



## **Regional Sewerage Program Technical Committee Meeting**

**AGENDA**  
**Thursday, June 30, 2022**  
**2:00 p.m.**  
**Teleconference Call**

In an effort to prevent the spread of COVID-19, the Regional Sewerage Program Technical 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](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 the number provided above. Comments may also be submitted by email to the Recording Secretary Sally Lee at [shlee@ieua.org](mailto:shlee@ieua.org) prior to the completion of the Public Comment section of the meeting. Comments will be distributed to the Committee Members.

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**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 May 26, 2022 Technical Committee Meeting Minutes
- B. 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

### 2. Informational Items

- A. Recycled Water 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. Notice of Availability of Recycled Water as Groundwater Recharge (FY 21-22)

### 5. Other Business

- A. Committee Member Requested Agenda Items for Next Meeting
- B. Committee Member Comments
- C. Next Regular Meeting – July 28, 2022

## Adjourn

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 Lee, 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.

## Regional Sewerage Program Technical Committee Meeting Agenda

June 30, 2022

Page 3 of 3

**In compliance with the Americans with Disabilities Act, if you need special assistance to participate in this meeting, please contact Sally Lee at (909) 993-1926 or [shlee@ieua.org](mailto:shlee@ieua.org) 48 hours prior to the scheduled meeting so that IEUA can make reasonable arrangements to ensure accessibility.**

**ACTION  
ITEM**

**1A**





## **Regional Sewerage Program Technical Committee Meeting MINUTES OF MAY 26, 2022**

### **CALL TO ORDER**

A regular meeting of the IEUA/Regional Sewerage Program – Technical Committee was held via teleconference on Thursday, May 26, 2022. Committee Chair Nicole deMoet/City of Upland called the meeting to order at 2:04 p.m. Recording Secretary Sally Lee took roll call and established a quorum was present.

### **ATTENDANCE via Teleconference**

#### **COMMITTEE MEMBERS PRESENT:**

Dave Crosley	City of Chino
Amanda Coker	Cucamonga Valley Water District (CVWD)
Armando Martinez	City of Fontana
Steve Stanton	City of Montclair
Courtney Jones	City of Ontario
Nicole deMoet	City of Upland
Christiana Daisy	Inland Empire Utilities Agency (IEUA)

#### **COMMITTEE MEMBERS ABSENT:**

Ron Craig	City of Chino Hills
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#### **OTHERS PRESENT:**

Christopher Quach	City of Ontario
Alexis Mascarinas	City of Ontario
Braden Yu	City of Upland
Bob Jones	Unknown
Jerry Burke	IEUA
Pietro Cambiaso	IEUA
Javier Chagoyen-Lazaro	IEUA
Elizabeth Hurst	IEUA
Randy Lee	IEUA
Sally Lee	IEUA
Scott Lening	IEUA
Alex Lopez	IEUA
Jason Marseilles	IEUA
William McDonnell	IEUA

**OTHERS PRESENT (continued):**

Liza Muñoz	IEUA
Cathleen Pieroni	IEUA
Jeanina Romero	IEUA
Ken Tam	IEUA

**PUBLIC COMMENTS**

There were no public comments.

**ADDITIONS/CHANGES TO THE AGENDA**

There were no additions/changes to the agenda.

**1. ACTION ITEMS****A. APPROVAL OF APRIL 28, 2022 TECHNICAL COMMITTEE MEETING MINUTES**

**Motion:** By Amanda Coker/CVWD and seconded by Dave Crosley/City of Chino to approve the meeting minutes of the April 28, 2022, Regional Technical Committee meeting by the following vote:

Ayes: Coker, Crosley, Daisy, Martinez, Stanton, deMoet  
 Noes: None  
 Absent: Craig  
 Abstain: Jones

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

**B. FY 2022/23 PROPOSED BUDGET AMENDMENT FOR THE REGIONAL WASTEWATER PROGRAMS**

Javier Chagoyen-Lazaro/IEUA provided an overview of the Fiscal Year (FY) 2022/23 Proposed Budget Amendment for the Regional Wastewater Programs.

**Motion:** By Dave Crosley/City of Chino and seconded by Nicole deMoet/City of Upland to recommend the IEUA Board of Directors approve the proposed FY 2022/23 Budget Amendment for the Agency's Regional Wastewater Capital Improvement and Regional Wastewater Operations and Maintenance funds by the following vote:

Ayes: Crosley, deMoet, Coker, Daisy, Jones, Martinez, Stanton  
 Noes: None  
 Absent: Craig

The motion passed by a vote of 7 ayes, 0 noes, 0 abstain, and 1 absent.

**C. FY 2022/23 – 2031/32 TEN-YEAR FORECAST**

William McDonnell/IEUA provided an overview of FY 2022/23 – 2031/32 Ten-Year Forecast. Discussion ensued regarding funding for the planned advanced water treatment projects.

**Motion:** By Amanda Coker/CVWD and seconded by Dave Crosley/City of Chino to approve the FY 2022/23 – 2031/32 Ten-Year Forecast by the following vote:

Ayes: Coker, Crosley, Daisy, Jones, Martinez, Stanton, deMoet  
Noes: None  
Absent: Craig  
Abstain: None

The motion passed by a vote of 7 ayes, 0 noes, 0 abstain, and 1 absent.

## **2. INFORMATIONAL ITEMS**

### **A. ROTATION OF CHAIR FOR MONTHLY REGIONAL SEWERAGE PROGRAM COMMITTEE MEETINGS**

Chair deMoet stated that the City of Upland's two-year term of chairmanship of the Technical Committee meeting will end at the beginning of July 2022 and Cucamonga Valley Water District will serve as Chair for the meetings starting July 2022 and the City of Chino Hills will serve as the alternate Chair.

Christiana Daisy/IEUA presented Chair deMoet with a Certificate of Recognition for her dedication and service to the Regional Sewerage Program Technical Committee.

Ms. Coker/CVWD also acknowledged Chair deMoet for her leadership of the Committee.

### **B. RETURN TO SEWER STUDY UPDATES**

Ken Tam/IEUA stated that at the second technical subgroup meeting, the study consultant Data Collaborative shared results and the technical memorandum no. 2. They shared the completed analysis of the residential flows using data from the City of Ontario, Chino, and CVWD. Mr. Tam shared significant results and the next steps for the project. Mr. Tam also shared that a meeting is scheduled with the California Association of Sanitation Agencies' technical staff members to discuss the postponement of commercial monitoring by the California Association of Sanitation Agencies (CASA) Steering Committee until 2023.

### **C. OPERATIONS & COMPLIANCE UPDATES**

Mr. Tam reported that there was a slug with high pH levels at the Carbon Canyon plant that morning. The Agency's pretreatment staff, and the City of Chino's source control department are working together to investigate the source. The Agency's pretreatment staff was already planning on continuing pH monitoring within the Carbon Canyon tributary area.

## **3. RECEIVE AND FILE**

### **A. DRAFT REGIONAL SEWERAGE PROGRAM POLICY COMMITTEE MEETING AGENDA**

### **B. BUILDING ACTIVITY REPORT**

### **C. RECYCLED WATER DISTRIBUTION – OPERATIONS SUMMARY**

Items 3A through 3C were received and filed by the Committee.

**4. OTHER BUSINESS**

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

There were no requested agenda items.

**B. COMMITTEE MEMBER COMMENTS**

There were no Committee Member comments.

**C. NEXT MEETING – JUNE 30, 2022**

**ADJOURNMENT** – Chair deMoet adjourned the meeting at 2:32 p.m.

Prepared by:

\_\_\_\_\_  
Sally Lee, Recording Secretary

DRAFT

**ACTION  
ITEM**

**1B**

Date: June 30, 2022

To: Regional Technical Committee

From: Inland Empire Utilities Agency

Subject: 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

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### **RECOMMENDATION**

It is recommended that the Regional Technical Committee approve the request by the city of Chino for one new connection point to the Western Interceptor Relief Sewer (Chino Regional Sewer (Connection C-03D)).

### **BACKGROUND**

On June 10, 2022, Inland Empire Utilities Agency (IEUA) received a request from the City of Chino (Attachment A) for the approval of a new Regional Connection to the Western Interceptor Sewer Relief, at approximate Station 108+15, through a new manhole located at the intersection of Ramona Avenue and Schaefer Avenue. The proposed connection will divert sewage flows from approximately 80 acres from the existing 240-acre C-03C tributary area. The existing C-03C connection was constructed in 2003 and is located at the intersection of Eucalyptus Avenue and Monte Vista Avenue. The requested C-03D connection will minimize capacity issues downstream in the City's system which cannot be mitigated with a larger pipe due to utility conflicts. Attachment B summarizes what is proposed.

### **SUMMARY OF FLOW RATES UTILIZED FOR C-03D AND REVISED C-03C:**

#### **Proposed Chino Regional Connection C-03D:**

Average Flow Rate (ADF) = 0.97 MGD (673.61 gpm)

Peak Dry Weather Flow (PDWF) Rate IEUA Formula = 1.85MGD (1,282.98 gpm)

Peak Wet Weather Flow (PWWF) Rate IEUA Formula = 2.43 MGD (1,688.65 gpm)

#### **Revised Regional Connection (Existing) C-03C:**

ADF = 1.8 MGD (1,250.00 gpm)

Peak Dry Weather Flow (PDWF) Rate IEUA Formula = 3.26 (2,265.91 gpm)

Peak Wet Weather Flow (PWWF) Rate IEUA Formula = 4.27 MGD (2,963.98 gpm)

The 33-inch Western Interceptor Relief Sewer is designed to deliver a maximum flow rate of 54 MGD to the Carbon Canyon Water Recycling Facility. The proposed additional flow results in an average flow rate of 13.54 MGD, leaving a remaining pipeline capacity of 40.46 MGD. The (d/D) ratio will range from 0.34 to 0.45 between C-03D and C-03C. This hydraulic analysis indicates that the proposed connection will not create a capacity deficiency within the Western Interceptor Relief Sewer.



## **ATTACHMENT “A”**

June 10, 2022, City of Chino Regional Interceptor Request

EUNICE M. ULLOA

Mayor

MARC LUCIO



## CITY of CHINO

KAREN C. COMSTOCK  
CHRISTOPHER FLORES  
WALT POCOCK

Council Members

ANTHONY ARROYO

Interim City Manager

June 10, 2022

Mr. Matthew Poeske  
Senior Engineer  
Inland Empire Utility Agency  
6075 Kimball Avenue  
Chino, CA 91710

Subject: Request for New Sewer Connection to the 33-inch Ramona Avenue Trunk Sewer (West Side Interceptor Relief Sewer)

Dear Mr. Poeske,

The City of Chino is hereby requesting a new Regional Point of Connection to the West Side Interceptor Relief Sewer (33-inch trunk sewer) located at the intersection of Ramona Avenue and Schaefer Avenue. This **proposed** connection (shown on **Attachment 5**) will be designated as **Outfall #C03D**. At this location, the City is proposing to connect a new 12-inch VCP sewer to the existing 33-inch VCP trunk sewer on the west side of Ramona Ave. The proposed 12-inch sewer will be installed underneath the existing 10-inch City sewer main in Ramona Avenue and will discharge into the upper portion of the 33-inch trunk sewer. Per Sheet 10 of IEUA Record Drawing **#D4587**, the proposed connection point will be located about **10 feet south** of the **existing manhole** at Station 108+25 on Profile (Station 62+45 on Plan). This connection point is needed due to the infeasibility of the planned connection point in Eucalyptus Avenue.

According to **Sheet 3** of IEUA Record Drawing **#D4638**, the existing connection point for the local tributary area shown in **Exhibits A & C** of **Attachment #1** is located in Eucalyptus Avenue, just west of Monte Vista Avenue. This existing connection point is designated as **Outfall #C03C** per **Attachment #3**. The IEUA trunk sewer at this connection point is 33-inch VCP. The estimated ultimate (future) average daily flow at the connection point in Eucalyptus Avenue is **2.8 MGD**. This flow was calculated based on the City's 1993 Sewer Master Plan and a recent 2020 Sewer Study (see **Attachment #1**) for this project. The **differential** flow to the existing **#C03C** connection (after the proposed **#C03D** connection) would be **1.8 MGD**. The differential is shown in **red** in **Exhibits A & C** of **Attachment 1**.

The City subsequently conducted flow monitoring at several key points in the alignment of the existing/proposed sewer. The flow monitoring results, shown in **Exhibit E** of **Attachment #1**, indicate that actual flows are less than the estimated (calculated) flows. Nevertheless, since the measured flow is variable, the City intends to proceed with this project to alleviate capacity issues upstream of the connection point in Eucalyptus Avenue.

The City completed design of this project (including limited utility potholing) in December, 2021 and the project was bid in January, 2022. The project is currently in construction, and the Contractor (MNR Construction) conducted potholing of all utilities within the proposed alignment of the sewer. The results of the potholing indicate that the planned alignment is not feasible due to multiple crossing utilities within a few inches or less of the existing sewer. Since the existing sewer will be upsized from 10-inch to 15-inch, the proposed alignment will conflict with these utilities. In particular, there are a handful of conduit





duct banks (concrete encased) in direct conflict with a proposed extension of the existing sewer (i.e. new alignment) at the intersection of Yorba Avenue and Edison Avenue.

The **proposed #C03D** connection to the existing 33-inch trunk sewer in Ramona Avenue and Schaefer Avenue will divert a portion of the overall flows which would otherwise be discharged further downstream (into the existing **#C03C** connection). This is shown in **blue** in **Exhibits A & C** of **Attachment 1**. No new flows will be added to the Westside Interceptor system. Only a split of where the flows will be diverted is being proposed. The **estimated average daily flows at the proposed #C03D connection point** is **0.97 MGD** (or **0.52 MGD** based on the measured flows shown in **Exhibit E**). The remaining flows collected within the local sewer tributary area will discharge into the existing **#C03C** connection in Eucalyptus Avenue (same as existing conditions).

Based on **Sheets 6 to 10** of IEUA Record Drawing **#D4587**, there do not appear to be any connection points to the West Side Interceptor Relief Sewer system upstream of the existing **#C03C** connection in Eucalyptus Avenue. Therefore, by adding a proposed **#C03D** connection and splitting the flows at Schaefer Avenue, this project will not change the overall flow characteristics of IEUA's West Side Interceptor Relief Sewer system.

In summary, the proposed connection point to the existing 33-inch VCP trunk sewer in Ramona Avenue (West Side Interceptor Relief Sewer) is needed due to constructability issues with existing crossing utilities. Since the proposed connection will only result in a split of where the flows will be diverted, and will not add any new flows into IEUA's West Side Interceptor Relief Sewer system, the City requests that permission be granted from IEUA to construct a connection at the intersection of Ramona Avenue and Schaefer Avenue.

We request that IEUA review this letter and the following attachments:

- Attachment 1: Exhibits A to E of Sewer Area Study (Exhibits A and C are Modified for this Letter)
- Attachment 2: Area Sewers & Invert Elevations
- Attachment 3: City of Chino Outfalls to IEUA
- Attachment 4: Proposed Schaefer Avenue Sewer Alignment
- Attachment 5: Proposed Connection to IEUA West Side Interceptor

We request that tentative approval be provided to the City as soon as possible.

Should you have any questions on this matter, please contact Natalie Avila at (909) 334-3406.

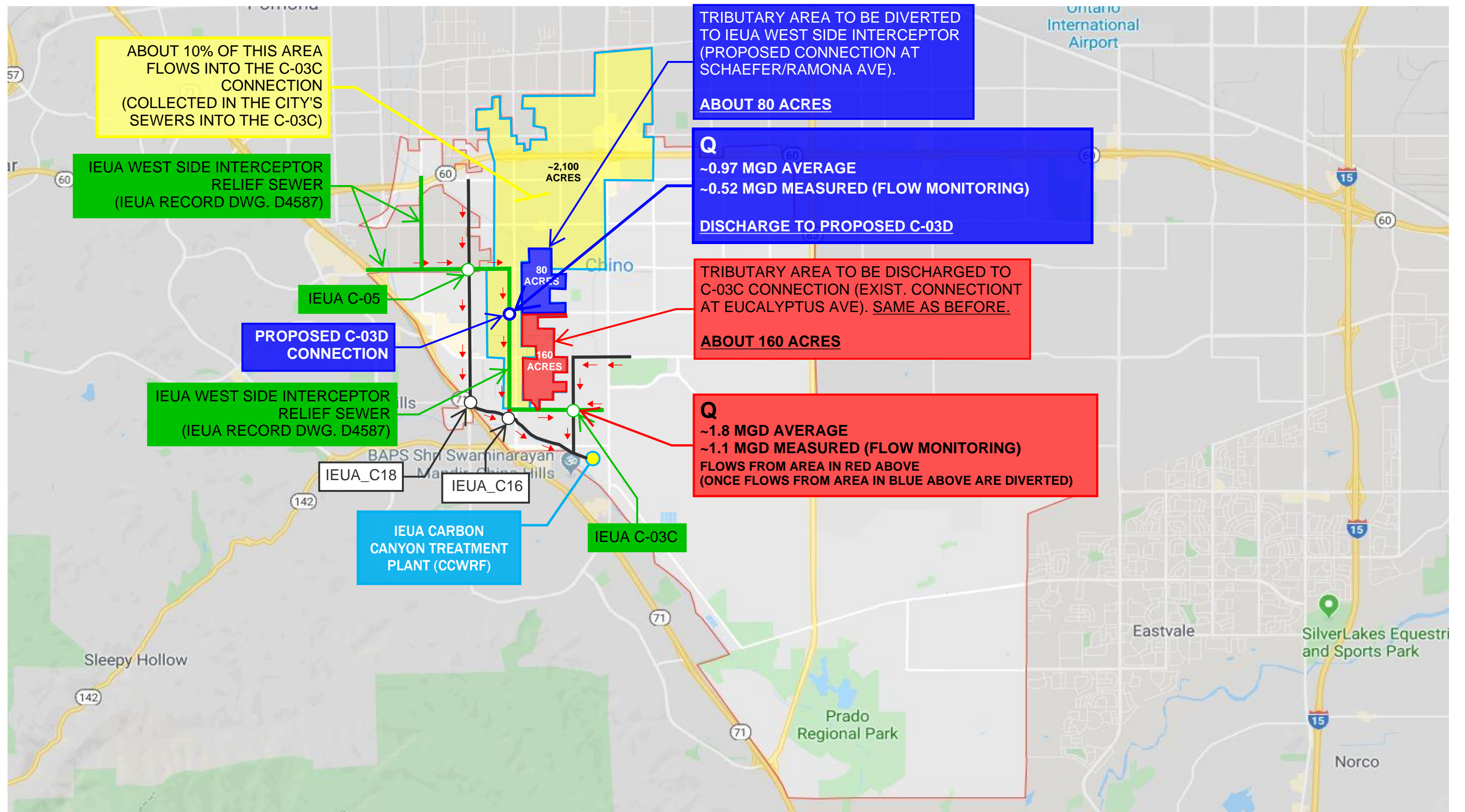
Sincerely,



Phillip West, P.E., QSD/QSP  
Design Consultant for  
City of Chino  
Public Works Department  
13220 Central Avenue  
Chino CA 91710  
[philw@westaeng.com](mailto:philw@westaeng.com)

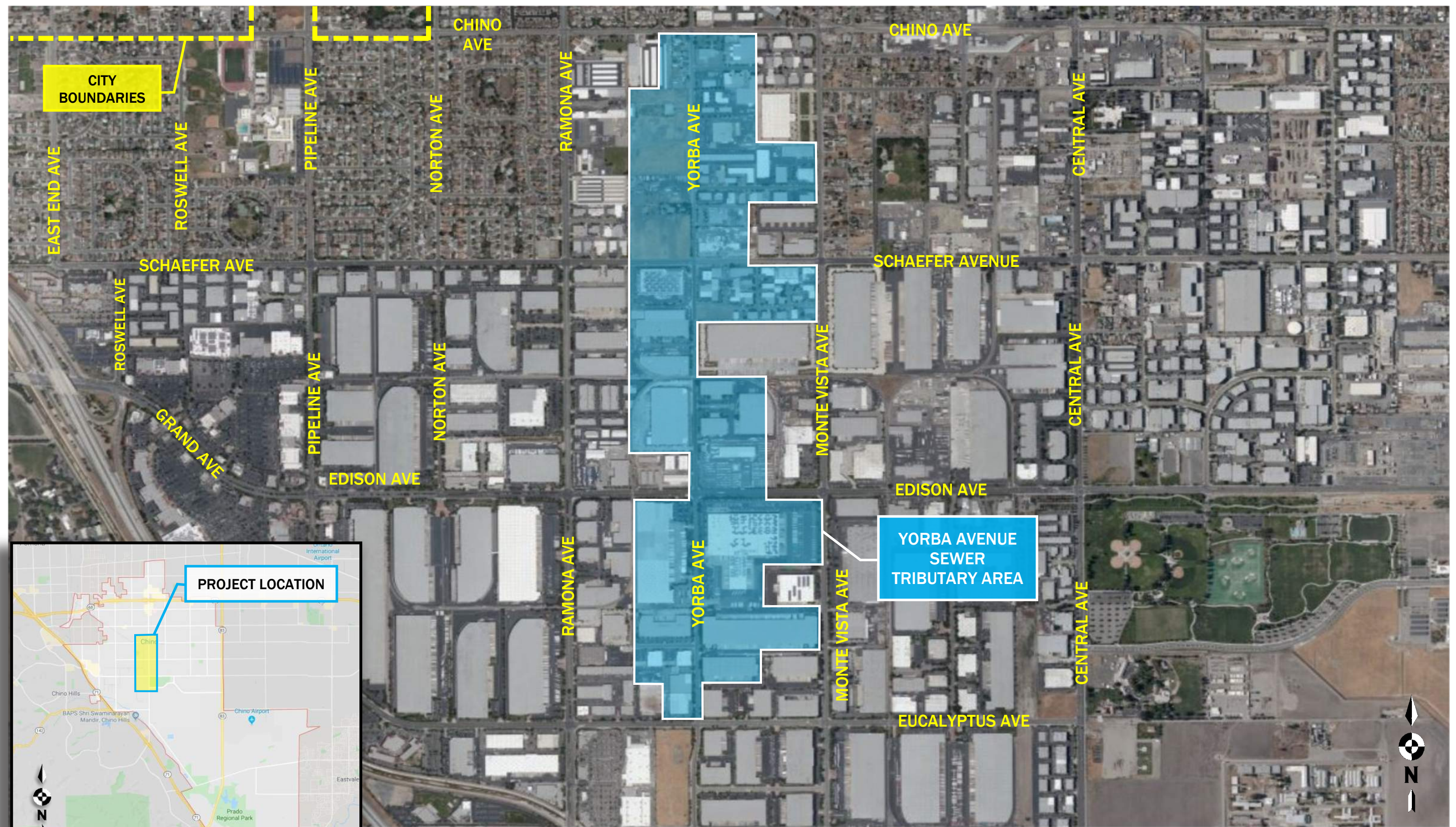


**Attachment 1**  
Exhibits A to E of Sewer Area Study



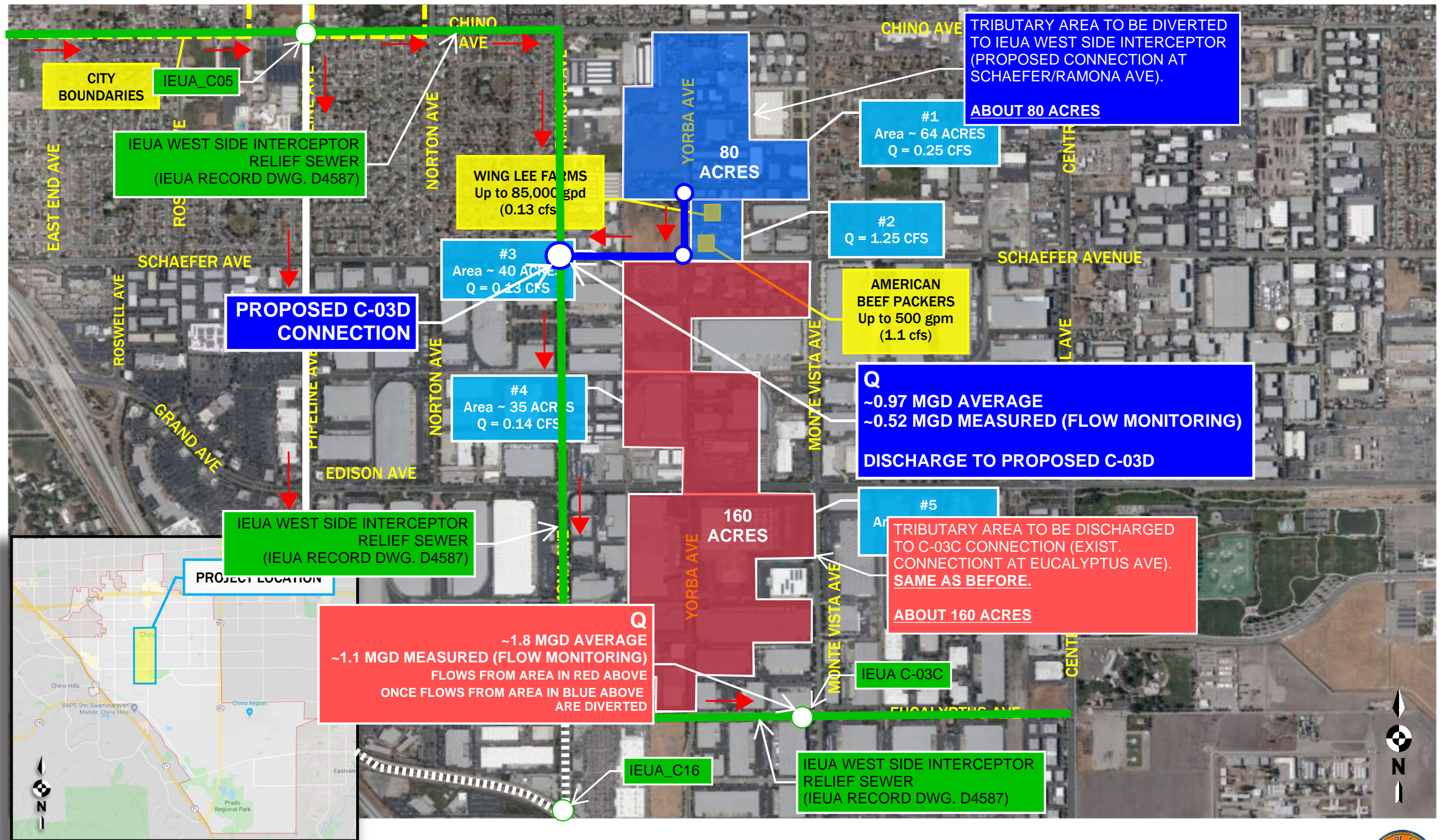
**EXHIBIT A**  
**SEWER TRIBUTARY AREAS**





**EXHIBIT B**  
**YORBA AVENUE SEWER TRIBUTARY AREA**



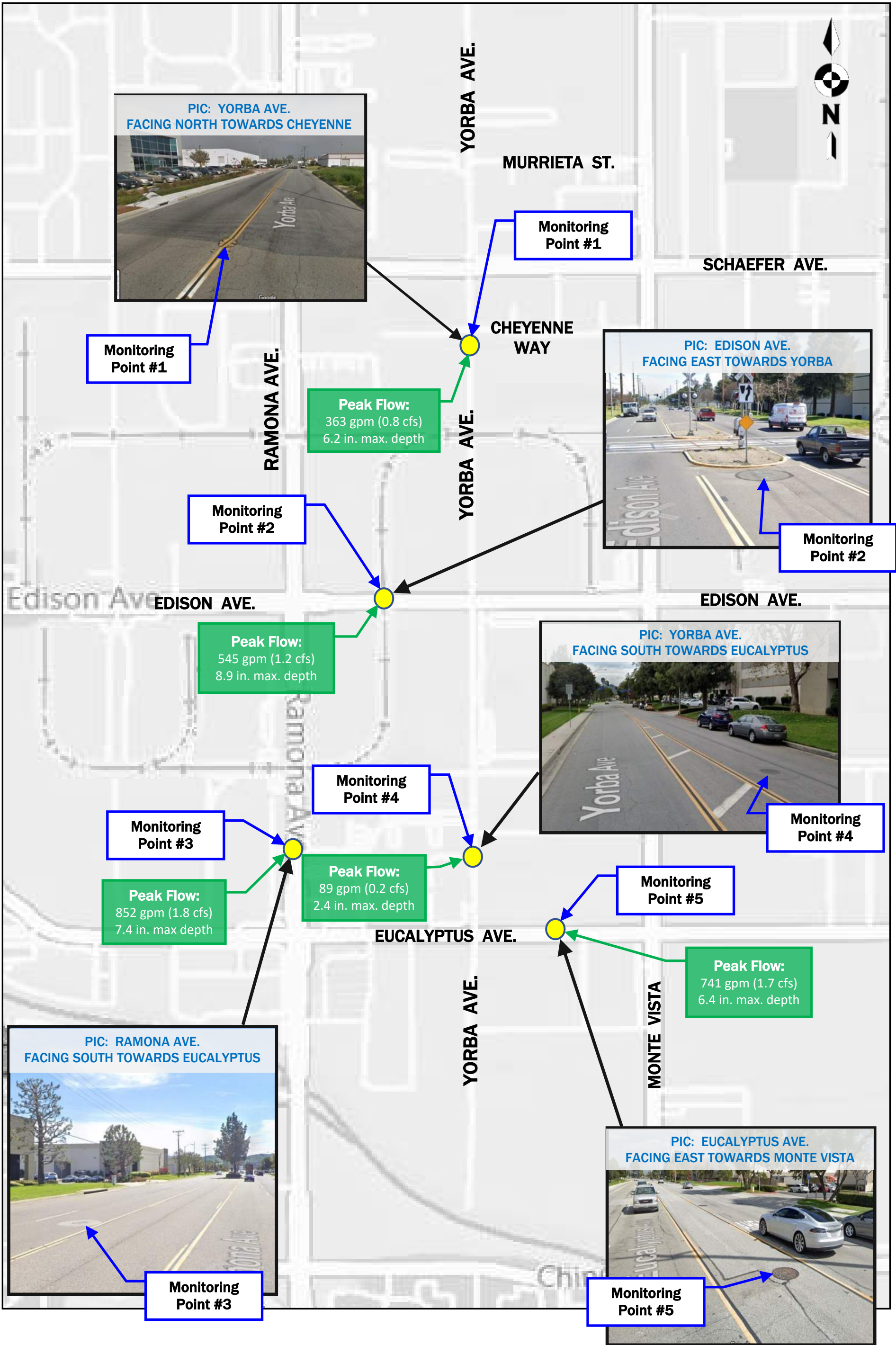






**EXHIBIT D**  
**WASTEWATER POINT FLOWS**



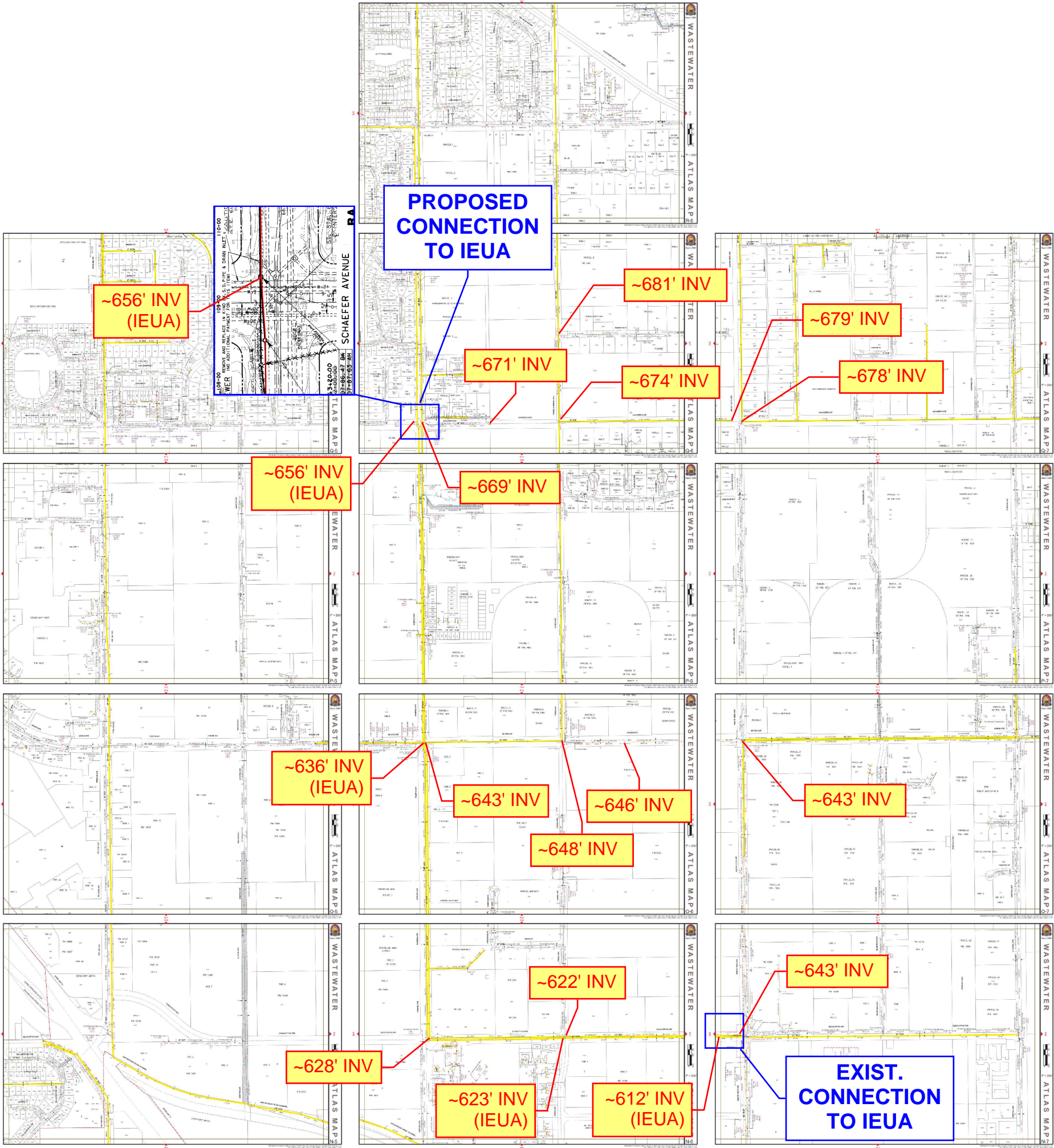


**EXHIBIT E**

SEWER FLOW MONITORING RESULTS  
YORBA AVE & EUCALYPTUS AVE SEWER MAIN REPLACEMENT  
(PROJECT NUMBER SW211)

**Attachment 2**  
Area Sewers & Invert Elevations

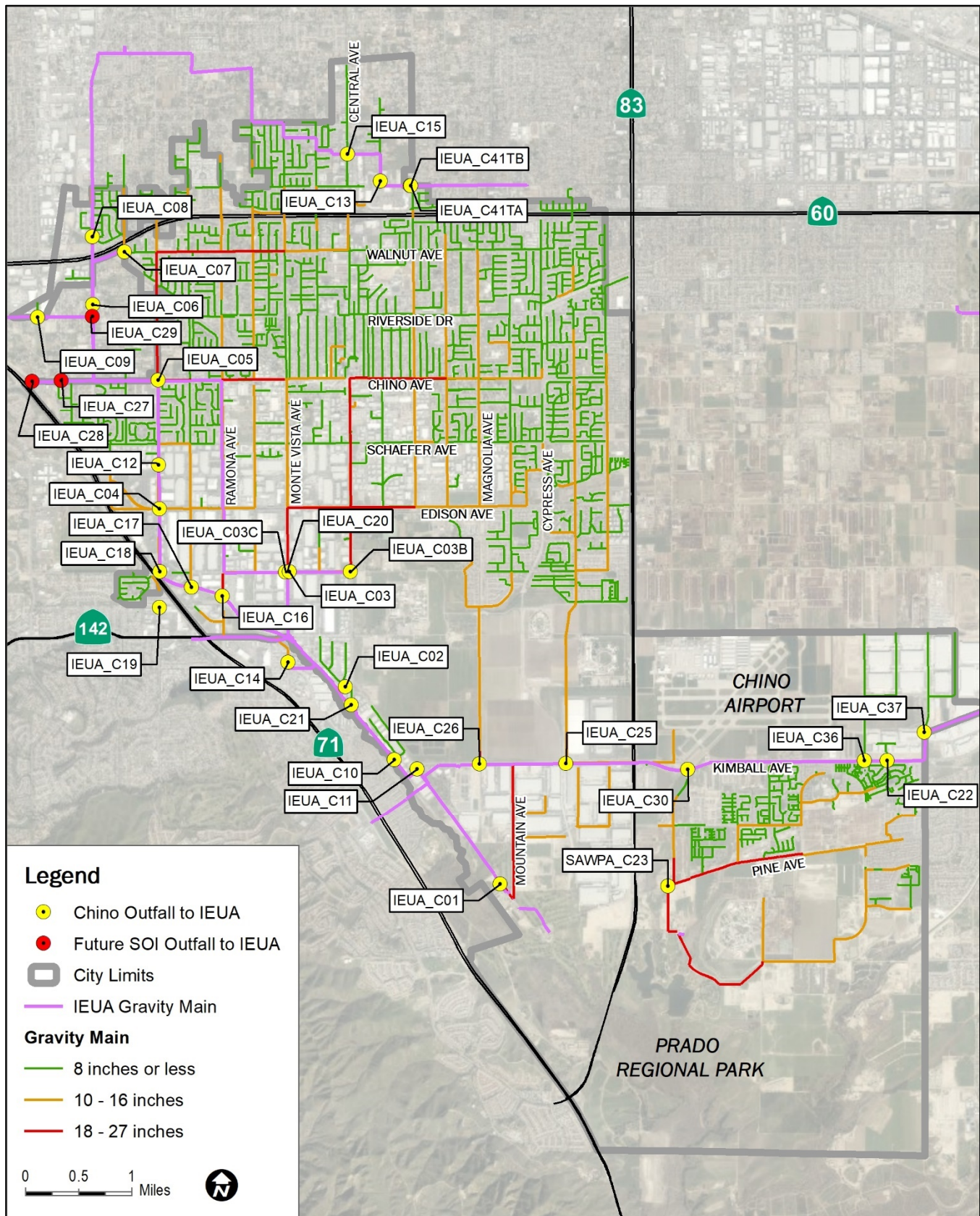




**Attachment 3**  
City of Chino Outfalls to IEUA



Figure 2.8: IEUA Outfall Locations



## **Attachment 4**

Proposed Connection to IEUA West Side Interceptor





## **Attachment 5**

Proposed Connection to IEUA West Side Relief Sewer





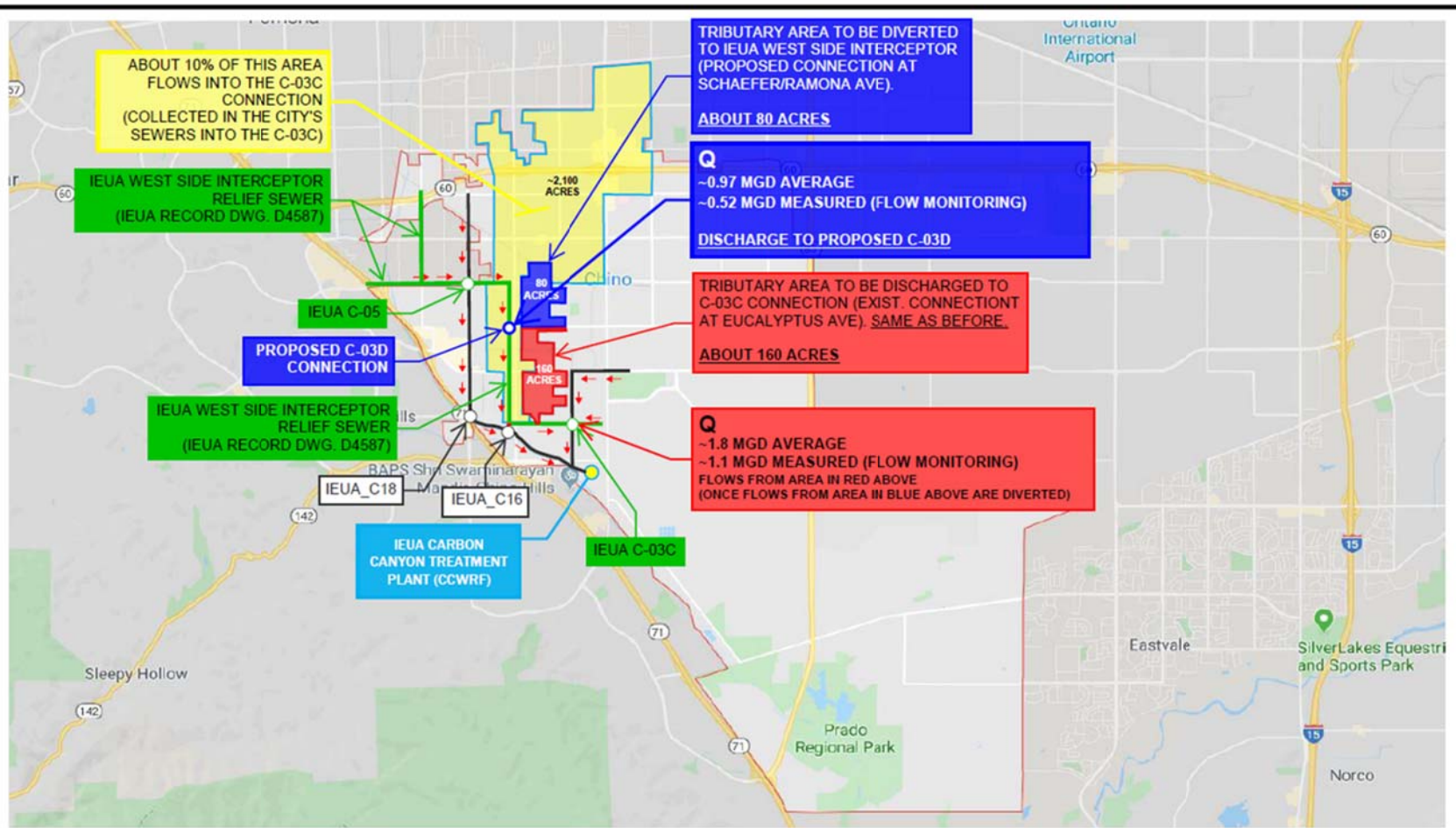




## **ATTACHMENT "B"**

### **Sewer Tributary Areas**





**INFORMATION  
ITEM**

**2A**

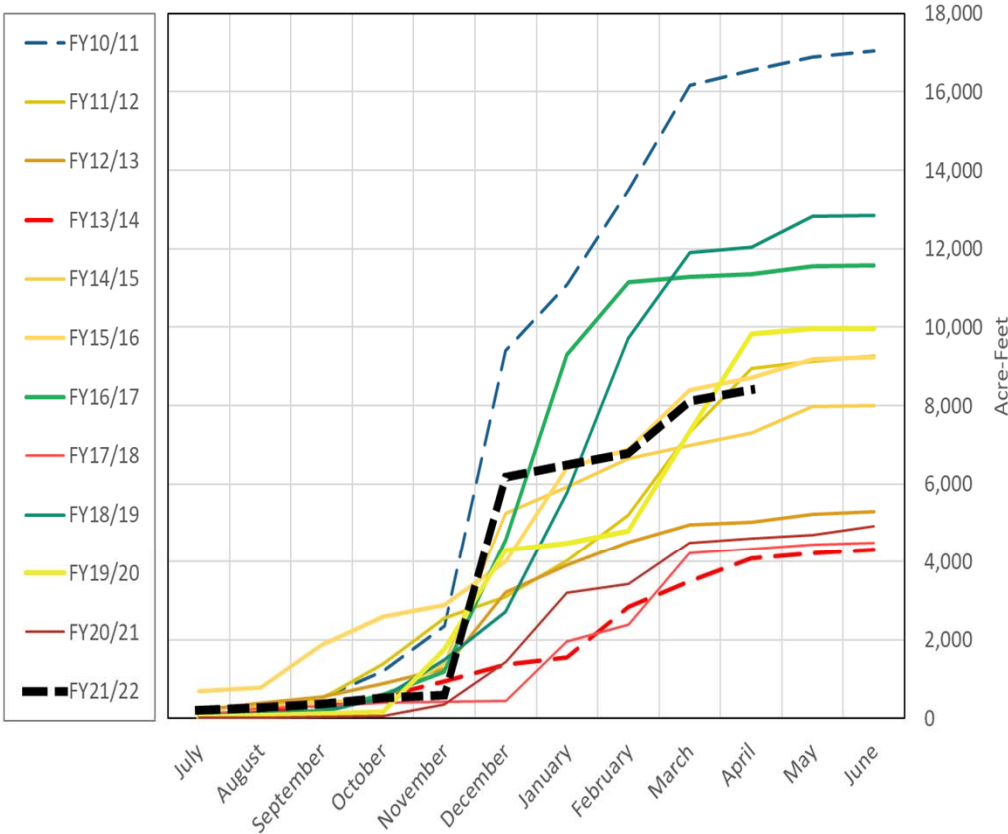


# Recycled Water Groundwater Recharge Update

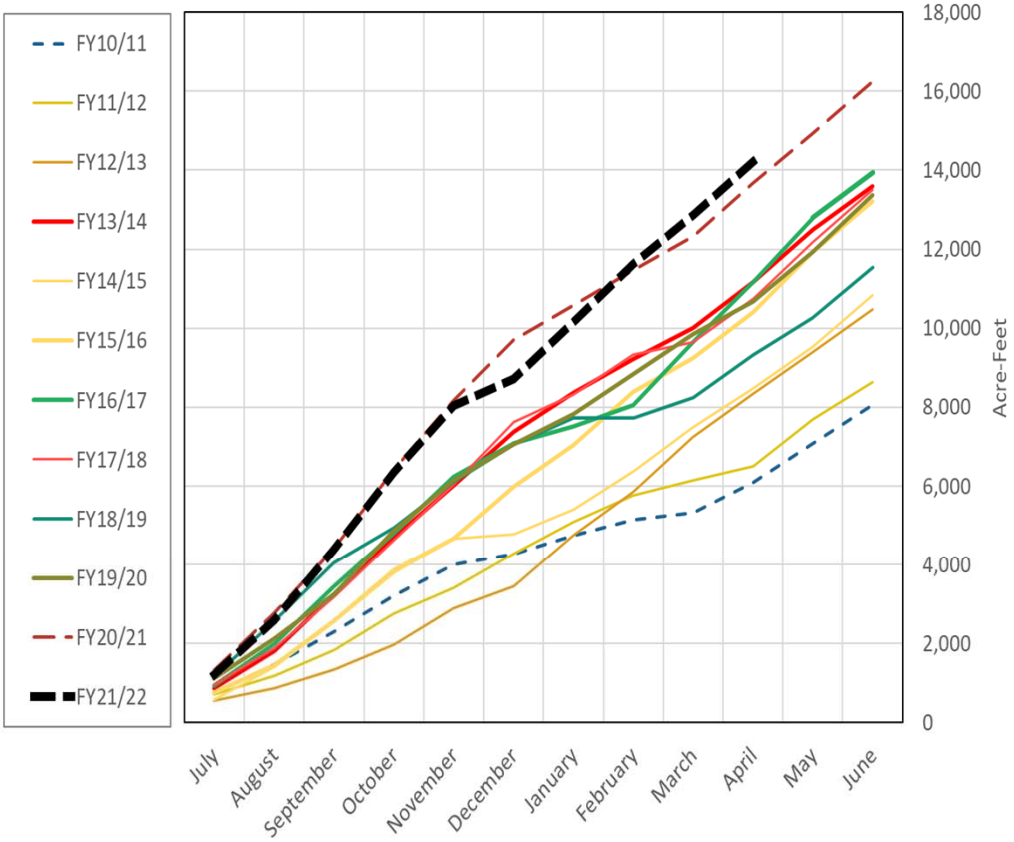
Andy Campbell, PG, CHG  
Groundwater Recharge Supervisor  
June/July 2022

# Annual Recharge Monthly Accumulation

Stormwater Monthly Accumulation

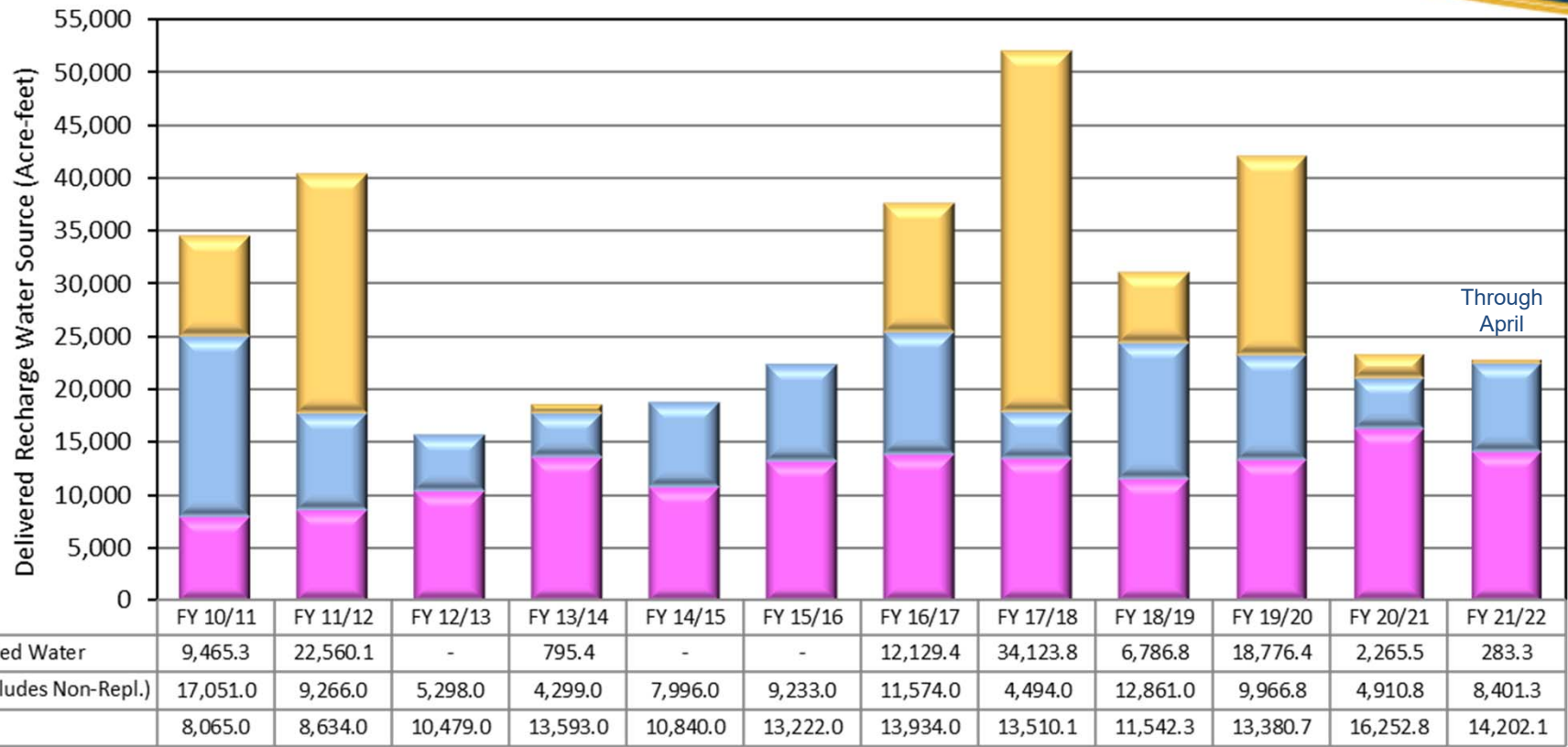


Recycled Water Monthly Accumulation

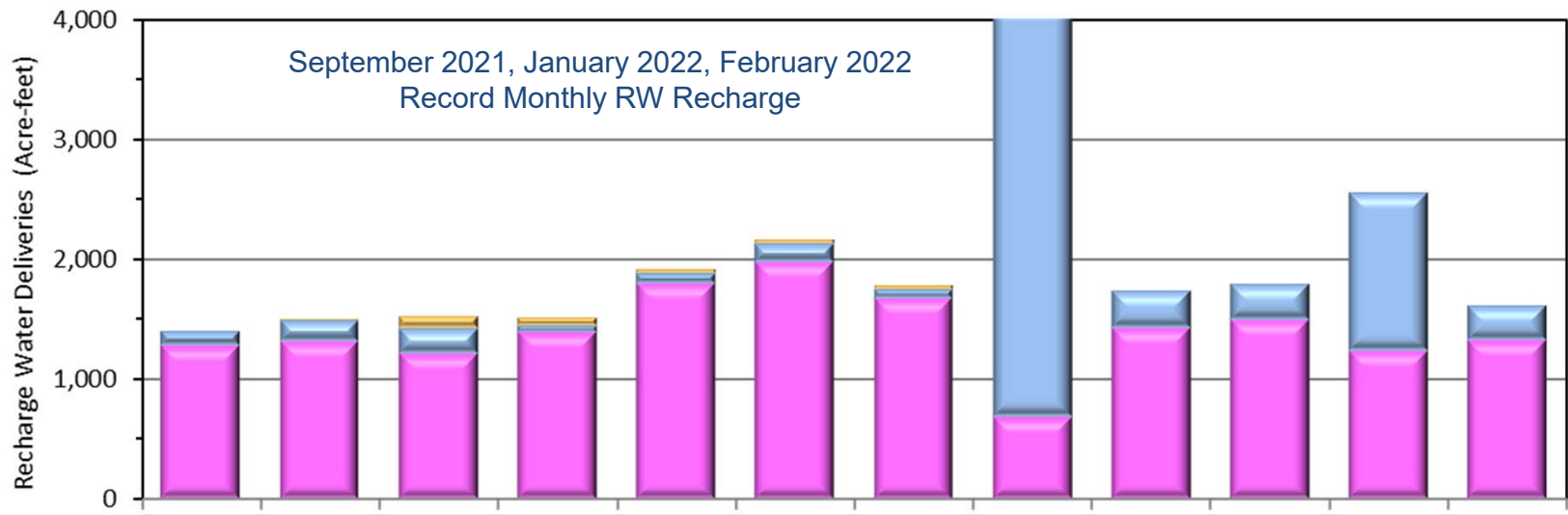




# Groundwater Recharge Annual History

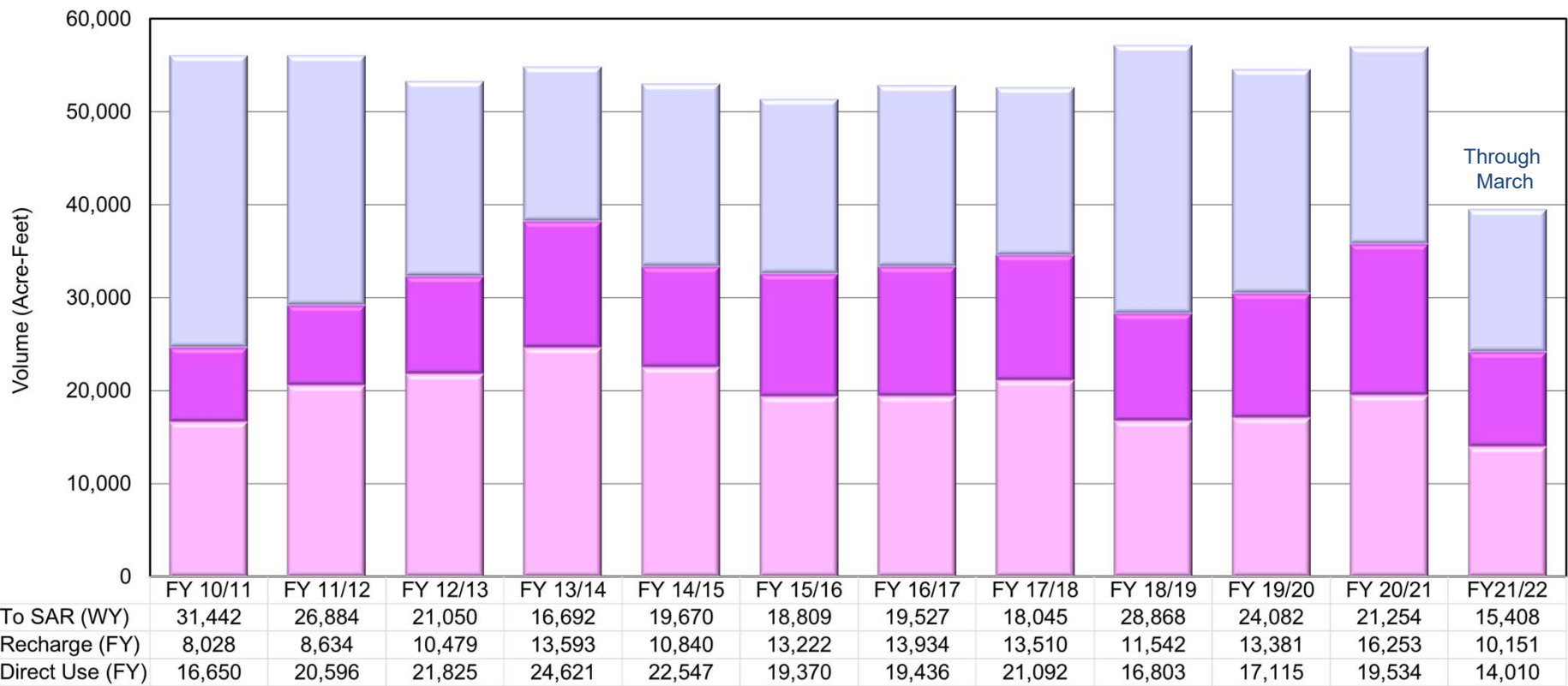


# Groundwater Recharge Deliveries Past 12 Months



	May 2021	Jun 2021	Jul 2021	Aug 2021	Sep 2021	Oct 2021	Nov 2021	Dec 2021	Jan 2022	Feb 2022	Mar 2022	Apr 2022
■ MWD and other Imported Water	0	2	108	69	33	27	33	13	0	0	0	0
■ Stormwater and LR (excluded Non-Replenishment)	134	185	215	58	99	157	75	5,558	313	303	1,333	290
■ Recycled Water	1,274	1,311	1,209	1,387	1,791	1,979	1,673	686	1,426	1,492	1,232	1,327

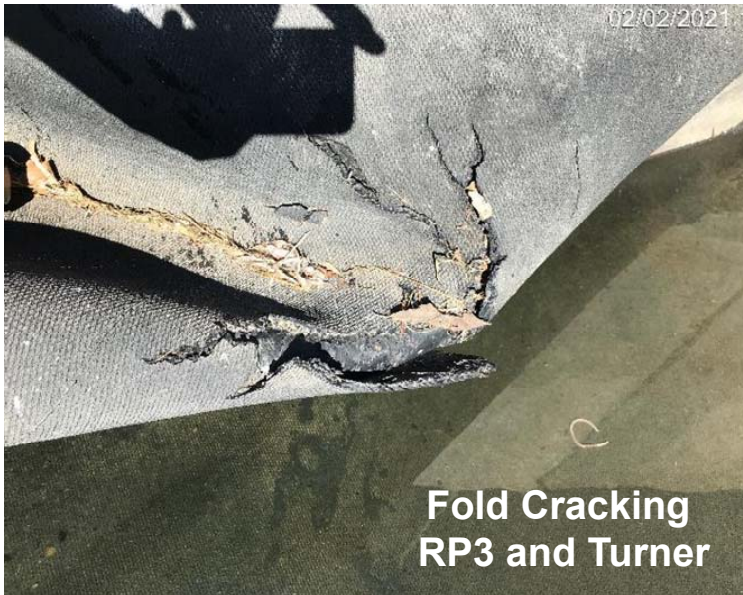
# Recycled Water (RW) Deliveries



# April 2022 - Rubber Dam Inspections



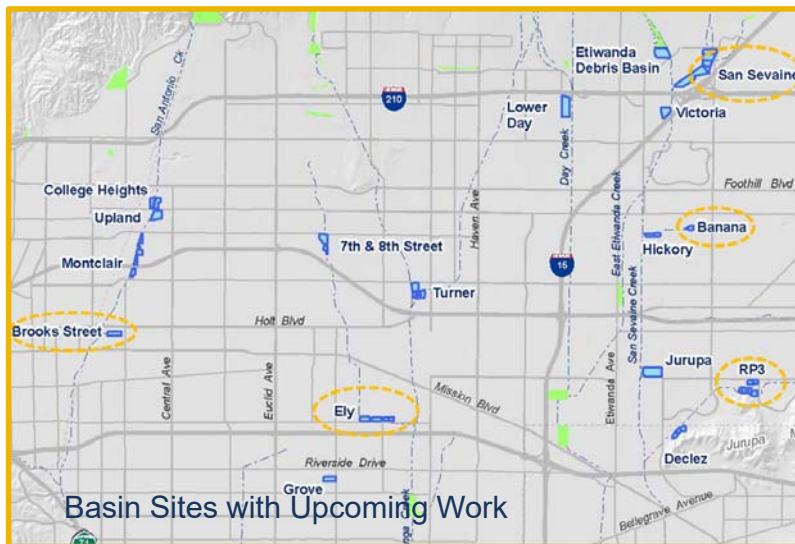
Contractor conducted a condition assessment at all Rubber Dams





# Upcoming Recharge Site Maintenance

- Spring Maintenance Activities
  - Infiltration restoration work at RP3, Brooks, and Banana Basins
  - Vegetation/debris removal by CalFire at San Sevaine 3, Ely, and Banana Basins
  - State Street storm drain inlet to Brooks Basin repair



RECEIVE AND  
FILE

**3A**



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

### **AGENDA**

**Thursday, July 7, 2022**

**3:30 p.m.**

**Teleconference Call**

In an 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\\_NWU1NzA2NDktM2VjMC00NDU1LTkxMmUtMjYyMjA2YWM3YWU4%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](https://teams.microsoft.com/l/meetup-join/19%3ameeting_NWU1NzA2NDktM2VjMC00NDU1LTkxMmUtMjYyMjA2YWM3YWU4%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: 1-415-856-9169/Conference ID: 552 973 583#**

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---

**Call to Order/Flag Salute**

**Roll Call**

**Public Comment**

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*(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. **Technical Committee Report** (*Oral*)
2. **Action Item**
  - A. Approval of June 2, 2022 Policy Committee Meeting Minutes
3. **Informational Items**
  - A. Regional Contract Negotiation Update (*Oral*)
  - B. Agency Reserves
4. **Receive and File**
  - A. Recycled Water Groundwater Recharge Update
  - B. Building Activity Report
  - C. 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 – August 4, 2022

**Adjourn**

## DECLARATION OF POSTING

I, Sally Lee, 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.

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RECEIVE AND  
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**3B**



# Building Activity Report - YTD Fiscal Year 2021/22



## Legend

- Service Area
- Unincorporated

## Residential

- <=1.0
- 1.0 - 10.0
- >10.0

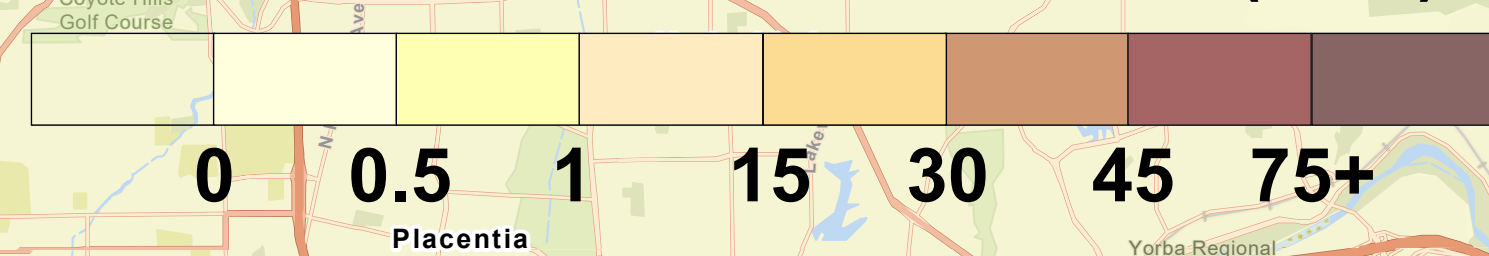
## Commercial

- <=1.0
- 1.0 - 10.0
- >10.0

## Industrial

- <=1.0
- 1.0 - 10.0
- >10.0

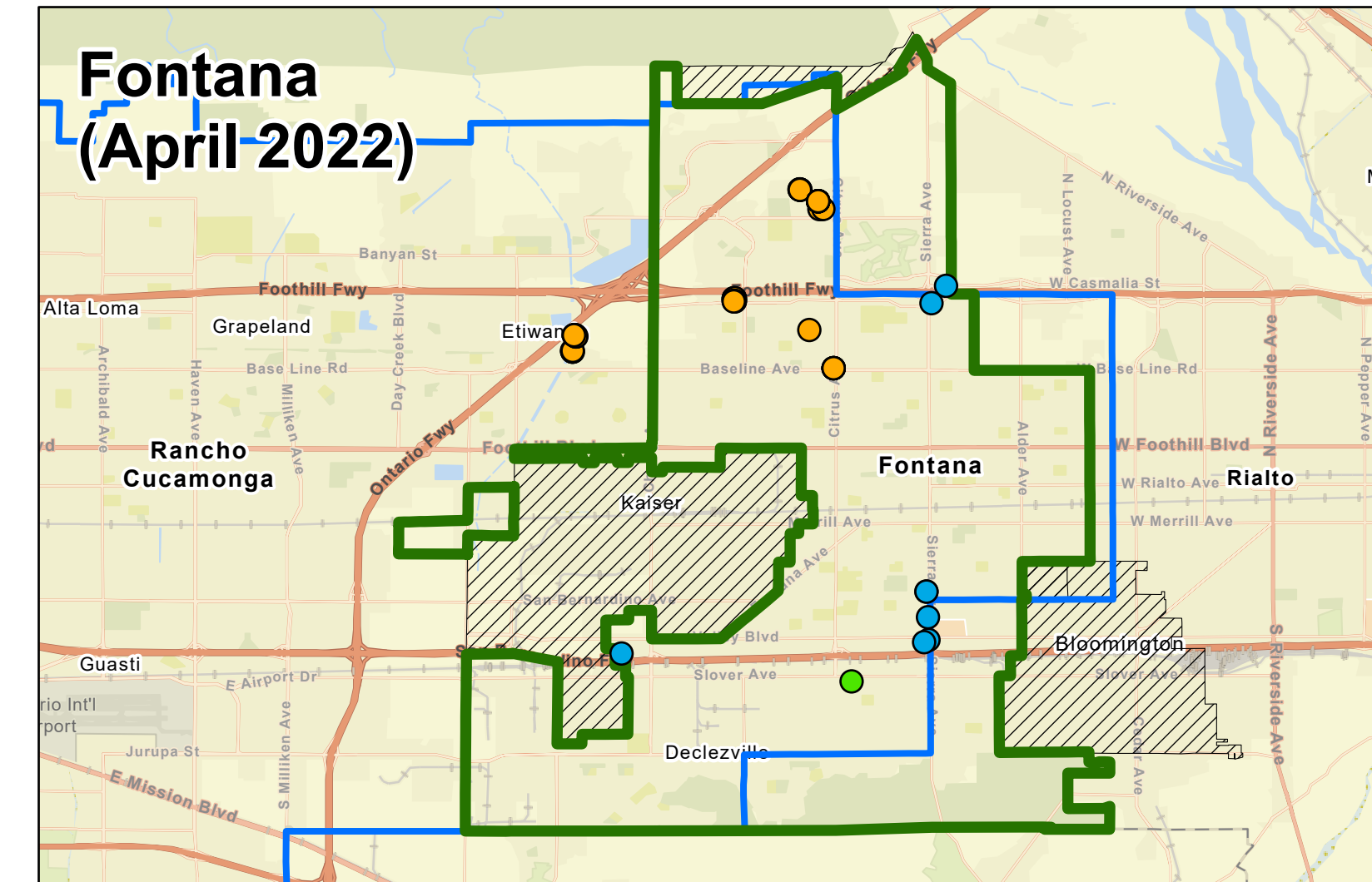
## HALF MILE GRID: TOTAL EDU's (YTD)



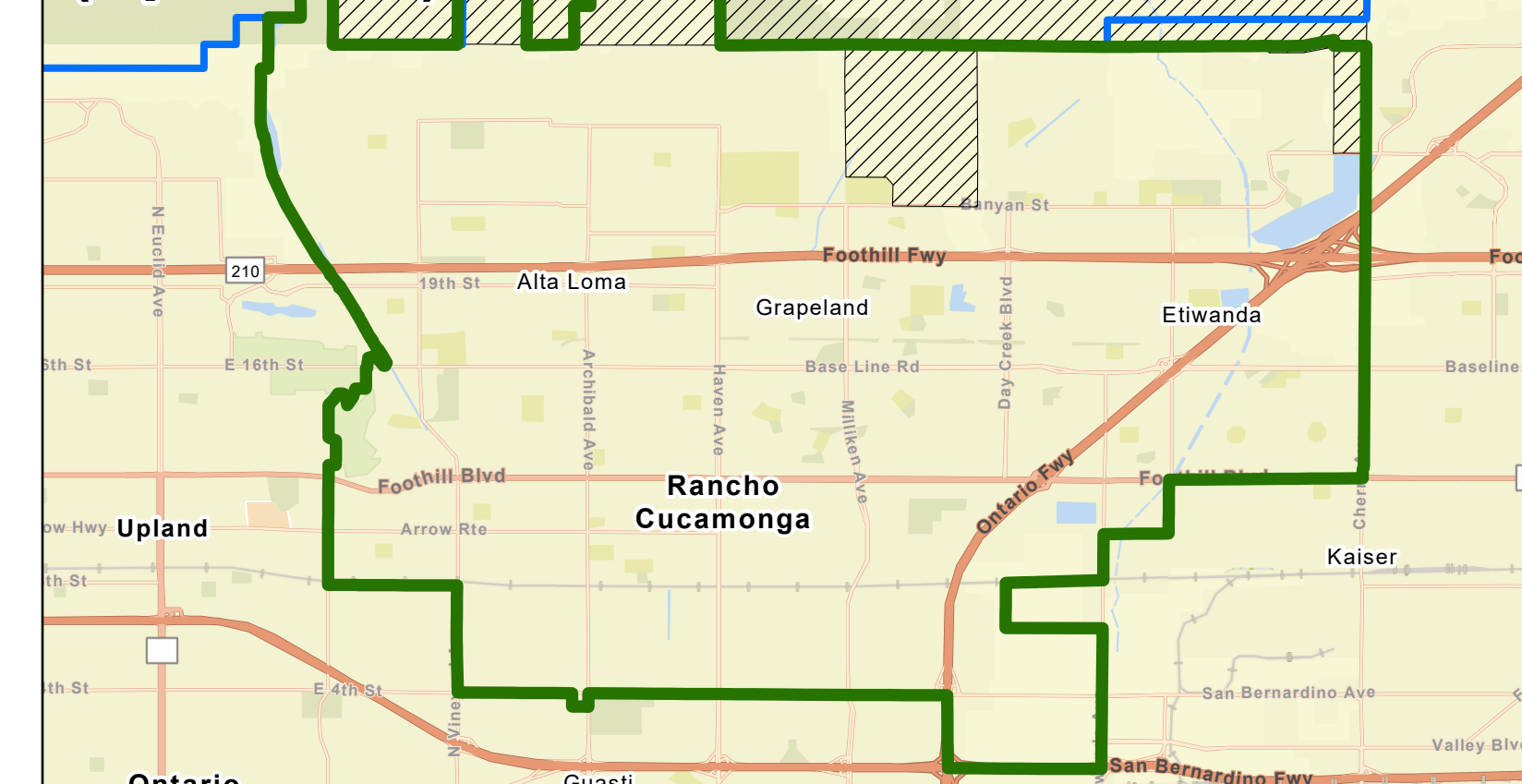
## TOTAL EDU BY WASTEWATER CONNECTION TYPE (YTD)

Contracting Agency	YTD Actual				Projected
	Commercial (EDUs)	Industrial (EDUs)	Residential (EDUs)	Total (EDUs)	
Chino	74	0	605	679	434
Chino Hills	47	0	62	109	276
CVWD	100	322	329	751	2050
Fontana	102	7	568	678	1792
Montclair	10	0	0	10	474
Ontario	234	38	1039	1311	7560
Upland	19	0	41	60	952
Total	585	368	2645	3597	13538

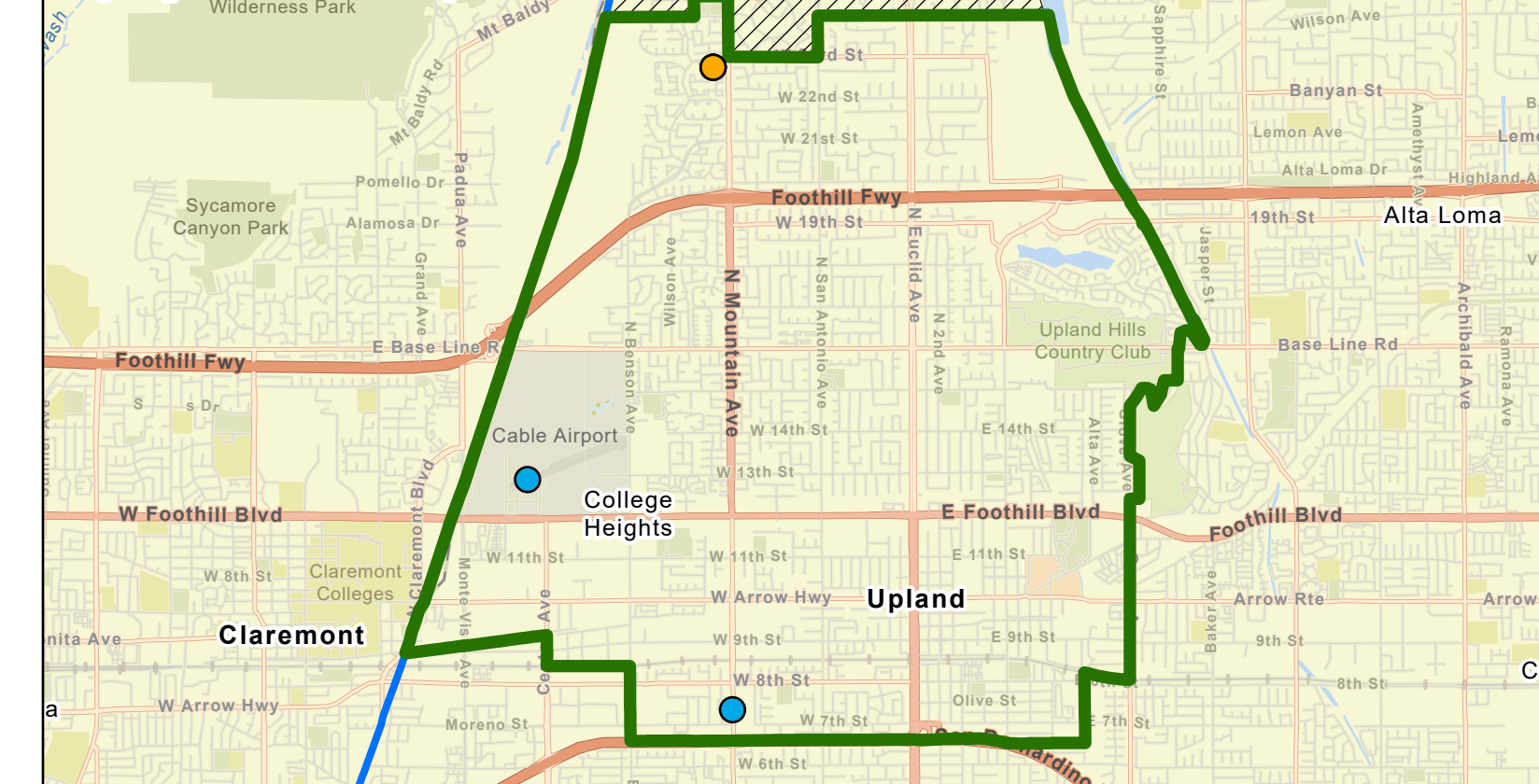
## Fontana (April 2022)



## Cucamonga Valley Water District (April 2022)



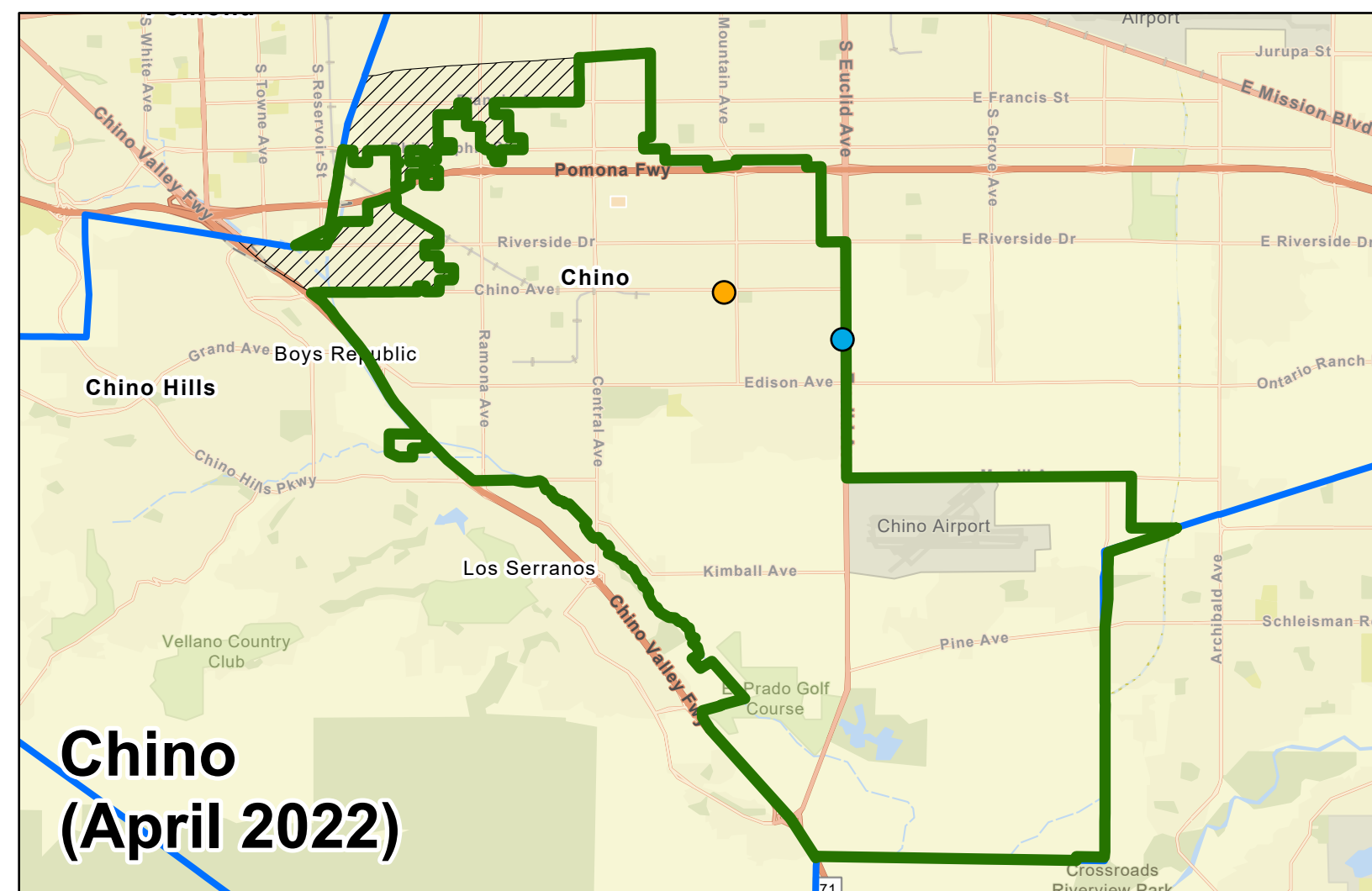
## Upland (April 2022)



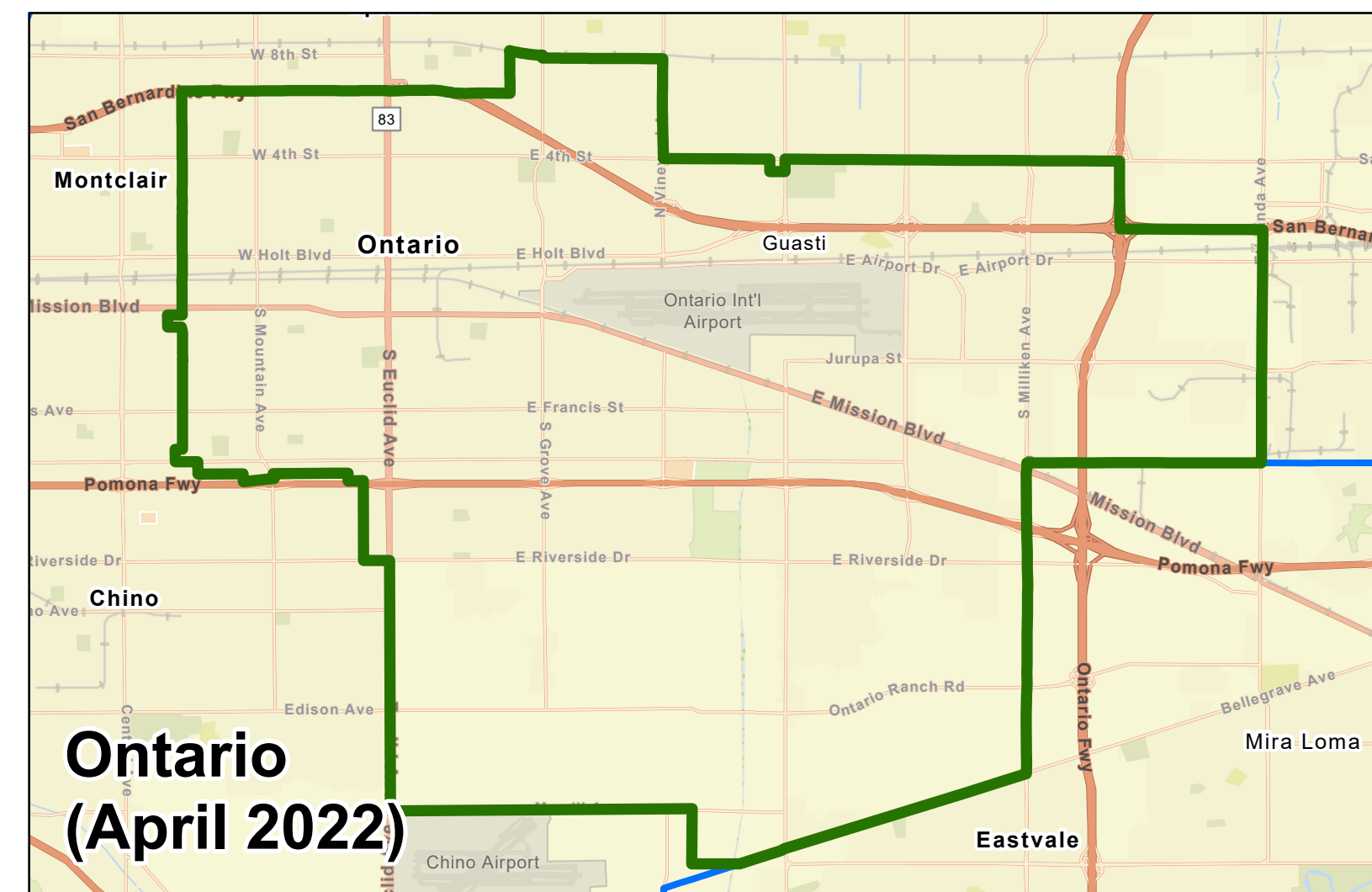
## Chino Hills (April 2022)



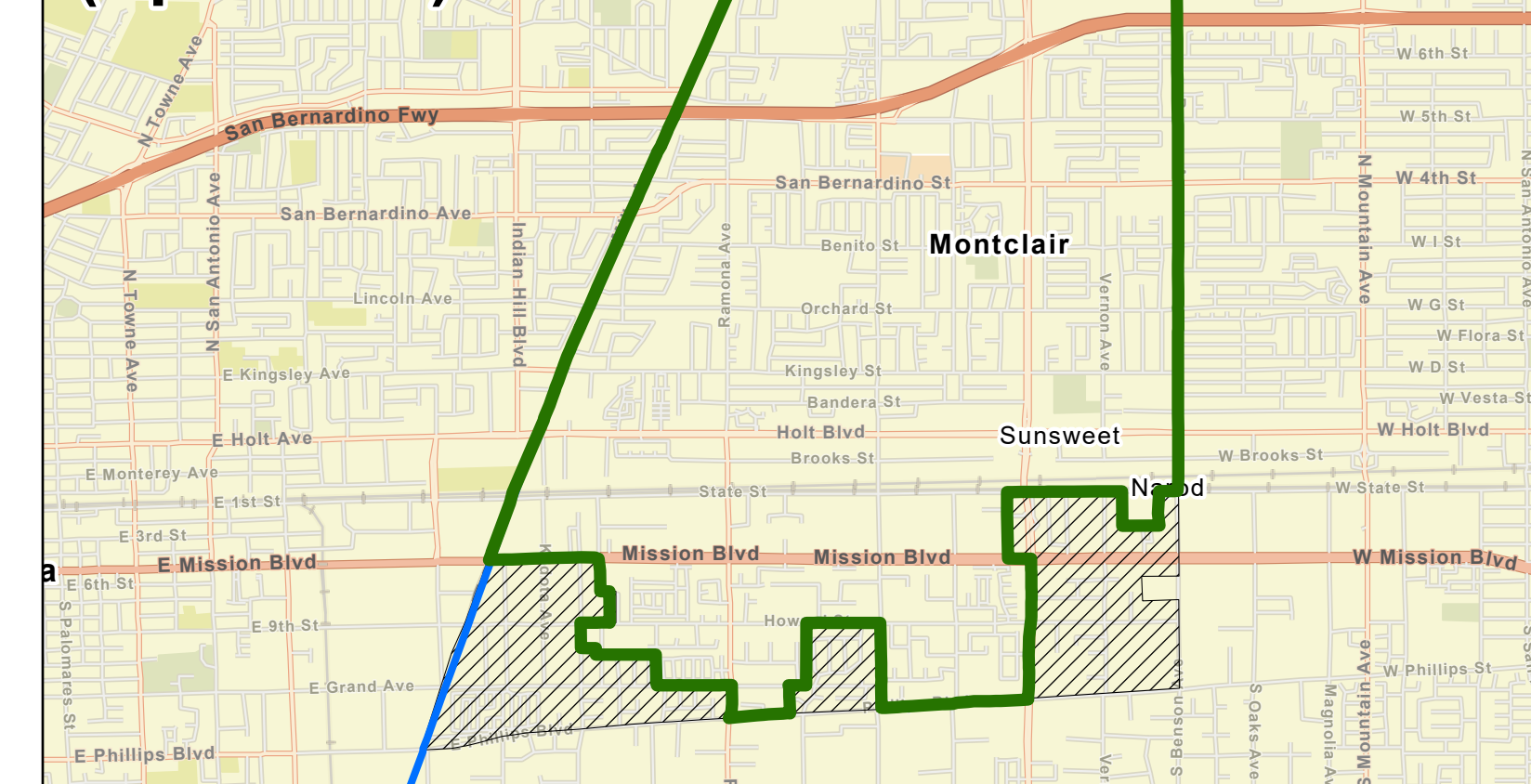
## Chino (April 2022)



## Ontario (April 2022)



## Montclair (April 2022)





RECEIVE AND  
FILE

**3C**

# IEUA RECYCLED WATER DISTRIBUTION – MAY 2022

## TOTAL ALL PLANTS

Influent: 50.4 MGD

Delivered: 41.8 MGD

Percent Delivered: 83%

## Preliminary Deliveries

RW GWR: 18.5 MGD

RW Direct Use: 23.3 MGD

## RP-4

Delivered: 8.7 MGD

## RP-1

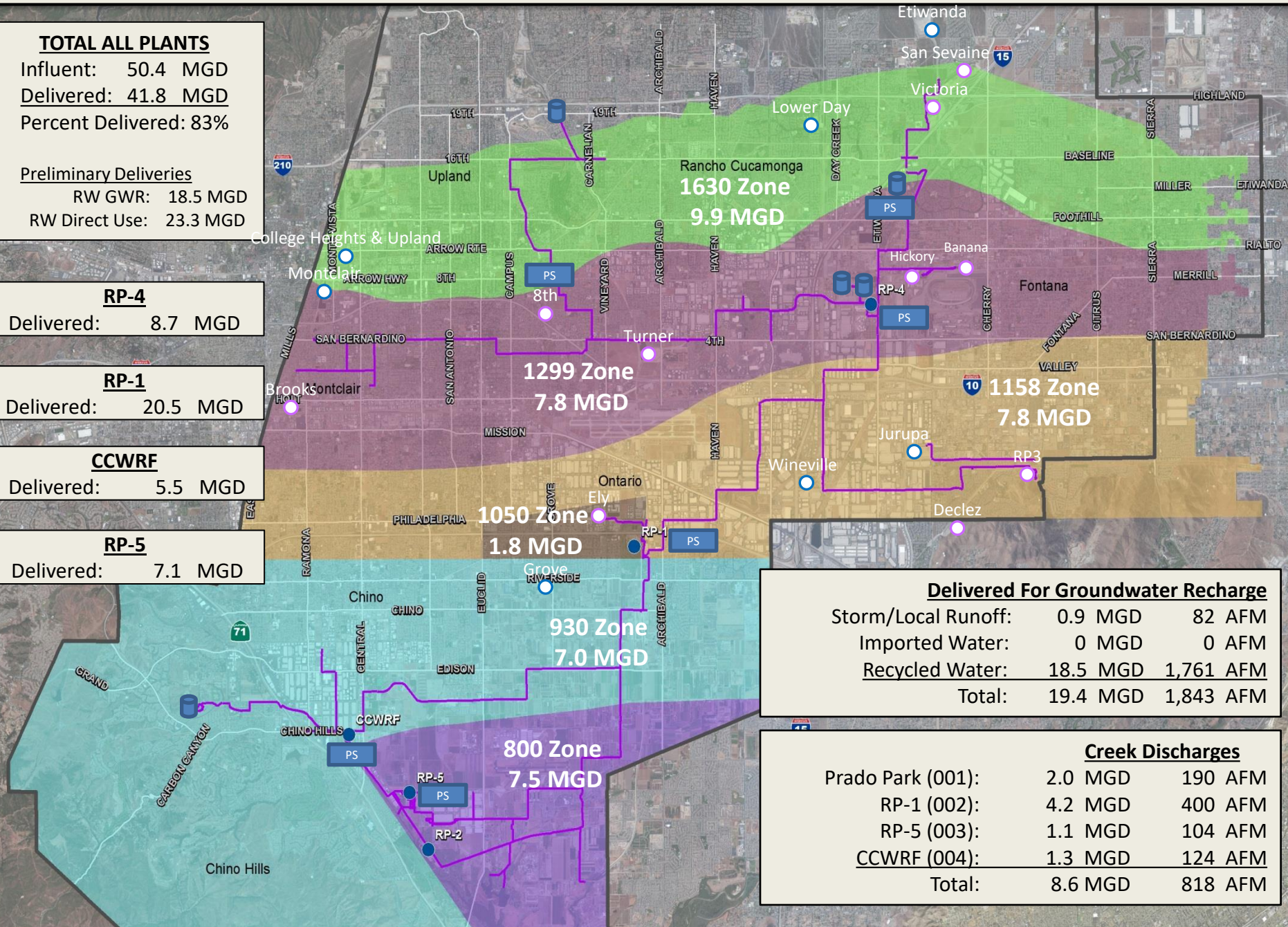
Delivered: 20.5 MGD

## CCWRF

Delivered: 5.5 MGD

## RP-5

Delivered: 7.1 MGD



## Delivered For Groundwater Recharge

Storm/Local Runoff:	0.9 MGD	82 AFM
Imported Water:	0 MGD	0 AFM
Recycled Water:	18.5 MGD	1,761 AFM
Total:	19.4 MGD	1,843 AFM

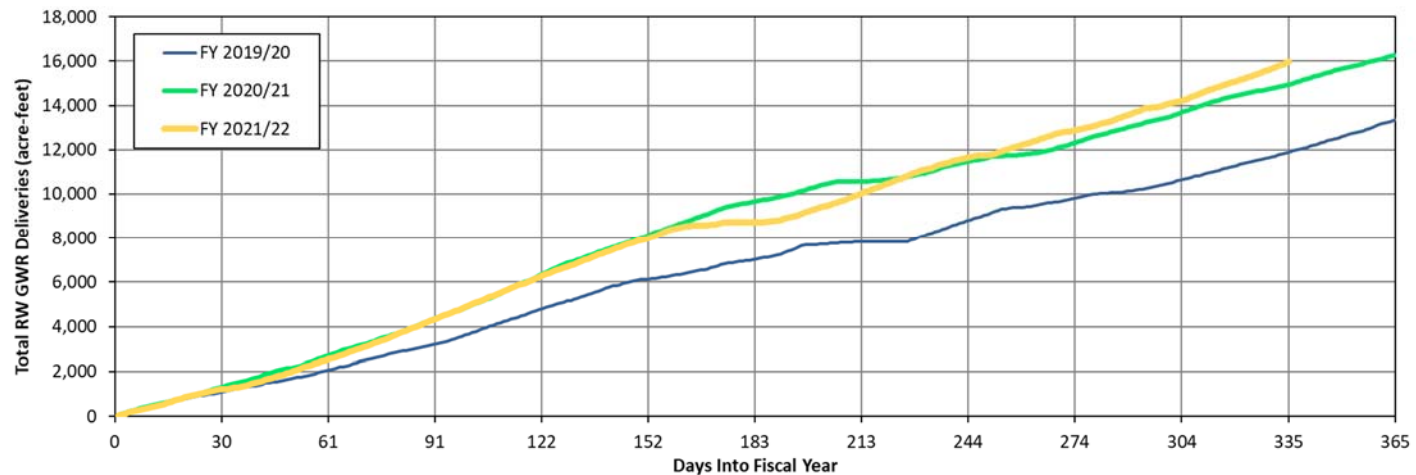
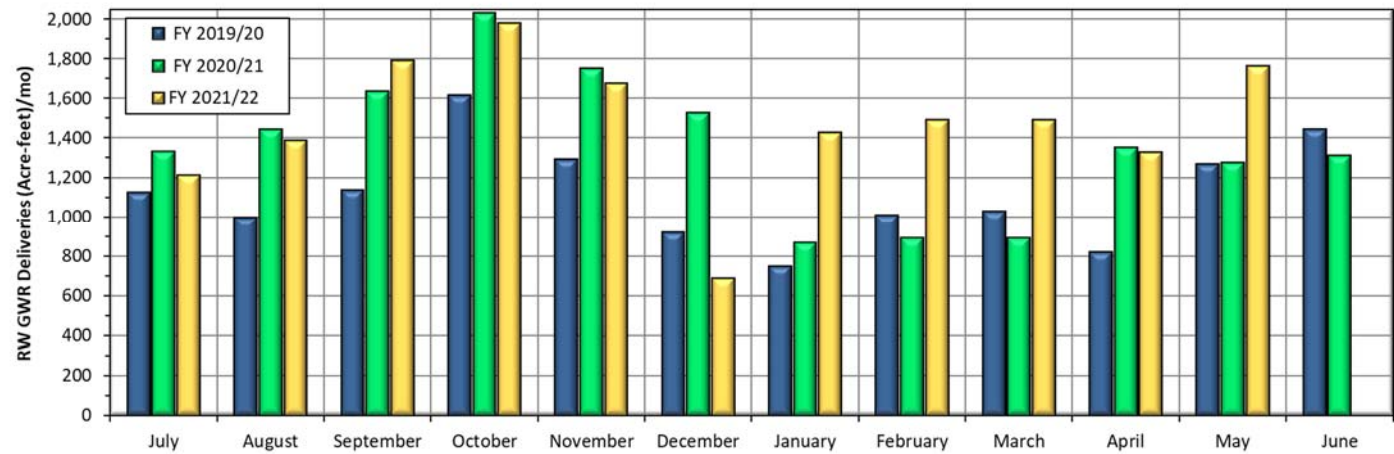
## Creek Discharges

Prado Park (001):	2.0 MGD	190 AFM
RP-1 (002):	4.2 MGD	400 AFM
RP-5 (003):	1.1 MGD	104 AFM
CCWRF (004):	1.3 MGD	124 AFM
Total:	8.6 MGD	818 AFM



**Recycled Water Recharge Deliveries - May 2022 (Acre-Feet)**

Basin	5/1-5/7	5/8-5/14	5/15-5/21	5/21-5/31	Month Actual	FY To Date Actual	Deliveries are draft until reported as final and do not included evaporative losses.	
Ely	31.5	38.8	68.5	40.8	179.6	693		
Banana	0.0	0.0	0.0	0.0	0.0	578		
Hickory	33.6	33.5	8.0	27.3	102.4	971		
Turner 1 & 2	0.0	0.0	0.0	0.0	0.0	628		
Turner 3 & 4	17.2	37.9	12.0	0.0	67.1			
8th Street	87.2	36.0	2.5	116.9	242.6	2288		
Brooks	0.0	0.0	0.0	0.0	0.0	550		
RP3	71.5	68.1	86.6	89.8	316.0	4545		
Declez	0.0	0.0	35.5	38.2	73.7	703		
Victoria	101.5	98.8	117.6	121.6	439.5	1876		
San Sevaine	69.5	68.0	90.2	112.8	340.5	3133		
Total	342.5	313.1	330.7	434.6	1761.4	15,963	14,984	AF previous FY to day actual



## TECHNICAL COMMITTEE ITEMS DISTRIBUTED

**4A**

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Date: June 14, 2022

To: Regional Technical Committee

From: Eddie Lin, Senior Engineer  
IEUA – Department of Planning & Resources

**Subject: Notice of Availability of Recycled Water as Groundwater Recharge (FY21-22)**

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The City of Chino elected to forgo their fiscal year 2021-22 share of groundwater recharge.

If your Agency is interested in acquiring any portion of the available groundwater recharge, please notify IEUA by **Tuesday, June 28, 2022**. The available recharge will be allocated to the interested Agencies by an adjusted regional flow contribution pro rata share basis.

The amount of available recycled water recharge (in AF) through March 2022 for FY 21-22 is provided in the table below for reference:

AGENCY	EDU's FY 2020-21	PRO RATA SHARE OF REGIONAL FLOW <sup>1</sup> (%)	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Current Total
CHINO	380,959	10.76	130.1	149.2	192.7	212.9	180.0	73.8	153.5	160.5	132.5	1,385.3

Based on recharge data thus far, the total amount of recycled water that may be available for purchase as groundwater recharge in storage for FY 21-22 is estimated to be in the 1,600-1,800 AF range. Please note, the total amount of recharge that will be available for purchase at the end of the FY will depend on such factors as: available recycled water for groundwater recharge, climate conditions, and available basin capacity. The recycled water recharge will be invoiced at the FY 21-22 recycled water groundwater recharge rate of \$580/AF.

Please contact Eddie Lin at [elin@ieua.org](mailto:elin@ieua.org) for any additional information.