



Regional Sewerage Program Technical Committee Meeting

AGENDA Thursday, June 24, 2021 2:00 p.m. Teleconference Call

PURSUANT TO THE PROVISIONS OF EXECUTIVE ORDER N-25-20 ISSUED BY GOVERNOR GAVIN NEWSOM ON MARCH 12, 2020, AND EXECUTIVE ORDER N-29-20 ISSUED BY GOVERNOR GAVIN NEWSOM ON MARCH 17, 2020 ANY COMMITTEE MEMBER MAY CALL INTO THE COMMITTEE MEETING WITHOUT OTHERWISE COMPLYING WITH ALL BROWN ACT'S TELECONFERENCE REQUIREMENTS.

In effort 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_NmRmY2FmMDYtNTBmMS00MjA5LTk3ODgtZDkyY2U3MTRmZGYz%40thread.v2/0?context=%7b%22Tid%22%3a%224c0c1e57-30f3-4048-9bd2-cd58917dcf07%22%2c%22Oid%22%3a%22329ec40e-eb94-4218-9621-6bfa0baa9697%22%7d

Teleconference: (415) 856-9169/Conference ID: 715 477 121#

This meeting is being 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 into the number provided above. Alternatively, you may email your public comments to the Recording Secretary Sally H. Lee at shlee@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

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.

(Continued)

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. Action Items

- A. Approval of Meeting Minutes for the Special May 20, 2021 Technical Committee Meeting and May 27, 2021 Technical Committee Meeting

2. Informational Items

- A. Groundwater Recharge Update
- B. Return to Sewer Study (*Oral*)
- C. Operations & Compliance Updates (*Oral*)

3. Receive and File

- A. Draft Regional Sewerage Program Policy Committee Meeting Agenda
- B. Building Activity Report
- C. Recycled Water Distribution - Operations Summary

4. Technical Committee Items Distributed

- A. Response to May 27, 2021 Technical Committee Questions Related to Budget
- B. Response to June 3, 2021 Policy Committee Request Related to Budget
- C. Response to June 3, 2021 Policy Committee Request Related to Grants and Loan Agreements

5. Other Business

- A. IEUA General Manager's Update
- B. Committee Member Requested Agenda Items for Next Meeting
- C. Committee Member Comments
- D. Next Regular Meeting – July 29, 2021

Adjournment

In compliance with the Americans with Disabilities Act, if you need special assistance to participate in this meeting, please contact the Recording Secretary (909) 993-1926, 48 hours prior to the scheduled meeting so that the Agency can make reasonable arrangements.

Regional Sewerage Program Technical Committee Meeting Agenda

June 24, 2021

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DECLARATION OF POSTING

I, Sally H. Lee, Executive Assistant of the Inland Empire Utilities Agency, A Municipal Water District, hereby certify that a copy of this agenda has been posted to the IEUA Website at www.ieua.org and posted at the Agency's main office at 6075 Kimball Avenue, Building A, Chino, CA, on Thursday, June 17, 2021.



Sally H. Lee

**ACTION
ITEM**

1A



Special Regional Sewerage Program Technical Committee Meeting MINUTES OF MAY 20, 2021

CALL TO ORDER

A regular meeting of the Special IEUA/Regional Sewerage Program – Technical Committee was held via teleconference on Thursday, May 20, 2021. Committee Chair Nicole deMoet/City of Upland called the meeting to order at 10:07 a.m. Recording Secretary Sally Lee took a roll call and established a quorum was present. There were no public comments.

ATTENDANCE via Teleconference

Committee Members PRESENT:

Amanda Coker	City of Chino
Eduardo Espinoza	Cucamonga Valley Water District (CVWD)
Mark Wiley	City of Chino Hills
Armando Martinez	City of Fontana
Christopher Quach	City of Ontario
Nicole deMoet	City of Upland
Shivaji Deshmukh	Inland Empire Utilities Agency (IEUA)

Committee Members ABSENT:

Steve Stanton	City of Montclair
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OTHERS PRESENT:

Abigail Gomez	City of Fontana
Steve Nix	City of Fontana
Courtney Jones	City of Ontario
Julian Chang	Unknown
Ryan Shaw	Western Municipal Water District
Stephen Dopudja	Dopudja & Wells Consulting, Inc.
Kathy Besser	Inland Empire Utilities Agency
Christiana Daisy	Inland Empire Utilities Agency
Christina Valencia	Inland Empire Utilities Agency
Elizabeth Hurst	Inland Empire Utilities Agency
Sally Lee	Inland Empire Utilities Agency
Sylvie Lee	Inland Empire Utilities Agency
Eddie Lin	Inland Empire Utilities Agency
Liza Muñoz	Inland Empire Utilities Agency

Cathleen Pieroni	Inland Empire Utilities Agency
Ken Tam	Inland Empire Utilities Agency

PUBLIC COMMENTS

There were no public comments.

ADDITIONS/CHANGES TO THE AGENDA

There were no additions/changes to the agenda.

1. WORKSHOP**A. EXTERNAL SUPPLY SOURCES**

Sylvie Lee gave a presentation on the background of external supplies opportunities, current conditions, external supply opportunities, and external supply and funding considerations. Discussion ensued and comments and suggestions were received.

Committee Member Wiley joined the meeting at 10:27 a.m.

The Committee inquired about the Grant process requirements and other funding opportunities. Chair deMoet requested that IEUA staff provide more information by the May 27, 2021 Technical Committee meeting if possible.

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

General Manager Shivaji Deshmukh expressed appreciation to the Committee members for their engagement and input on the external supply sources topic.

COMMITTEE MEMBER REQUESTED AGENDA ITEMS FOR NEXT MEETING

There were no Committee member requests for future agenda items.

B. COMMITTEE MEMBER COMMENTS

Committee Member Espinoza also noted his appreciation for the discussion of external supply sources and thanked IEUA staff for their efforts.

C. NEXT REGULAR MEETING – MAY 27, 2021

ADJOURNMENT – Chair deMoet adjourned the meeting at 11:20 a.m.

Prepared by:

Sally H. Lee, Executive Assistant



Regional Sewerage Program Technical Committee Meeting MINUTES OF MAY 27, 2021

CALL TO ORDER

A regular meeting of the IEUA/Regional Sewerage Program – Technical Committee was held via teleconference on Thursday, May 27, 2021. Committee Chair Nicole deMoet/City of Upland called the meeting to order at 2:01 p.m. Recording Secretary Sally Lee took a roll call and established a quorum was present. There were no public comments.

ATTENDANCE via Teleconference

Committee Members PRESENT:

Dave Crosley	City of Chino
Eduardo Espinoza	Cucamonga Valley Water District (CVWD)
Mark Wiley	City of Chino Hills
Armando Martinez	City of Fontana
Steve Stanton	City of Montclair
Courtney Jones	City of Ontario
Nicole deMoet	City of Upland
Shivaji Deshmukh	Inland Empire Utilities Agency (IEUA)

OTHERS PRESENT:

Amanda Coker	City of Chino
Mark Wiley	City of Chino Hills
Steve Nix	City of Fontana
Christopher T. Quach	City of Ontario
Julian Chang	City of Upland
Braden Yu	City of Upland
Jason Cary	Unknown
David Channer II	Unknown
Kathy Besser	Inland Empire Utilities Agency
Christiana Daisy	Inland Empire Utilities Agency
Randy Lee	Inland Empire Utilities Agency
Christina Valencia	Inland Empire Utilities Agency
Jerry Burke	Inland Empire Utilities Agency
Javier Chagoyen-Lazaro	Inland Empire Utilities Agency
Robert Delgado	Inland Empire Utilities Agency
Sally Lee	Inland Empire Utilities Agency

Sylvie Lee	Inland Empire Utilities Agency
Eddie Lin	Inland Empire Utilities Agency
Liza Muñoz	Inland Empire Utilities Agency
Cathleen Pieroni	Inland Empire Utilities Agency
Jesse Pompa	Inland Empire Utilities Agency
Ken Tam	Inland Empire Utilities Agency

PUBLIC COMMENTS

There were no public comments.

ADDITIONS/CHANGES TO THE AGENDA

There were no additions/changes to the agenda.

1. ACTION ITEM**A. APPROVAL OF THE MEETING MINUTES OF APRIL 29, 2021**

Motion: By Dave Crosley/City of Chino and seconded by Courtney Jones/City of Ontario to approve the meeting minutes of the April 29, 2021 Technical Committee meeting.

Motion carried: Ayes: 8; Noes: 0; Absent: 0; Abstained: 0

With the following roll call vote:

Ayes: Crosley, Jones, Craig, Deshmukh, Espinoza, Martinez, Stanton, deMoet
 Noes: None
 Absent: None
 Abstain: None

B. REVIEW OF PROPOSED BIENNIAL BUDGET FOR FISCAL YEARS 2021/22 AND 2022/23 FOR REGIONAL WASTEWATER AND RECYCLED WATER PROGRAMS AND FISCAL YEARS 2022-2031 TEN-YEAR FORECAST (TYF)

Javier Chagoyen-Lazaro/IEUA gave a presentation on the proposed biennial budget for Fiscal Years (FYs) 2021/22 and 2022/23 for Regional Wastewater and Recycled Water Programs and FYs 2022-2031 TYF. Discussion ensued regarding costs associated with advanced water purification, property tax allocation for specific funds, TYF capital and non-capital projects, Regional Wastewater Operations and Maintenance fund projects, and transfers in debt service. Staff confirmed that they will provide a detailed answer to Committee member Espinoza's questions regarding the TYF capital and non-capital projects, including a description of the preliminary design reports (PDRs) projects and business case evaluation for certain renewable energy projects.

Motion: By Ron Craig/City of Chino Hills and seconded by Eduardo Espinoza/CVWD to recommend approval to the IEUA Board of Directors for the proposed Fiscal Years (FYs) 2021/22 and 2022/23 Biennial Budget for the Agency's Regional Wastewater Capital Improvement fund, Regional Wastewater Operations and Maintenance fund, and the Recycled Water fund and the FYs 2022-2031 Ten-Year Forecast.

Motion carried: Ayes: 8; Noes: 0; Absent: 0; Abstained: 0

With the following roll call vote:

Ayes: Craig, Espinoza, Crosley, Deshmukh, Jones, Martinez, Stanton, deMoet
Noes: None
Absent: None
Abstain: None

2. INFORMATIONAL ITEMS

A. MICROPLASTICS UPDATE

Cathleen Pieroni/IEUA gave an update on microplastics including information on the California plastics regulatory programs, the prevalence of scientific literature on plastic, legislative direction on regulatory agencies, the Ocean Protection Council (OPC) Strategic Plan, studies completed and currently underway, adopted OPC recommendations, adopted definition of microplastics by the State Water Resources Control Board, and efficacy of wastewater treatment in removing microplastics.

B. OPERATIONS & COMPLIANCE UPDATES

Ken Tam/IEUA reported that there was a toxicity issue at RP-1, which resulted in accelerated monitoring of a frequency of every two weeks. He stated that there were no operations or compliance issues in the southern service area.

3. RECEIVE AND FILE

A. DRAFT REGIONAL SEWERAGE PROGRAM POLICY COMMITTEE MEETING AGENDA

The draft Regional Sewerage Program Policy Committee meeting agenda was received and filed by the Committee.

B. BUILDING ACTIVITY REPORT

The Building Activity Report for March 2021 was received and filed by the Committee.

C. RECYCLED WATER DISTRIBUTION – OPERATIONS SUMMARY

The Recycled Water Distribution – Operations Summary for April 2021 was received and filed by the Committee.

4. TECHNICAL COMMITTEE ITEMS DISTRIBUTED

A. NONE

5. OTHER BUSINESS

A. IEUA GENERAL MANAGER'S UPDATE

General Manager Shivaji Deshmukh/IEUA gave an update on the external supply sources and the potential of resuming in-person meetings in the near future.

B. COMMITTEE MEMBER REQUESTED AGENDA ITEMS FOR NEXT MEETING

Staff reconfirmed that they would have an answer to Committee Member Eduardo's budget questions by June 1.

C. COMMITTEE MEMBER COMMENTS

Chair deMoet stated that at the May 11 Special Policy Committee meeting, a regional contract provision that covers the matter of designating a representative entitled to participate in grants and financial assistance negotiations were mentioned. She stated that it will be presented at the June 3 Policy meeting for discussion and asked Technical Committee members to discuss it with their Policy Committee members prior to the meeting.

D. NEXT MEETING – JUNE 24, 2021

ADJOURNMENT – Chair deMoet adjourned the meeting at 2:54 p.m.

Prepared by:

Sally H. Lee, Executive Assistant

**INFORMATION
ITEM**

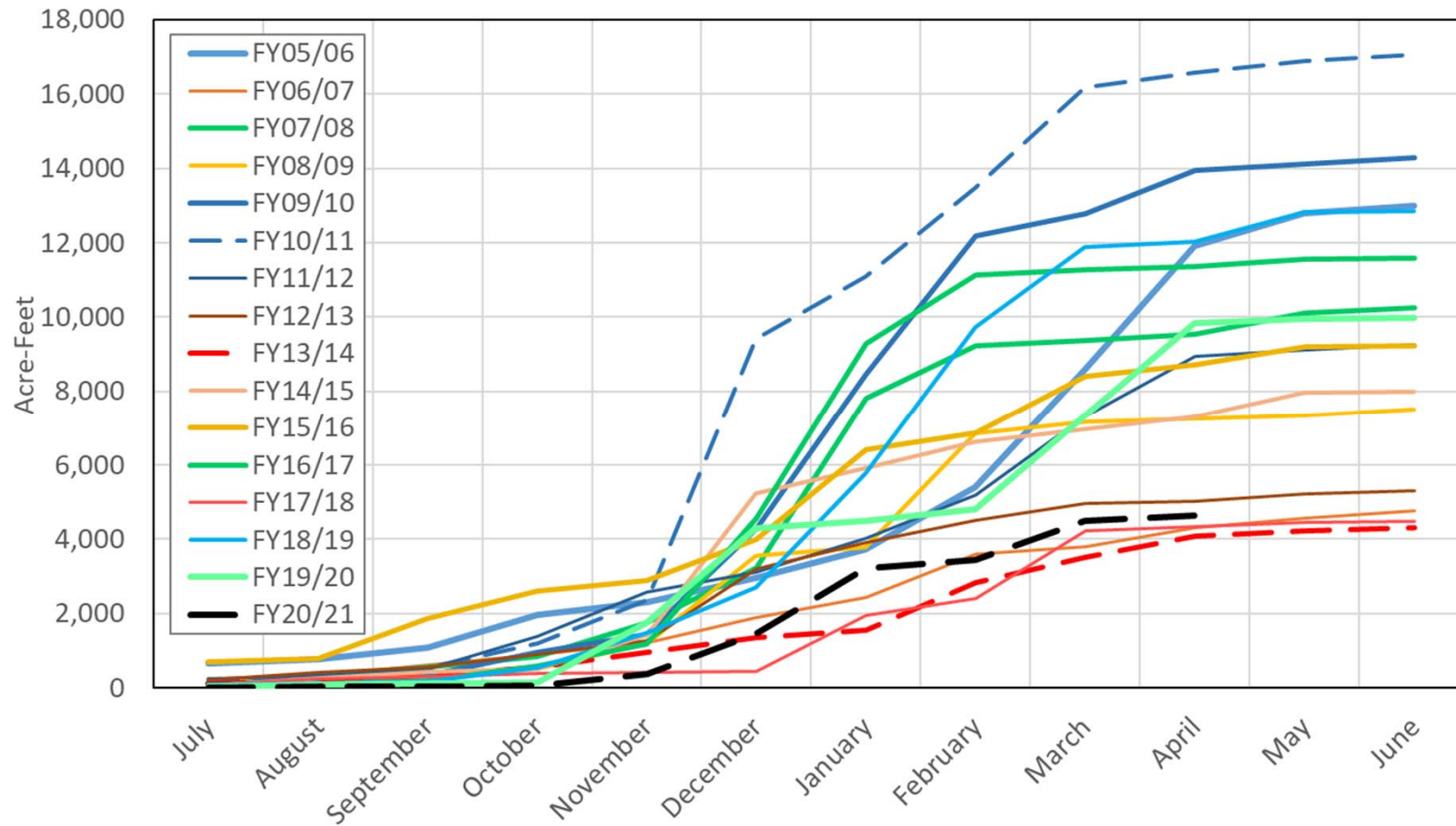
2A



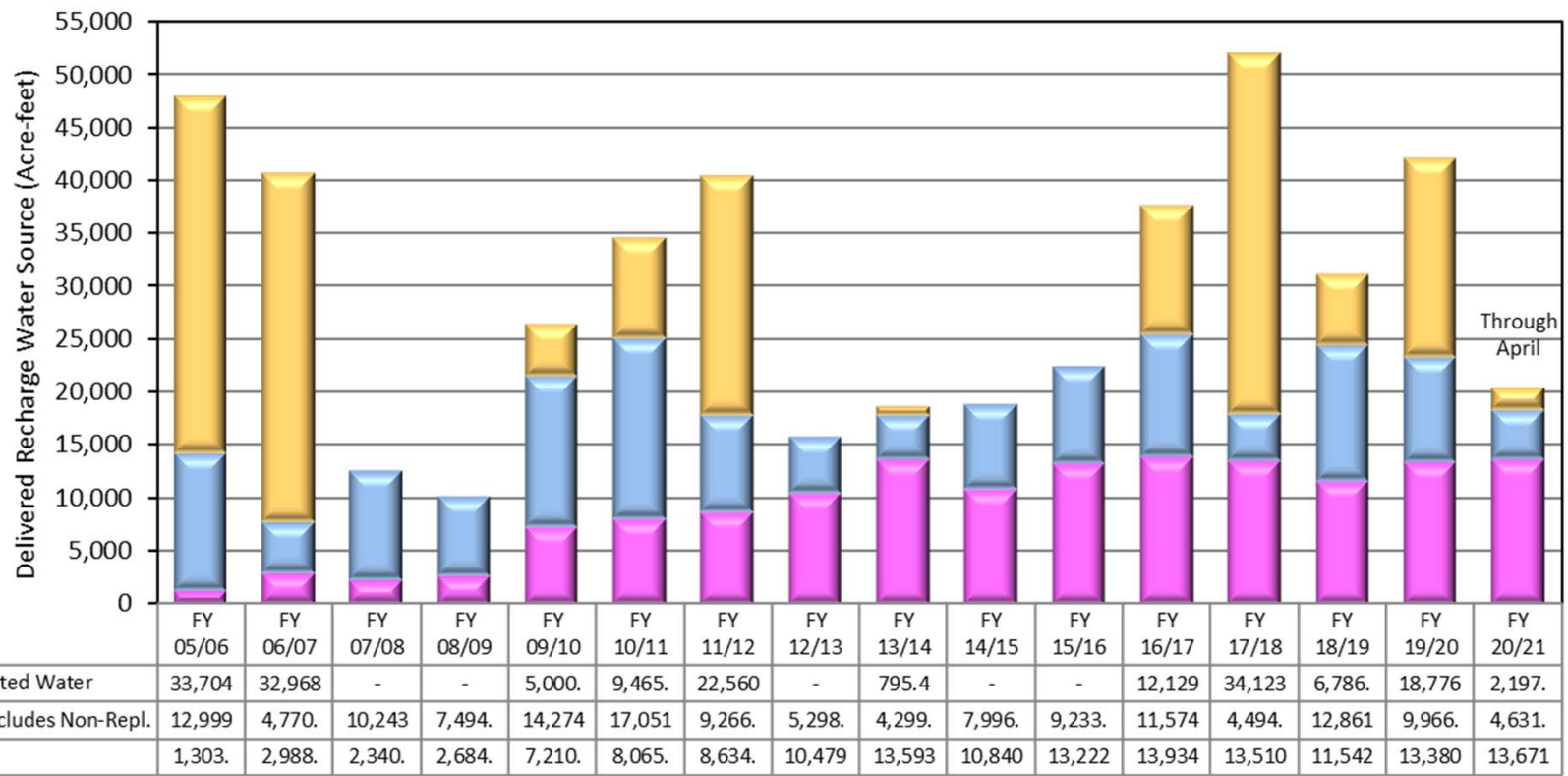
Recycled Water Groundwater Recharge Update

Andy Campbell, PG, CHG
GWR Coordinator/Hydrogeologist
June 2021

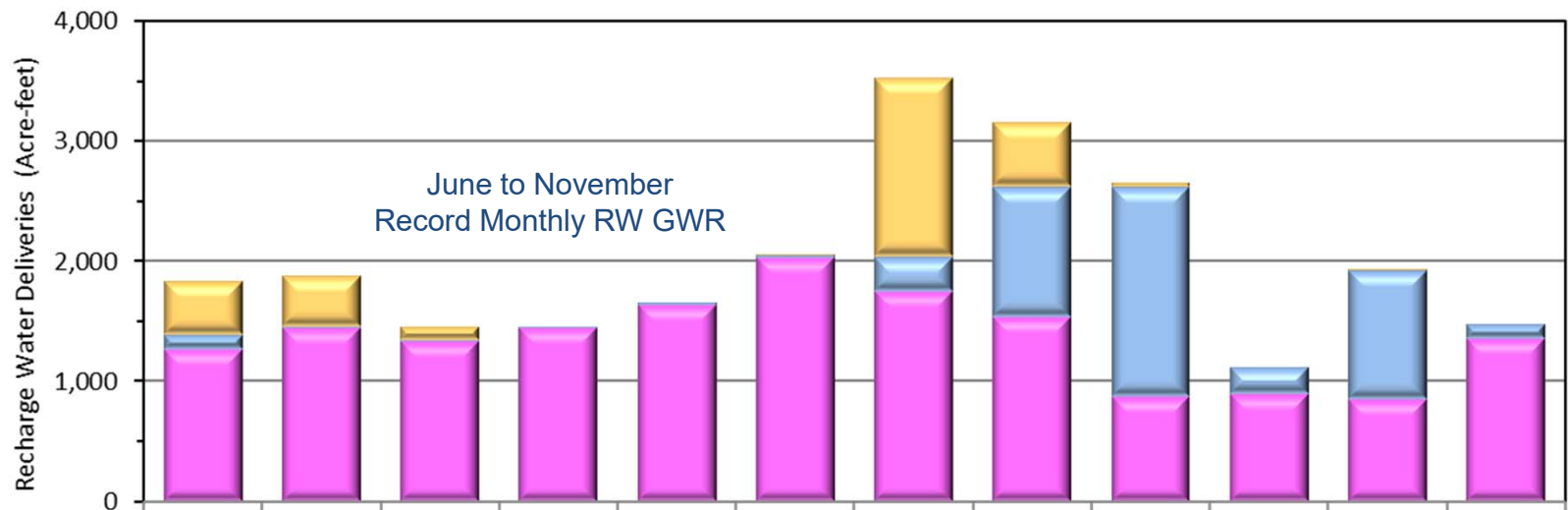
Accumulated Monthly Stormwater



Groundwater Recharge Annual History



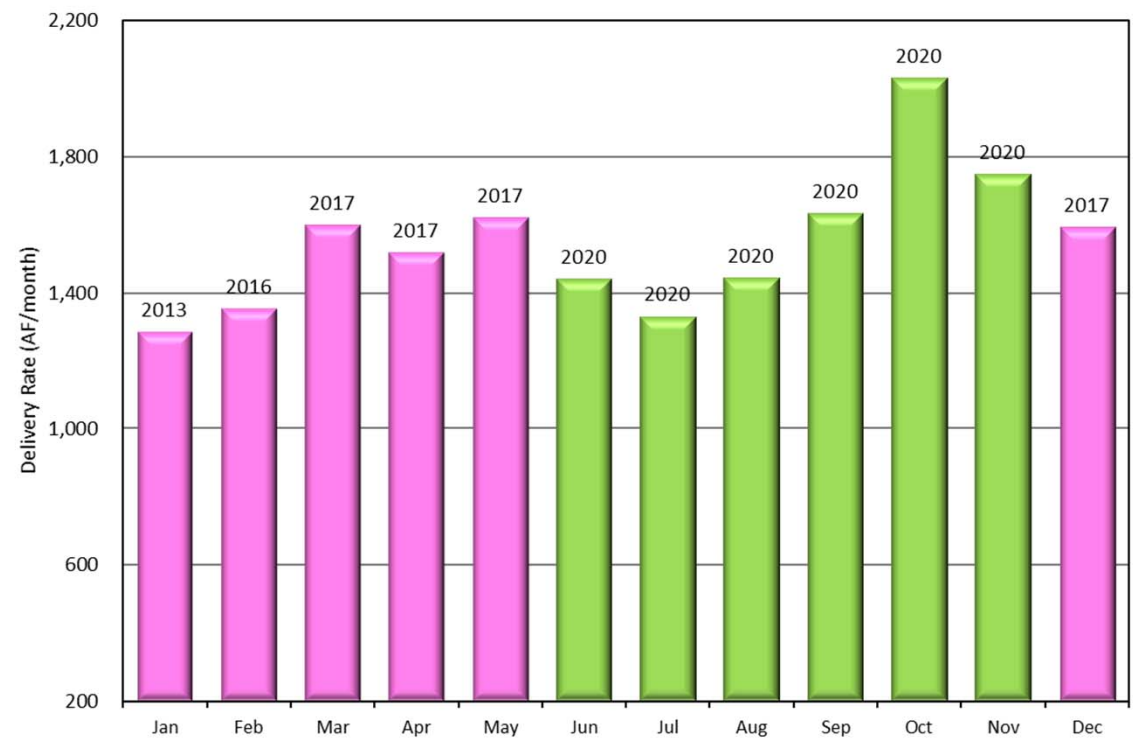
Groundwater Recharge Deliveries Past 12 Months



	May 2020	Jun 2020	Jul 2020	Aug 2020	Sep 2020	Oct 2020	Nov 2020	Dec 2020	Jan 2021	Feb 2021	Mar 2021	Apr 2021
MWD and other Imported Water	453	425	110	0	0	9	1,498	545	31	0	4	0
Stormwater and LR (excluded Non-Replenishment)	121	17	11	18	18	24	290	1,090	1,758	227	1,073	123
Recycled Water	1,266	1,440	1,330	1,442	1,634	2,030	1,749	1,528	868	891	852	1,350

RW Recharge Deliveries Historical Monthly Highs

Month	RW Recharge Deliveries - Historical Monthly Highs (AF)	Year of Occurrence
January	1,284	2013
February	1,352	2016
March	1,598	2017
April	1,517	2017
May	1,620	2017
June	1,440	2020
July	1,330	2020
August	1,442	2020
September	1,634	2020
October	2,030	2020
November	1,749	2020
December	1,591	2017



San Sevaine RW Delivery

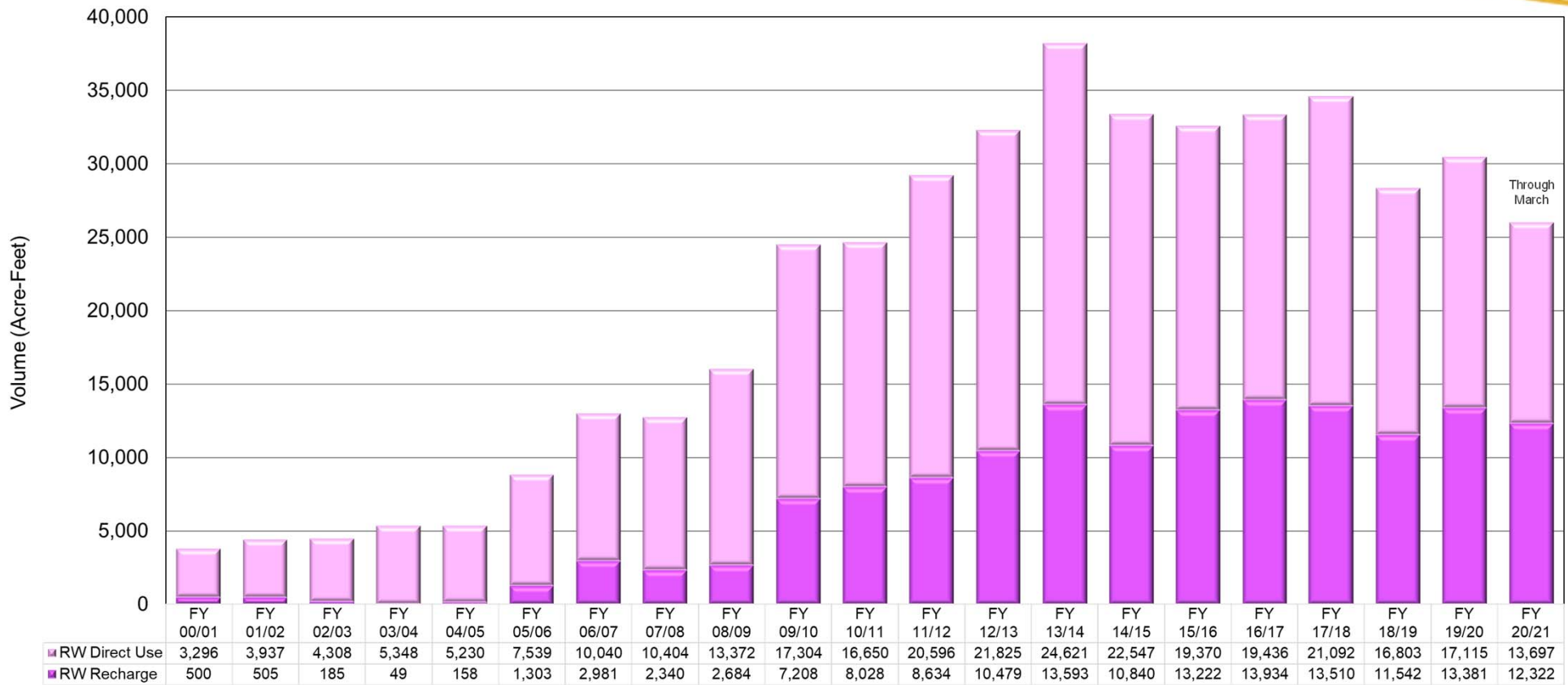
Mar 31, 2021 at 2:35:33 PM



Apr 7, 2021 at 11:41:01 AM



Recycled Water (RW) Demand History



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3A



Regional Sewerage Program Policy Committee Meeting

AGENDA

Thursday, July 1, 2021

3:30 p.m.

Teleconference Call

PURSUANT TO THE PROVISIONS OF EXECUTIVE ORDER N-25-20 ISSUED BY GOVERNOR GAVIN NEWSOM ON MARCH 12, 2020, AND EXECUTIVE ORDER N-29-20 ISSUED BY GOVERNOR GAVIN NEWSOM ON MARCH 17, 2020 ANY COMMITTEE MEMBER MAY CALL INTO THE COMMITTEE MEETING WITHOUT OTHERWISE COMPLYING WITH ALL BROWN ACT'S TELECONFERENCE REQUIREMENTS.

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Teleconference: 1-415-856-9169/Conference ID: 552 973 583#

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Roll Call

Public Comment

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Additions to the Agenda

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- 1. Technical Committee Report** *(Oral)*
- 2. Action Item**
 - A. Meeting Minutes for June 3, 2021
 - B. Designation of Representative Entitled to Participate in Grants and Financial Assistance Negotiations
- 3. Informational Items**
 - A. Groundwater Recharge Update
 - B. Regional Contract Negotiation Update *(Oral)*
- 4. Receive and File**
 - A. Building Activity Report
 - B. Recycled Water Distribution – Operations Summary
 - C. Regional Contract Negotiations Meeting Notes
- 5. Policy Committee Items Distributed**
 - A. Response to June 3, 2021 Policy Committee Request Related to Budget
 - B. Response to June 3, 2021 Policy Committee Request Related to Grants and Loan Agreements
- 6. Other Business**
 - A. IEUA General Manager's Update
 - B. Committee Member Requested Agenda Items for Next Meeting
 - C. Committee Member Comments
 - D. Next Meeting – August 5, 2021

Adjournment

In compliance with the Americans with Disabilities Act, if you need special assistance to participate in this meeting, please contact the Recording Secretary (909) 993-1926, 48 hours prior to the scheduled meeting so that the Agency can make reasonable arrangements.

DECLARATION OF POSTING

I, Sally H. Lee, Executive Assistant of the Inland Empire Utilities Agency, A Municipal Water District, hereby certify that a copy of this agenda has been posted to the IEUA Website at www.ieua.org and posted at the Agency's main office at 6075 Kimball Avenue, Building A, Chino, CA, by Thursday, June 24, 2021.

Sally H. Lee

DRAFT

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FILE

3B

Building Activity Report - YTD Fiscal Year 2020/21



Legend

- Service Area
- Unincorporated

EDU (YTD)

Residential

<=1.0

1.0 - 10.0

>10.0

Commercial

<=1.0

1.0 - 10.0

>10.0

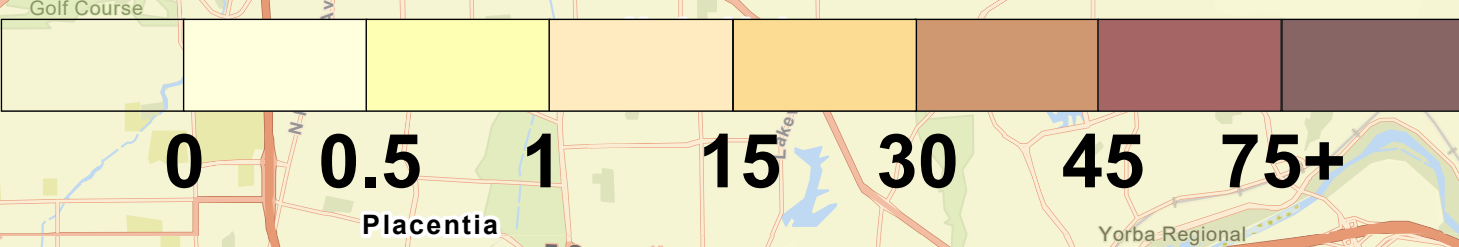
Industrial

<=1.0

1.0 - 10.0

>10.0

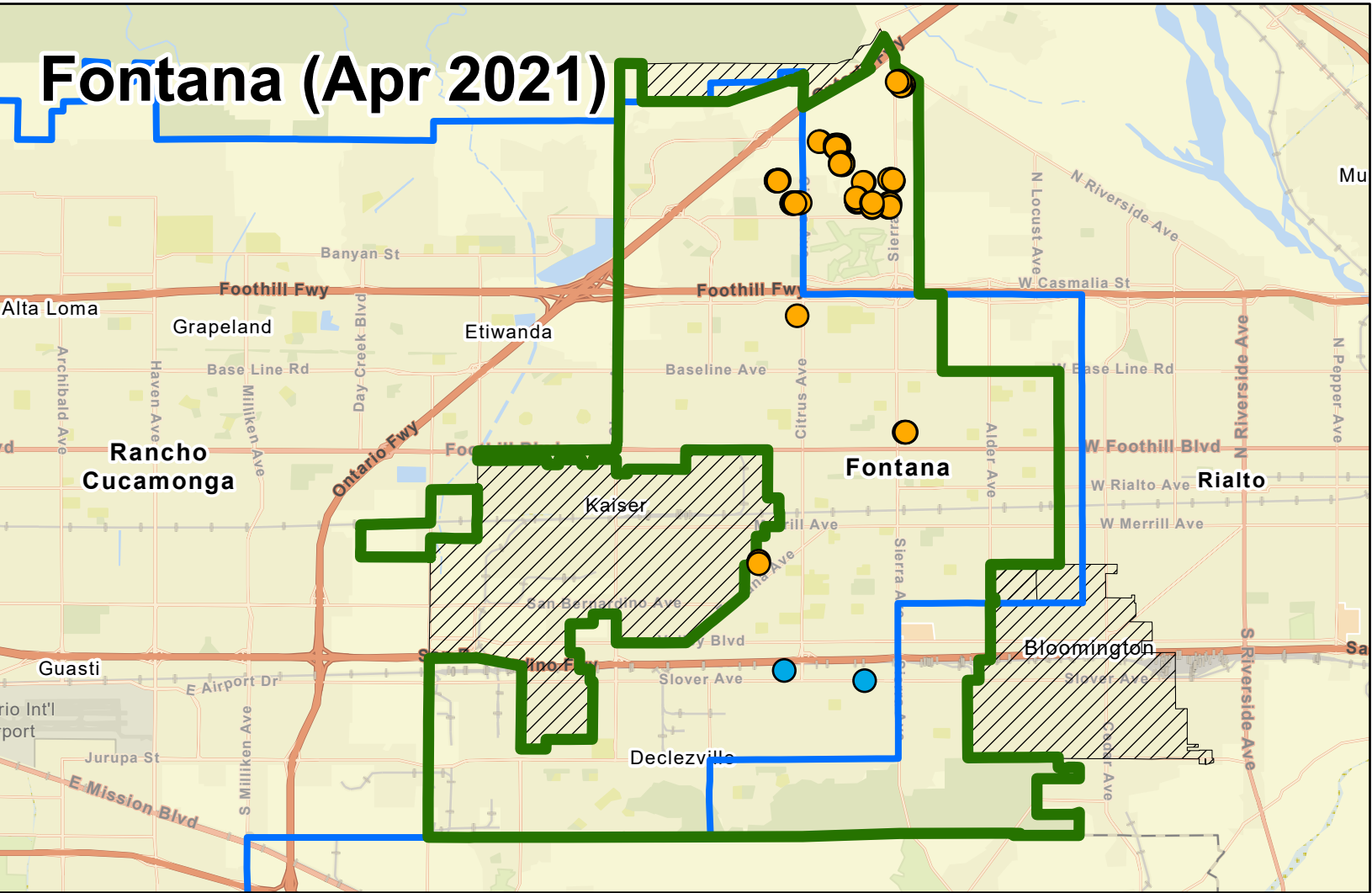
HALF MILE GRID: TOTAL EDU's (YTD)



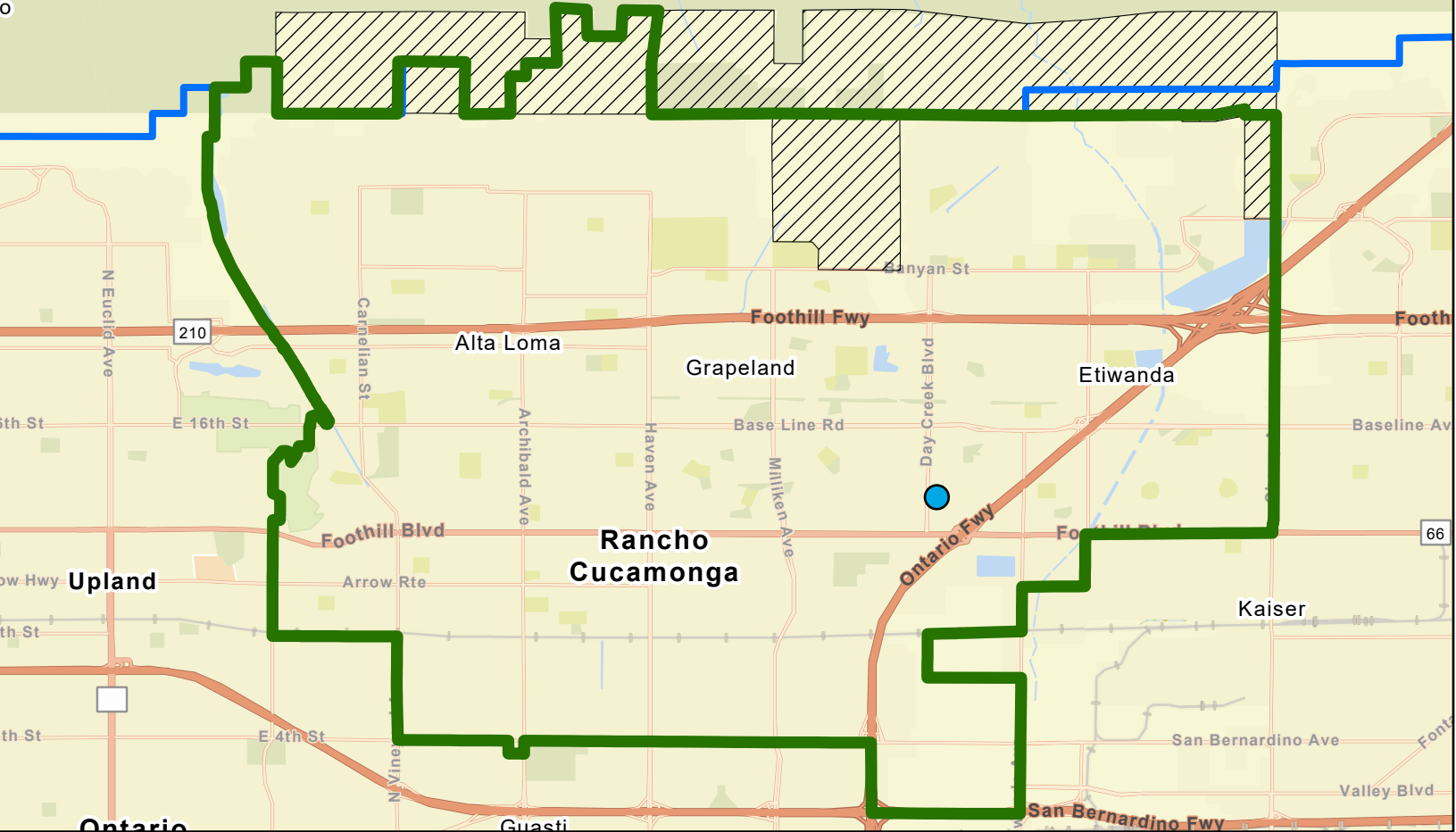
TOTAL EDU BY WASTEWATER CONNECTION TYPE (YTD)

Contracting Agency	YTD Actual				Projected
	Commercial (EDUs)	Industrial (EDUs)	Residential (EDUs)	Total (EDUs)	
Chino	13	0	398	411	430
Chino Hills	39	0	27	66	182
CVWD	27	27	14	68	1650
Fontana	64	7	1029	1101	2406
Montclair	10	0	0	10	407
Ontario	130	-3	1370	1497	3865
Upland	30	0	109	139	381
Total	313	32	2947	3292	9321

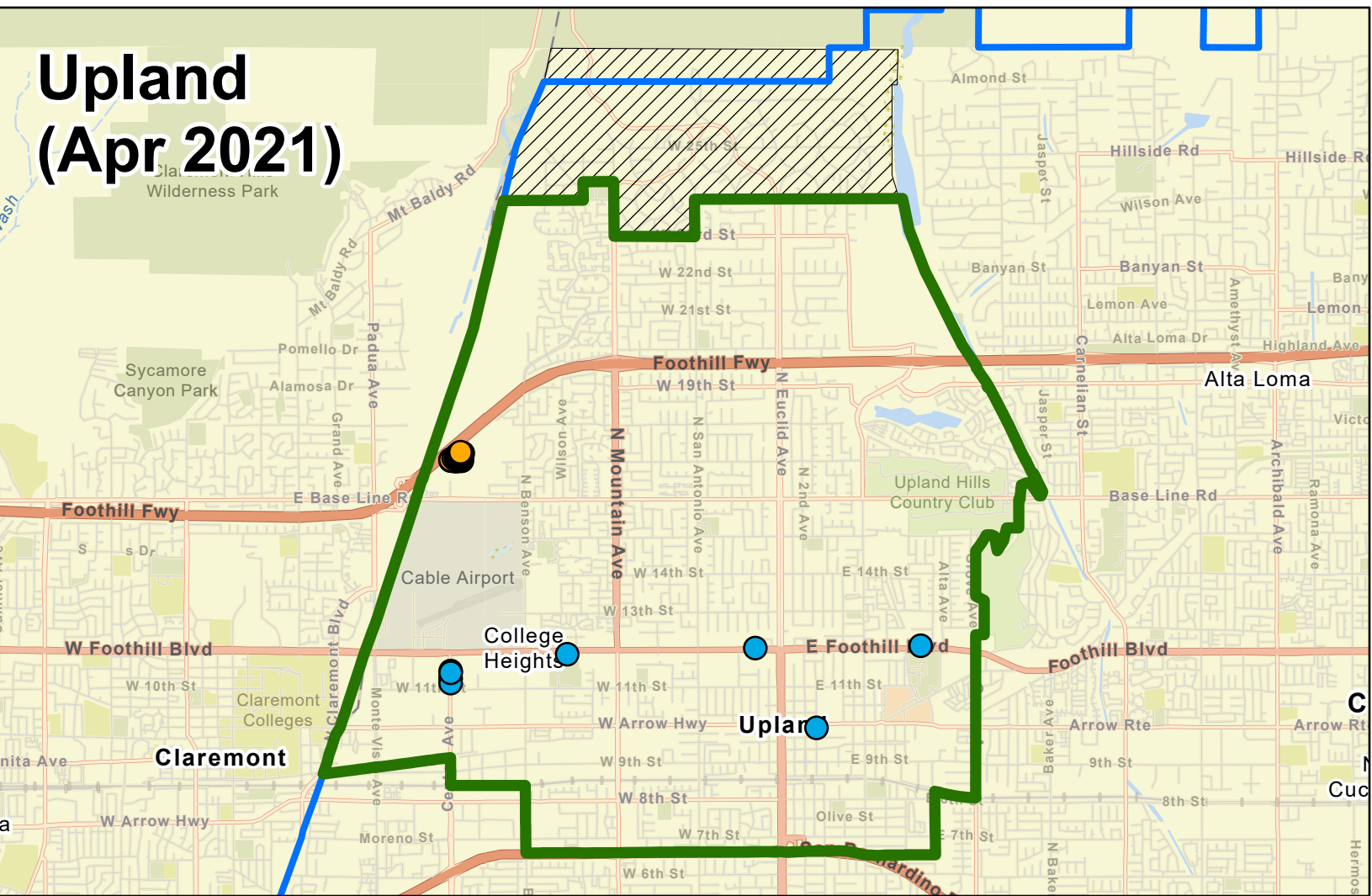
Fontana (Apr 2021)



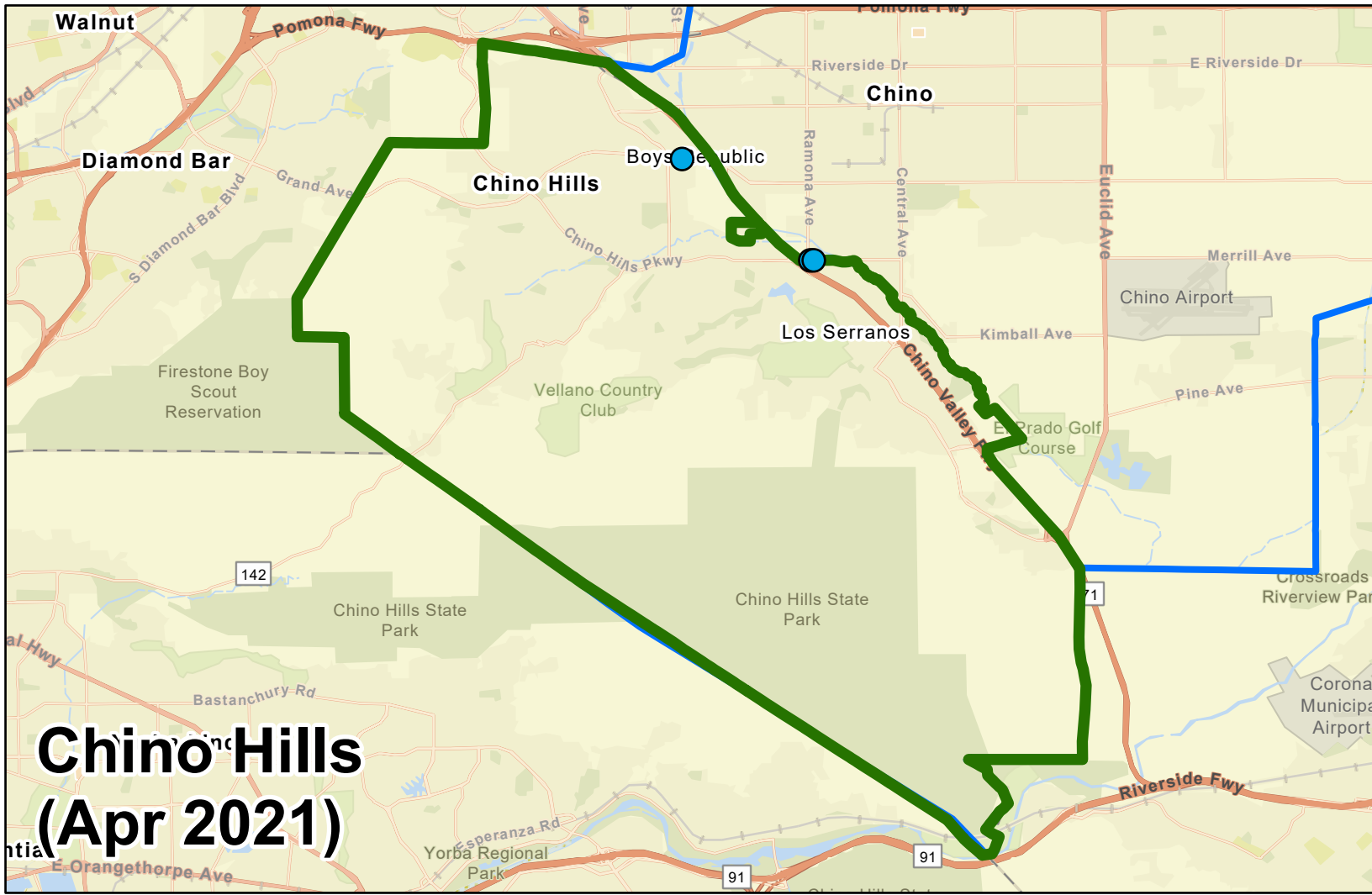
Cucamonga Valley Water District (Apr 2021)



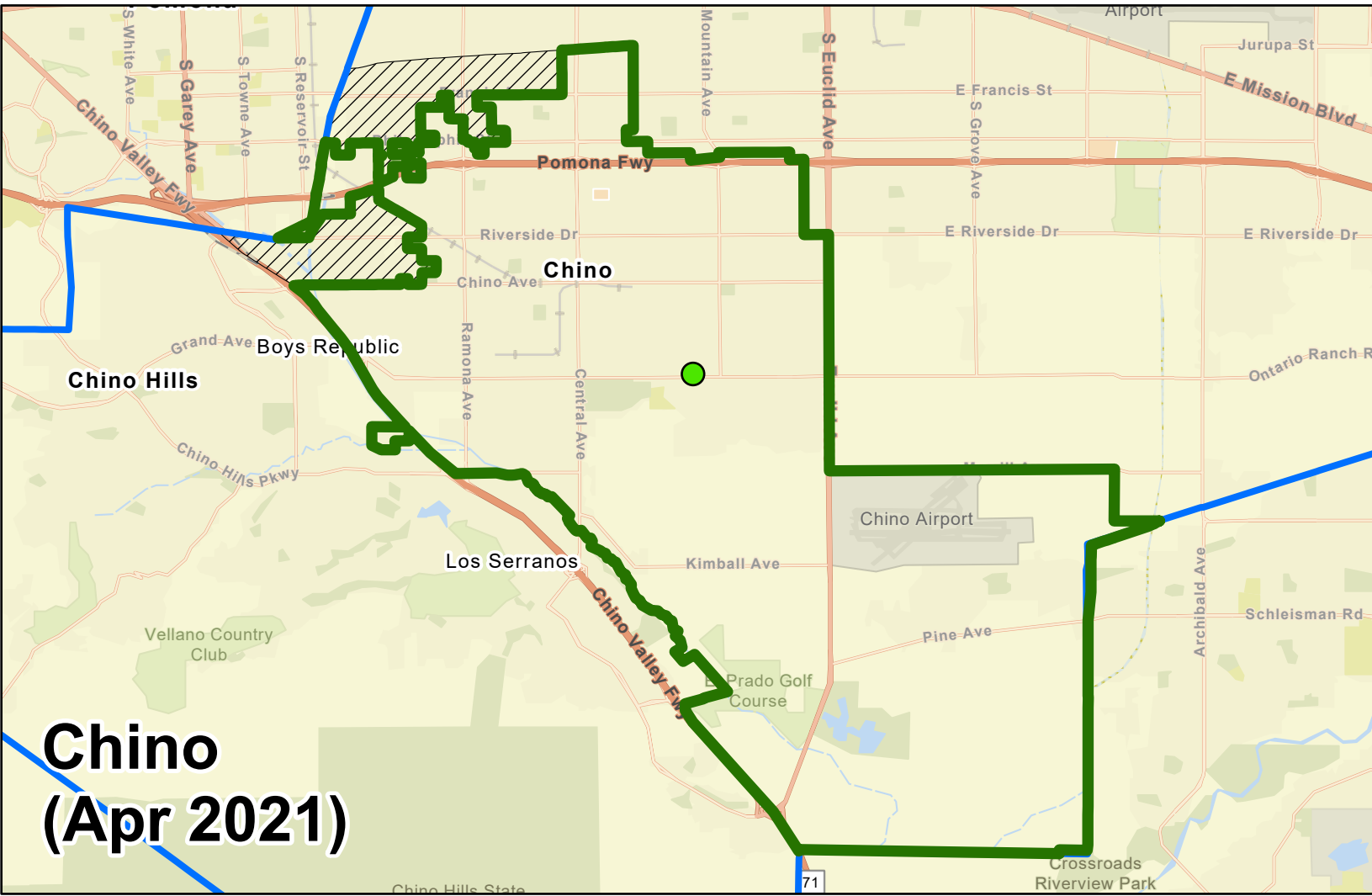
Upland (Apr 2021)



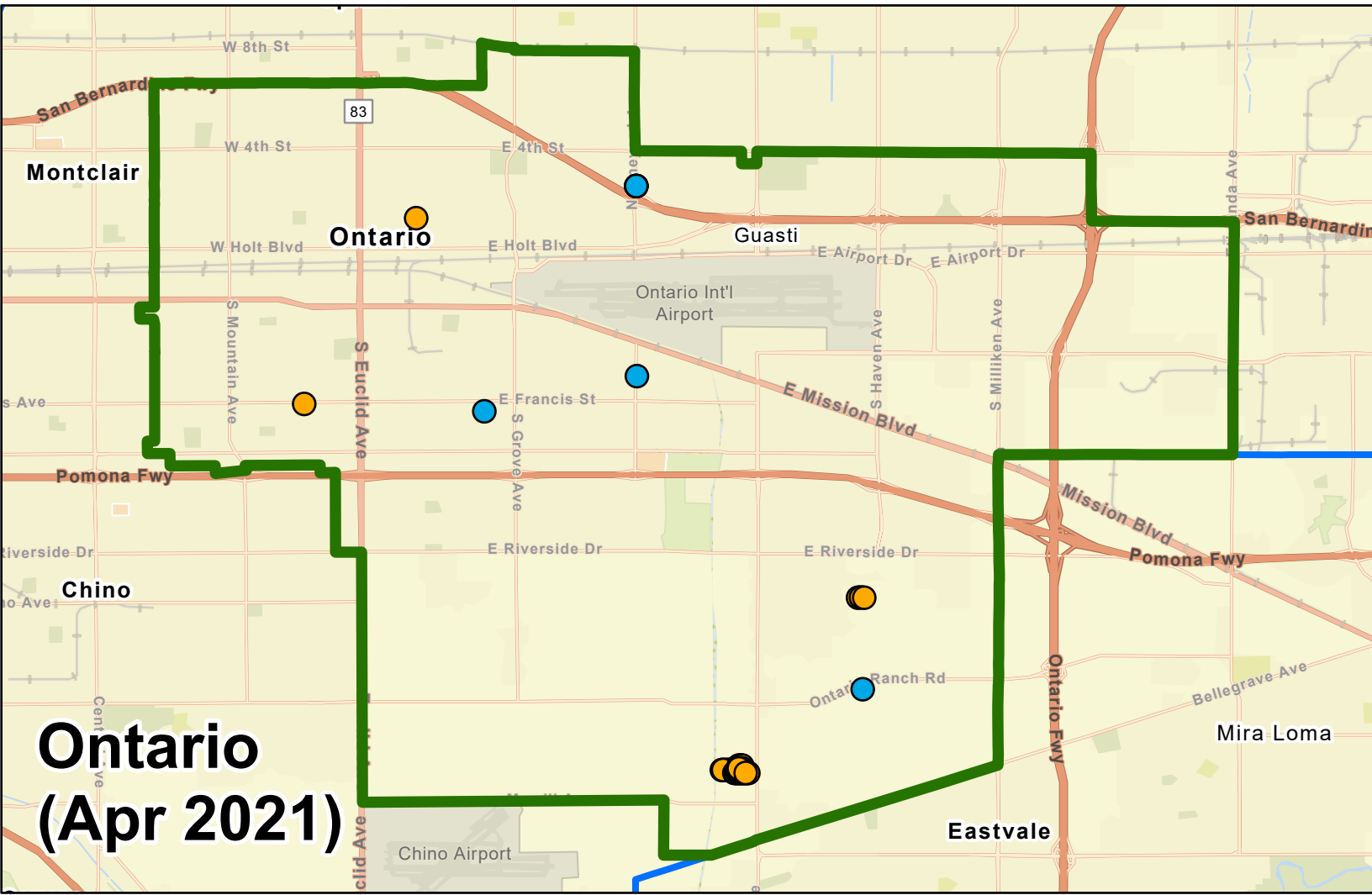
Chino Hills (Apr 2021)



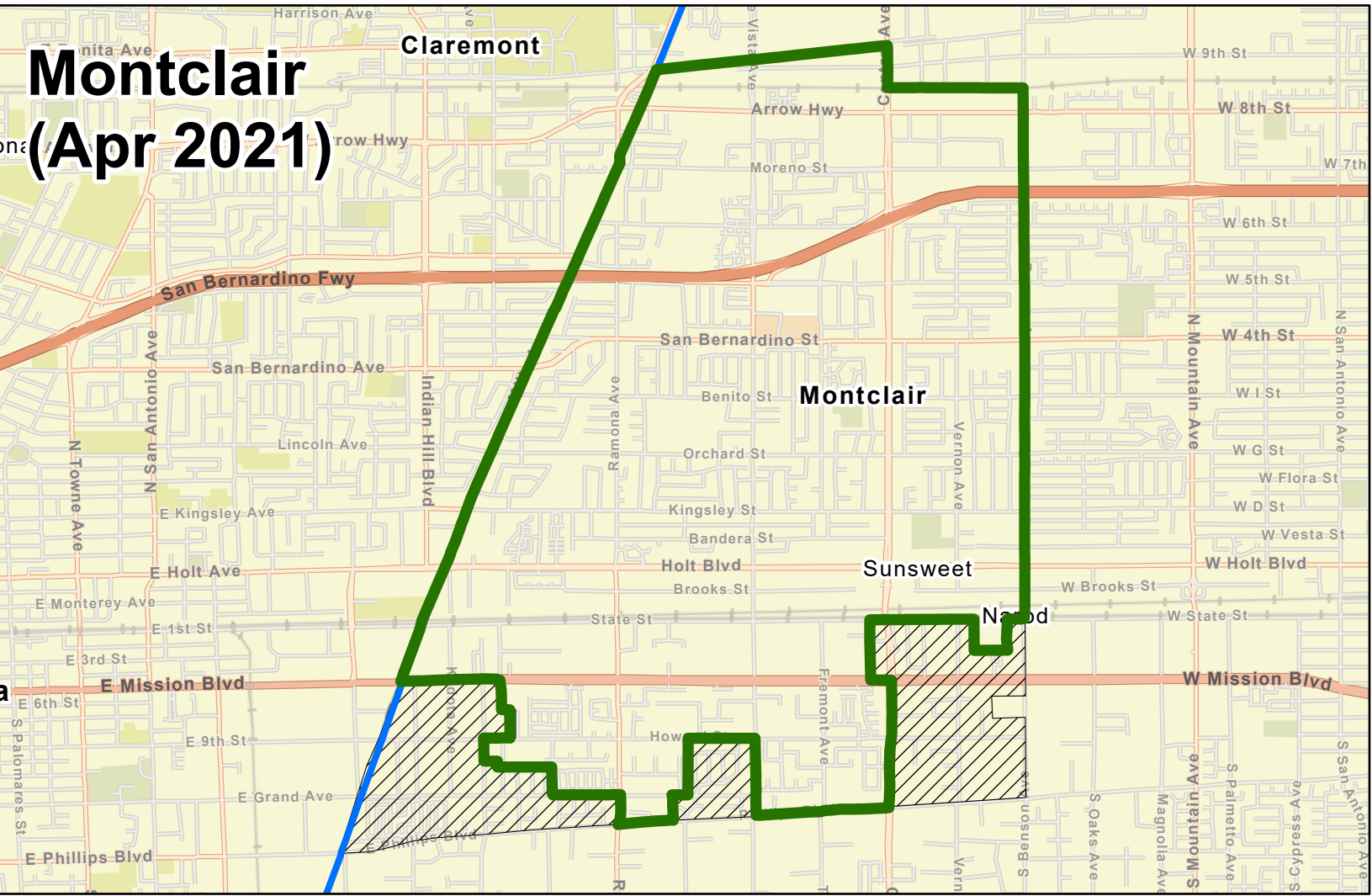
Chino (Apr 2021)



Ontario (Apr 2021)



Montclair (Apr 2021)



RECEIVE AND
FILE

3C

IEUA RECYCLED WATER DISTRIBUTION – MAY 2021

TOTAL ALL PLANTS

Influent: 49.1 MGD

Delivered: 31.4 MGD

Percent Delivered: 64%

Preliminary Deliveries

RW GWR: 13.4 MGD

RW Direct Use: 18.0 MGD

RP-4

Delivered: 8.1 MGD

RP-1

Delivered: 15.4 MGD

CCWRF

Delivered: 6.6 MGD

RP-5

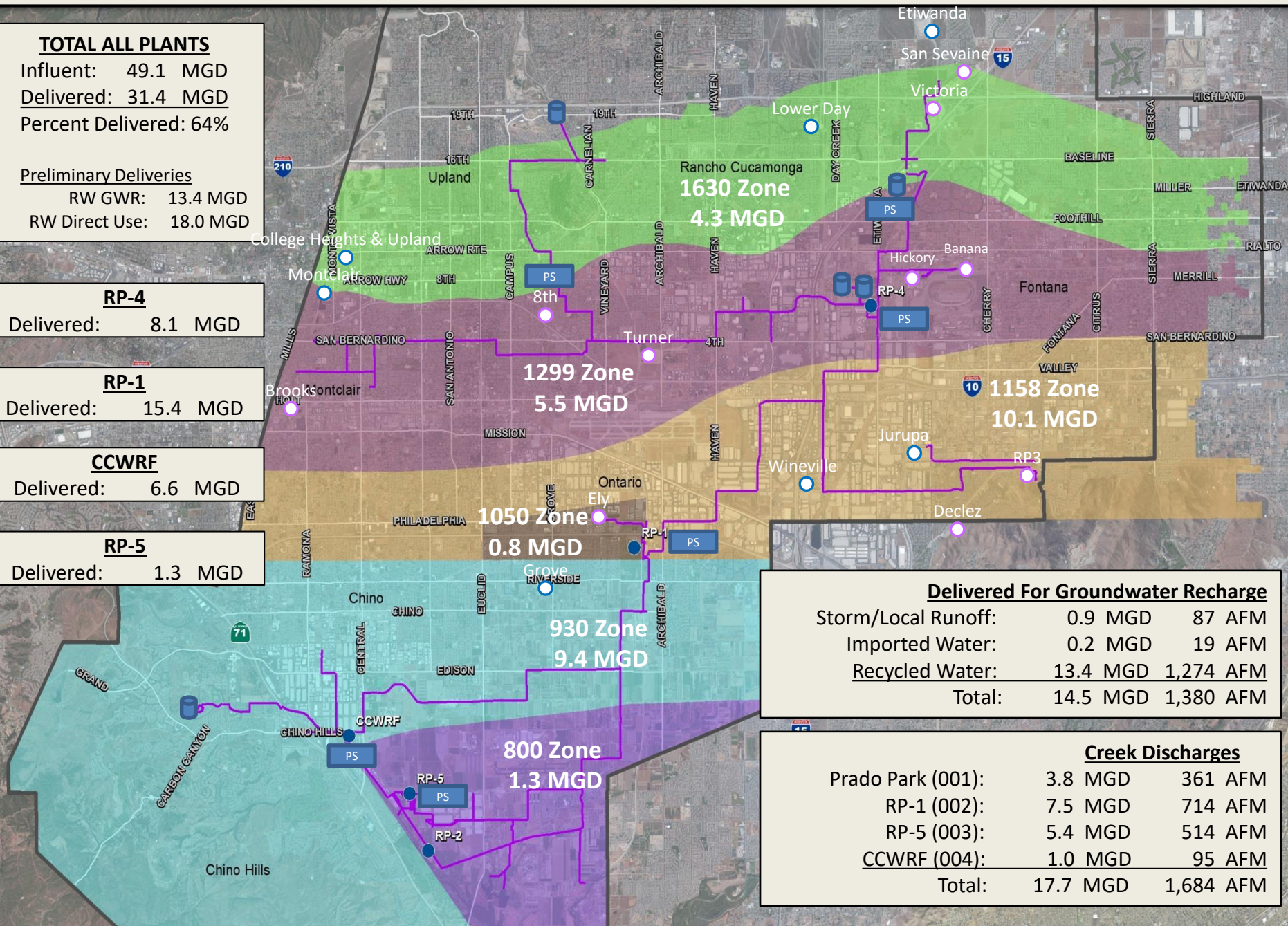
Delivered: 1.3 MGD

Delivered For Groundwater Recharge

Storm/Local Runoff:	0.9 MGD	87 AFM
Imported Water:	0.2 MGD	19 AFM
Recycled Water:	13.4 MGD	1,274 AFM
Total:	14.5 MGD	1,380 AFM

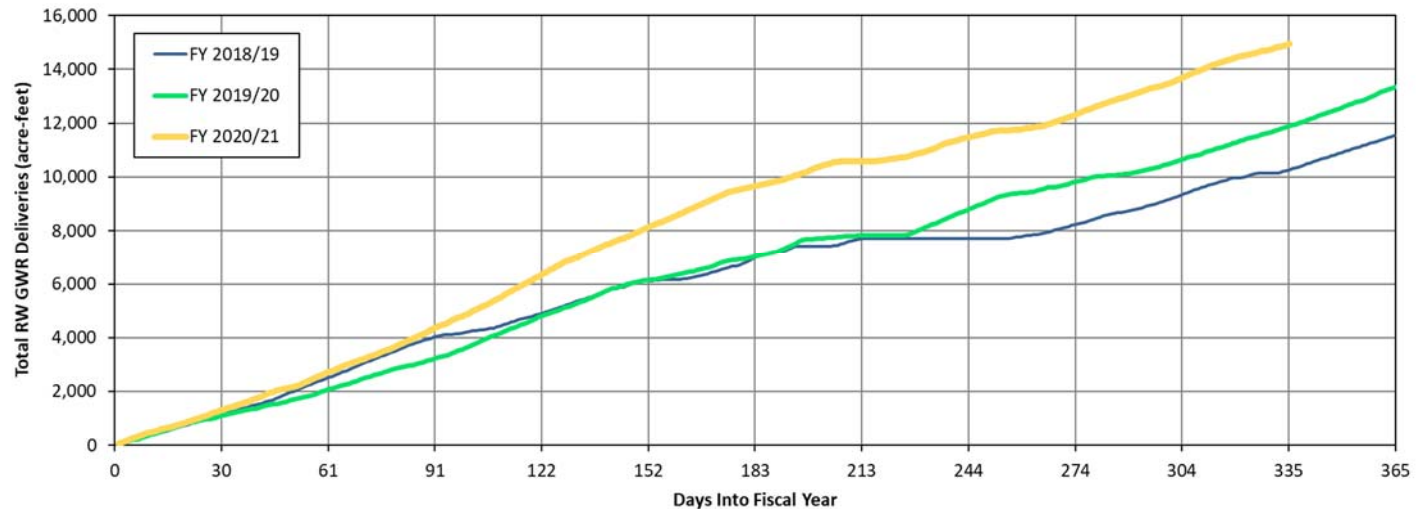
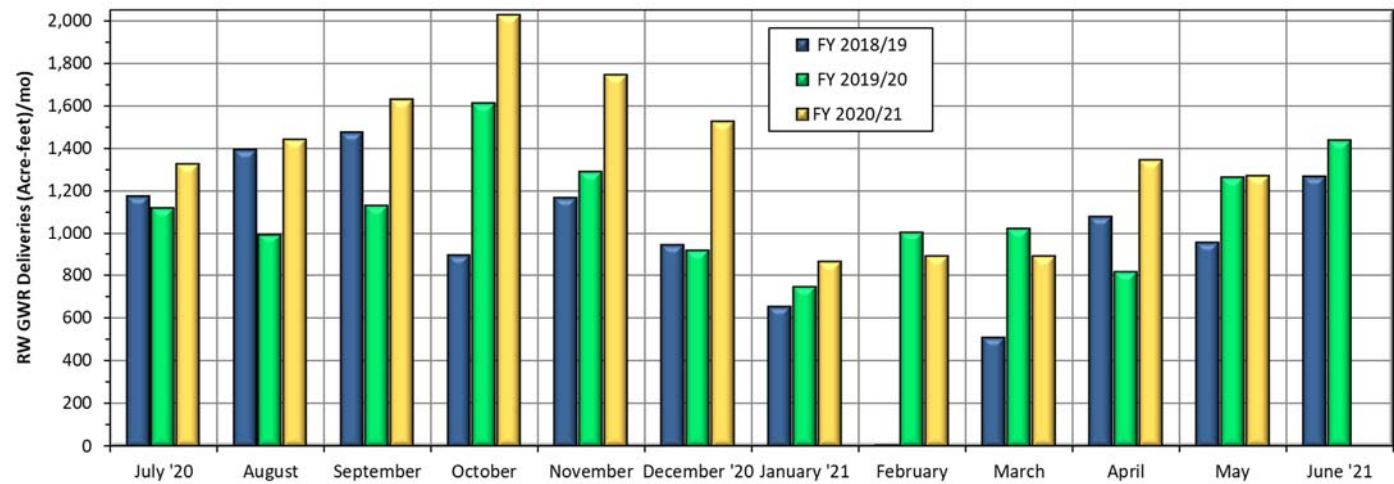
Creek Discharges

Prado Park (001):	3.8 MGD	361 AFM
RP-1 (002):	7.5 MGD	714 AFM
RP-5 (003):	5.4 MGD	514 AFM
CCWRF (004):	1.0 MGD	95 AFM
Total:	17.7 MGD	1,684 AFM



Recycled Water Recharge Deliveries - May 2021 (Acre-Feet)

Basin	5/1-5/8	5/9-5/15	5/16-5/22	5/23-5/31	Month Actual	FY To Date Actual	Deliveries are draft until reported as final and do not included evaporative losses.	
Ely	93.9	31.2	6.0	5.8	136.9	1041		
Banana	27.7	33.1	33.0	7.8	101.6	771		
Hickory	0.0	0.0	0.0	0.0	0.0	245		
Turner 1 & 2	0.0	0.0	0.0	0.0	0.0	572		
Turner 3 & 4	29.2	20.2	0.0	0.0	49.4			
8th Street	0.0	0.0	0.0	0.0	0.0	767		
Brooks	44.8	10.7	0.0	0.0	55.5	913		
RP3	113.7	119.4	132.3	155.3	520.7	6404		
Declez	43.7	25.6	28.4	55.0	152.7	808		
Victoria	0.0	0.0	0.0	0.0	0.0	1044		
San Sevaine	74.7	69.5	37.9	75.5	257.6	2378		
Total	353.0	240.2	199.7	223.9	1274.4	14,942	11,940	AF previous FY to day actual



TECHNICAL COMMITTEE ITEMS DISTRIBUTED

4A



Date: June 1, 2021

To: Regional Technical Committee

From: Inland Empire Utilities Agency *ASD*

Subject: Response to May 27, 2021 Technical Committee Questions Related to Budget (Item 1B)

REQUESTED INFORMATION

At the May 27, 2021 Regional Technical Committee meeting, Committee Member Espinoza requested a description of the preliminary design reports (PDRs) referenced in Appendix A7.

In Appendix A7: Ten Year Forecast Capital and Non-Capital Projects, there are 3 new projects listed related to PDR's:

- *ENXXX27, New Regional Project PDR's, \$250,000 annually (New projects associated with the Regional Wastewater Fund)*
- *ENXXX28, New Non-Reclaimable Wastewater (NRW) Project PDR's, \$50,000 annually (New projects associated with the Non-Reclaimable Waste "NRW" Fund)*
- *ENXXX29, New ~~NRW~~ Project PDR's, \$50,000 annually (The project title is an error and should be listed for Recycled Water and is for new projects associated with the Recycled Water Fund)*

These projects came at the request of IEUA's Engineering Department to expedite and improve the project creation process for repair and rehabilitation (R&R) type projects; and therefore, specific projects are not defined. As Operations and Maintenance requests new R&R projects, these funds will be used to hire consulting engineers to prepare preliminary design reports (PDR's). An example of a regional project is the Montclair Force Main project in the current fiscal year which requires preliminary research before a final project scope, schedule and budget can be prepared. The Non-Reclaimable Wastewater line mainly contains the brines from industrial and groundwater treatment systems. An example project was an odor control issue in the current fiscal year that was investigated, and a capital project was created to resolve the issue.

Each PDR will perform a detailed alternative analysis, which will allow IEUA to select the most effective solution for the project. From this effort, IEUA will better define the project scope, budget, and schedule to be used during the annual budget preparation and creation of the Ten-Year Capital Improvement Plan before it is presented to the Regional Committees and IEUA Board for approval.

Committee Member Espinoza also requested a description of why solar and solar generation are listed on the same table and how these are considered.

PL17002 - HQ Solar Photovoltaic Power Plants Ph. 2

In FY 2016/2017, IEUA staff conducted an evaluation of the installation of Solar Photovoltaic (PV) Systems at the Headquarters (HQ) Building Rooftop and Parking Lot Carports. At that time, since the RP-5/HQ energy production was able to meet the facility demand during few hours of the day, additional solar would have resulted in exporting electricity to the grid; therefore, the project was not implemented because it was not cost effective. IEUA staff periodically update feasibility studies, consistent with the Energy Management Plan, to consider changes in the energy market, available funding and incentives, and the facility's electrical load. The HQ Solar Photovoltaic Power Plants Ph. 2 will be reevaluated in FY 2023/2024 and it may be implemented only if cost effective.

PL19001 - Purchase Existing Solar Installation

This project is about the potential purchase of the existing Solar Photovoltaic (PV) Systems at RP-1, RP-5, and CCWRF (2.5 MW combined) currently owned by a third party.

In 2008 IEUA entered into a Power Purchase Agreement (PPA) with a private entity. The PPA provides IEUA the option to purchase, every five years, the PV Systems at the Fair Market Value. Subsequent to an evaluation of the conditions of the existing PV system, IEUA staff may engage in negotiations with the project owner in FY 2023/2024. If cost effective, and if an agreement is reached with the project owner, IEUA will consider the option to purchase the PV system with the purpose of reducing its operating costs.

TECHNICAL COMMITTEE ITEMS DISTRIBUTED

4B



Date: June 14, 2021

To: Regional Policy Committee

From: Inland Empire Utilities Agency *SSD*

Subject: Response to June 3, 2021 Policy Committee Questions Related to Budget (Item 2B)

REQUESTED INFORMATION

At the June 3, 2021 Regional Policy Committee meeting, Committee Member Ulloa requested an overview of the Agency's plan for decommissioning and demolition of the Regional Plant 2 (RP-2) site.

Background

The RP-2 solids treatment facility in Chino is located on land leased from the US Army Corps of Engineers (USACE). The lease is due to expire in 2035. The RP-2 site is also located within the recently redefined flood zone behind Prado Dam. Orange County Flood Control District and the USACE have plans to raise the maximum operational water level behind the dam to allow for greater water storage and conservation. This project is slated for completion by 2024. Since the RP-2 does not have physical flood protection, IEUA needs to relocate the solids treatment from RP-2 to RP-5.

Construction of the solids treatment facilities at RP-5 is currently underway as part of the RP-5 Expansion project and targeted for completion in early 2024. Soon after the successful startup of the RP-5 Solids Treatment Facility, RP-2 will be decommissioned and mothballed in preparation for the future demolition of the facility.

Demolition of RP-2

There are no projects planned for the RP-2 site in the next ten years; and therefore, no projects are included in the adopted 2022-2030 Ten Year Capital Improvement Plan. Beyond ten years, there will be a major project to fully demolish the facility and return the site to a natural habitat prior to the end of the lease period in 2035.

As part of the RP-5 Expansion Preliminary Design Report (PDR), a Phase I Environmental Site Assessment (ESA) of RP-2 was completed. The ESA identified 14 potential Recognized Environmental Conditions (REC's), mostly related to chemical containment tanks used for the treatment process. A Phase II ESA is required to perform laboratory testing of soils to determine if and to what level remediation is necessary. By regulation, Phase II ESA's must be completed

within 12 months of the remediation process; and therefore, the Phase II ESA will be completed at a later date. In addition, coordination with the USACE is required to quantify the amount of restoration required to return the site to its natural habitat as is required in the sites lease agreement. Due to theses current unknown conditions for the project, the current estimate for the demolition of RP-2 ranges from \$10M to \$43M (in current dollars). Coordination with the Army Corps of Engineers will begin upon the completion of the decommissioning and mothballing of RP-2 in 2025, the Phase II ESA will be completed in the early 2030's, and the full demolition of the facility will be completed by 2034.

TECHNICAL COMMITTEE ITEMS DISTRIBUTED

4C



Date: June 17, 2021

To: Regional Committees

From: Inland Empire Utilities Agency *SSD*

Subject: Request for IEUA Active Grants and Loan Agreements (REVISED)

REQUESTED INFORMATION

At the June 3, 2021 Regional Policy Committee meeting, Committee Member Dorst-Porada requested that a list of grants and finance assistance currently underway be provided to the Technical and Policy Committee Members.

Attached is a list of active grants and loan agreements that IEUA is currently involved with.

Wastewater Projects

Grantor		Grant/Loan	Project	Amount	Executed/In Negotiation	Grant/Loan Cost Share
1	California Alternative Energy and Advanced Transportation Financing Authority (CAEATFA)	Grant	RP-5 Expansion; Sales and Use Tax Exclusion Program	\$6,000,000	Executed	-
2	CalRecycle	Grant	Basin Clean-up of Illegally Disposed Materials	\$397,639	Executed	-
3	Metropolitan Water District of Southern California (MWD)	Grant	Montclair Basin Improvements	\$987,000	In Negotiation	<u>Grant Sharing</u> IEUA: 68% (will reduce CBWM loan by 29%) Chino Basin Water Conservation District: 32% <u>Project Cost Sharing</u> Chino Basin Watermaster (CBWM): 100% of post-grant costs
4	Santa Ana Watershed Project Authority (SAWPA)/ California Department of Water Resources (DWR)	Grant	Lower Day Basin Improvement	\$750,000	Executed	<u>Loan Reduction Amount</u> CBWM: 19% <u>Project Cost Sharing</u> CBWM: 100% of post-grant costs
5	State Water Resources Control Board (SWRCB)	Grant	Stormwater Grant: Wineville Basin, Jurupa Basin, RP-3 Basin Improvements, and Pumping and Conveyance System Project	\$9,803,381	Executed	<u>Loan Reduction Amount</u> IEUA: 1% CBWM: 42% <u>Project Cost Sharing</u> IEUA: 5% of post-grant costs CBWM: 95% of post-grant costs
6	SWRCB	Grant	Groundwater Quality Grant: Chino Basin Improvement and Groundwater Clean-up Project	\$12,093,249	Executed	-
7	SWRCB	Grant	South Archibald Plume Project O&M	\$1,000,069	In Negotiation	<u>Grant Sharing</u> IEUA: 8% (grant administration costs only) Chino Basin Desalter Authority (CDA): 92% <u>Project Cost Sharing</u> CDA: 100% of costs
8	SWRCB	Loan	Napa Lateral	\$6,050,000	Executed	-
9	SWRCB	Loan	San Sevaine Basin Improvement	\$6,460,000	Executed	<u>Project Cost and Loan Sharing</u> IEUA: 50% of post-grant costs CBWM: 50% of post-grant costs
10	SWRCB	Loan	Baseline Extension Project (Village of Heritage)	\$6,694,013	Executed	-

11	SWRCB	Loan	RP-1-1158 Recycled Water Pump Station Upgrades	\$6,693,000	Executed	-
12	SWRCB	Loan	RP-5 Recycled Water Pipeline Bottleneck	\$3,137,169	Executed	-
13	SWRCB	Loan	RP-1 Disinfection Improvements Project	\$8,460,000	In Negotiation	-
14	SWRCB	Loan	RP-5 Expansion Project	\$101,500,000	In Negotiation	-
15	SWRCB	Loan	Carbon Canyon Improvement Project	\$18,000,000	In Negotiation	-
16	SWRCB	Loan	Recharge Master Plan Update (RMPU) Construction - Wineville, Jurupa RP-3	\$11,742,000	In Negotiation	Project Cost and Loan Sharing IEUA: 5% of post-grant costs CBWM: 95% of post-grant costs
17	SWRCB	Loan	RMPU Construction- Lower Day	\$2,883,000	In Negotiation	Project Cost and Loan Sharing CBWM: 100%
18	SWRCB	Loan	RMPU Construction- Montclair	\$1,422,000	In Negotiation	Project Cost and Loan Sharing CBWM: 100%
19	United States Environmental Protection Agency (USEPA)	Loan	RP-5 Expansion Project	\$196,436,445	Executed	-
20	USEPA	Loan	Regional Wastewater System Improvements	\$94,200,000	In Negotiation	-
21	United States Bureau of Reclamation (USBR)	Grant	San Sevaine and Lower Day Groundwater Recharge for Stormwater Capture	\$750,000	Executed	Loan Reduction Amount IEUA: 6% CBWM: 8% San Sevaine Project Cost Sharing IEUA: 50% of post-grant costs CBWM: 50% of post-grant costs Lower Day Project Cost Sharing CBWM: 100% of post-grant costs
22	USBR	Grant	RP-3 Basin Improvement Project	\$290,000	Executed	Loan Reduction Amount IEUA: 20% CBWM: 20% Project Cost Sharing IEUA: 50% of post-grant costs CBWM: 50% of post-grant costs
23	USBR	Grant	Wineville and Jurupa Basins Pumping and Conveyance System Project	\$750,000	Executed	Loan Reduction Amount CBWM: 3% Project Cost Sharing CBWM: 100% of post-grant costs
TOTAL				\$496,498,965		

Notes

1) MWD grant is a collaborative effort with the Chino Basin Water Conservation District and includes two projects that will be implemented in the Montclair Basin. The project cost share amount shown is for IEUA's grant-funded project that is included in the RMPU program.

2) RMPU project cost sharing varies from project to project. Based on the Master Recharge Facilities Financing Agreement between IEUA and the CBWM, IEUA administers and receives all grant funding, as IEUA also manages the project implementation. The grant funding is used to reduce the project cost obligations accordingly. For example, if a \$1 million grant is received for a \$4 million project that is cost shared evenly (50/50) between the IEUA and CBWM, IEUA will receive all grant funds, but the remaining cost obligations will be \$1.5 million for both IEUA and CBWM.

Water Projects

Grantor		Grant/Loan	Project	Amount	Executed/In Negotiation	Grant/Loan Cost Share
1	SAWPA	Grant	Santa Ana River Conservation and Conjunctive Use Program (SARCCUP)	\$367,968	Executed	-
2	USBR	Grant	Groundwater Supply Wells and Raw Water Pipeline	\$5,629,652	Executed	-
3	USBR	Grant	Chino Basin Water Bank Strategic Plan	\$400,000	Executed	Grant and Project Cost Sharing IEUA: 25% Ontario: 25% CVWD: 25% MVWD: 25%
4	USBR	Grant	Local Water Supply Restoration Granular Activated Carbon Treatment Facility	\$750,000	Executed	Grant and Project Cost Sharing CDA: 100%
5	Federal Emergency Management Agency (FEMA)	Grant	IEUA Cost for COVID-19 Response Efforts	\$425,795	In Negotiation	-
TOTAL				\$7,573,415		