



Regional Sewerage Program Technical Committee Meeting

AGENDA Thursday, July 29, 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 June 24, 2021 Technical Committee Meeting Minutes

2. Informational Items

- A. Operations Division Quarterly Update
- B. Engineering and Construction Management Project Updates
- C. 2021 Sewer System Management Plan Audit Report Update
- D. Return to Sewer Study (*Oral*)
- E. 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. Chino Basin Program | Water Storage Investment Program Fact Sheet

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 – August 26, 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

July 29, 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, July 22, 2021.



Sally H. Lee

**ACTION
ITEM**

1A



Regional Sewerage Program Technical Committee Meeting MINUTES OF JUNE 24, 2021

CALL TO ORDER

A regular meeting of the IEUA/Regional Sewerage Program – Technical Committee was held via teleconference on Thursday, June 24, 2021. Committee Chair Nicole deMoet/City of Upland called the meeting to order at 2:03 p.m. Recording Secretary Sally Lee took a roll call and established a quorum was present.

ATTENDANCE via Teleconference

Committee Members PRESENT:

| | |
|------------------|--|
| Dave Crosley | City of Chino |
| Eduardo Espinoza | Cucamonga Valley Water District (CVWD) |
| Ron Craig | City of Chino Hills |
| Armando Martinez | City of Fontana |
| Courtney Jones | City of Ontario |
| Nicole deMoet | City of Upland |
| Christiana Daisy | Inland Empire Utilities Agency (IEUA) |

Committee Members ABSENT:

| | |
|-------------|-------------------|
| Mike Hudson | City of Montclair |
|-------------|-------------------|

OTHERS PRESENT:

| | |
|------------------------|--------------------------------|
| Amanda Coker | City of Chino |
| Steve Nix | City of Fontana |
| Christopher T. Quach | City of Ontario |
| Julian Chang | City of Upland |
| Braden Yu | City of Upland |
| David Channer II | Unknown |
| Kathy Besser | Inland Empire Utilities Agency |
| Randy Lee | Inland Empire Utilities Agency |
| Christina Valencia | Inland Empire Utilities Agency |
| Joshua Aguilar | Inland Empire Utilities Agency |
| Jerry Burke | Inland Empire Utilities Agency |
| Andy Campbell | Inland Empire Utilities Agency |
| Javier Chagoyen-Lazaro | 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 |
| Scott Oakden | Inland Empire Utilities Agency |
| Jesse Pompa | Inland Empire Utilities Agency |
| Jeanina Romero | 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 MAY 20, 2021 SPECIAL TECHNICAL COMMITTEE MEETING AND MAY 27, 2021 TECHNICAL COMMITTEE MEETING**

Motion: By Dave Crosley/City of Chino and seconded by Courtney Jones/City of Ontario to approve the meeting minutes of the May 20, 2021 Special Technical Committee meeting and May 27, 2021 Technical Committee meeting.

Motion carried: Ayes: 7; Noes: 0; Absent: 1; Abstained: 0

With the following roll call vote:

Ayes: Crosley, Jones, Craig, Daisy, Espinoza, Martinez, deMoet
 Noes: None
 Absent: Hudson
 Abstain: None

2. INFORMATIONAL ITEMS**A. GROUNDWATER RECHARGE UPDATE**

Andy Campbell/IEUA gave an update on Recycled Water Groundwater Recharge.

B. RETURN TO SEWER STUDY UPDATE

Eddie Lin/IEUA gave an update on the Return to Sewer Study.

C. OPERATIONS & COMPLIANCE UPDATES

Mr. Lin stated that the compliance samples collected at RP-1 in May failed reproduction toxicity testing and accelerated monitoring was implemented. Currently, one of the two required consecutive tests passed, and staff is currently waiting on the results of the second test. He reported that lab results for recycled water used for groundwater recharge exceeded the maximum contaminant level (MCL) of 5 parts per trillion (ppt) for 1,2,3,-Trichloropropane (1,2,3 - TCP). The Regional Board and the Division of Drinking Water were notified of the exceedance as required and staff has begun weekly monitoring until the four-week concentration average no longer exceeds the MCL. Perfluorooctanoic acid (PFOA) testing continues to exceed the notification level of 5.1 ppt and weekly testing for PFOA is currently taking place. Mr. Lin reported that on June 13, there was a minor gas release from digester

no. 3 at RP-2 due to a minor break to a water discharge line, which was isolated within minutes and temporary repairs were completed the same day. There was no effect to personnel and the South Coast Air Quality Management District was notified.

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 April 2021 was received and filed by the Committee.

C. RECYCLED WATER DISTRIBUTION – OPERATIONS SUMMARY

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

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

Deputy General Manager Christiana Daisy/IEUA stated that on June 11, Governor Gavin Newsom released his plan to fully reopen California on June 15. In this plan, he included his intended timeline to lift the pandemic Executive Orders. Under the Governor's new Executive Order, portions of the original Executive Order which provided flexibility to the Brown Act requirements will be rescinded on September 30.

B. COMMITTEE MEMBER REQUESTED AGENDA ITEMS FOR NEXT MEETING

There were no Committee Member requested agenda items.

C. COMMITTEE MEMBER COMMENTS

Ron Craig/City of Chino Hills stated at the Chino Basin Watermaster (CBWM) Board meeting, there was credit to the appropriators of approximately \$1.2 million and he expressed appreciation to CBWM and IEUA staff for their dedication and commitment on the Recharge Master Plan, which allows for the region to store more recycled water and increases pump station capacity.

D. NEXT MEETING – JULY 29, 2021

ADJOURNMENT – Chair deMoet adjourned the meeting at 2:21 p.m.

Prepared by:

Sally H. Lee, Executive Assistant

**INFORMATION
ITEM**

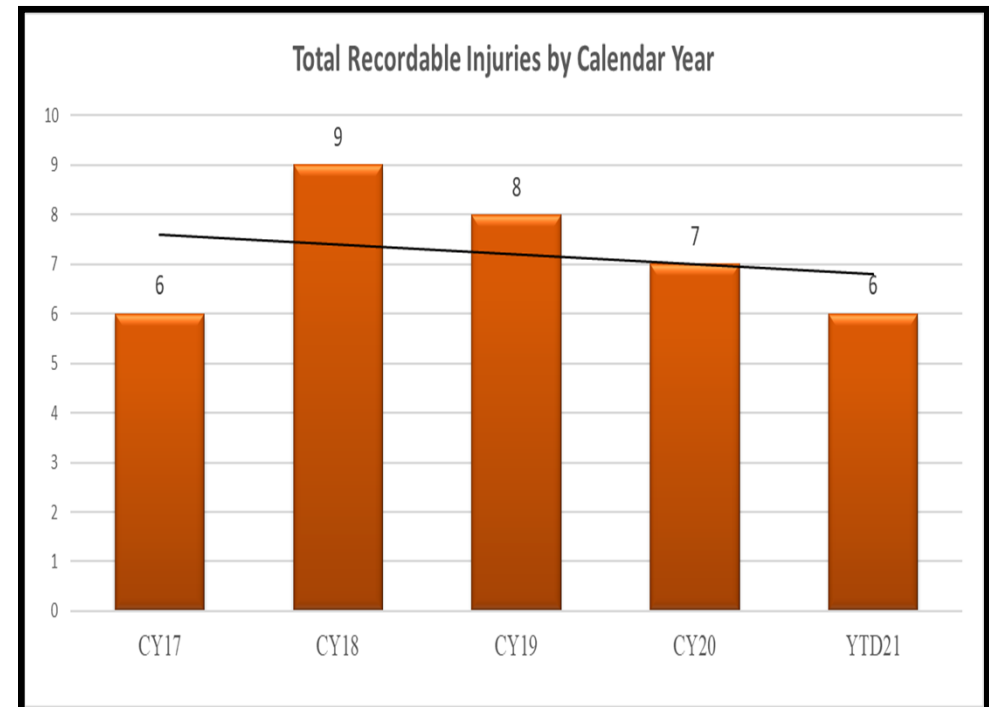
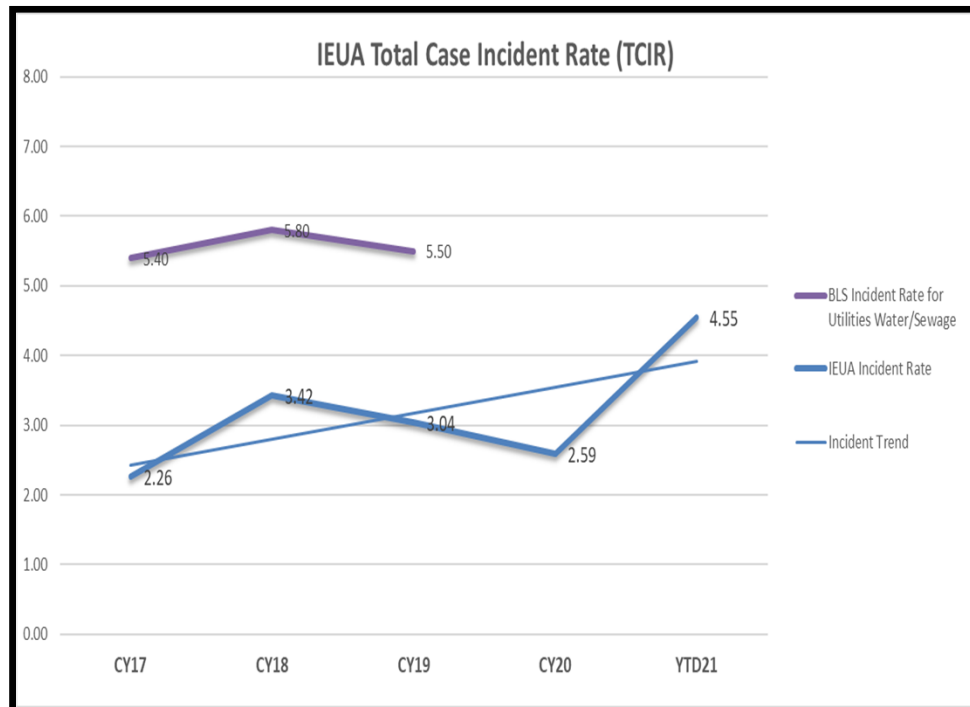
2A



Operations Division Quarterly Update

Scott Lening
Deputy Manager of Operations
July/August 2021

IEUA Incident Rates vs. Industry & Total Recordable Injuries



* Estimated incident rate based on past June hours worked

Compliance, Inspections, and Tours

- RP-1 Bioassay
- AQMD Inspections
- RP-1 Flare Project
- Plant Tours



RP-1 Tour Samples

RP-1 Capital Projects

- Mechanical Restoration
- SCADA Migration



RP-1 Placing Clarifier Online

RP-4 Capital Projects

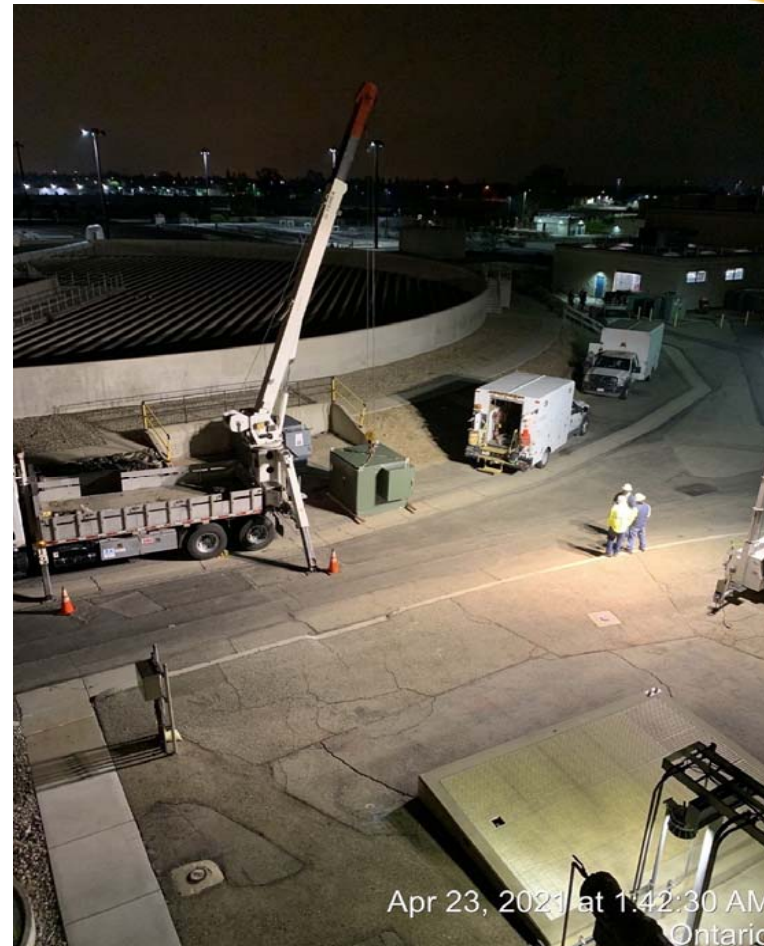
- Aeration Basin Rehabilitation
- Process Improvements



RP-4 Secondary Weir Covers

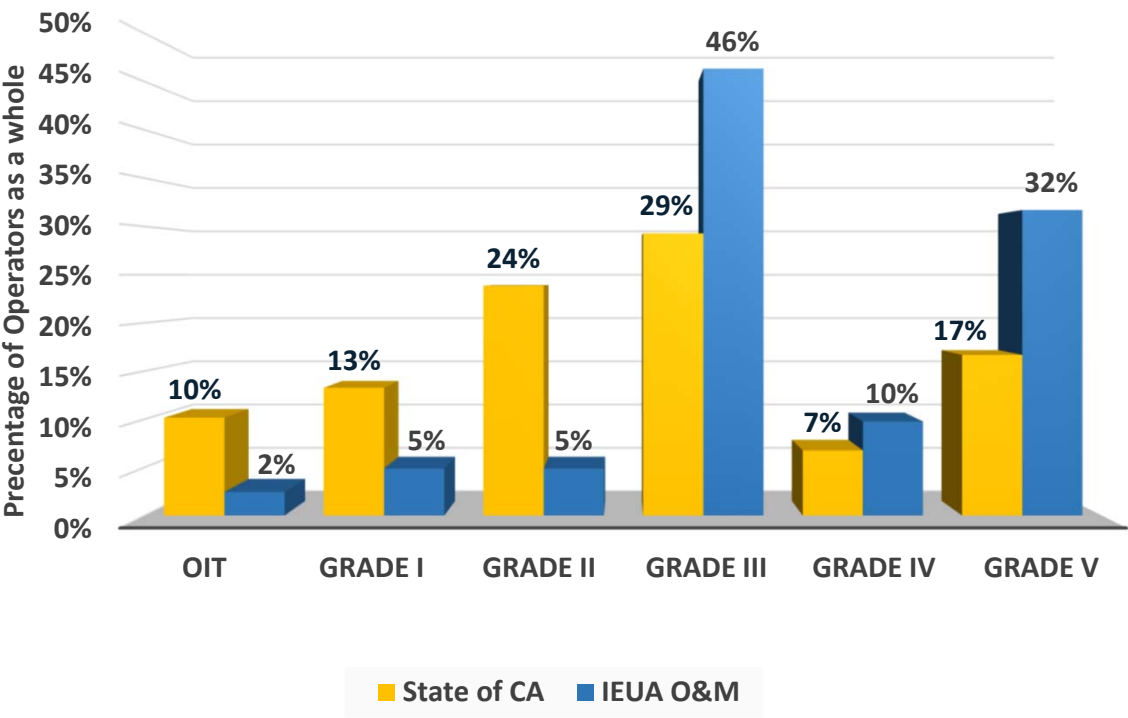
Operations and Maintenance Projects

- RP-4 Power Pole Replacement
- PME Switch Installation

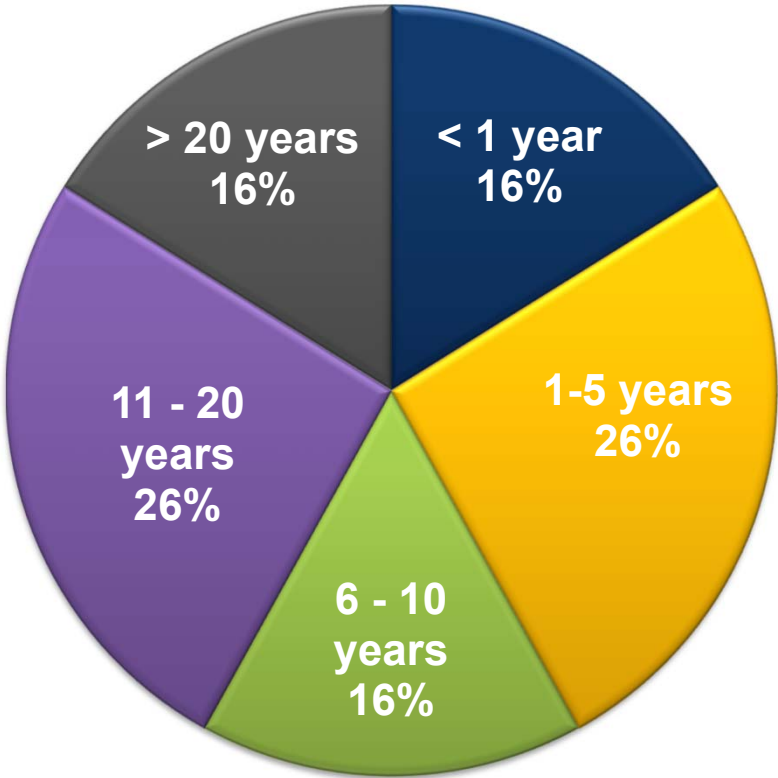


Certification Summary

State of CA versus IEUA Operator Certifications



Years of Service



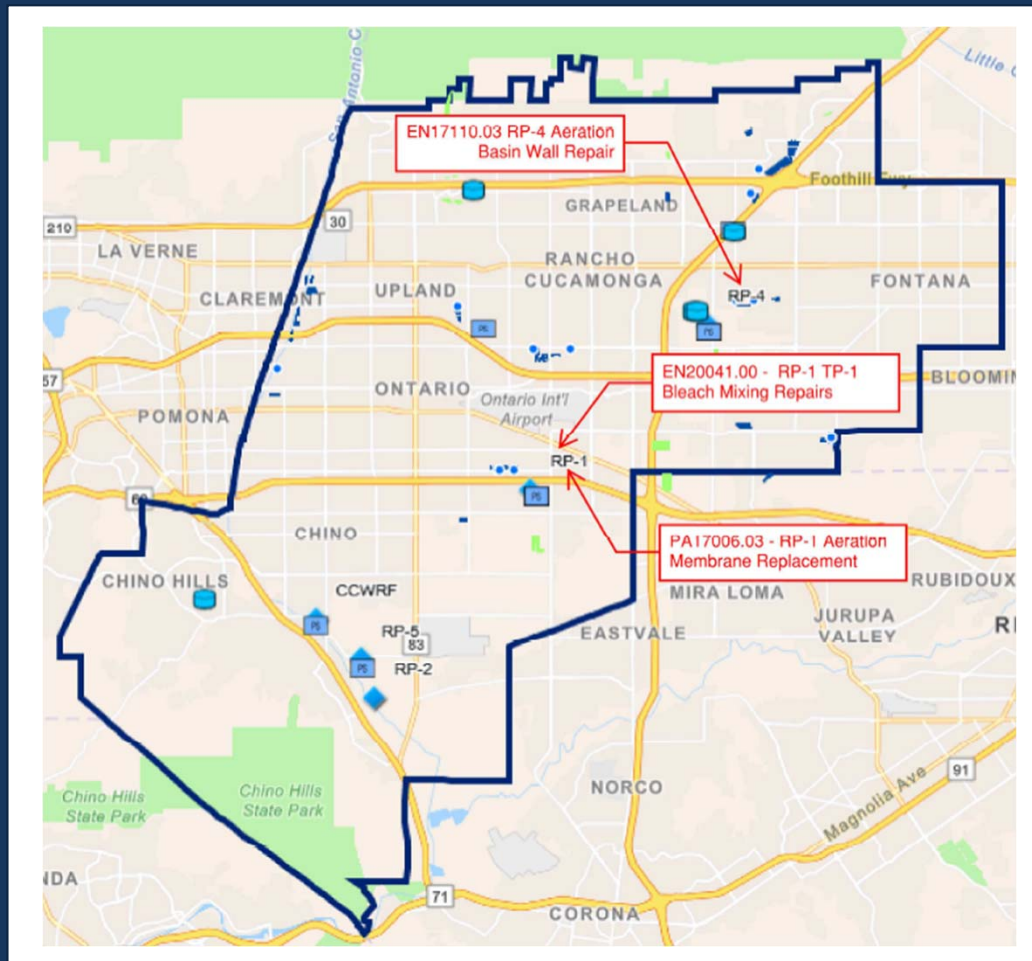
**INFORMATION
ITEM**

2B



Engineering and Construction Management Project Updates

Jerry Burke, PE
Manager of Engineering
July/August 2021



Project Location Map

RP-1 TP-1 Bleach Mixing Repairs

Project Goal: Rehabilitate/Repair Existing Assets



Total Project Budget: \$680 K
Project Completion: November 2021
Construction Percent Complete: 5%

| Phase | Consultant/ Contractor | Current Contract | Amendments/ Change Orders |
|---------------------------|---------------------------|---------------------|------------------------------|
| Design | GHD | \$98 K | 0% |
| Construction (Current) | WA Rasic | \$417 K | 0% |

RP-1 Aeration Membrane Replacement

Project Goal: Extend Asset Life

Total Project Budget: \$2.9 M
Project Completion: September 2022
Design Percent Complete: 100%

| Phase | Consultant/ Contractor | Current Contract | Amendments/ Change Orders |
|--------------------------|---------------------------|---------------------|------------------------------|
| Bid & Award (Current) | In-House | N/A | 0% |
| Construction | TBD | \$0 | 0% |



RP-4 Aeration Basin Wall Repair

Project Goal: Increase Operational Efficiency



Total Project Budget: \$5 M
Project Completion: December 2021
Percent Complete: 57%

| Phase | Consultant/ Contractor | Current Contract | Amendments/ Change Orders |
|---------------------------|---------------------------|---------------------|------------------------------|
| Design | Carollo Engineering | \$90 K | 0% |
| Construction (Current) | Genesis Construction | \$4.2 M | 2.8% |

**INFORMATION
ITEM**

2C

Date: June 16, 2021

To: The Honorable Board of Directors

From: Shivaji Deshmukh, General Manager

Committee: Engineering, Operations & Water Resources

06/09/21

Executive Contact: Randy Lee, Executive Manager of Operations/AGM

Subject: 2021 Sewer System Management Plan Audit Report Update

Executive Summary:

In 2006, the State Water Resources Control Board adopted Order No. 2006-0003. The Order requires entities that own or operate sanitary sewer systems of more than one mile of pipes and sewer lines, referred to as Enrollees, to develop and maintain a Sewer System Management Plan (SSMP). The goal of the plan is to reduce the number and severity of Sanitary Sewer Overflows. The Order required that the SSMP be adopted by the enrollee's governing board, updated every five years, and internally audited every two years.

The Agency's Board of Directors adopted and certified the Agency's first SSMP in 2009. In 2019, staff completed the most recent biannual internal audit and the five-year update. In March 2021, Agency staff completed the biannual internal audit to comply with the terms of the Order. The findings and recommendations resulting from the audit are attached with this Board letter and will be utilized to update future SSMP.

Agency Department and Executive Managers have been briefed on the findings in the 2021 SSMP Audit Report and the report has been certified by the Legally Responsible Official, Randy Lee, Executive Manager of Operations/AGM.

Staff's Recommendation:

This is an informational item for the Board of Directors to receive and file.

Budget Impact *Budgeted (Y/N):* N *Amendment (Y/N):* N *Amount for Requested Approval:*

Account/Project Name:

Not Applicable

Fiscal Impact (explain if not budgeted):

Not Applicable

Prior Board Action:

On April 15, 2009, the Board of Directors approved the IEUA Sewer System Management Plan (SSMP).

On April 17, 2019, the Board of Directors adopted Resolution No. 2019-4-4, approving the Sewer System Management Plan (SSMP).

Environmental Determination:

Not Applicable

Business Goal:

The 2021 SSMP Audit Report Update, is consistent with the IEUA's Business Goal of Wastewater Management, specifically the Asset Management objective that IEUA will ensure the regional sewer system and treatment facilities are well maintained, upgraded to meet evolving requirements, sustainability managed, and can accommodate changes in regional water use.

Attachments:

Attachment 1 - PowerPoint Presentation

Attachment 2 - 2021 SSMP Biannual Audit Report



2021 Sewer System Management Plan (SSMP) Audit Report

Lucia Diaz
Deputy Manager of Maintenance
June 2021

2021 SSMP Audit

- In 2006, State Water Resources Control Board adopted an Order that requires:
 - Owners of wastewater collection systems must have a SSMP in place
 - Adopted by its governing board
 - Updated every five years
 - Self-audited every two years
- Goal of the SSMP
 - Reduce sanitary sewer overflows



2021 SSMP AUDIT REPORT

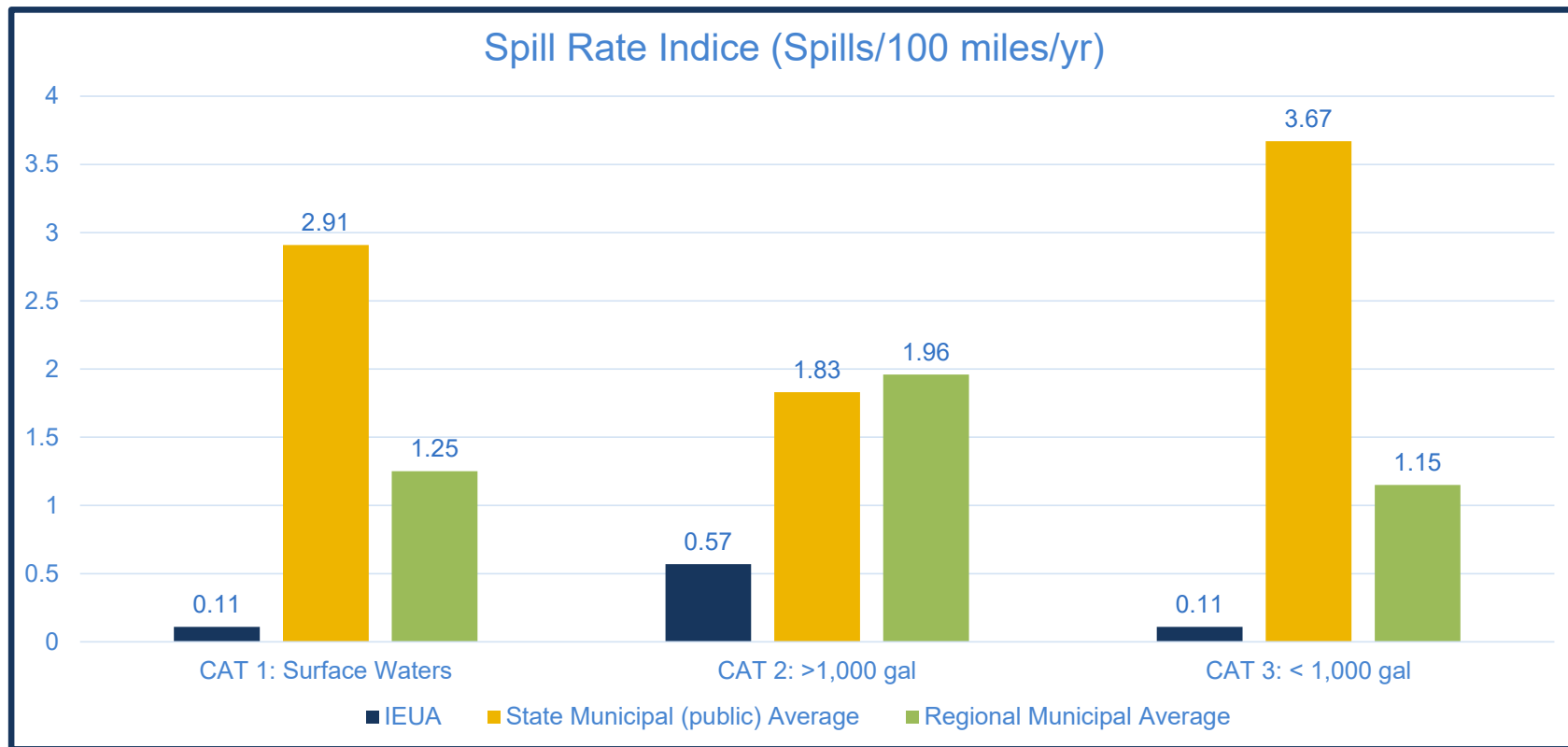


Prepared by:
Inland Empire Utilities Agency

Period Covered: May 2, 2019 to May 2, 2021
Analyzed Data up to March 1, 2021

WDID #8SSO10580

SSMP Effectiveness



2021 SSMP Audit Process

Internal Audit Team

| Name | Position |
|-----------------|------------------------------|
| Teresa Velarde | Manager of Internal Audit |
| Julio Im | Senior Associate Engineer |
| Kenneth Monfore | Manager of Asset Management |
| Lucia Diaz | Deputy Manager Maintenance |
| Daniel Dyer | Collection System Supervisor |

The 2021 SSMP Audit:

- From May 2019 to March 2021
- All 11 elements and appendices
- Assigned sufficiency rankings
- Documents:
 - Deficiencies
 - Necessary corrective actions

2021 SSMP Audit

Scoring and Ranking System

| Scoring Range | Ranking |
|---------------|------------------------|
| 3.60 – 4.00 | A – Well Above Average |
| 2.60 – 3.59 | B – Above Average |
| 1.60 – 2.59 | C – Average |
| 0.60 – 1.59 | D – Below Average |
| 0.00 – 0.59 | F – Not in Compliance |

Ranking and Scoring Results

| SSMP Elements | | 2021 | |
|---------------|--------------------------|---------|-------|
| | | Ranking | Score |
| 1 | Goals | B | 3 |
| 2 | Organization | B | 3 |
| 3 | Legal Authority | A | 4 |
| 4 | Operations & Maintenance | B | 3 |
| 5 | Design & Performance | A | 4 |
| 6 | OERP* | B | 3 |
| 7 | Fat, Oil, Grease | A | 4 |
| 8 | SECAP** | A | 4 |
| 9 | MMPM*** | A | 4 |
| 10 | SSMP Audits | A | 4 |
| 11 | Communication | B | 3 |
| Overall | | B | 3.55 |

*OERP: Overflow Emergency Response Plan

**SECAP: System Evaluation & Capacity Assurance Plan

***MMPM: Monitoring, Measurement, and Program Modifications

Overall Effectiveness Evaluation

IEUA's Overall Effectiveness is Improving

| Overall Effectiveness Evaluation | 2019 | | 2021 | |
|-------------------------------------|---------|-------|---------|-------|
| | Ranking | Score | Ranking | Score |
| 1. Element Sufficiency Rankings | C | 2.27 | B | 3.55 |
| 2. Meeting Agency's Goals | B | 3.00 | B | 3.37 |
| 3. Attaining California State Goals | B | 3.33 | B | 3.33 |
| Overall | B | 2.87 | B | 3.42 |



Areas of Improvement

- Element 7 and 11
 - Fats, Oils, Grease (FOG) Control Plan and Communication Program
 - External Affairs partnership with Sewer Collections Team
 - Social media awareness
- Element 9
 - Monitoring, Measurement, and Program Modifications
 - SmartCover units to monitor the system
 - Sewer Collections added 14 SmartCovers within the last audit period, with 10 more by the end of the fiscal year.



Questions?



The 2021 SSMP Audit Report Update, is consistent with the IEUA's Business Goal of Wastewater Management, specifically the Asset Management objective that IEUA will ensure the regional sewer system and treatment facilities are well maintained, upgraded to meet evolving requirements, sustainability managed, and can accommodate changes in regional water use.

RECEIVE AND
FILE

3A



Regional Sewerage Program Policy Committee Meeting

AGENDA

Thursday, August 5, 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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- 1. Technical Committee Report** *(Oral)*
- 2. Action Item**
 - A. Approval of July 1, 2021 Policy Committee Meeting Minutes
- 3. Informational Items**
 - A. Engineering Quarterly Project Update
 - B. Regional Contract Negotiation Update *(Oral)*
- 4. Receive and File**
 - A. Operations Division Quarterly Update
 - B. SSMP Audit Report
 - C. Building Activity Report
 - D. Recycled Water Distribution – Operations Summary
 - E. Wastewater Connection Fee Rates
 - F. Regional Contract Negotiations Meeting Notes
- 5. Policy Committee Items Distributed**
 - A. Chino Basin Program | Water Storage Investment Program Fact Sheet
- 6. Other Business**
 - A. IEUA General Manager's Update
 - B. Committee Member Requested Agenda Items for Next Meeting
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 - D. Next Meeting – September 2, 2021

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Regional Sewerage Program Policy Committee Meeting Agenda

August 5, 2021

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Sally H. Lee

DRAFT

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3B

Building Activity Report - YTD Fiscal Year 2020/21



Legend

- Service Area
- Unincorporated

EDU (YTD)

Residential

- <=1.0
- 1.0 - 10.0
- >10.0

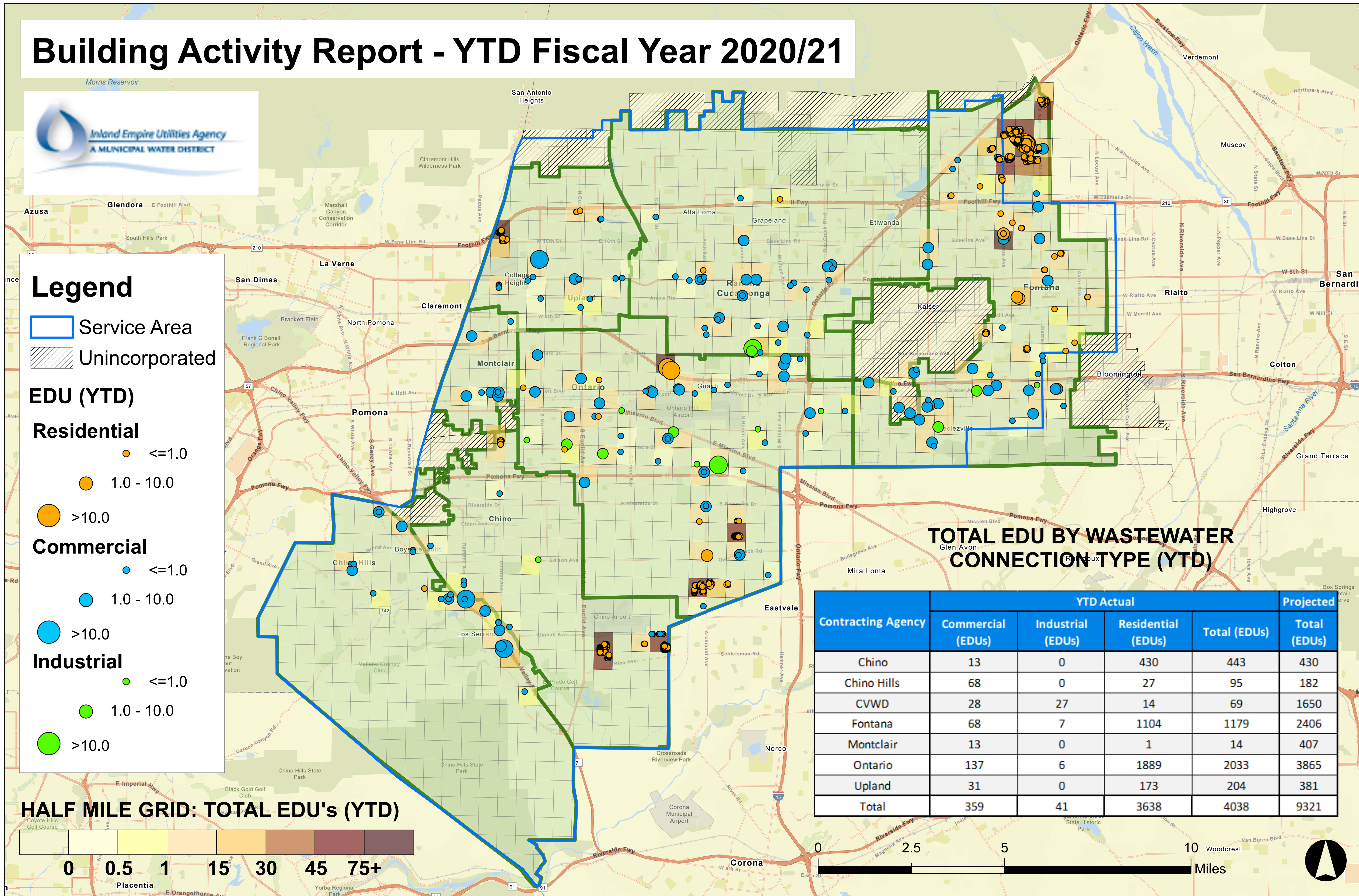
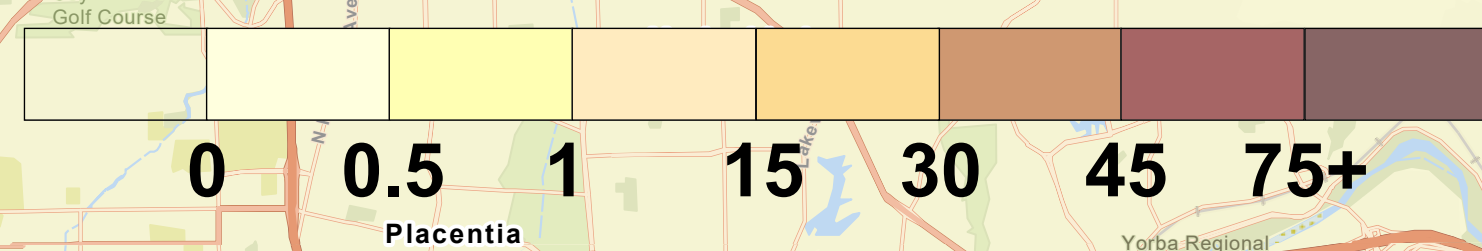
Commercial

- <=1.0
- 1.0 - 10.0
- >10.0

Industrial

- <=1.0
- 1.0 - 10.0
- >10.0

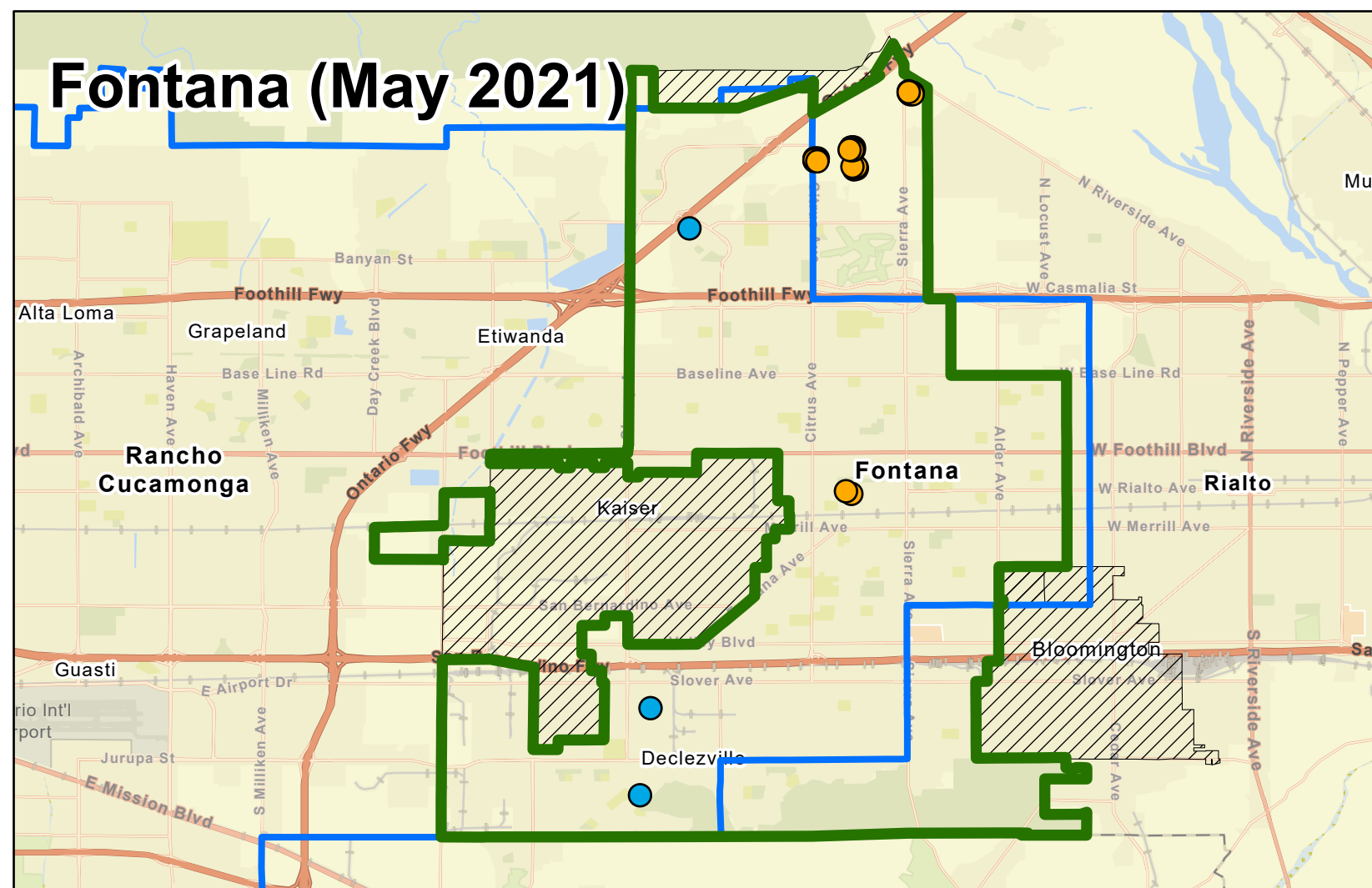
HALF MILE GRID: TOTAL EDU's (YTD)



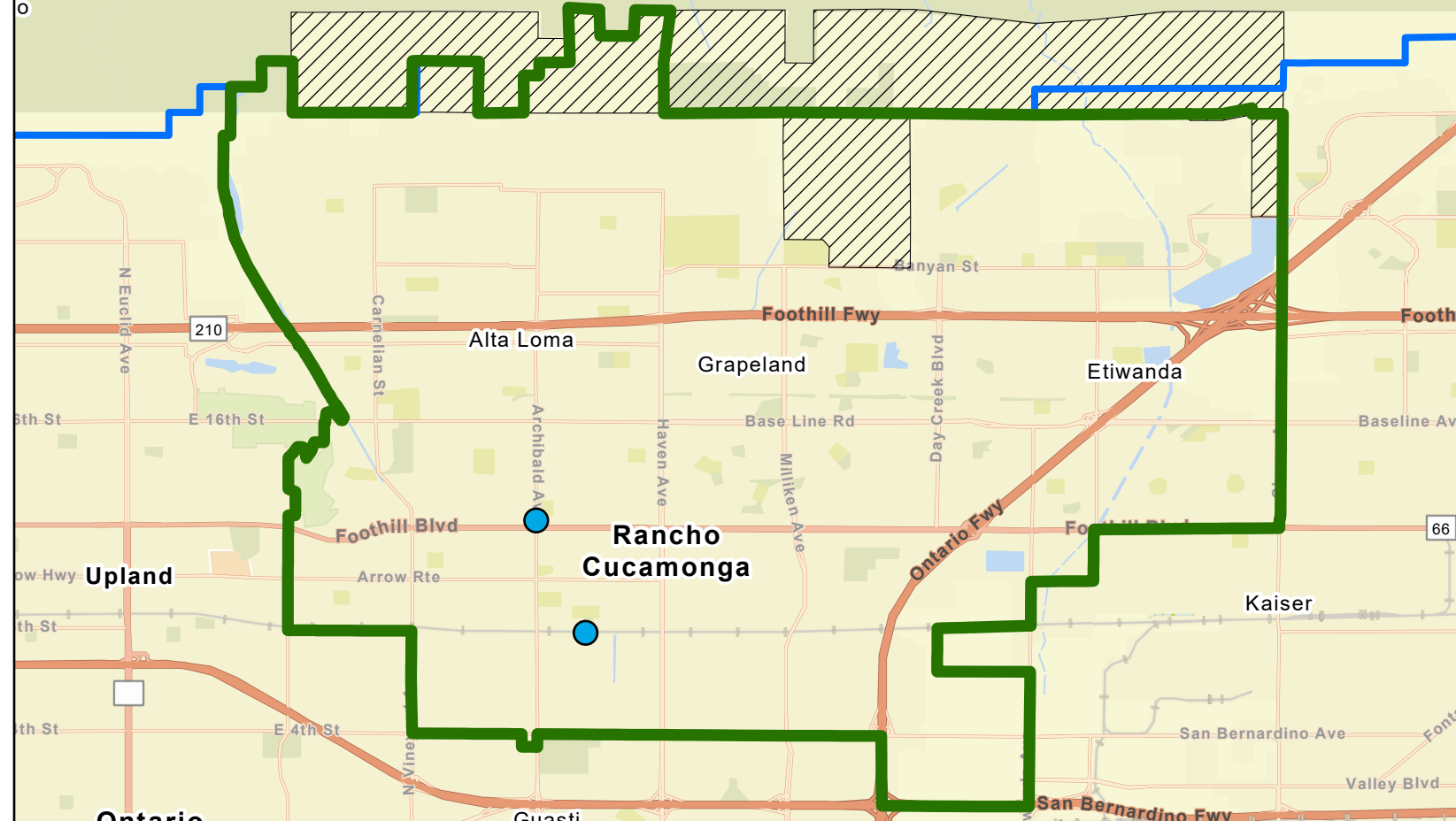
TOTAL EDU BY WASTEWATER CONNECTION TYPE (YTD)

| Contracting Agency | YTD Actual | | | | Projected |
|--------------------|-------------------|-------------------|--------------------|--------------|-----------|
| | Commercial (EDUs) | Industrial (EDUs) | Residential (EDUs) | Total (EDUs) | |
| Chino | 13 | 0 | 430 | 443 | 430 |
| Chino Hills | 68 | 0 | 27 | 95 | 182 |
| CVWD | 28 | 27 | 14 | 69 | 1650 |
| Fontana | 68 | 7 | 1104 | 1179 | 2406 |
| Montclair | 13 | 0 | 1 | 14 | 407 |
| Ontario | 137 | 6 | 1889 | 2033 | 3865 |
| Upland | 31 | 0 | 173 | 204 | 381 |
| Total | 359 | 41 | 3638 | 4038 | 9321 |

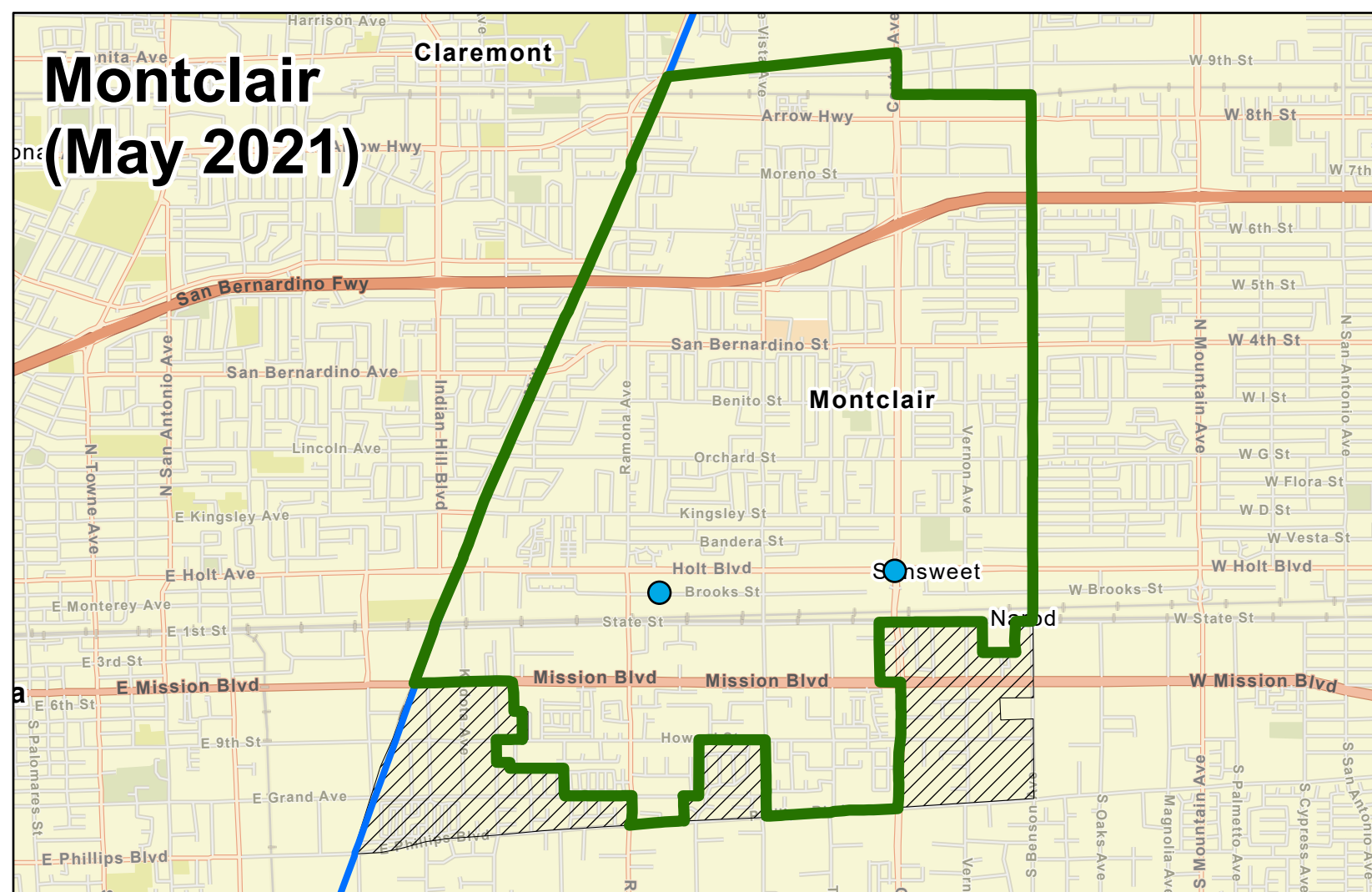
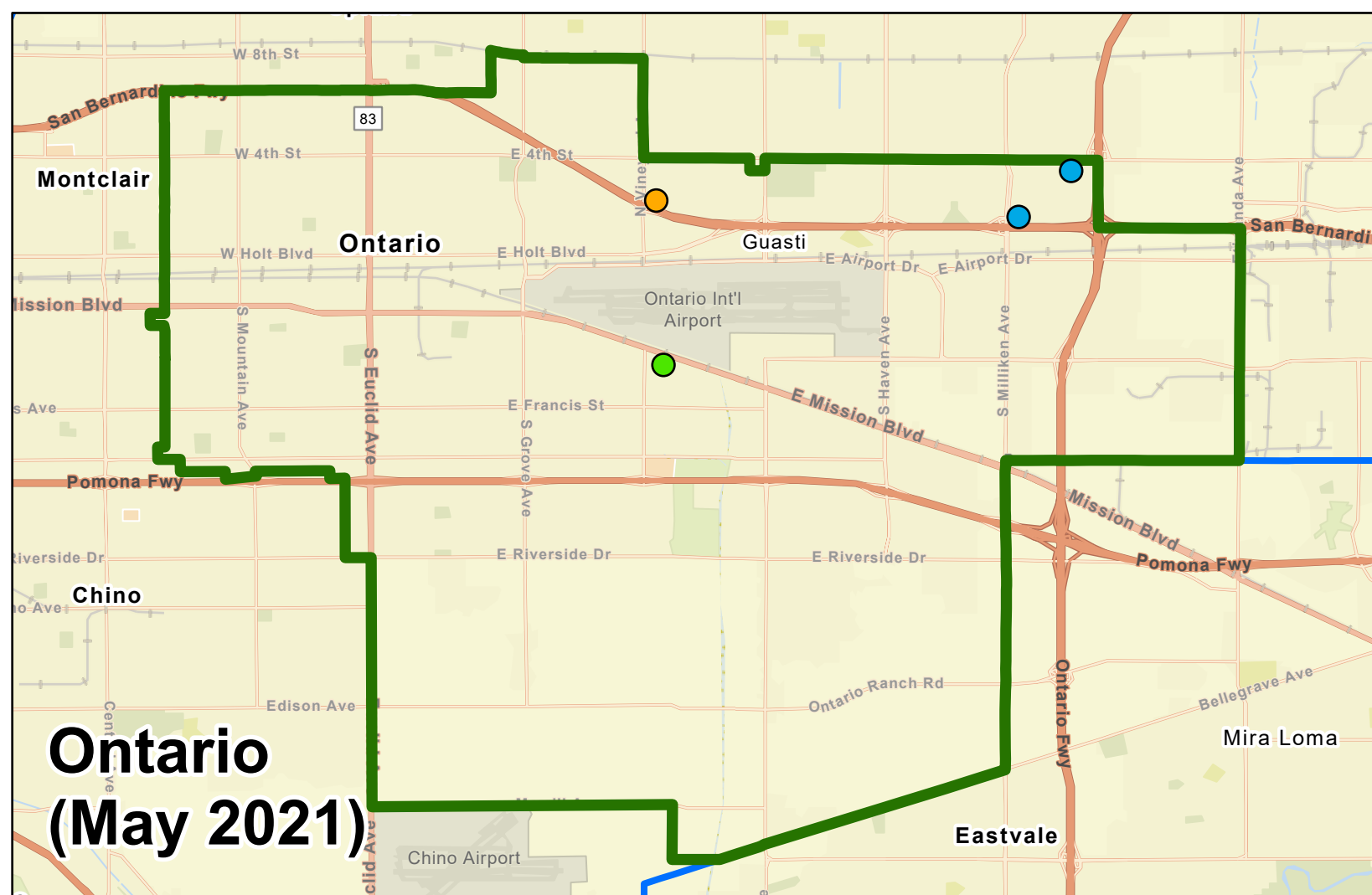
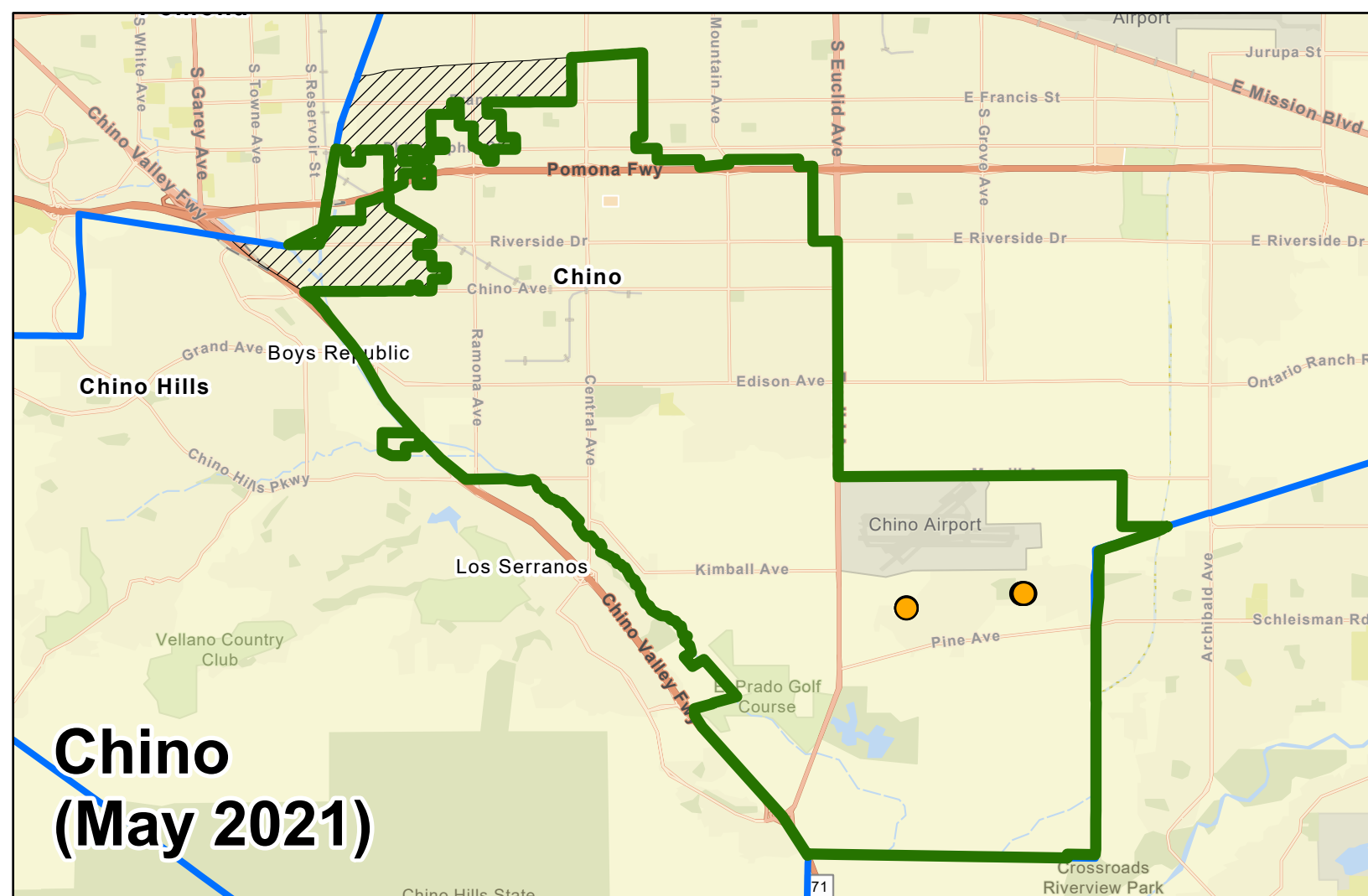
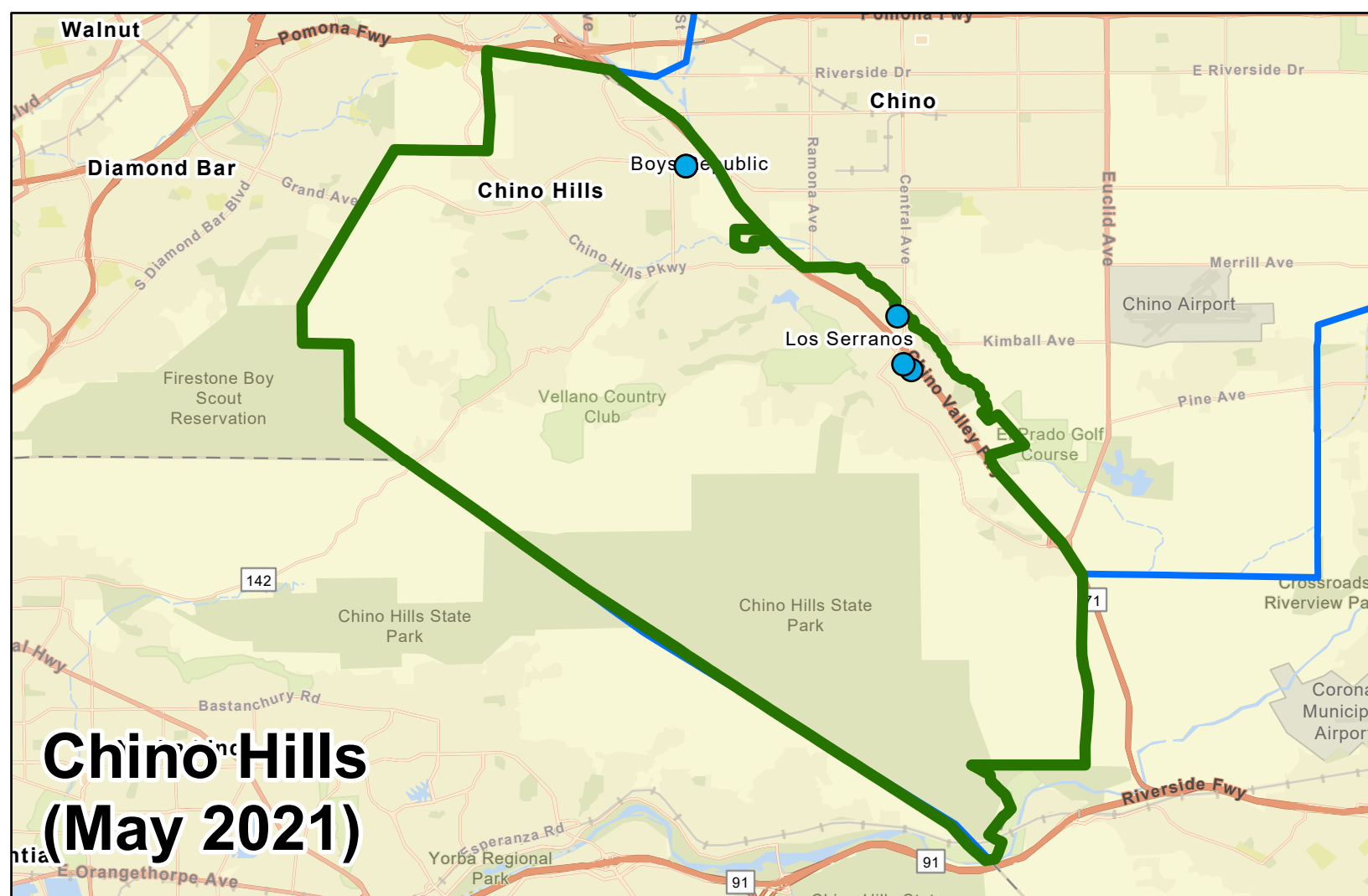
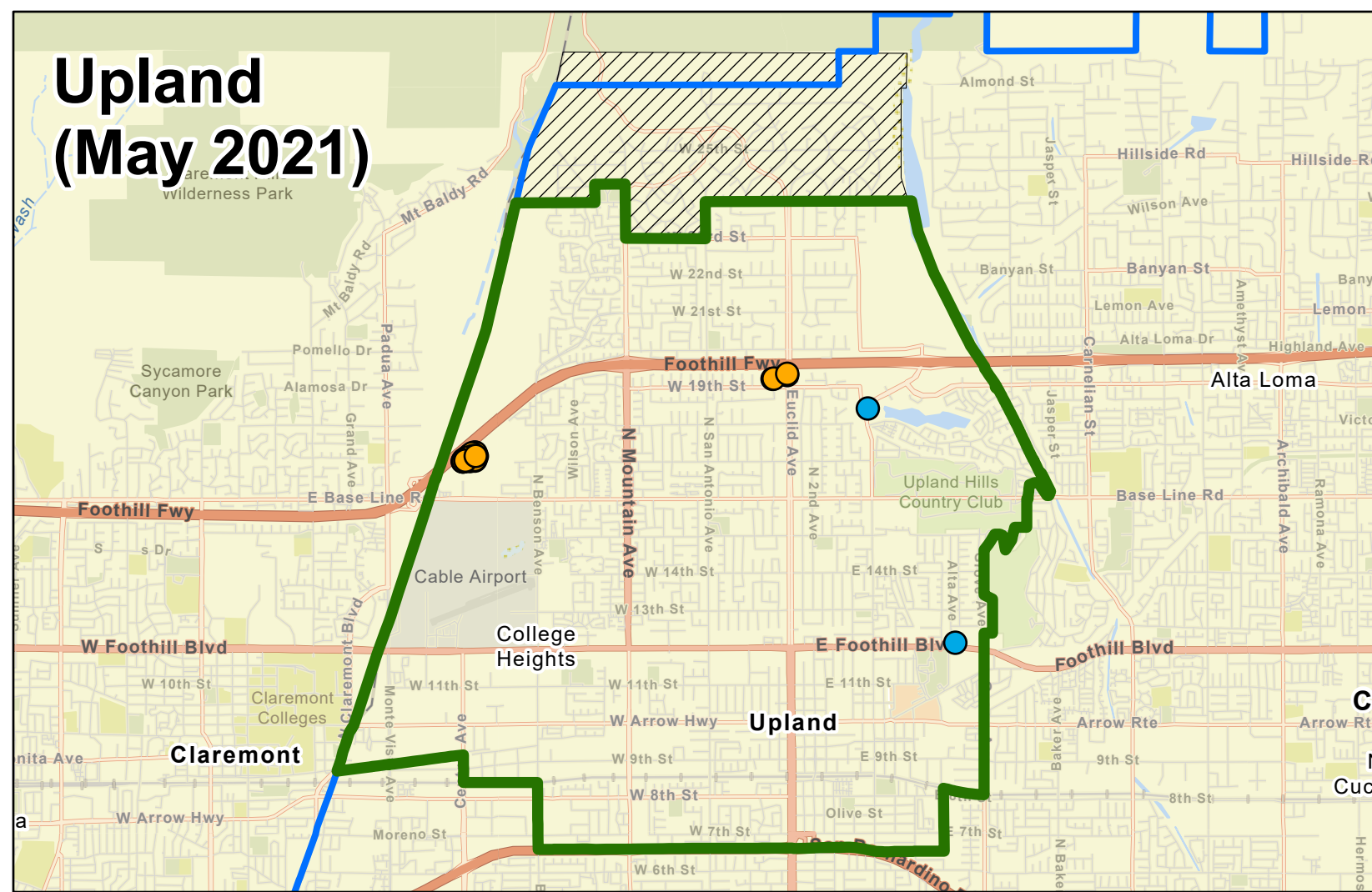
Fontana (May 2021)



Cucamonga Valley Water District (May 2021)



Upland (May 2021)



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3C

IEUA RECYCLED WATER DISTRIBUTION – JUNE 2021

TOTAL ALL PLANTS

Influent: 49.9 MGD

Delivered: 38.0 MGD

Percent Delivered: 76%

Preliminary Deliveries

RW GWR: 14.2 MGD

RW Direct Use: 23.8 MGD

RP-4

Delivered: 8.4 MGD

RP-1

Delivered: 20.1 MGD

CCWRF

Delivered: 7.2 MGD

RP-5

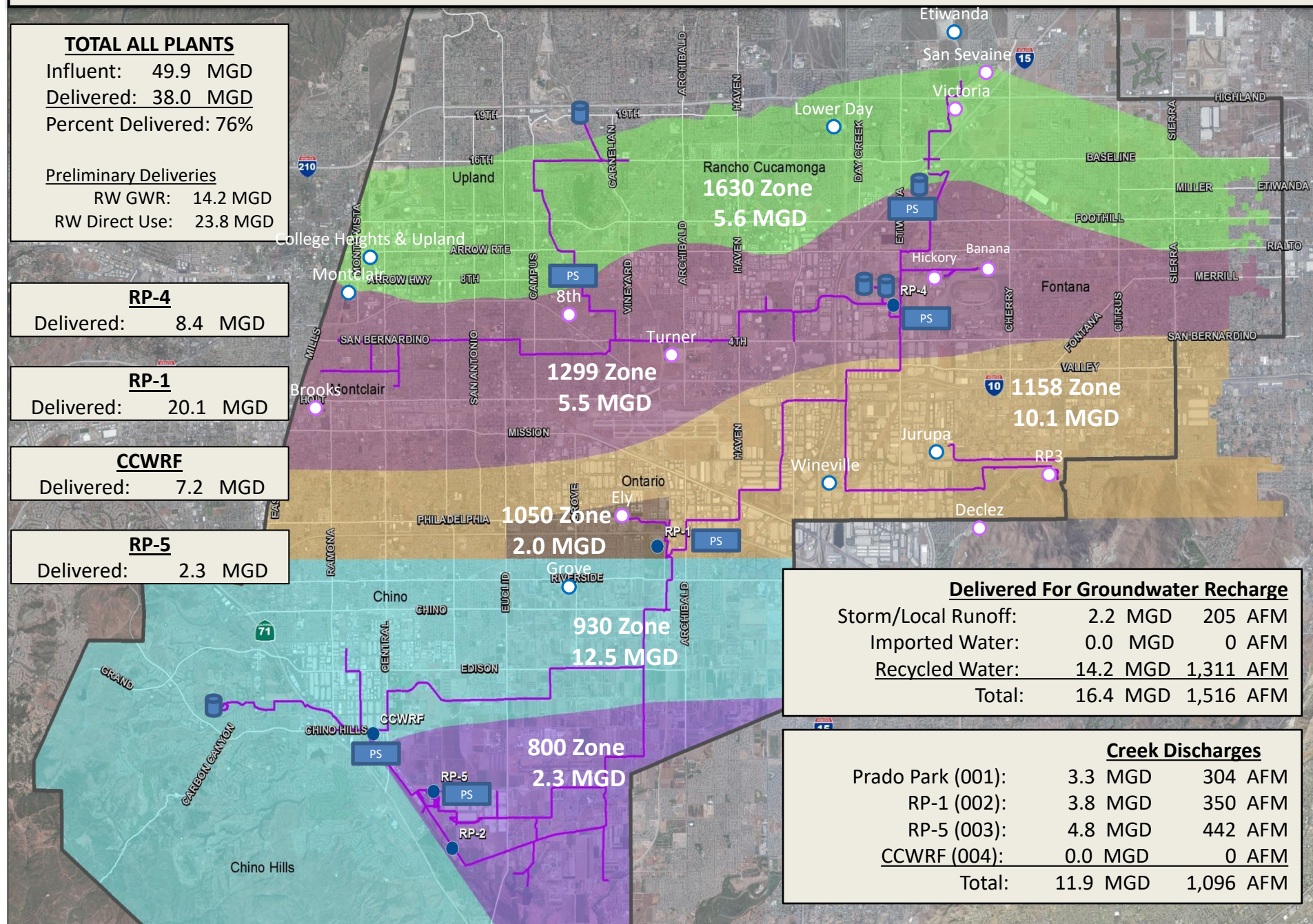
Delivered: 2.3 MGD

Delivered For Groundwater Recharge

| | | |
|---------------------|----------|-----------|
| Storm/Local Runoff: | 2.2 MGD | 205 AFM |
| Imported Water: | 0.0 MGD | 0 AFM |
| Recycled Water: | 14.2 MGD | 1,311 AFM |
| Total: | 16.4 MGD | 1,516 AFM |

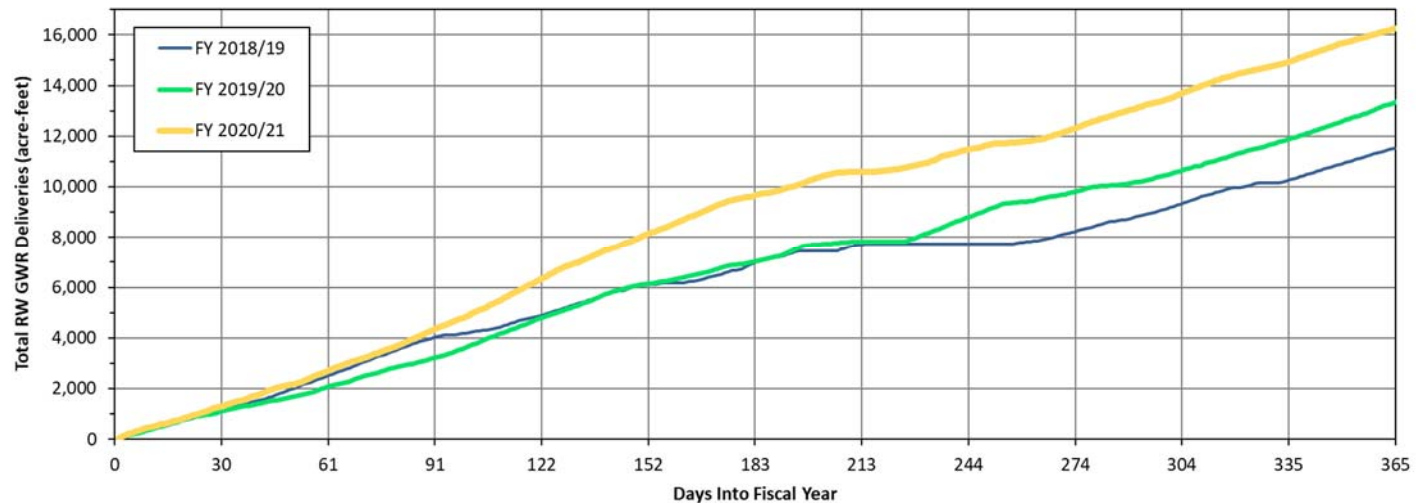
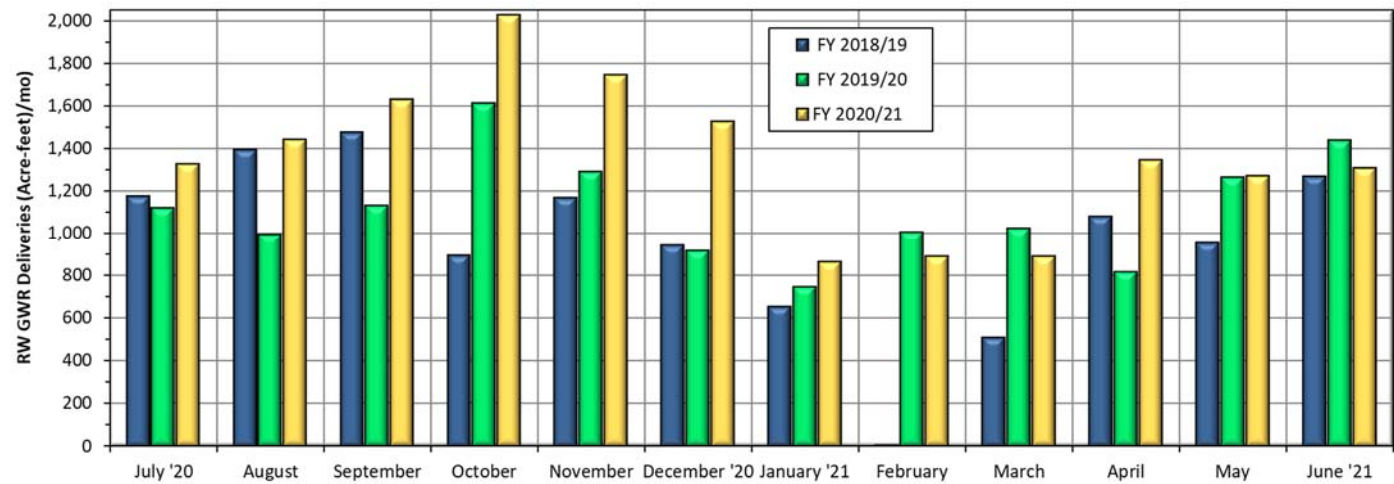
Creek Discharges

| | | |
|-------------------|----------|-----------|
| Prado Park (001): | 3.3 MGD | 304 AFM |
| RP-1 (002): | 3.8 MGD | 350 AFM |
| RP-5 (003): | 4.8 MGD | 442 AFM |
| CCWRF (004): | 0.0 MGD | 0 AFM |
| Total: | 11.9 MGD | 1,096 AFM |



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

| Basin | 6/1-6/5 | 6/6-6/12 | 6/13-6/19 | 6/20-6/26 | 6/27-6/30 | Month Actual | FY To Date Actual | Deliveries are draft until reported as final and do not included evaporative losses. | |
|--------------|---------|----------|-----------|-----------|-----------|--------------|-------------------|--|------------------------------|
| Ely | 39.8 | 45.5 | 43.7 | 36.2 | 24.6 | 189.8 | 1231 | | |
| Banana | 22.0 | 33.5 | 33.7 | 6.7 | 2.1 | 98.0 | 869 | | |
| Hickory | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 245 | | |
| Turner 1 & 2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 576 | | |
| Turner 3 & 4 | 0.0 | 3.6 | 0.0 | 0.0 | 0.0 | 3.6 | | | |
| 8th Street | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 767 | | |
| Brooks | 0.0 | 0.0 | 0.0 | 31.8 | 23.7 | 55.5 | 968 | | |
| RP3 | 84.8 | 120.3 | 100.3 | 104.1 | 62.5 | 472.0 | 6876 | | |
| Declez | 27.6 | 40.4 | 24.2 | 38.0 | 22.4 | 152.6 | 961 | | |
| Victoria | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1044 | | |
| San Sevaine | 79.6 | 86.8 | 82.3 | 67.2 | 23.1 | 339.0 | 2717 | | |
| Total | 253.8 | 330.1 | 284.2 | 284.0 | 158.4 | 1,310.5 | 16,252.8 | 13,381 | AF previous FY to day actual |



TECHNICAL COMMITTEE ITEMS DISTRIBUTED

4A

Chino Basin Program | Water Storage Investment Program (CBP | WSIP)

June 2021



WHAT IS THIS PROGRAM?

The Inland Empire Utilities Agency (IEUA) submitted the Chino Basin Program for Proposition 1 Water Storage Investment Program (WSIP) funding in 2017 on behalf of the IEUA region. The CBP | WSIP invests \$212M of State funding to augment local investment in wastewater treatment, wells, pumps, and pipelines to make available, distribute and store new advanced treated water supplies within the Chino Basin. In exchange for this funding, the CBP | WSIP would make available 375,000 acre-feet of water in Lake Oroville over 25 years for the California Department of Fish & Wildlife to manage for the purpose of improving habitat for native fish populations in the Bay-Delta watershed.

HOW WILL THIS PROGRAM WORK?

The CBP | WSIP new advanced treated local water supplies would meet a portion of IEUA's State Water Project (SWP) demand with the objective of providing an equal amount of SWP supplies in Lake Oroville that would otherwise have been delivered to the Metropolitan Water District of Southern California (MWD). MWD recognizes the benefits of the CBP | WSIP project and has committed to partnering with IEUA to facilitate the exchange of water between the SWP and IEUA. To keep MWD "whole," IEUA would replace MWD's reduced SWP supplies with local CBP | WSIP supplies through a combination of actions: (1) IEUA reducing its MWD water demands by consuming the locally stored CBP | WSIP water and (2) pumping CBP | WSIP local water into MWD's Rialto Feeder.

HOW MUCH WILL THIS PROGRAM COST?

The CBP | WSIP total capital cost is estimated to be \$650M (\$2019). With a State investment of \$212M, the local cost share is approximately \$438M (\$2019). The capital cost is proposed to be funded by a combination of wastewater rates, One Water connection fees, property taxes, and investments by participating agencies. The Operations and Maintenance (O&M) cost for the wastewater related costs will be borne by monthly wastewater rates. The O&M cost for water supply resilience and reliability will be borne by participating agencies.

In addition, IEUA was approved for \$8.9M by the California Water Commission for reimbursement of 100% of all planning costs related to the CBP | WSIP program.

WHAT ARE THE BENEFITS?

Chino Basin Benefits: The advanced treated water would reduce salinity and improve water quality in the Chino Basin, while also addressing subsidence concerns. This program will enhance local water supplies, provide new levels of intra-basin water management flexibility, and reduce regional dependence on imported water from the SWP.

Specific benefits include:

- This external funding would help fund many of the capital improvement projects already planned for the Chino Basin.
- The facilities would remove salinity from recycled water, improving the sustainability of local water supplies and decreasing dependency on SWP supplies.
- The facilities would be available for local use during the 25-year CBP | WSIP water exchange commitment period when not needed for the CBP | WSIP purpose.
- The facilities and water supplies would help mitigate water shortages during low SWP allocation years, such as 2021.
- The facilities would provide local water deliveries replacing the SWP deliveries in the Rialto Feeder service area during planned and unplanned service interruptions.
- The facilities would provide emergency water supplies following a catastrophic event that damages imported water infrastructure.
- The facilities would be available to meet IEUA and its member agencies' needs after the 25-year CBP | WSIP commitment in perpetuity.

IEUA has been working collaboratively with the member agencies to refine the facilities and terms of operations to meet the needs raised by the stakeholders within the Chino Basin while balancing the CBP | WSIP requirements, including the proposed water exchange.

WHAT ARE THE NEXT STEPS?

CBP | WSIP Workgroup Meetings

- Mid-July
- Mid-August

Policy Workshop

- Mid-September

IEUA Board Action (Final Assessment)

- October 20

California Water Commission Meeting

- November 17