plant No.1 Liquids Treatment Capacity Recovery

Regional Sewage Program Technical Committee Meeting

Travis Sprague, P.E.
Manager of Asset Management
October 2023

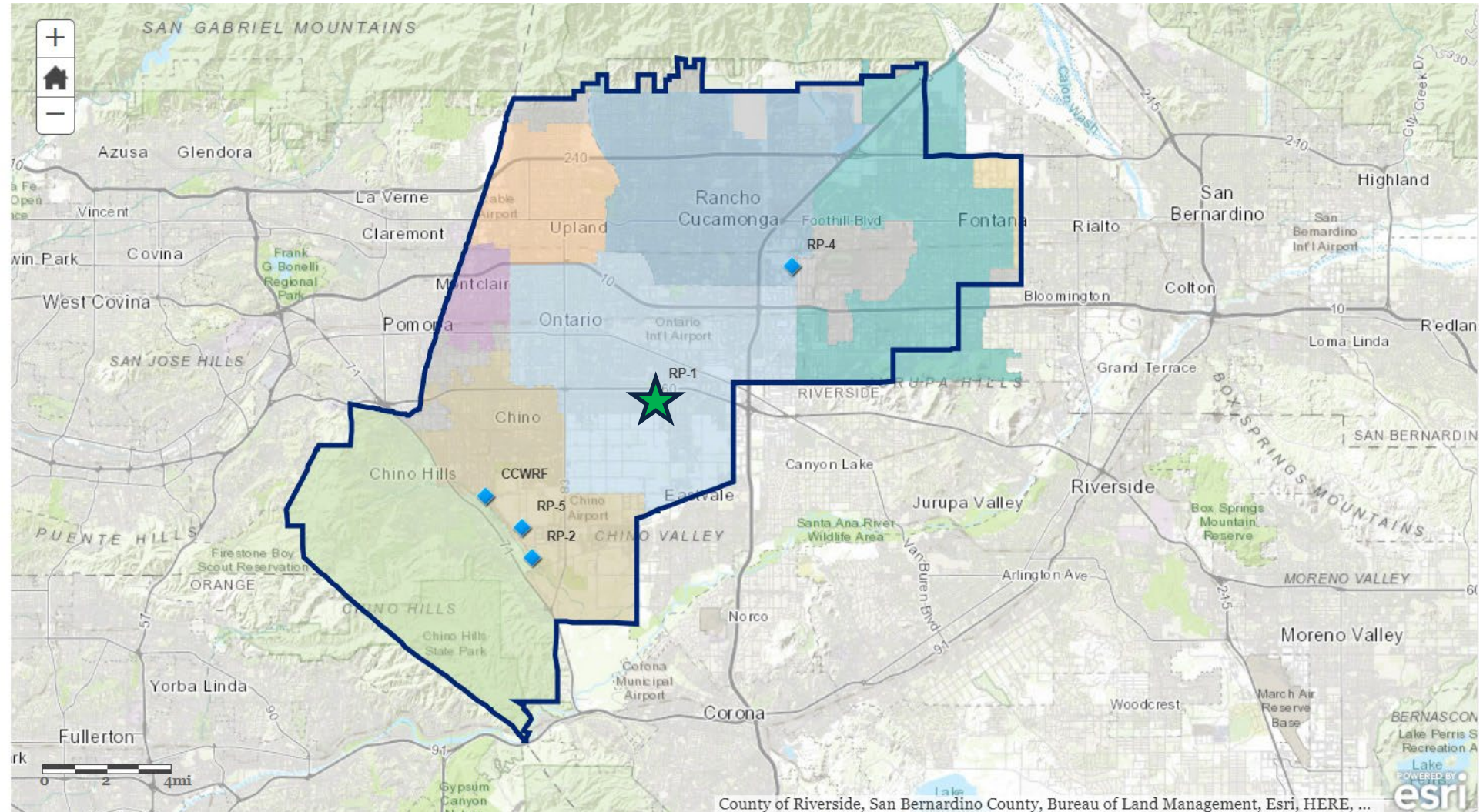
IEUA Ten-Year Capital Improvement Plan

- Major wastewater capital improvement projects
 - 8 out of 30 total projects
 - Each over \$50 million in ten-year forecast

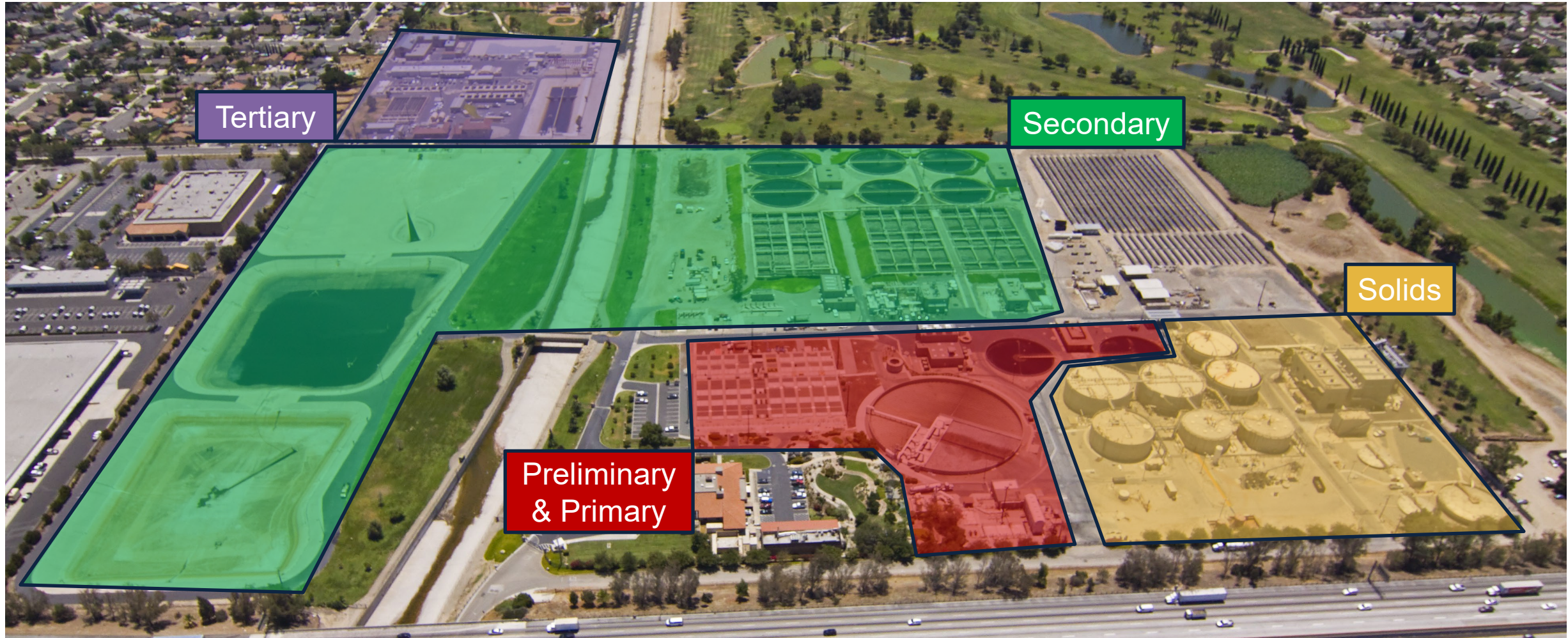
Ten-Year Forecast Projected Spending (\$ in Millions)											
Project Name	Fiscal Year (July – June)										Total TYCIP
	23/24	24/25	25/26	26/27	27/28	28/29	29/30	30/31	31/32	32/33	2024-2033
RP-1 Thickening Building & Acid Phase Digester	\$ 15.0	\$ 45.0	\$ 65.0	\$ 26.5	\$ 0.5						\$ 152.0
Advanced Water Purification	\$ 1.5	\$ 7.5	\$ 9.3	\$ 19.5	\$ 19.5	\$ 46.5	\$ 35.7	\$ 18.3	\$ 7.2		\$ 165.0
Replenishing Facilities	\$ 2.5	\$ 3.5	\$ 6.8	\$ 10.5	\$ 12.5	\$ 16.5	\$ 17.0	\$ 16.5	\$ 5.2		\$ 91.0
RP-5 Expansion to 30 mgd	\$ 46.6	\$ 33.1	\$ 7.0								\$ 86.7
RC Asset Management	\$ 0.3	\$ 2.4	\$ 8.0	\$ 8.0	\$ 8.0	\$ 8.0	\$ 8.0	\$ 8.0	\$ 8.0	\$ 8.0	\$ 66.7
RP-1 Liquid Treatment Capacity Recovery						\$ 2.0	\$ 13.0	\$ 13.0	\$ 13.0	\$ 13.0	\$ 54.0
6 TAFY AWPf	\$ 1.0	\$ 5.0	\$ 6.0	\$ 13.0	\$ 13.0	\$ 31.0	\$ 24.0	\$ 12.0	\$ 5.0		\$ 110.0
Recycled Water Interconnection City of Rialto	\$ 0.7	\$ 7.0	\$ 7.0	\$ 11.5	\$ 11.5	\$ 14.5	\$ 5.5	\$ 1.0	\$ 0.5		\$ 59.2

Regional Water Recycling Plant No.1: Location

- IEUA Regional Plants**
- ◆
- IEUA Service Area**
- ▮
- IEUA Cities**
- CHINO
 - CHINO HILLS
 - FONTANA
 - MONTCLAIR
 - ONTARIO
 - RANCHO CUCAMONGA
 - RIALTO
 - UPLAND
 - UNINCORPORATED



Regional Water Recycling Plant No.1: Process



Regional Water Recycling Plant No.1: Overview

- Constructed in the early 1940s
- Liquids Treatment
- Solids Treatment



Regional Water Recycling Plant No.1: Process Modeling

- Secondary Treatment Process
- Process Model Results (2019)
- Maximum Secondary Treatment Capacity
- Next Steps:
 - 2023 Agencywide Flow & Loading Study
 - 2023 RP-1 Secondary Capacity Test and Process Modeling Update
 - RP-1 Liquid Treatment Capacity Recovery Project

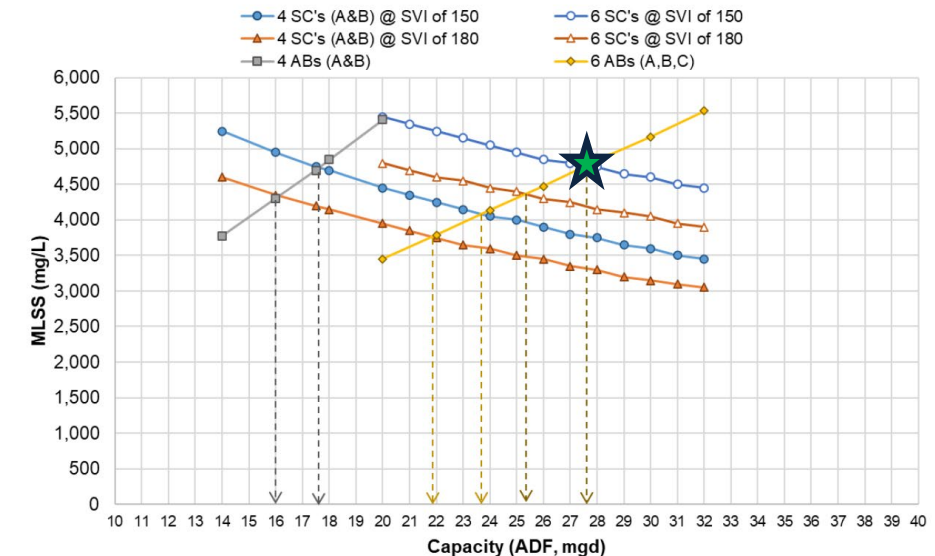


Figure 1AS.9 Existing Secondary Treatment Process Capacity Analysis, at Current TSS Removal Efficiency in Primary Treatment

RECEIVE AND FILE

2A

Building Activity Report - YTD Fiscal Year 2023/24



Legend

- Service Area
- Unincorporated

Residential

- <=1.0
- 1.0 - 10.0
- >10.0

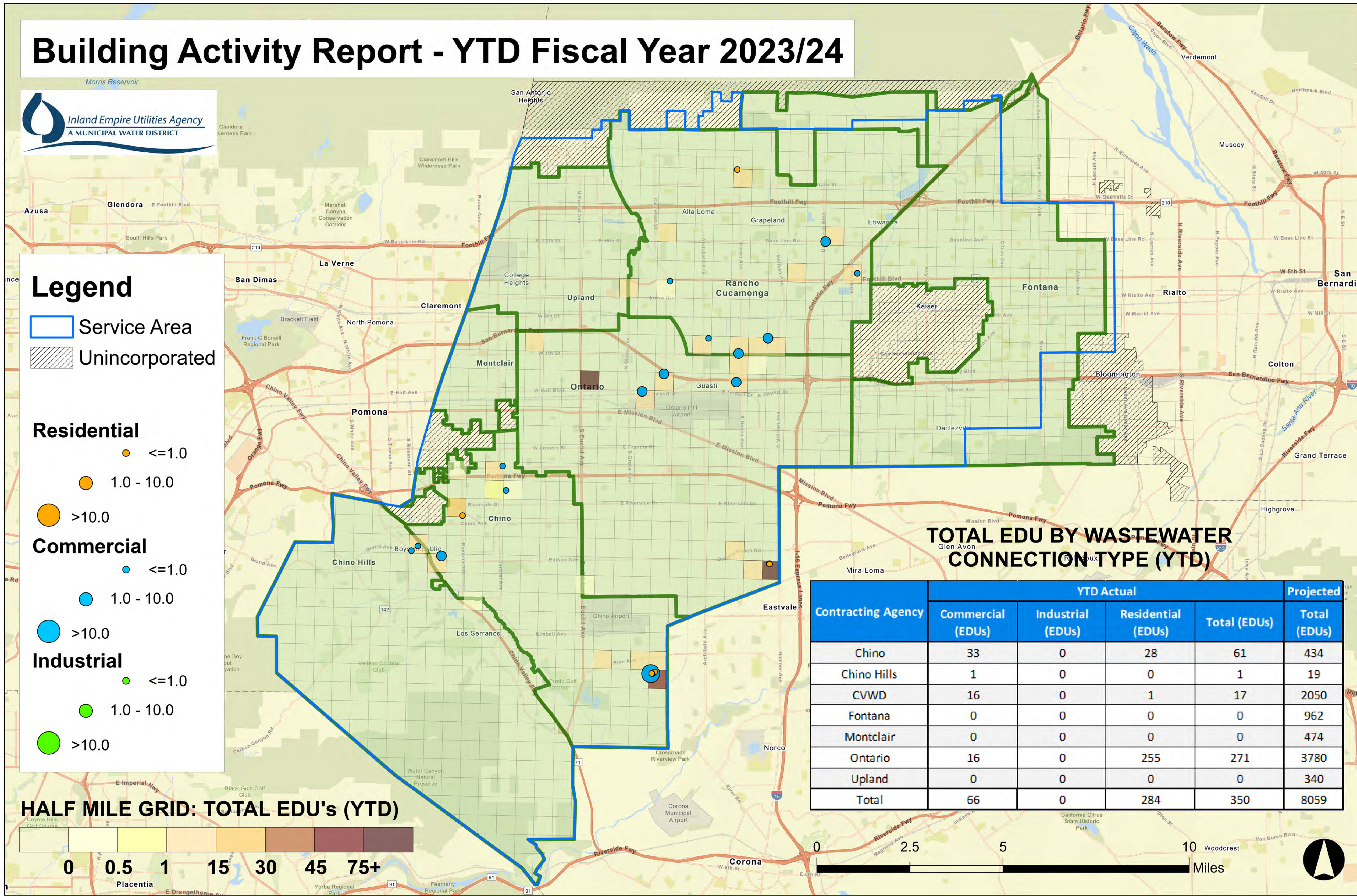
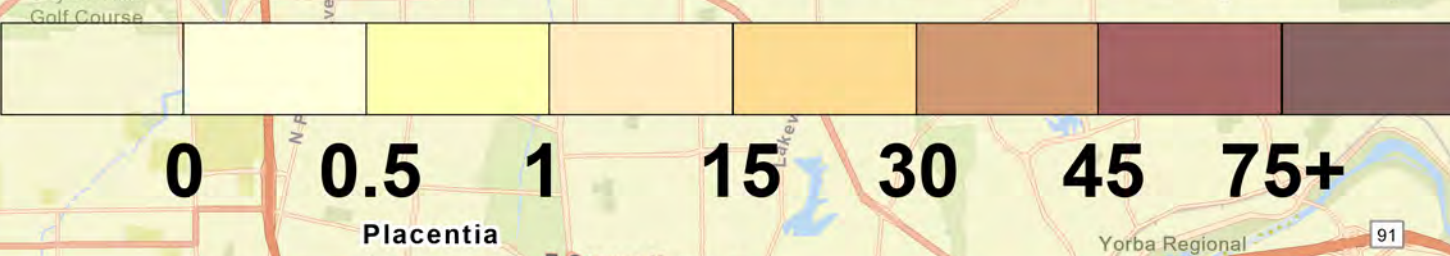
Commercial

- <=1.0
- 1.0 - 10.0
- >10.0

Industrial

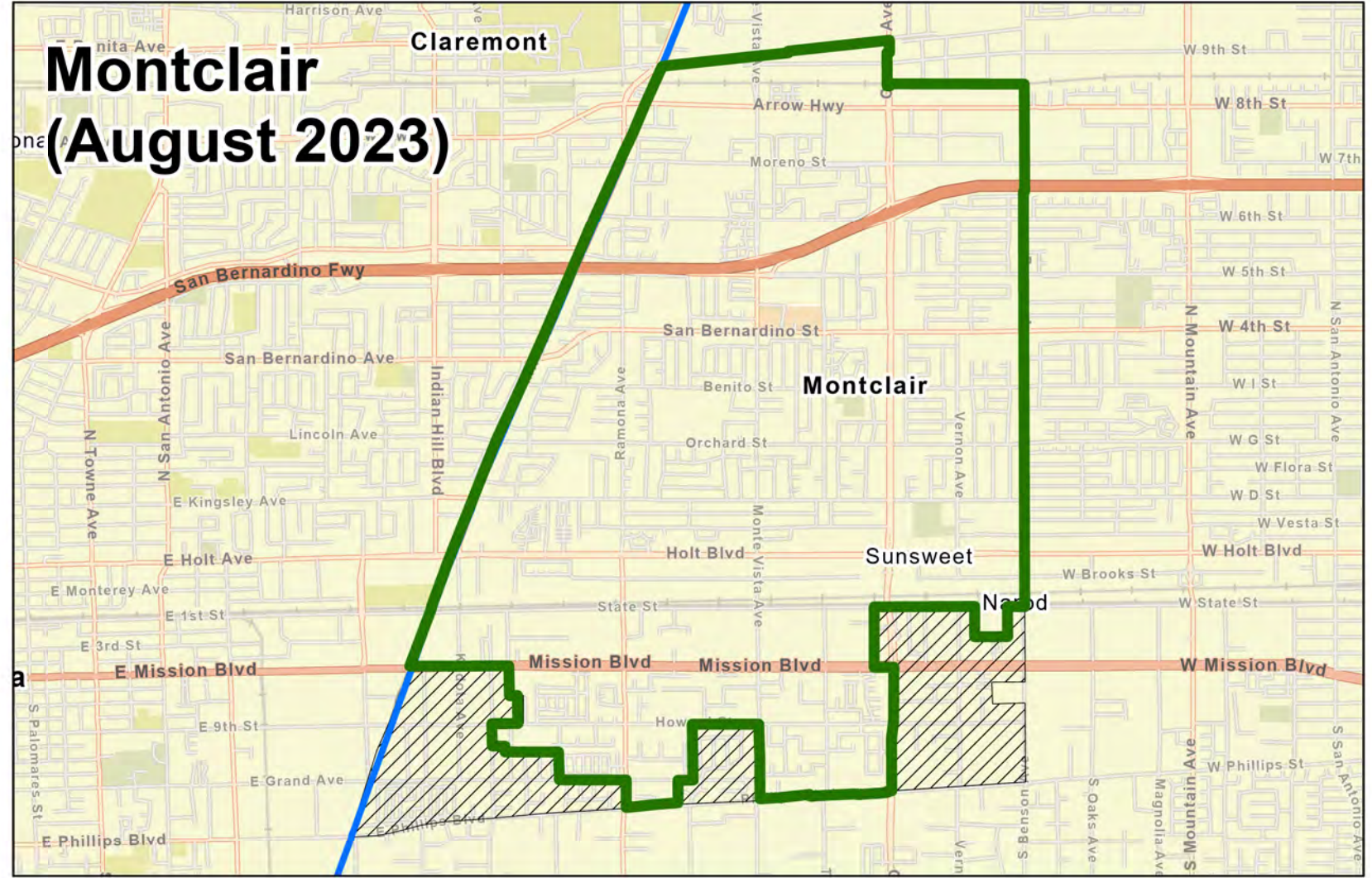
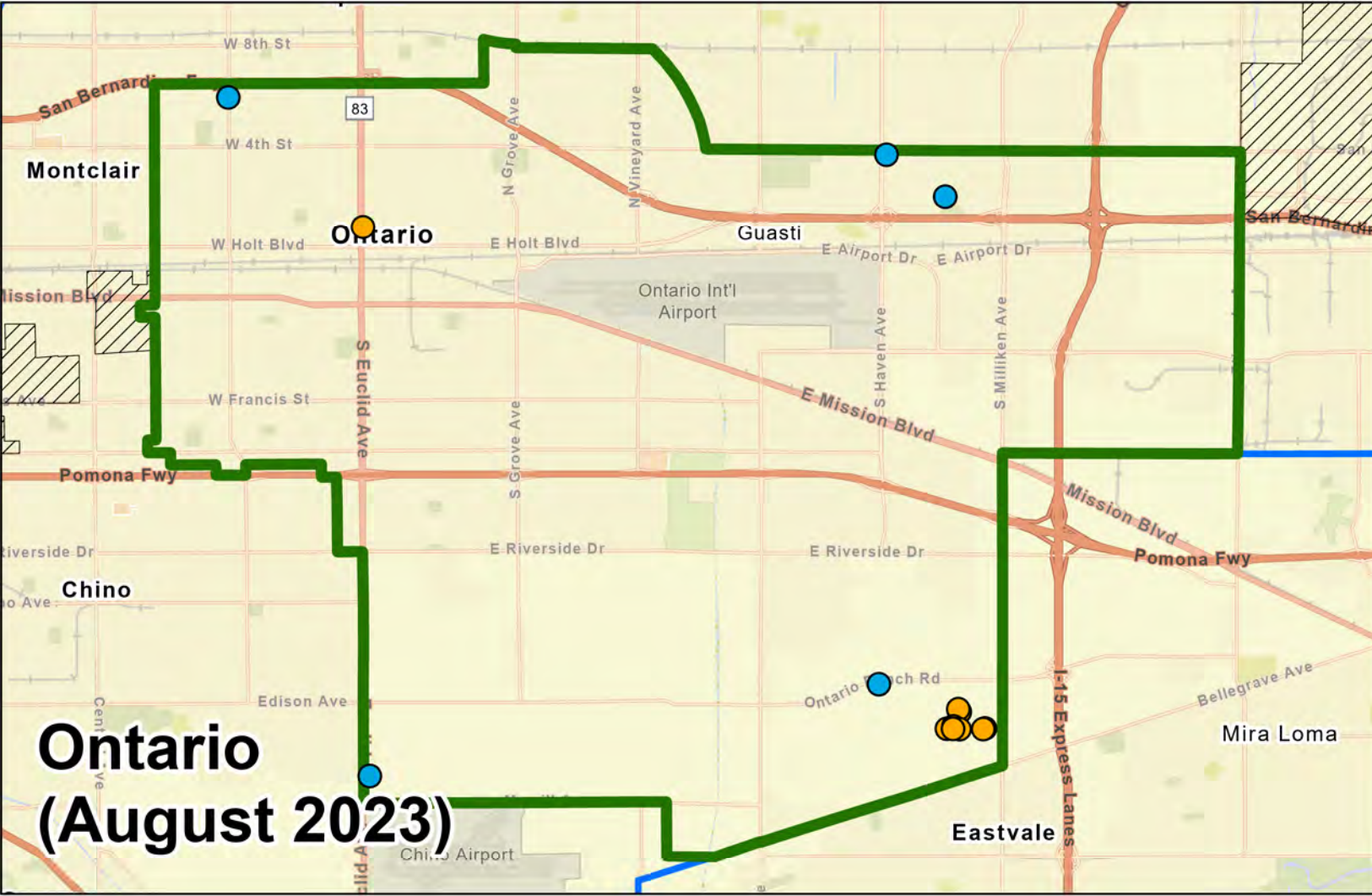
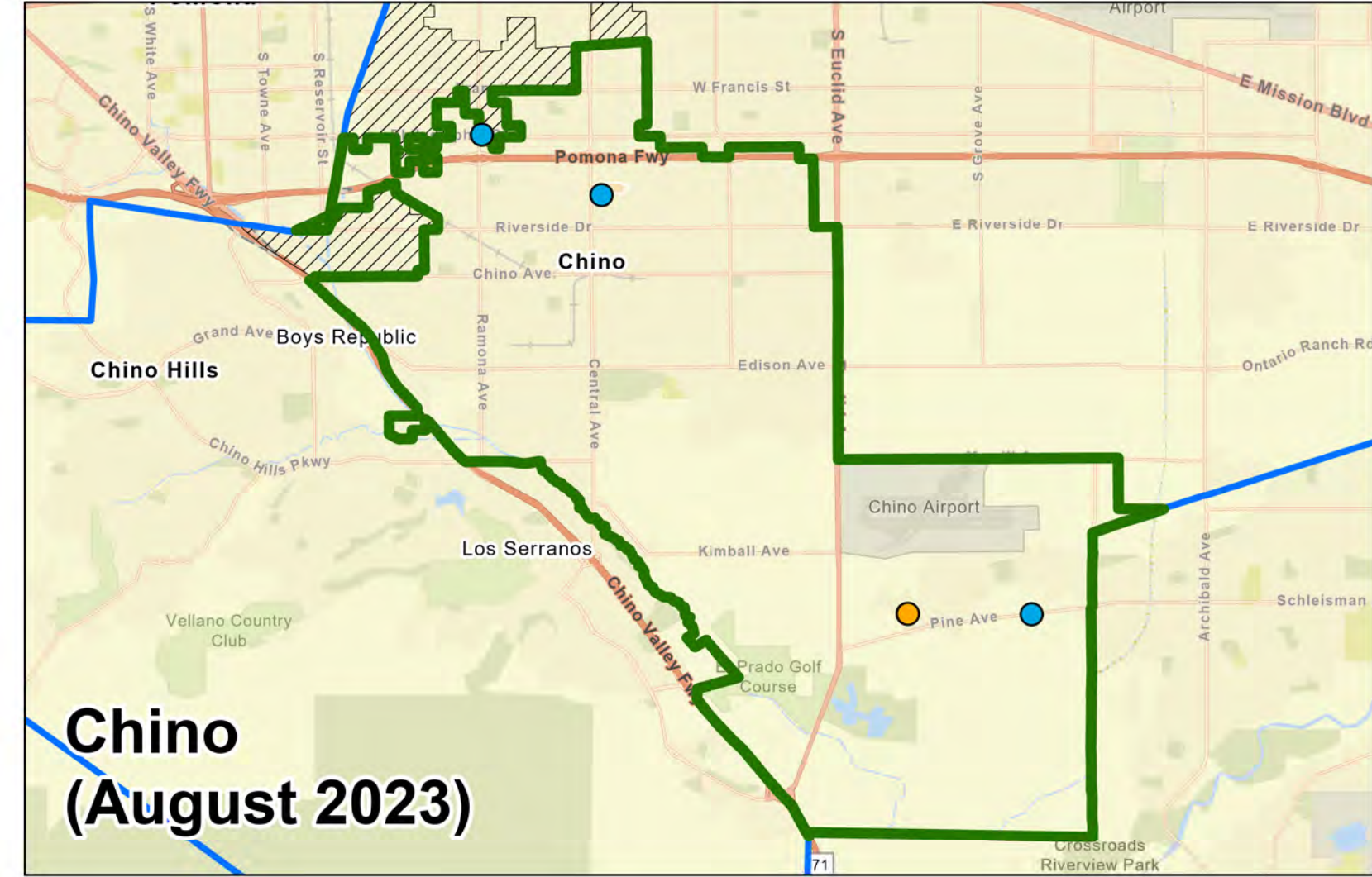
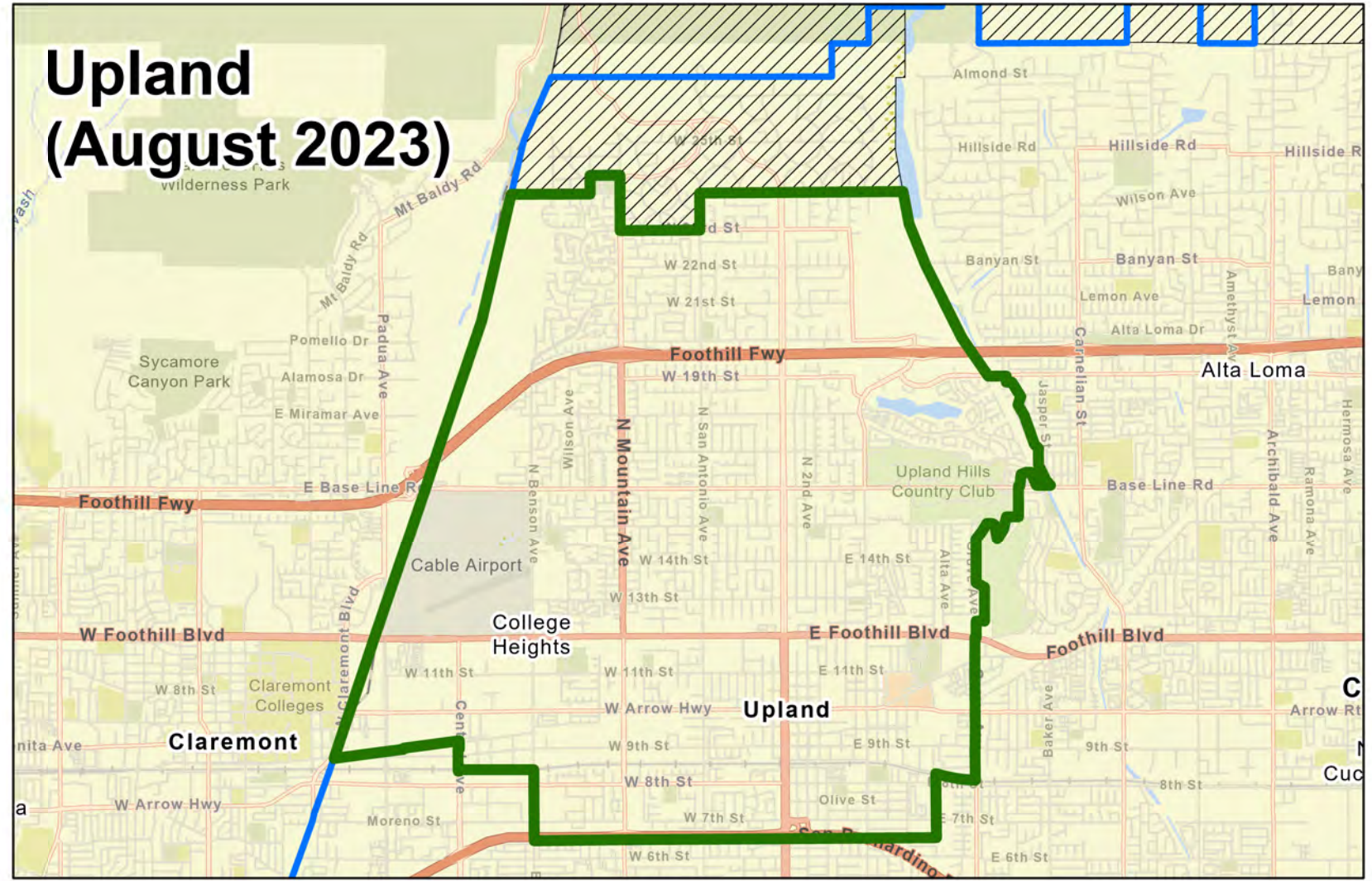
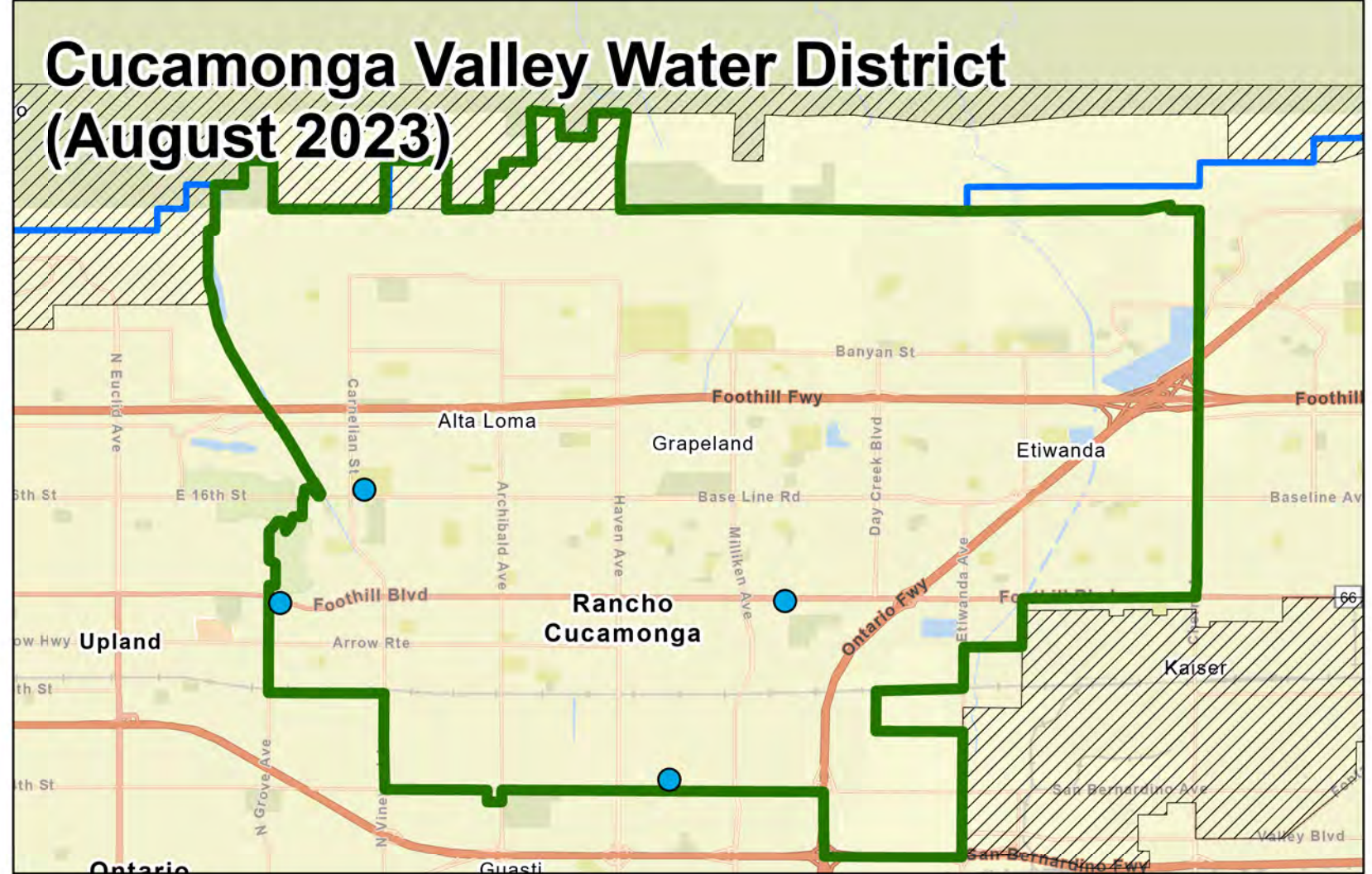
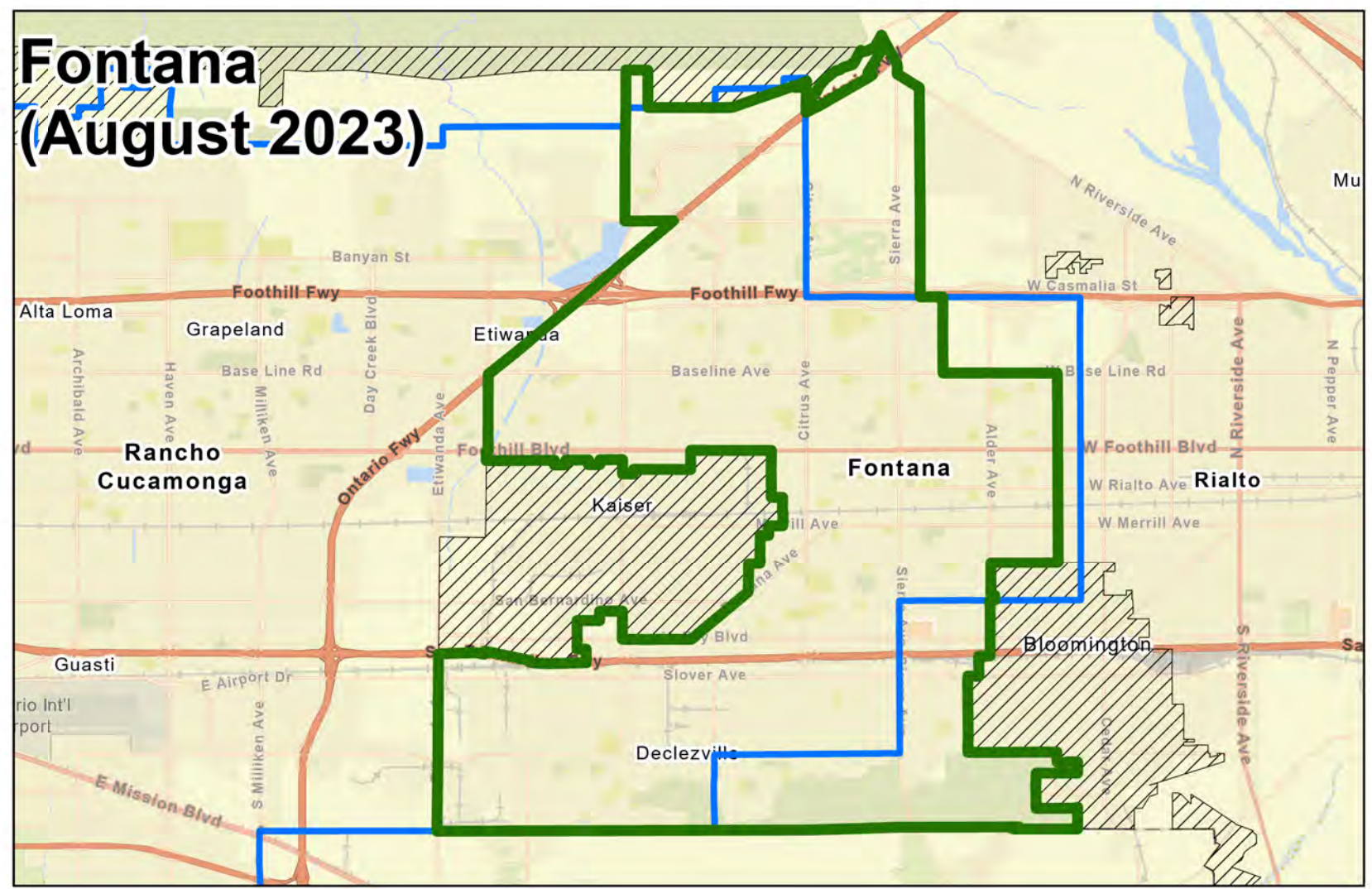
- <=1.0
- 1.0 - 10.0
- >10.0

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	33	0	28	61	434
Chino Hills	1	0	0	1	19
CVWD	16	0	1	17	2050
Fontana	0	0	0	0	962
Montclair	0	0	0	0	474
Ontario	16	0	255	271	3780
Upland	0	0	0	0	340
Total	66	0	284	350	8059



RECEIVE AND FILE

2B

REGIONAL SEWERAGE PROGRAM TECHNICAL COMMITTEE

MEETING SUMMARY

LOCATION: Virtual

DATE: September 28, 2023

TIME: 2:00 p.m.

ATTENDEES:

- Dave Crosley, City of Chino
- Mark Wiley, City of Chino Hills
- Amanda Coker, Cucamonga Valley Water District (CVWD)
- Brian Wolfe, City of Fontana
- Monica Heredia, City of Montclair
- Courtney Jones, City of Ontario
- Nicole deMoet, City of Upland
- Christiana Daisy, Inland Empire Utilities Agency (IEUA)
- Michael Hurley, IEUA
- Elizabeth Hurst, IEUA
- Jennifer Hy-Luk, IEUA
- Nolan King, IEUA
- Randy Lee, IEUA
- Scott Lening, IEUA
- Eddie Lin, IEUA
- Alex Lopez, IEUA
- Jackie MacKenzyie, Unknown
- Bonnie Marseilles, IEUA
- Jason Marseilles, IEUA
- Alexis Mascarinas, City of Ontario
- Liza Munoz, IEUA
- Alyson Piguee, IEUA
- Ben Roden, Unknown
- Jeanina Romero, IEUA
- Justin Scott-Coe, Monte Vista Water District
- Travis Sprague, IEUA
- Kenneth Tam, IEUA
- Yvonne Taylor, IEUA
- Teresa Velarde, IEUA
- Braden Yu, City of Upland
- Jeff Ziegenbein, IEUA
- Deborah Berry, IEUA
- Arin Boughan, IEUA
- Jerry Burke, IEUA
- Robert Delgado, IEUA
- Shivaji Deshmukh, IEUA
- Lucia Diaz, IEUA
- Brandon Duncan, IEUA
- Eduardo Espinoza, CVWD
- Rosemary Hoering, City of Montclair
- Paula Hooven, IEUA

SUMMARY:

- Approved the minutes of July 27, 2023 Regional Technical Committee meeting.
- Heard the Pretreatment & Compliance Updates.
- Heard the Grants Semi-Annual Update presentation.
- Heard the Regional Wastewater Fee Collection presentation. Proposed that the potential collection of monthly fees be brought to the BAR Subcommittee meeting.
- Heard the Recycled Water Study item.
- Received and filed the Building Activity Report for July 2023.