



## **Regional Sewerage Program Policy Committee Meeting**

### **AGENDA**

**Thursday, March 2, 2023**

**3:30 p.m.**

**Teleconference Call**

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

**Telephone Access: (415) 856-9169/Conf ID: 966 283 115#**

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 Laura Mantilla at [lmantilla@ieua.org](mailto:lmantilla@ieua.org) prior to the completion of the Public Comment section of the meeting. Comments will be distributed to the Policy Members.

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**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 Item**

- A. Approval of November 3, 2022 Policy Committee Meeting Minutes
- B. Carbon Canyon Water Recycling Facility Asset Management and Improvements Construction Contract Award

**3. Informational Items**

- A. Regional Contract Negotiation Update (Oral)

**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 – TBD

**Adjourn**

**DECLARATION OF POSTING**

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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](http://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 [lmantilla@ieua.org](mailto:lmantilla@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 NOVEMBER 3, 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, November 3, 2022. Chair Randall Reed/Cucamonga Valley Water District (CVWD) called the meeting to order at 3:31 p.m.

#### **PLEDGE OF ALLEGIANCE**

Chair Reed led the Pledge of Allegiance. Recording Secretary Laura Mantilla 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	Cucamonga Valley Water District (CVWD)
Eunice Ulloa	City of Chino
Art Bennett (Alternate)	City of Chino Hills
Debra Dorst-Porada	City of Ontario
Bill Velto	City of Upland
Steve Elie (Alternate)	Inland Empire Utilities Agency (IEUA)

##### **Others Present:**

Dave Crosley	City of Chino
Ron Craig	City of Chino Hills
Courtney Jones	City of Ontario
Christopher Quach	City of Ontario
Nicole deMoet	City of Upland
Braden Yu	City of Upland
Luis Cetina	CVWD
Amanda Coker	CVWD
Eduardo Espinoza	CVWD
Monica Heredia	City of Montclair

**Others Present (continued)**

Justin Scott-Coe	Monte Vista Water District (MVWD)
Shivaji Deshmukh	IEUA
Jerry Burke	IEUA
Pietro Cambiaso	IEUA
Javier Chagoyen-Lazaro	IEUA
Christiana Daisy	IEUA
Kristine Day	IEUA
Robert Delgado	IEUA
Lucia Diaz	IEUA
Denise Garzaro	IEUA
Don Hamlett	IEUA
Michael Hurley	IEUA
Jennifer Hy-Luk	IEUA
Courtney Jones	IEUA
Eddie Lin	IEUA
Laura Mantilla	IEUA
Cathy Pieroni	IEUA
Alyson Piguee	IEUA
Chris Quach	IEUA
Sushmitha Reddy	IEUA
Ken Tam	IEUA
Brian Wilson	IEUA
Jeff Ziegenbein	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 reported that at the October 27, 2022 Technical Committee meeting, the Committee approved the September 29, 2022 Technical Committee meeting minutes. In addition, the following items were presented: 1. RP-5 Project Update; 2. Operations and Maintenance Department Quarterly Update; 3. Return to Sewer Study Update; and 4. the Operations and Compliance Update. Ms. Coker also reported that the Technical Committee Member for the City of Ontario requested a presentation on the IEUA-City of Rialto Recycled Water Agreement. Following the meeting, IEUA staff provided a tour of the RP-5 Expansion Project. Ms. Coker stated an update on the Regional Contract negotiations will be presented under Information Item 3A.

**2. ACTION ITEM****A. APPROVAL OF THE OCTOBER 6, 2022 POLICY COMMITTEE MEETING MINUTES**

**Motion:** By Bill Velto/City of Upland and seconded by Phillip Cothran/City of Fontana to approve the meeting minutes of the October 6, 2022 Regional Policy Committee Meeting by the following vote:

Ayes: Velto, Cothran, Ulloa, Bennett, Dutrey, Reed

Noes: None

Absent: None

Abstain: Dorst-Porada

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

**3. INFORMATIONAL ITEMS****A. REGIONAL CONTRACT NEGOTIATION UPDATE**

Amanda Coker/CVWD stated that the negotiations group is on track to wrap up the bulk of the negotiation topics by December 2022. She also provided a status update on Section 9 - Capital Financing of the Regional System.

Braden Yu/City of Upland provided a status update on the progress of the recycled water topic, outstanding topics, goals, and next steps. Discussion ensued on the duration of the negotiations and the upcoming Joint IEUA Board & Policy Committee Workshop scheduled for November 16, 2022.

**B. REGIONAL CONTRACT UPDATE – RECYCLED WATER**

General Manager Shivaji Deshmukh introduced the new Director of Planning and Resources Michael Hurley who provided an update on recycled water.

Michael Hurley/IEUA stated that he was providing this update in response to Committee Member Dorst-Porada's request. Mr. Hurley highlighted the areas of agreement and noted the areas that are yet to be agreed upon relative to the Regional Contract. He stated that the November 16 Workshop will provide an opportunity to continue to address the outstanding items.

**C. RP-5 PROJECT UPDATE**

Brian Wilson/IEUA gave an update on the status of the RP-5 Expansion Project, construction spending, major activities, and the value engineering phases of the project. Discussion ensued on the project budget, the current capacity, and the future capacity of the plant once the project is completed.

**4. RECEIVE AND FILE**

*Item 4A – 4D were received and filed by the Committee.*

**A. BUILDING ACTIVITY REPORT****B. RECYCLED WATER DISTRIBUTION – OPERATIONS SUMMARY****C. PLANNING & RESOURCES DEPARTMENT QUARTERLY UPDATE****D. OPERATIONS AND MAINTENANCE DEPARTMENT QUARTERLY UPDATE**

**5. OTHER BUSINESS****A. IEUA GENERAL MANAGER'S UPDATE**

General Manager Shivaji Deshmukh expressed his appreciation to Principal Engineer Brian Wilson and his team for managing the large and complex RP-5 project. He also reminded the Committee that IEUA staff is hosting tours of the site if any of the Committee members or their staff are interested in visiting.

He stated that staff continues to assess whether the Policy Committee meetings can be hybrid after the emergency order currently in place by the Governor is lifted on February 28, 2023. He explained that with the passage of AB 2449, there is the possibility for teleconferencing, with additional requirements. Staff has asked legal counsel to provide additional guidance and will provide updates to the Committee as the requirements are clearly outlined.

General Manager Deshmukh also reported that in partnership with the California Association of Sanitation Agencies, IEUA staff has been actively engaged in the California Air Resources Board's rulemaking process for the proposed Advanced Clean Fleet Regulations. These regulations would require public agencies to convert fleets to zero-emission vehicles starting in 2024. IEUA has written two letters and testified at the October 27 Public Board Hearing to request flexibility in the requirements for the conversion. There will be one more draft regulation released in the spring of 2023. IEUA staff will continue to advocate for sensible policies that achieve zero-emission goals without jeopardizing our industry's ability to protect human health.

**B. COMMITTEE MEMBER REQUESTED AGENDA ITEMS FOR NEXT MEETING**

There were no committee member requests.

**C. COMMITTEE MEMBER COMMENTS**

Committee Member Ulloa stated that she is looking forward to receiving information at the November 16 Joint Workshop.

Committee Member Bennet stated the presentation of RP-5 was fantastic.

Committee Member Velto thanked staff for all of the hard work on the RP-5 Project.

**D. NEXT MEETING – DECEMBER 1, 2022****ADJOURNMENT**

Chair Reed adjourned the meeting at 4:35 p.m.

Prepared by:

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Laura Mantilla, Recording Secretary

**ACTION ITEM**

**2B**



Date: February 2023/March 2023

To: Regional Committees

From: Inland Empire Utilities Agency

Subject: Carbon Canyon Water Recycling Facility (CCWRF) Asset Management and Improvements Construction Contract Award

### **RECOMMENDATION**

It is requested that the Regional Committees recommend the Inland Empire Utilities Agency (IEUA) Board of Directors award the construction contract for the Carbon Canyon Water Recycling Facility (CCWRF) Asset Management and Improvements to the lowest, responsive bidder in the amount of \$20,856,916.

### **BACKGROUND**

Carbon Canyon Water Recycling Facility (CCWRF) has been in operation for close to 30 years with limited rehabilitation done. In order to remain in compliance and continue meeting title 22 requirements, the plant requires a number of overhaul services that include major equipment replacement. Specifically, the headworks bar screens and conveyance system, odor control system, aeration blowers and controls, and tertiary filter components are all in need of replacement. In April 2017, the Board awarded a consulting engineering services contract for the CCWRF Asset Management and Improvements Project No. EN17006, to CDM Smith (Engineering Consultant), for the not-to-exceed amount of \$3,631,892 to provide design services for the improvements identified above.

On November 15, 2022, IEUA issued an invitation for bids to five contractors prequalified in April 2022. On February 9, 2023, IEUA received five construction bids with the lowest, responsive bidder being from Garney Pacific Construction in the amount of \$20,856,916; the engineer's estimate is \$25,500,000.

The following table presents the anticipated project cost:

<b>Description</b>	<b>Estimated Cost</b>
<b>Design Services</b>	<b>\$4,919,708</b>
Design Consultant Contract	\$3,326,339
IEUA Design Services	\$1,593,369
<b>Construction Services</b>	<b>\$2,174,775</b>
Engineering Services During Construction	\$899,775
IEUA Construction Services (~5%)	\$1,275,000
<b>Construction</b>	<b>\$24,584,530</b>
Construction (this action)	\$20,856,916
Contingency (~10%)	\$2,100,000
Lone Star Blower Purchase	\$171,000
EN17006.01 CCWRF 12Kv Backup Generator Control Circuit Improvements	\$1,456,614
<b>Total Project Cost:</b>	<b>\$31,679,013</b>
<b>Total Project Budget:</b>	<b>\$30,007,050</b>
<b>Total Project Budget Increase:</b>	<b>\$1,742,950</b>
<b>Revised Total Project Budget:</b>	<b>\$31,750,000</b>

The following is the project schedule:

<b>Project Milestone</b>	<b>Date</b>
Construction Contract Award	<b>March 2023</b>
Construction Completion	<b>September 2025</b>

The Carbon Canyon Water Recycling Facility (CCWRF) Asset Management and Improvement Project is consistent with *IEUA's Business Goal of Wastewater Management*, specifically the Asset Management objective that IEUA will ensure the Wastewater treatment plants are well maintained, upgraded to meet evolving requirements, sustainably managed, and can accommodate changes in regional water use to protect public health, the environment, and meet anticipated regulatory requirements.

# **Attachment 1**

# **Carbon Canyon Water Recycling Facility (CCWRF) Asset Management and Improvements Construction Contract Award Project No. EN17006**

Jason Marseilles, PE  
Manager of Engineering  
February/March 2023



# Project Location

Carbon Canyon  
Water Recycling  
Facility (CCWRF)



# Project Scope

Replace equipment at the end of service life:

- Headworks Bar Screens
- Odor Control System
- New Electrical Building
- Aeration Blowers
- Aeration Basin Ammonia Analyzers
- Tertiary Treatment Filter Improvements





# Contractor Selection

Five bids were received on February 9th, 2023, from pre-qualified contractors:

Bidder's Name	Final Bid Amount
Garney Pacific Construction	\$20,856,916
Innovative Construction Solutions	\$21,049,000
J.F. Shea Construction Inc.	\$23,165,742
Kiewit Infrastructure West Company	\$24,657,000
Flatiron West, Inc.	\$25,610,742
Engineer's Estimate	\$25,500,000

# Project Budget and Schedule

Description	Estimated Cost
<b>Design Services</b>	<b>\$4,919,708</b>
Design Contract (CDM Smith)	\$3,326,339
IEUA Design Services	\$1,593,369
<b>Construction Services</b>	<b>\$2,174,775</b>
CDM Smith Engineering Services During Construction	\$899,775
IEUA Construction Services (~5%)	\$1,275,000
<b>Construction</b>	<b>\$24,584,530</b>
Construction Contract (this action)	\$20,856,916
Contingency (~10%)	\$2,100,000
Lone Star Blower Purchase	\$171,000
EN17006.01 CCWRF 12kV Backup Generator Control Circuit Improvements	\$1,456,614
<b>Total Project Cost</b>	<b>\$31,679,013</b>
<b>Total Projected Budget</b>	<b>\$30,007,050</b>
<b>Total Project Budget Increase</b>	<b>\$1,742,950</b>
<b>Revised Total Project Budget</b>	<b>\$31,750,000</b>

Contract Milestone	Date
Construction Award	March 2023
Construction Completion	September 2025



# Staff's Recommendation

- It is requested that the Regional Committees recommend to the Inland Empire Utilities Agency (IEUA) Board of Directors to award a construction contract for the Carbon Canyon Water Recycling Facility (CCWRF) Asset Management and Improvements, Project No. EN17006, to Garney Pacific Construction in the amount of \$20,856,916.

The Carbon Canyon Water Recycling Facility (CCWRF) Asset Management and Improvement Project is consistent with **IEUA's Business Goal of Wastewater Management**, specifically the Asset Management objective that IEUA will ensure the Wastewater treatment plants are well maintained, upgraded to meet evolving requirements, sustainably managed, and can accommodate changes in regional water use to protect public health, the environment, and meet anticipated regulatory requirements.

**RECEIVE AND  
FILE**

**4A**



# Building Activity Report - YTD Fiscal Year 2022/23



**Legend**

Service Area

Unincorporated

**Residential**

<=1.0

1.0 - 10.0

>10.0

**Commercial**

<=1.0

1.0 - 10.0

>10.0

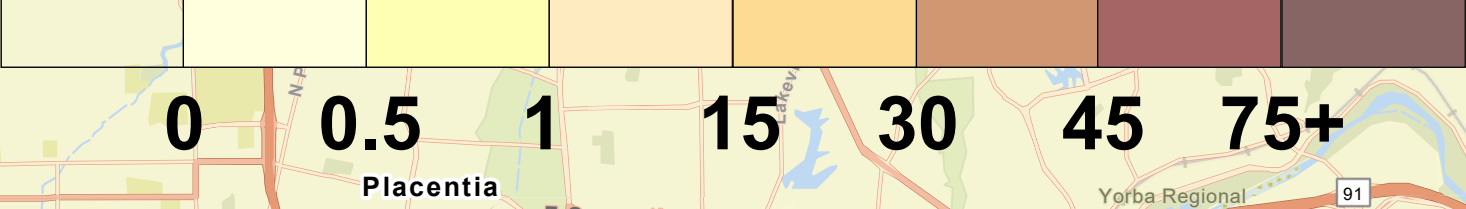
**Industrial**

<=1.0

1.0 - 10.0

>10.0

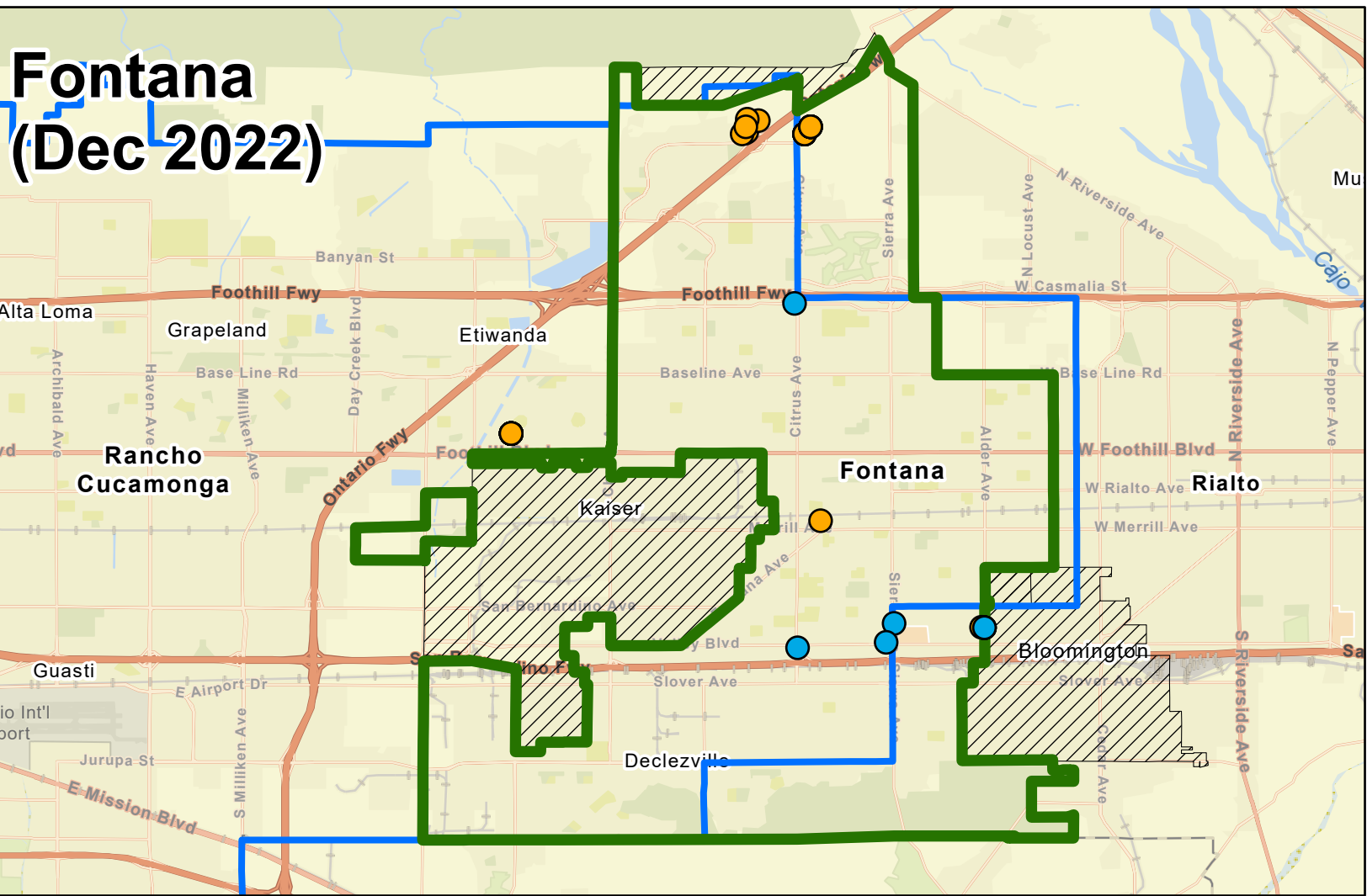
**HALF MILE GRID: TOTAL EDU's (YTD)**



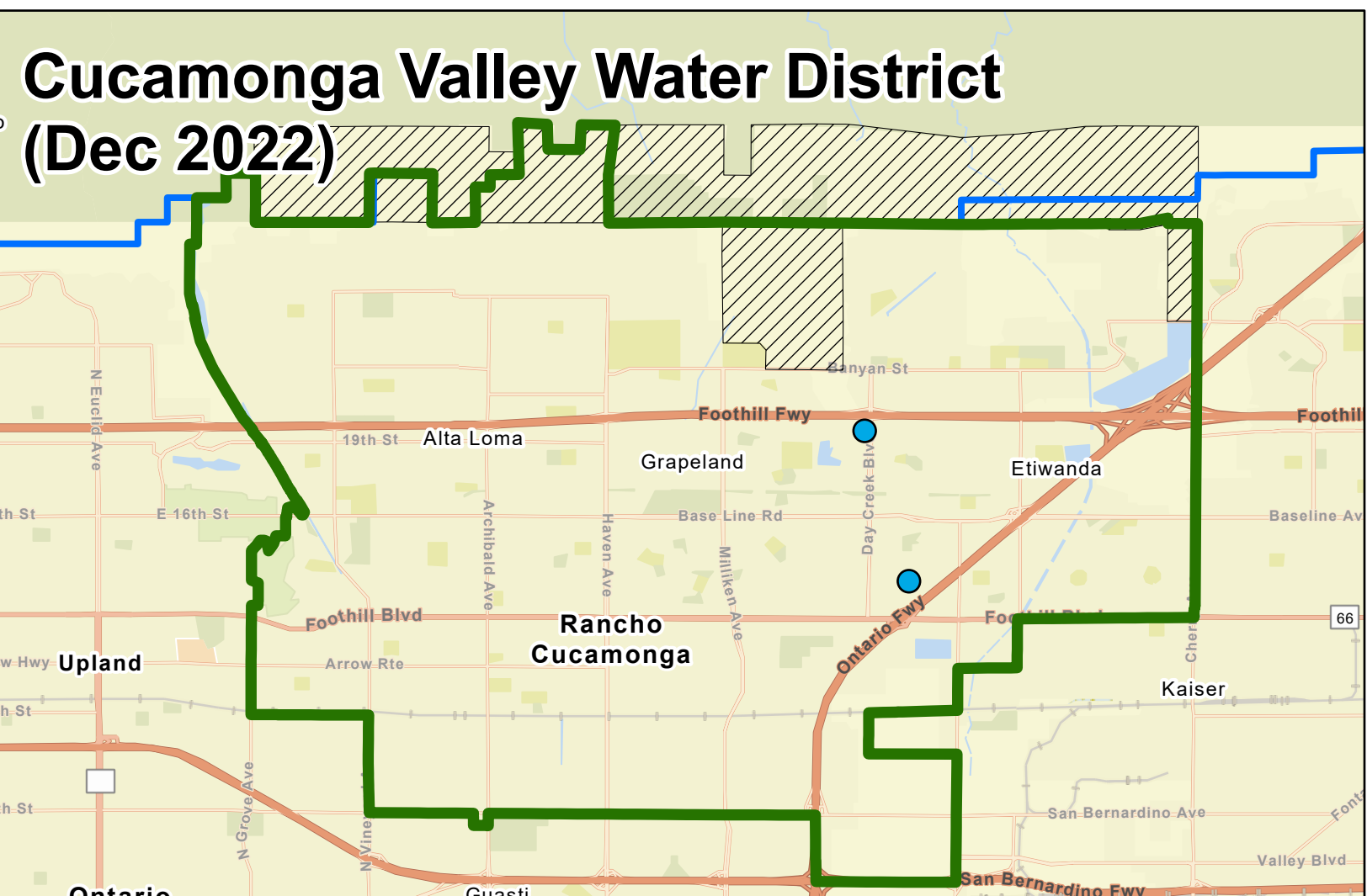
## TOTAL EDU BY WASTEWATER CONNECTION TYPE (YTD)

Contracting Agency	YTD Actual				Projected
	Commercial (EDUs)	Industrial (EDUs)	Residential (EDUs)	Total (EDUs)	
Chino	22	0	50	72	434
Chino Hills	11	0	0	11	19
CVWD	19	0	3	22	2050
Fontana	46	2	258	306	962
Montclair	19	7	0	26	474
Ontario	55	152	337	545	3780
Upland	13	0	66	79	340
Total	186	161	714	1061	8059

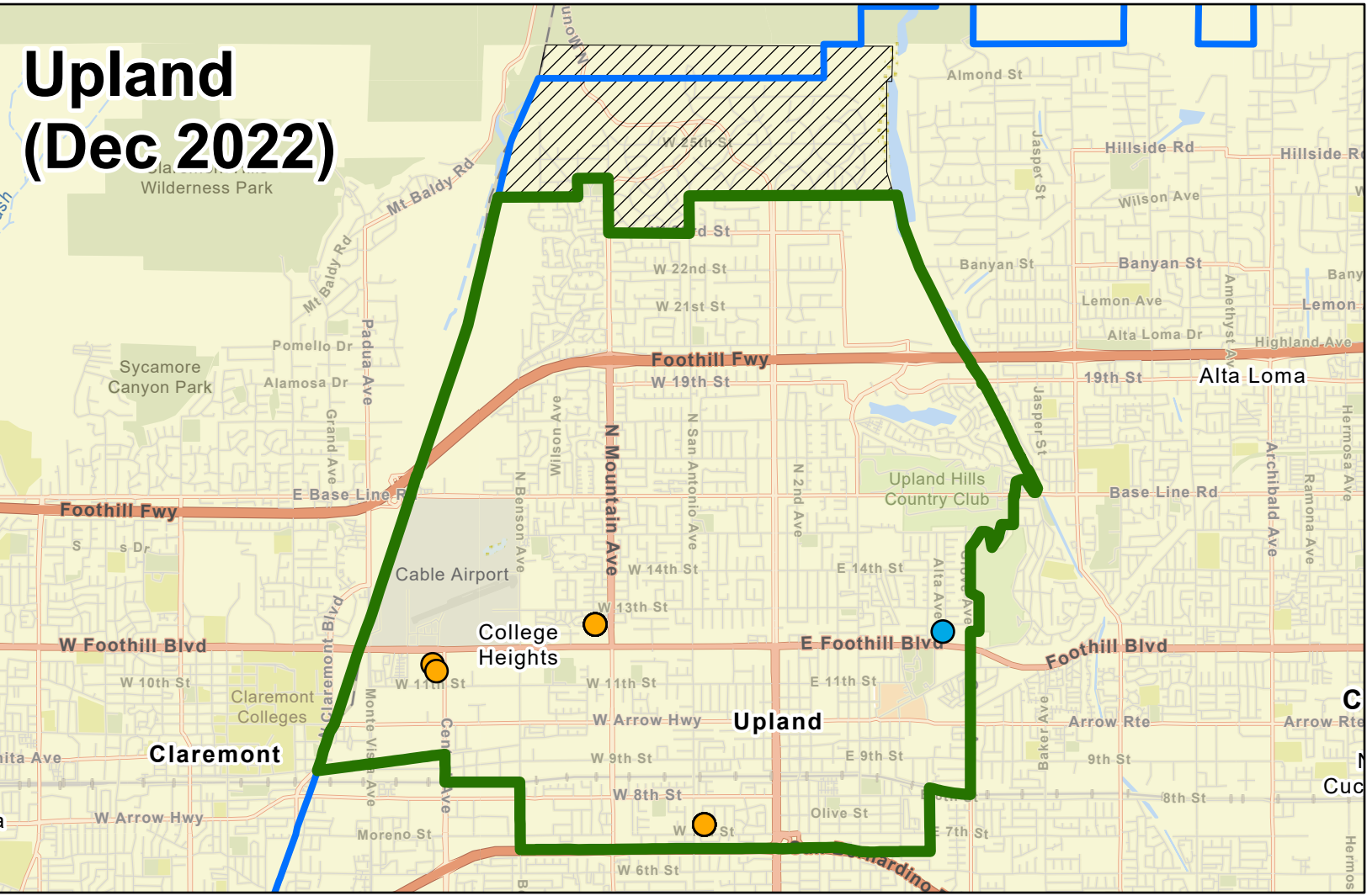
## Fontana (Dec 2022)



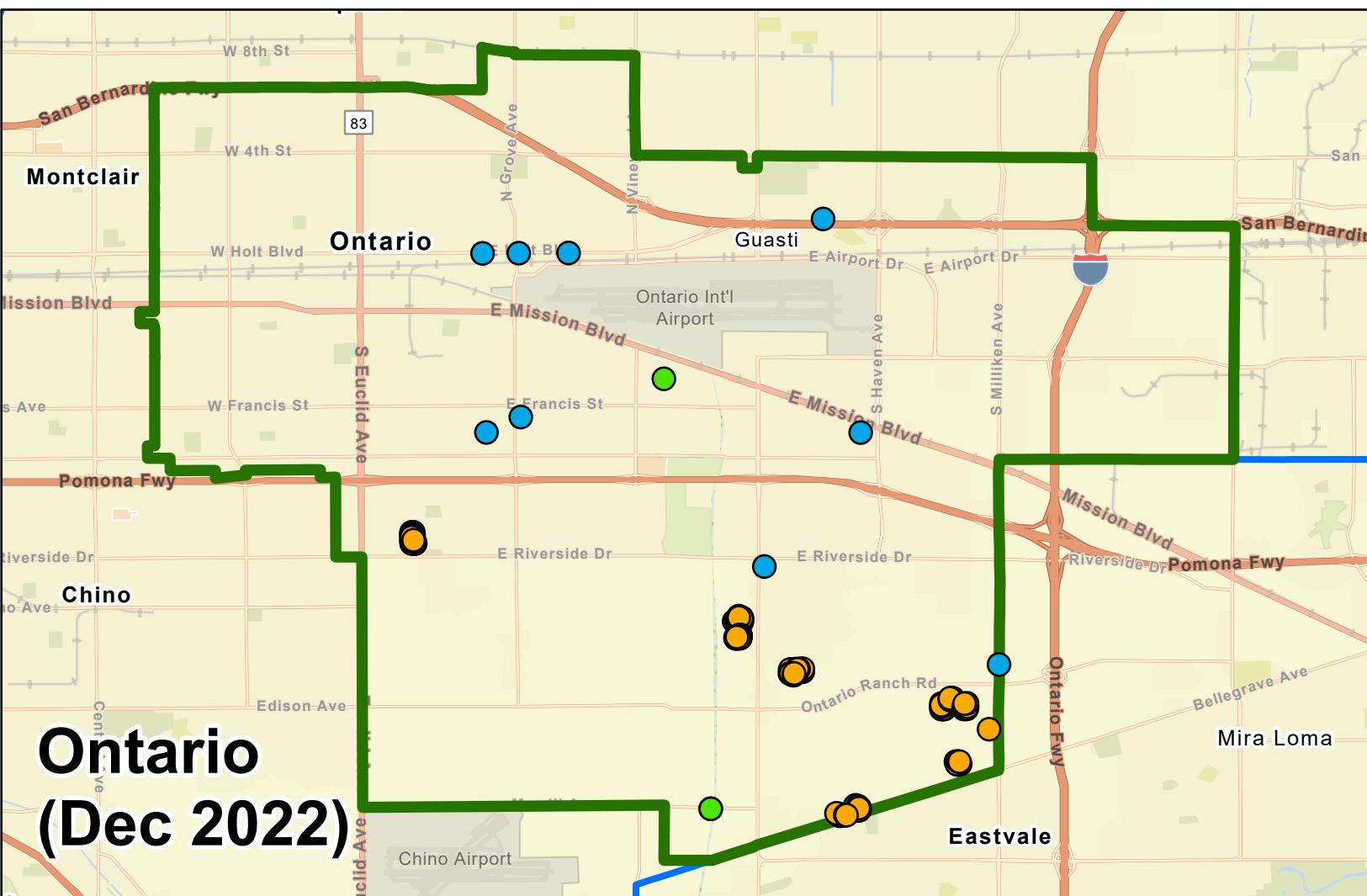
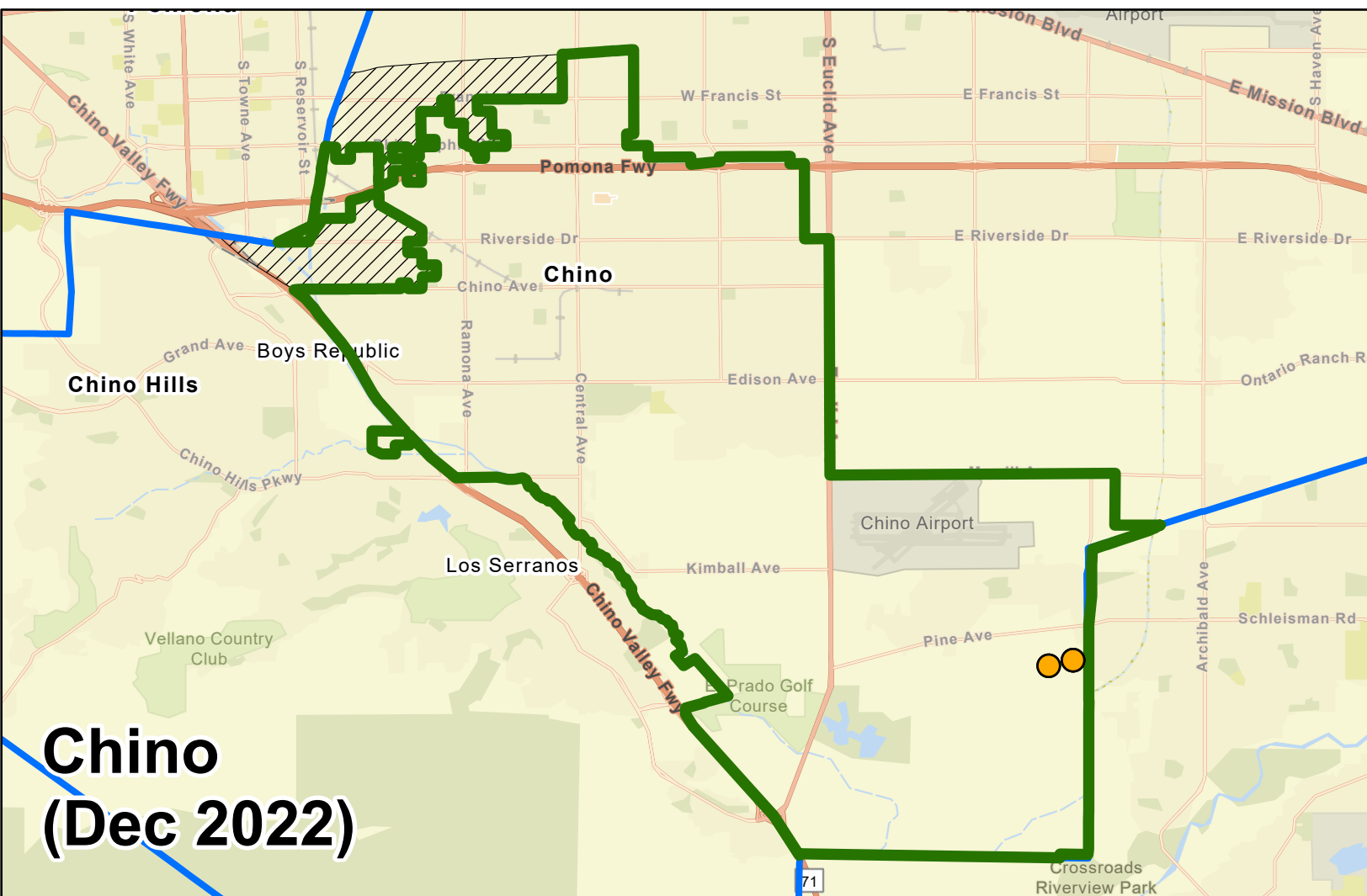
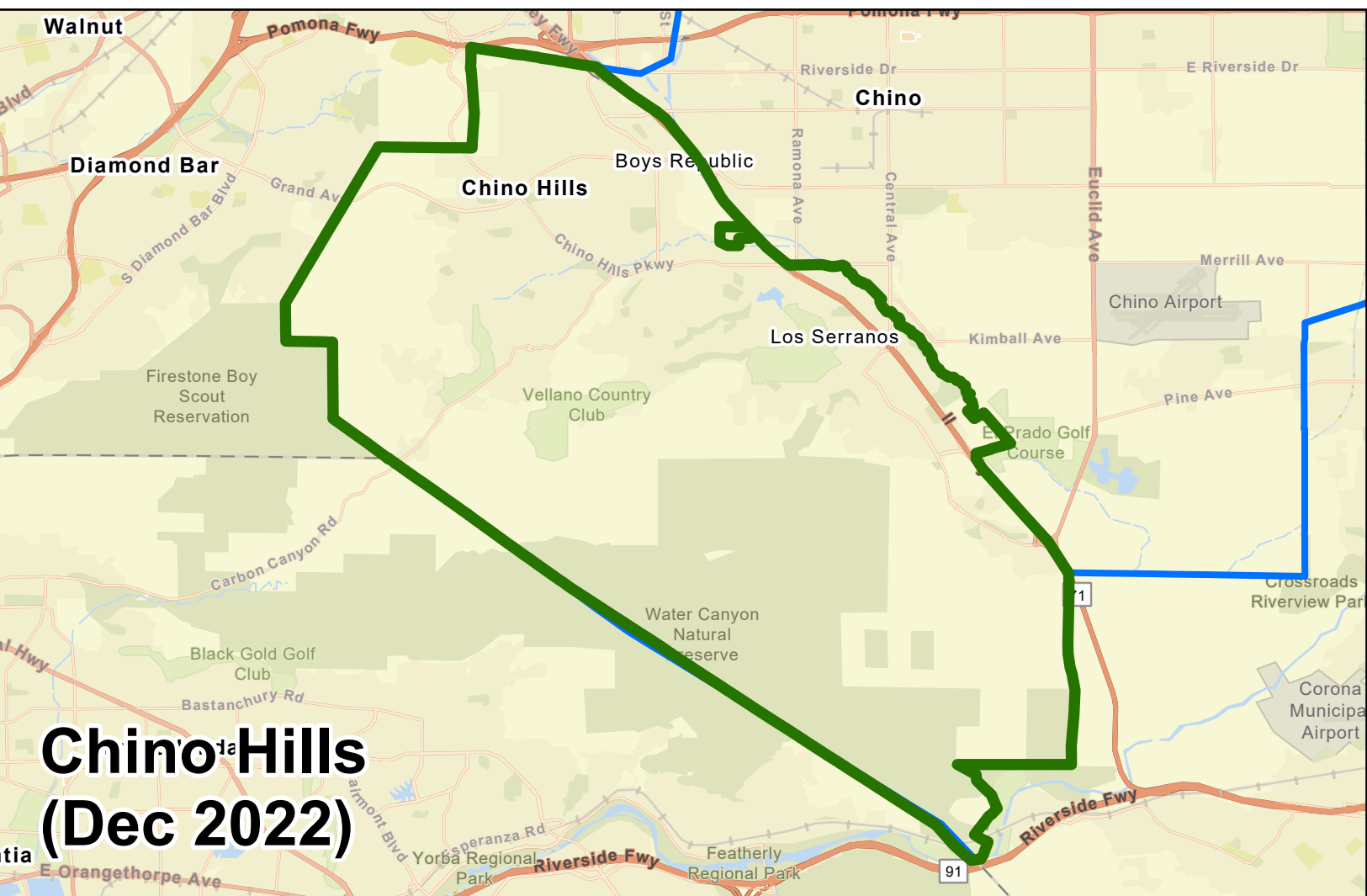
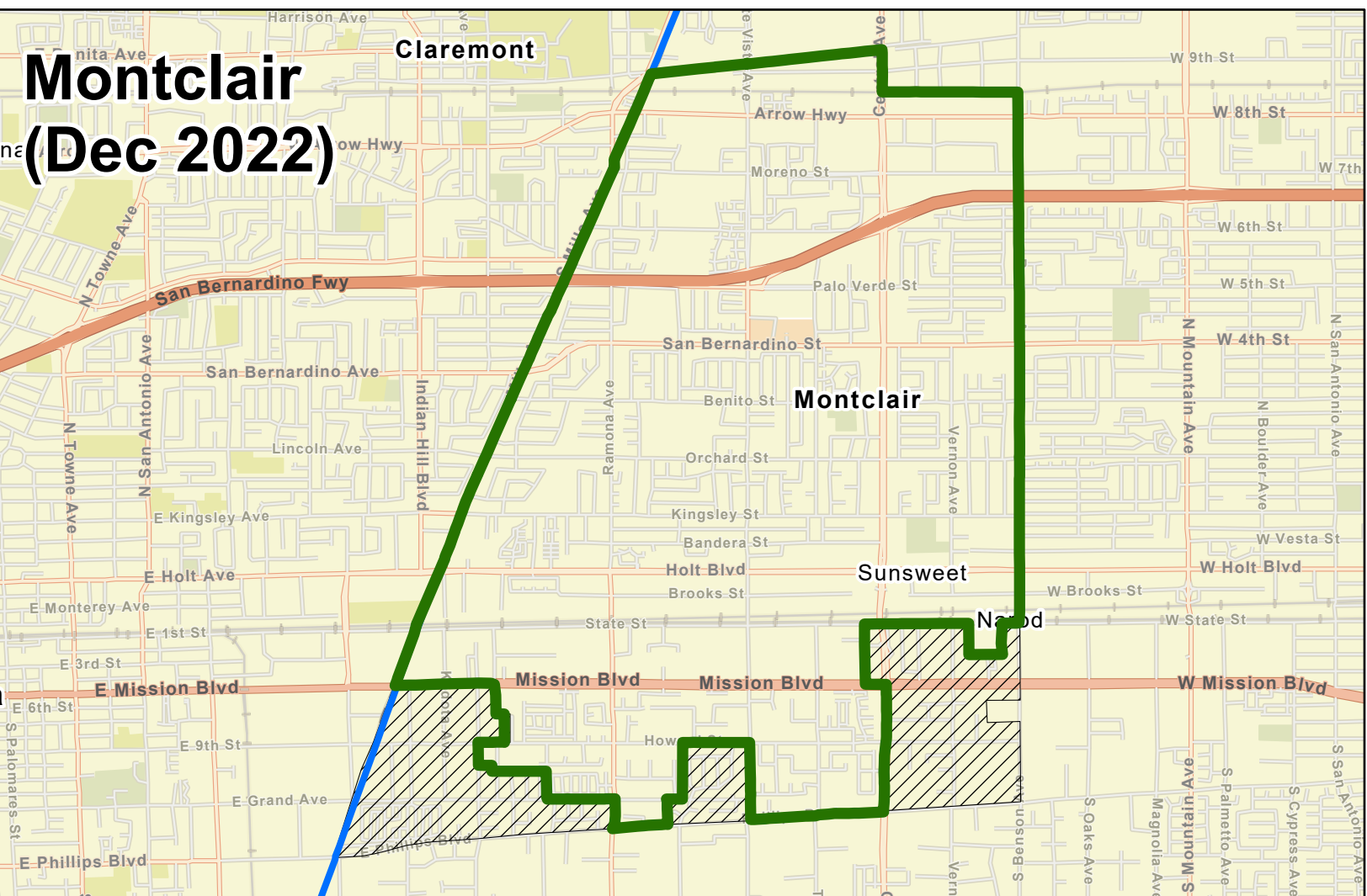
## Cucamonga Valley Water District (Dec 2022)



## Upland (Dec 2022)



## Montclair (Dec 2022)





RECEIVE AND  
FILE

**4B**

# IEUA RECYCLED WATER DISTRIBUTION – JANUARY 2023

## TOTAL ALL PLANTS

Influent: 54.1 MGD

Delivered: 11.8 MGD

Percent Delivered: 22%

## Preliminary Deliveries

RW GWR: 5.7 MGD

RW Direct Use: 6.1 MGD

## RP-4

Delivered: 6.4 MGD

## RP-1

Delivered: 2.3 MGD

## CCWRF

Delivered: 1.6 MGD

## RP-5

Delivered: 1.5 MGD

## Delivered For Groundwater Recharge

Storm/Local Runoff: 31.5 MGD 3,000 AFM

Imported Water: 0 MGD 0 AFM

Recycled Water: 5.7 MGD 543 AFM

Total: 37.2 MGD 3,543 AFM

## Creek Discharges

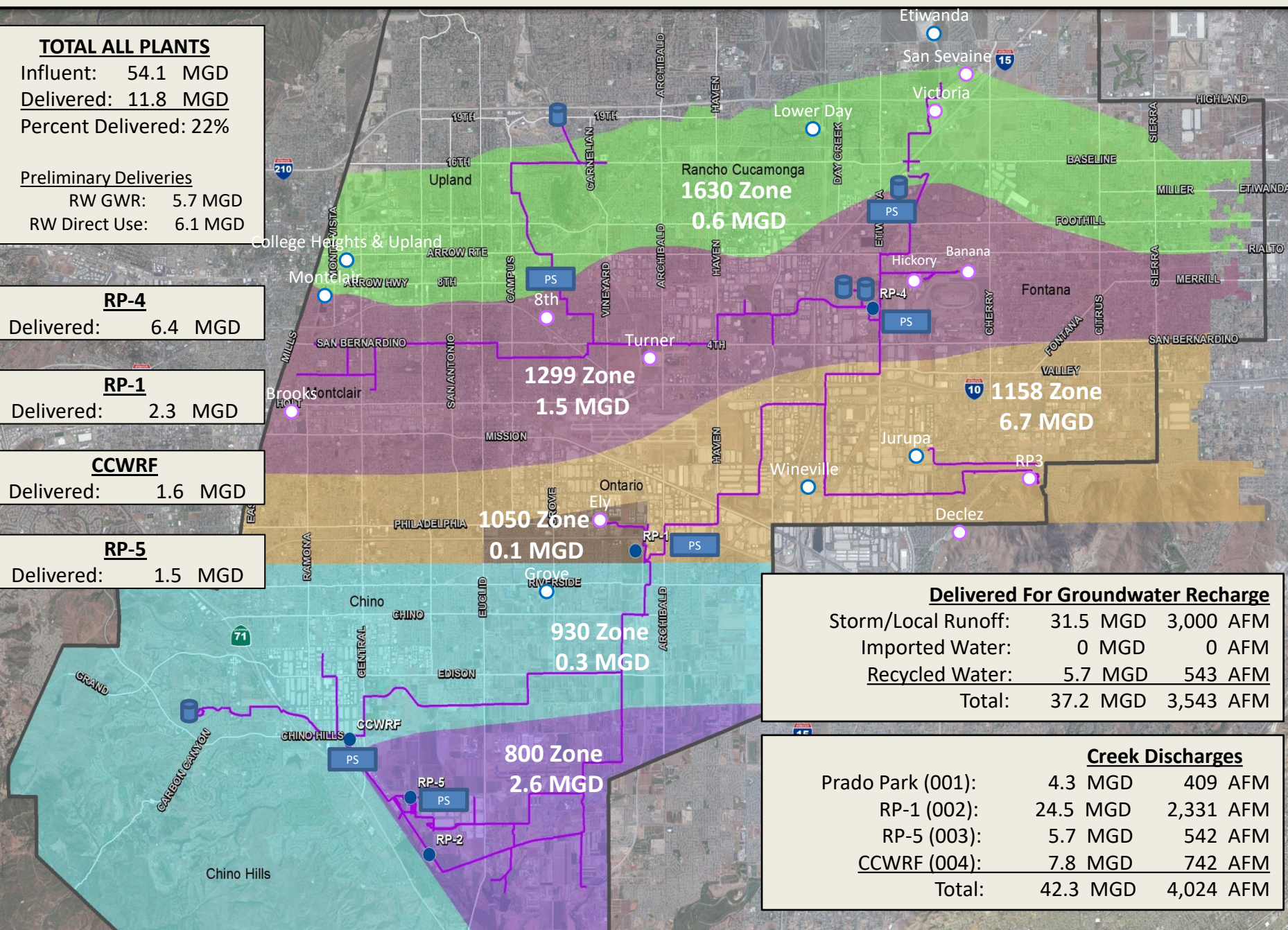
Prado Park (001): 4.3 MGD 409 AFM

RP-1 (002): 24.5 MGD 2,331 AFM

RP-5 (003): 5.7 MGD 542 AFM

CCWRF (004): 7.8 MGD 742 AFM

Total: 42.3 MGD 4,024 AFM



# Recycled Water Recharge Deliveries - January 2023 (Acre-Feet)

Basin	1/1-1/7	1/8-1/14	1/15-1/21	1/22-1/31	Month Actual	FY To Date Actual	Deliveries are draft until reported as final and do not included evaporative losses.	
Ely	0.0	0.0	0.0	0.0	0.0	137		
Banana	0.0	0.0	0.0	0.0	0.0	595		
Hickory	0.0	0.0	0.0	0.0	0.0	121		
Turner 1 & 2	0.0	0.0	0.0	0.0	0.0	149		
Turner 3 & 4	0.0	0.0	0.0	0.0	0.0			
8th Street	0.0	0.0	0.0	2.8	2.8	785		
Brooks	0.0	0.0	0.0	2.9	2.9	564		
RP3	52.4	51.3	126.8	282.1	512.6	4835		
Declez	0.0	0.0	0.0	0.0	0.0	31		
Victoria	14.7	0.0	0.0	7.4	22.1	383		
San Sevaline	2.4	0.0	0.0	0.0	2.4	2070		
Total	69.5	51.3	126.8	295.2	542.8	9,670	10,151	AF previous FY to day actual

