

Regional Sewerage Program Technical Committee Meeting Agenda

May 25, 2023

Page 2 of 2

1. Action Items

- A. Approval of April 27, 2023 Technical Committee Meeting Minutes
- B. Building Activity Report (BAR) Subcommittee Report & Procedural Guideline Language Adoption
- C. Review of Proposed Biennial Budget for Fiscal Years 2023/24 and 2024/25 for the Regional Wastewater and Recycled Water Programs

2. Informational Items

- A. Ten-Year Capital Improvement Plan & Sewer Capital Forecast FY 2023/24 – FY 2032/33
- B. Chino Basin Program Consulting Program Management and Owner Engineering Solicitation Update
- C. Pretreatment & Compliance Updates (*Oral*)

3. Receive and File

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

4. Other Business

- A. Committee Member Requested Agenda Items for Next Meeting
- B. Committee Member Comments
- C. Next Regular Meeting – June 29, 2023

Adjourn

DECLARATION OF POSTING

I, Laura Mantilla, Executive Assistant of the Inland Empire Utilities Agency*, a Municipal Water District, hereby certify that, per Government Code Section 54954.2, a copy of this agenda has been posted at the Agency's main office, 6075 Kimball Avenue, Building A, Chino, CA and on the Agency's website at www.ieua.org at least seventy-two (72) hours prior to the meeting date and time above.

In compliance with the Americans with Disabilities Act, if you need special assistance to participate in this meeting, please contact Laura Mantilla at (909) 993-1944 or lmantilla@ieua.org 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 APRIL 27, 2023

CALL TO ORDER

A regular meeting of the IEUA/Regional Sewerage Program – Technical Committee was held via teleconference on Thursday, April 27, 2023. Committee Chair Ron Craig/City of Chino Hills called the meeting to order at 2:00 p.m. Recording Secretary Laura Mantilla took roll call and established a quorum was present.

COMMITTEE MEMBERS PRESENT VIRTUALLY:

Dave Crosley	City of Chino
Ron Craig	City of Chino Hills
Eduardo Espinoza	Cucamonga Valley Water District (CVWD)
Brian Wolfe	City of Fontana
Monica Heredia	City of Montclair
Chris Quach	City of Ontario
Nicole deMoet	City of Upland
Ken Tam	Inland Empire Utilities Agency (IEUA)

OTHERS PRESENT VIRTUALLY:

Randall Reed	CVWD
Arin Boughan	IEUA
Jerry Burke	IEUA
Pierre Cayatte	IEUA
Javier Chagoyen-Lazaro	IEUA
Kristine Day	IEUA
Robert Delgado	IEUA
Shivaji Deshmukh	IEUA
Adrienne Fernandez	IEUA
Christian Gomez	IEUA
Don Hamlett	IEUA
Branden Hodges	IEUA
Scott Lening	IEUA
Alex Lopez	IEUA
Laura Mantilla	IEUA
Jason Marseilles	IEUA
Liza Muñoz	IEUA

OTHERS PRESENT (continued):

Matt Poeske	IEUA
Steven Smith	IEUA
Travis Sprague	IEUA
Ashley Womack	IEUA
Jamal Zughbi	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 MARCH 30, 2023 TECHNICAL COMMITTEE MEETING MINUTES**

Motion: By Committee member Crosley/City of Chino and seconded by Committee member deMoet/City of Upland to approve the meeting minutes of March 30, 2023, Regional Technical Committee meeting by the following vote:

Ayes: Crosley, deMoet, Quach, Tam, Wolfe, Craig

Noes: None

Absent: None

Abstain: Espinoza, Heredia

The motion passed by a vote of 6 ayes, 0 noes, 0 absent, 2 abstain.

B. RP-1 DIGESTERS 6 AND 7 REHABILITATION AND ROOF REPAIRS CONSTRUCTION CONTRACT AWARD

Travis Sprague/IEUA provided an overview of the project location, background, scope of work, budget, and schedule.

Chair Craig asked if the \$3.5 million budget augmentation is associated with cost and labor increases or scope as well. Mr. Sprague explained there were scope increases for Digester 7 which was the rehabilitation of the recirculation pumps and the recoating of Digester 6. He also noted that the increases were incorporated in the TYCIP projections for fiscal year 2023/24.

Motion: By Committee member Quach/City of Ontario and seconded by Committee member deMoet/City of Upland that the Regional Committees recommend the IEUA Board of Directors award the construction contract for the RP-1 Digesters 6 and 7 Rehabilitation and Roof Repairs, Project No. EN17042, to Innovative Construction Solutions in the amount of \$4,930,500 by the following vote:

Ayes: Crosley, deMoet, Espinoza, Heredia, Quach, Tam, Wolfe, Craig

Noes: None

Absent: None

Abstain: None

The motion passed by a vote of 8 ayes, 0 noes, 0 absent, and 0 abstain.

C. RP-1 SCADA MIGRATION PROJECT CONSTRUCTION CONTRACT AWARD

Travis Sprague/IEUA gave an overview of the project location, background, scope, contractor selection, budget, and schedule.

Motion: By Committee member Crosley/City of Chino and seconded by Committee member Quach/City of Ontario that the Regional Committees recommend the IEUA Board of Directors award the construction contract for the RP-1 SCADA Migration, Project No. EN13016.05 to CDM Constructors Inc., in the amount of \$9,695,500 by the following vote:

Ayes: Crosley, deMoet, Espinoza, Heredia, Quach, Tam, Wolfe, Craig
Noes: None
Absent: None
Abstain: None

The motion passed by a vote of 8 ayes, 0 noes, 0 absent, and 0 abstain.

2. INFORMATIONAL ITEMS**A. FISCAL YEARS 2023/24 AND 2024/25 BIENNIAL BUDGET OVERVIEW OF THE REGIONAL WASTEWATER AND RECYCLED WATER PROGRAMS**

Alex Lopez/IEUA provided an overview of the fiscal years (FYs) 2023/24 and 2024/25 biennial budget for the Regional Wastewater and Recycled Water Programs. He reviewed the key assumptions, rates and fees, property tax allocation, total sources, and uses of funds for the Programs.

Discussion ensued on the location of the advanced water treatment facility (AWT), design efforts, regulatory compliance, sources of funds for the project, and the Chino Basin Program (CBP). Committee member Espinoza/CVWD asked for clarification on Table 8 and Table 12 of the staff report as it listed the AWT project at RP-1. Committee member Tam/IEUA stated that there is only one AWT project at RP-4. Jerry Burke/IEUA noted that Table 8 had a typo on the location and confirmed the project location is RP-4.

Committee member Espinoza recommended that the funding sources for the AWT project be alienated when presented to the Policy Committee. Committee member Quach recommended that the typo in Table 8 be corrected. Committee member Espinoza stated it would be helpful to show the current fiscal year in the report to compare with the next two years.

B. RECYCLED WATER GROUNDWATER RECHARGE UPDATE

Steve Smith/IEUA provided an update on stormwater and recycled water monthly accumulation and stormwater deliveries to date. He also provided an update on the upcoming maintenance projects.

C. OPERATIONS & MAINTENANCE DEPARTMENT QUARTERLY UPDATE

Arin Boughan/IEUA provided an overview of the various functions performed by the Operations, Maintenance, Organics Management, and Facilities & Water System Programs Maintenance units.

D. PRETREATMENT & COMPLIANCE UPDATES

Branden Hodges/IEUA reported a foaming incident that occurred on April 10, at the Carbon Canyon Water Recycling Facility. The source was caused by a personal care product manufacturer.

Pretreatment Source Control from the City of Chino and IEUA worked with the manufacturer. The manufacturer installed additional pretreatment equipment and implemented best management practices and has had no other issues of foaming.

On April 12, a joint meeting was held with member agencies' Collections and Source Control staff to share observations related to monitoring Fats, Oils, and Greases waste haulers. IEUA will continue to hold these meetings in the future to ensure teams are on the same page.

3. RECEIVE AND FILE

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

A. DRAFT REGIONAL SEWERAGE POLICY COMMITTEE AGENDA

B. BUILDING ACTIVITY REPORT

C. RECYCLED WATER DISTRIBUTION – OPERATIONS SUMMARY

4. OTHER BUSINESS

A. COMMITTEE MEMBER REQUESTED AGENDA ITEMS

There were no committee member comments.

B. COMMITTEE MEMBER COMMENTS

There were no committee member comments.

C. NEXT MEETING – MAY 25, 2023

ADJOURNMENT – Chair Craig adjourned the meeting at 3:09 p.m.

Prepared by:

Laura Mantilla, Recording Secretary

**ACTION
ITEM**

1B

Date: May 25, 2023

To: Regional Technical Committee

From: Ken Tam, Manager of Environmental Services
Ruben Valdez, Environmental Resources Planner I
IEUA – Planning & Resources Department

Subject: Building Activity Report (BAR) Subcommittee Report and Procedural Guideline
Language Adoption

RECOMMENDATION

It is recommended that the Regional Technical Committee adopt the following procedural guideline language:

In the case of a permitted industrial user facility that has limited or no records of Equivalent Dwelling Unit (EDU) purchases with the Contracting Agency and/or IEUA, the listed capacity in their current discharge permit should be considered as being paid for after the following are considered on a case-by-case basis. Since the EDU formula is comprised of flow, BOD, and TSS, at a minimum the most current 1-year Flow, BOD and TSS average should be considered through representative sampling for evaluating the facility's EDU balance. Should there be other historical records that exist which make reference to past discharge practices, they shall also be considered. The local contracting agency shall verify the EDUs in question do not exceed the capacity of its collection system. The evaluation shall then be brought to the BAR Subcommittee for review and consideration prior to allocating EDUs. Upon approval by the BAR Subcommittee, the recommended allocation will be submitted to the Technical Committee for consideration and approval and an agreement documenting the EDU allocation shall be established between the facility, the Contracting Agency, and IEUA.

BACKGROUND

In 2012, IEUA requested the formation of an Ad-hoc BAR Subcommittee through the Regional Technical Committee to streamline and bring uniformity to the monthly building activity reporting process for sewer connection fees supporting the Regional Sewerage System (RSS). The process resulted in an improved BAR data processing system and an amendment to Exhibit J in 2013. The Subcommittee was subsequently disbanded after the objectives were met.

During Regional Contract Negotiations in 2022, it was conceptually agreed amongst the negotiating parties that a standing BAR Subcommittee should be established to address fee collection uniformity. In September 2022, the Regional Technical Committee approved the formation of the BAR Subcommittee which created the same forum as in 2012 where the

Contracting Agencies and IEUA can discuss ongoing topics of concern and continue to reinforce regionally uniform RSS program fee calculation and collection. Initial topics identified by the group include handling users with no record of EDU capacity purchases, monthly sewer user fee collection, and addressing Accessory Dwelling Unit connection fees. Since the formation of the Subcommittee, IEUA and the Contracting Agencies have met four times and have identified additional topics in need of evaluation and also began the process of establishing procedural guidelines to streamline, clarify, and provide uniformity of the RSS fee collection program.

The first item addressed by the Subcommittee is related to handling permitted industrial user facilities in which no EDU purchase records exist. As a result of the collaborative approach the Subcommittee has reached a consensus and developed the language for the Regional Technical Committee's consideration as the first step in a procedural guideline document that will provide guidance and streamline the process on addressing facilities with limited to no records of EDU purchases.

ATTACHMENTS

Attachment 1 – PowerPoint Presentation

Building Activity Report (BAR) Subcommittee Report & Procedural Guideline Language Adoption

Ken Tam/Ruben Valdez
Manager of Environmental Services/Environmental
Resources Planner
May 25, 2023

Recently Formed Subcommittee Collaboratively Works to Clarify and Streamline BAR Processes

- Sept. 2022 – Regional Technical Committee approved the formation of a BAR Subcommittee
 - Regional Contract Negotiations - agreed to a Subcommittee to address fee collection uniformity
 - Contracting Agencies and IEUA subject matter experts discuss and draft guidance and procedures
- Nov. 2022 – Pre-meeting for BAR Subcommittee members
- Dec. 2022 – Discussion on various issues and process
- Jan. 2023 – Survey responses due
- Mar. 2023 – Review results of the survey and preliminary guidance language drafting
- Apr. 2023 – Topic discussion and procedural guidance language drafting
- May 2023 – Finalize procedural guidance language (Industrial Users with limited EDU Records)

Additional Topics and Discussion to Follow

- June 2023 - Evaluate commercial and non-permitted industrial users with no records of EDU purchases
- June 2023 - Frequency of industrial discharger's need to purchase additional EDUs
- June 2023 - Frequency of updating strength data for industrial users for monthly sewer billing purposes
- Aug. 2023 - Accessory Dwelling Units
- Sept. 2023 - Monthly sewer use fees
- Oct. 2023 - Procedure for permitting industrial users relocating from outside the IEUA service area
- Additional topics from members of the Subcommittee

Collaborative Steps Taken to Finalize Procedural Guidance Language – Permitted Industrial Users with Limited EDU Records

- Background
 - Issue – Permitted Industrial Users with limited Equivalent Dwelling Unit (EDU) Records
 - Baseline capacity evaluation needed should Industry expand operations
- Process
 - Survey results
 - General consensus – Capacity listed in discharge permit considered paid for upon evaluation by BAR Subcommittee. Historical discharge records (flow and strength) to be considered
 - Feedback, discussion, and drafting session
 - BAR Subcommittee consensus used to draft preliminary procedural guidance language
 - Finalize language
 - BAR Subcommittee finalizes procedural guidance language for Regional Technical Committee adoption

Staff's Recommendation:

1. It is the BAR Subcommittee's recommendation that the Regional Technical Committee adopt the following Procedural Guideline Language

"In the case of a permitted industrial user facility that has limited or no records of EDU purchases with the Contracting Agency and/or IEUA, the listed capacity in their current discharge permit should be considered as being paid for after the following are considered on a case-by-case basis. Since the EDU formula is comprised of flow, BOD, and TSS, at a minimum the most current 1-year Flow, BOD and TSS average should be considered through representative sampling for evaluating the facility's EDU balance. Should there be other historical records that exist which make reference to past discharge practices, they shall also be considered. The local contracting agency shall verify the EDUs in question do not exceed the capacity of its collection system. The evaluation shall then be brought to the BAR Subcommittee for review and consideration prior to allocating EDUs. Upon approval by the BAR Subcommittee, the recommended allocation will be submitted to the Technical Committee for consideration and approval and an agreement documenting the EDU allocation shall be established between the facility, the Contracting Agency, and IEUA."

**ACTION
ITEM**

1C

Date: May 25th/June 1st

To: Regional Committees

From: Inland Empire Utilities Agency

Subject: Review of Proposed Biennial Budget for Fiscal Years 2023/24 and 2024/25
for the Regional Wastewater and Recycled Water Programs

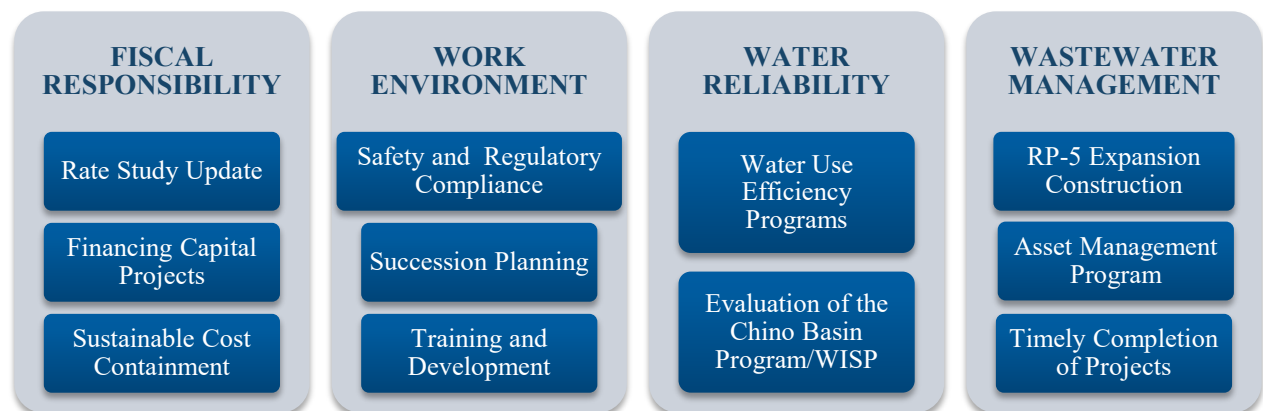
RECOMMENDATION

Staff requests that the Regional Committees recommend approval to the IEUA Board of Directors (Board) for the proposed Fiscal Years (FYs) 2023/24 and 2024/25 Biennial Budget for the Agency's Regional Wastewater Capital Improvement fund and Regional Wastewater Operations and Maintenance fund.

BACKGROUND

The proposed budgets for the Regional Wastewater and Recycled Water programs were presented to the Regional Technical Committee on April 27, 2023, and to the Regional Policy Committee on May 4, 2023, pursuant to the Ordinance No. 111 - Regional Sewerage Service..

The proposed Biennial Budget for the Regional Wastewater and Recycled Water programs are consistent with the Agency's long-term planning documents, and the Board-adopted Business Goals of fiscal responsibility, work environment, water reliability, and wastewater management. Some of the key objectives of the proposed biennial budget include:



Key Objective Highlights

Agency Workforce: Establish a long-range plan for our Agency’s most important asset, our staff, to ensure the appropriate level of staff needed to accomplish Agency objectives, serve the region, and optimize organizational development and effectiveness.

The Agency wide staffing plan proposes 345 positions (340 authorized full time and 5 limited term employees) for FY 2023/24 and 356 positions (342 full time and 4 limited term employees) for FY 2024/25. The proposed staffing will allow for early recruitment of critical positions in support of the operations of the new and expanded RP-5 facilities coming on-line over the next two fiscal years, ensuring sustainable operations and services to our communities.

Property Tax Allocation

As summarized in Table 1, the property tax allocation remains unchanged. Property taxes continue to be a key funding source in support of the Agency debt service, the pay-go portion of expansion projects, future growth projects projected by sewage collection agencies, asset management for timely upkeep and improvement of aging assets, and to maintain compliance with changing regulatory and safety requirements. The completion of the RP-5 expansion project and key rehabilitation projects at RP-1 and RP-4 continues to be the primary focus over the next two fiscal years.

Table 1: Property Tax Allocation by Fund (\$ Millions)

Fund	Purpose	Current Allocation	FY 2023/24 Projection	FY 2024/25 Projection
Regional Wastewater Capital Improvement	Supports debt service costs for acquisition, improvement, and expansion of regional wastewater facilities.	65%	\$51.4	\$52.2
Regional Wastewater Operations & Maintenance	Supports capital replacements and rehabilitation cost and any operation costs not fully recovered by rates.	23%	18.2	18.5
Recycled Water	Supports debt service costs for acquisition, improvement, replacement, and expansion of regional recycled water facilities.	4.0%	3.1	3.2
Administrative Services	Supports agency-wide costs not allocated to other Agency funds.	4.5%	3.5	3.6
Water Resources	Supports regional water supply strategies.	3.5%	2.8	2.8
Total			\$79.0	\$80.3

Capital Investments and Capacity Efforts: The Agency will continue to focus on our long-standing tradition of constructing quality facilities and being an industry leader with our water resource management and wastewater treatment efforts.

The capital projects included in the proposed Ten-Year Capital Improvement Plan (TYCIP) of \$1.4 billion are needed to support an increase in services for future growth projected by the sewage collection agencies, asset management for timely upkeep and improvement of aging assets, and improvement of the treatment capacity to maintain compliance with changing regulatory and safety requirements.

The financing plan for the proposed TYCIP is supported by new debt borrowings of 67 percent and pay-go of 27 percent which includes connection fees, rates, and property taxes. The remaining 6 percent is a conservative estimate of grant funding. Agency staff will continue to pursue federal and state grant funding opportunities as well as low interest loan financing to facilitate the implementation of the TYCIP at the lowest possible cost.

Regional Wastewater Program

In accordance with the Regional Sewage Service Ordinance No. 111, the Regional Wastewater Program is comprised of two funds; the Regional Wastewater Capital Improvement (Wastewater Capital) fund and the Regional Wastewater Operations and Maintenance (Wastewater Operations) fund, components of each fund are shown below in Table 2.

Table 2: Regional Wastewater Program Components

Description	Wastewater Capital	Wastewater Operations
Accounts for the Agency's regional wastewater systems	Acquisitions, construction, improvement, and expansion.	Collection, treatment, and disposal of domestic sewage treatment, capital replacement and rehabilitation costs, and organics management.
Primary Revenues & Other Funding Sources	New EDU* connection fees, property taxes, debt proceeds, and grant receipts.	Monthly EDU* sewer rate, property taxes, and contract reimbursements.
Primary Expenses and Other Uses of Funds	Capital project costs, debt service, and program support.	O&M costs including employment, chemicals, utilities, materials & supplies, etc.

**EDU = Equivalent dwelling unit is the estimated discharges from a single residence.*

Regional Wastewater Capital Improvement Fund (Wastewater Capital Fund)

Total revenues and other funding sources in the Wastewater Capital fund are estimated at \$173.0 million and \$171.2 million for FYs 2023/24 and 2024/25, respectively. This amount includes financing in the form of State Revolving Fund (SRF) and Water Infrastructure Finance and Innovation Act (WIFIA) loan proceeds of \$85.5 million in FY 2023/24, and \$81.3 million in FY 2024/25 to support the construction of the RP-1 Solids Thickening Building, RP-5 Expansion, Philadelphia Force Main Project, and Carbon Canyon Water Recycling Facility Improvements.

Table 3 summarizes the major funding sources for the Regional Wastewater Capital Improvement Fund.

New equivalent dwelling unit (EDU) connections are projected to be 3,000 each year. This projection is lower than the sewage collection agencies forecast of 7,701 and 7,551 units for FY 2023/24 and FY 2024/25, respectively. While the Agency applies sewage collection agencies growth forecasts to plan for future expansion of its facilities, a lower growth forecast is applied to revenue forecasts. This conservative approach ensures facilities are ready to meet the increased service demands from future growth and provides flexibility in financing options. Revenues from wastewater connection fees are estimated at \$24.4 million in FY 2023/24, and \$25.9 million in FY 2024/25. Projected connections and rates are shown in Appendix Table A3.

Property tax receipts allocated to the Wastewater Capital fund help support annual debt service costs and capital project expenditures. An increase of two percent in assessed valuations is assumed for property tax receipts projected for each of the next two fiscal years. Revenues from property tax receipts are estimated at \$51.4 million in FY 2023/24, and \$52.2 million in FY 2024/25.

Table 3: Wastewater Capital Fund Major Funding Sources

Major Funding Sources (\$Millions)	FY 2023/24	FY 2024/25	Key Assumptions
Wastewater Connection Fees	\$24.4	\$25.9	3,000 new EDU connections at a proposed fee of \$8,132 per EDU in FY 2023/24 and 3,000 new EDU connections at a proposed fee of \$8,620 for FY 2024/25.
Property Tax	51.4	52.2	Annual allocation of total property taxes to the Wastewater Capital fund will continue at 65% of total property tax receipts for both fiscal years.
Debt and Grant Proceeds	85.5	81.3	SRF and WIFIA loan proceeds for the RP-1 Solids Thickening Building, RP-5 Expansion, and various other projects.
Inter-Fund Transfers and Other	11.7	11.8	Interfund transfer from Wastewater Operations fund for their share of the RP-5 Solids Treatment expansion and the CCWRF* Asset Management Improvement project, inter-fund loan reimbursement and interest revenues.
Total	\$173.0	\$171.2	

*CCWRF- Carbon Canyon Water Recycling Facility

Total expenses and other uses of funds are \$139.2 and \$160.2 for FY 2023/24 and FY 2024/25 respectively. Capital projects in the Ten-Year Capital Improvement Plan represent approximately 64 percent of the proposed budget for each fiscal year, with \$112.4 million in capital project costs budgeted in FY 2023/24 and \$130.0 million in FY 2024/25. Table 4 represents major uses of funds for both fiscal years.

Table 4: Wastewater Capital Fund Major Expenses and Other Uses of Funds

Major Uses of Funds (\$Millions)	FY 2023/24	FY 2024/25	Key Assumptions
Program Support	\$8.7	\$9.1	Includes employment, professional services, etc. in support of CIP.
Capital Improvement Plan (CIP)	112.4	130.0	Major capital projects as summarized in Table 5.
Debt Service	7.0	7.9	Includes principal and interest for the 2017A, and 2020A bonds, 2020B Revenue Notes and various SRF loans.
Investment in IERCA	0.8	0.3	Includes the Agency's share of capital investment in the Inland Empire Regional Composting Authority (IERCA).
Other	10.3	12.9	Inter-fund transfers for capital and debt service support to other funds.
Total	\$139.2	\$160.2	

Table 5 includes major projects for FY 2023/24 and 2024/25 as well as future years per the Agency's Ten-Year Capital Improvement Plan.

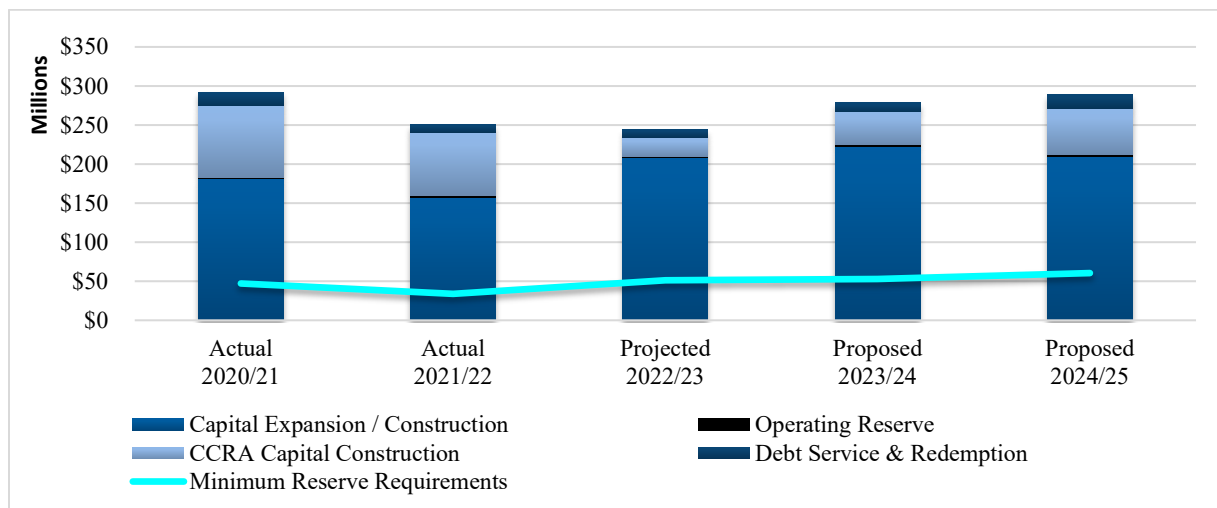
Table 5: Wastewater Capital Fund Major Capital Projects

Major Projects (\$Millions)	FY 2023/24	FY 2024/25	FY 2025/26 to FY 2032/33	TYCIP Total
RP-5 Expansion Construction	\$75.6	\$52.0	\$9.0	\$136.6
RP-1 Solids Thickening Bldg. & Acid Phase Digester	15.0	45.0	92.0	152.0
Asset Management Improvements	0.3	2.4	64.0	66.7
*CCWRF Asset Management Improvements	8.8	13.0	3.0	24.8
RP-1 Solids & Liquid Treatment Expansion	0.9	4.1	70.0	75.0
All Other Capital Projects	11.8	13.5	41.5	66.8
Total Capital Projects	\$112.4	\$130.0	\$279.5	\$521.9

*CCWRF- Carbon Canyon Water Recycling Facility

Wastewater Capital Fund Balance

The Wastewater Capital Fund ending balance for FY 2023/24 is estimated at \$278.3 million, and \$289.3 million for FY 2024/25 as shown in Figure 1. The estimated increase for both fiscal years is due to anticipated debt and grant proceeds to support the construction of the RP-1 Solids Thickening Building and the RP-5 Expansion project.

Figure 1: Wastewater Capital Fund Reserve by Type

Regional Wastewater Operations & Maintenance Fund (Wastewater Operations)

Total revenues and other funding sources in the Wastewater Operations & Maintenance fund are estimated at \$128.0 million and \$145.0 million for FYs 2023/24 and 2024/25, respectively. Table 6 summarizes the Wastewater Operations & Maintenance fund proposed major revenues and other funding sources for the FYs.

Table 6: Wastewater Operations Fund Major Revenues and Other Funding Sources

Major Funding Sources (\$Millions)	FY 2023/24	FY 2024/25	Key Assumptions
Monthly EDU	\$83.1	\$88.5	Based on the proposed EDU rate of \$23.39 in FY 2023/24 and \$24.79 FY 2024/25
Property Tax	18.2	18.5	Annual allocation of property taxes of 23% of total property tax receipts for both fiscal years.
Debt Proceeds	17.3	28.5	Debt proceeds to support capital projects.
Cost Reimbursement from IERCA*	4.7	4.9	Reimbursement of IERCA* labor costs.
Other	4.7	4.6	Includes interfund-transfers from wastewater connection fees to support capital projects; interest revenue, contract cost reimbursement, and lease revenue.
Total	\$128.0	\$145.0	

*Inland Empire Regional Composting Authority

Total expenses and other uses of funds are \$130.0 million in FY 2023/24 and \$148.0 million in FY 2024/25. Proposed expenses and other uses of funds for FYs 2023/24 and 2024/25 are shown in Table 7.

Major expenses in the Wastewater Operations fund include operating and maintenance (O&M) expenses, capital Replacement & Rehabilitation (R&R) project costs, organic management activities, and debt service costs. O&M expenses include employment costs based on the proposed

staffing plan supporting the operations of new facilities coming on-line because of the RP-5 Expansion project. The projected O&M expenses also include anticipated increases in electricity rates from Southern California Edison (SCE) and significant increases seen in chemical costs across the industry.

Table 7: Wastewater Operations Fund Major Expenses & Other Uses of Funds

Major Uses of Funds (\$Millions)	FY 2023/24	FY 2024/25	Key Assumptions
Operations & Maintenance (O&M)	\$83.2	\$90.7	Includes employment, chemicals utilities, professional and contract labor costs, and other O&M costs.
O&M project costs	6.8	5.2	Includes repairs to treatment facilities and collection system.
Capital Rehabilitation & Replacement (R&R) project costs	33.6	45.2	Major capital projects are summarized in Table 8.
Debt Service	1.4	1.4	Includes principal and interest for the 2017A bonds and SRF loan for the water quality laboratory.
Other	5.0	5.5	Inter-fund transfers for capital project support to the Administrative. Services and share of the RP-5 Expansion project and CCWRF Asset Management Improvement project.
Total	\$130.0	\$148.0	

A total of \$33.6 million in capital project costs is budgeted for FY 2023/24 and \$45.2 million is projected for FY 2024/25. Major capital projects are listed in Table 8.

Table 8: Wastewater Operations Fund Major Capital Projects

Major Projects (\$Millions)	FY 2023/24	FY 2024/25	FY 2025/26 to FY 2032/33	TYCIP Total
RP-4 Advanced Water Purification Facility	0.6	2.5	162.4	165.5
SCADA Enterprise System	6.8	7.4	4.5	18.7
RP-1 Secondary System Rehabilitations	0.0	0.5	11.0	11.5
RP-1 Influent Pump Station Electrical Improvements	0.9	6.3	0.9	8.1
RP-4 Process Improvement Phase II	1.1	6.3	0.5	7.9
All Other Capital Projects	24.2	22.2	115.5	161.9
Total	\$33.6	\$45.2	\$294.8	\$373.6

Monthly EDU Sewer Rate

The proposed monthly sewer rate for Fiscal Years 2023/24 and 2024/25 are \$23.39 and \$24.79, respectively. Table 9 presents the adopted monthly sewer rate for FY 2022/23 and the proposed rates for FYs 2023/24 and 2024/25.

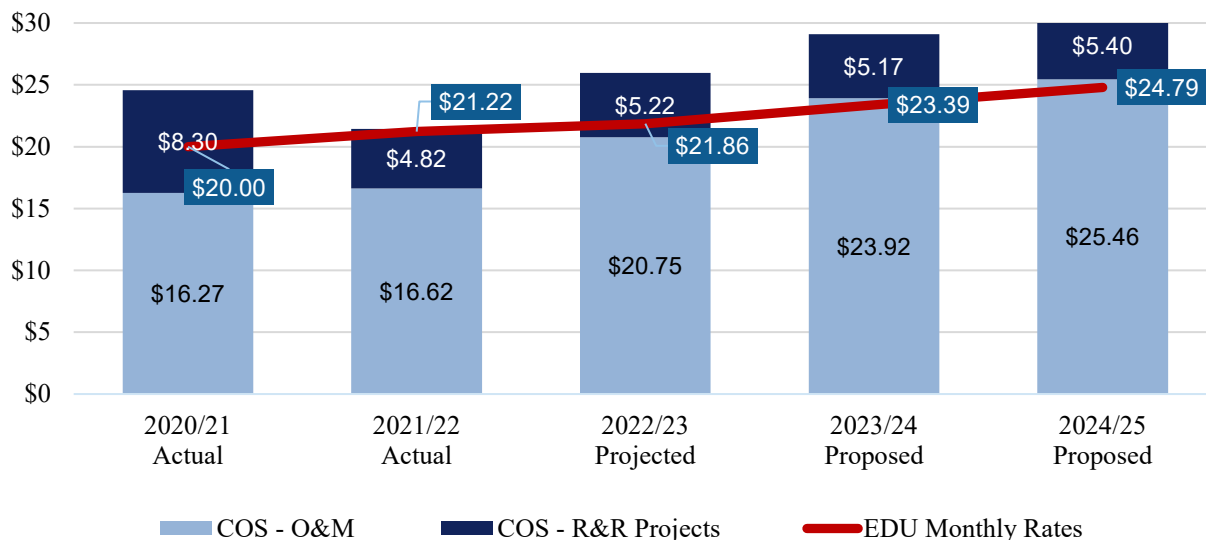
Table 9: Proposed Monthly EDU Sewage Rates

Rate Description	FY 2022/23 Adopted	FY 2023/24 Proposed	FY 2024/25 Proposed
EDU Monthly Rate	\$21.86	\$23.39	\$24.79
Effective Date	7/01/22	7/01/23	7/01/24

Figure 2 shows actual cost of service for the Wastewater Operations fund, with actual data for Fiscal Years 2020/21 and 2021/22 and projected from FY 2022/23 through FY 2024/25. The proposed rates for FY 2023/24 and FY 2024/25 are below the projected full cost of service. The cost of service not covered by the monthly EDU rate will be covered by property taxes and the use of reserves.

One of the key objectives from the Agency Board is to establish rates that fully recover the cost of providing service. The Agency will perform a comprehensive cost of service study upon the completion of the return to sewer study to help update the parameters defining an EDU in the Agency service area.

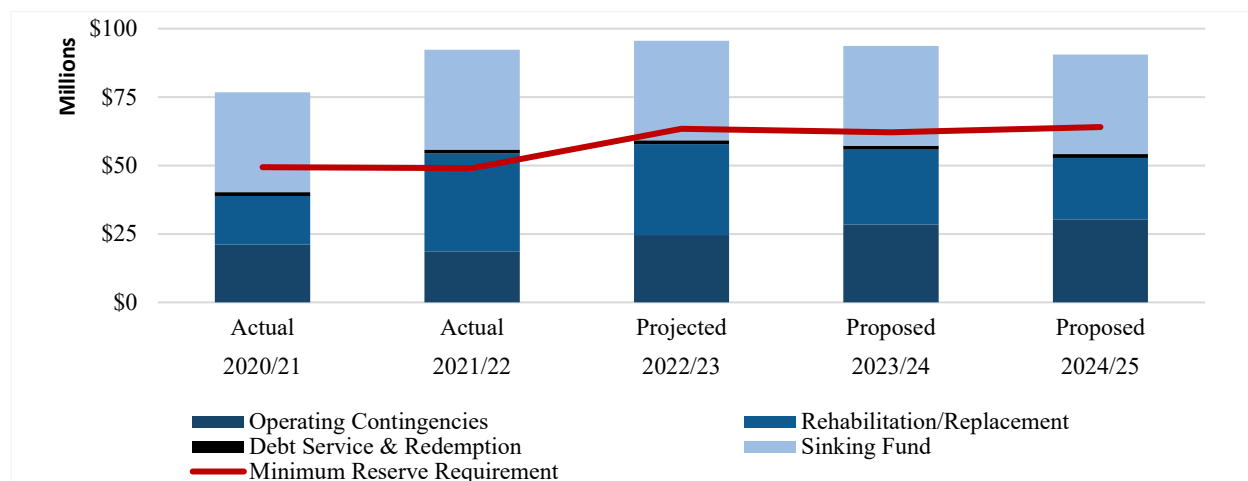
Figure 2: Monthly EDU Sewage Cost of Service



Wastewater Operations Fund Balance

The projected Wastewater Operations fund ending balance is estimated at \$93.7 million and \$90.5 million for FYs 2023/24 and 2024/25, respectively. The projected change in fund balance is due to the contributions (inter-fund transfers) to the Wastewater Capital fund to support for the Wastewater Operations fund share of the RP-5 Expansion and planned R&R projects, such as the CCWRF Asset Management and Improvements project costs as well as overall costs to operate and maintain the regional wastewater system facilities and infrastructure. Figure 3 represents the trend in reserves for the Wastewater Operations Fund.

Figure 3: Wastewater Operations Fund Reserves by Type



Recycled Water Fund

The Recycled Water Fund includes the operating activities related to the distribution of the recycled water produced in the regional recycling plants, and the capital activities related to expand and maintain the Regional Recycled Water Distribution System for direct use and groundwater recharge.

Total sources of funds are \$39.9 million and \$57.7 million for FY 2023/24 and FY 2024/25. In addition to operating revenue, other sources of funds include interest earnings, miscellaneous reimbursements, inter-fund debt service support for the 2017A Revenue bonds, and inter-fund loan re-payment from the Recharge Water program. Revenues and other funding sources of the Recycled Water fund are summarized below in Table 10.

Table 10: Recycled Water Fund Major Revenues & Other Funding Sources

Major Funding Sources (\$Millions)	FY 2023/24	FY 2024/25	Key Assumptions
Recycled Water Sales	\$19.5	\$19.0	FY 2023/24 adopted direct rate of \$510/AF and Groundwater Recharge (GWR) rate of \$660/AF FY 2024/25 adopted direct rate is \$465/AF and the GWR rate is \$665/AF.

Major Funding Sources (\$Millions)	FY 2023/24	FY 2024/25	Key Assumptions
Fixed Cost Recovery	2.4	5.0	Fixed cost recovery revenues are based on each recycled water customers 3 year rolling average of recycled and groundwater use.
Water Connection Fees	7.0	7.2	3,700 new MEU connections are projected for FYs 2023/24 and FY 2024/24. Adopted rates are \$1,896/MEU and \$1,953/MEU for FY 2023/24 and 2024/25, respectively.
Property Tax	3.1	3.2	Property tax receipts allocation of 4% of total property tax receipts.
Grant Proceeds	0.3	16.0	Grants receipts to support Recycled Water Interconnections to JCSD and City of Rialto, and Replenishing Facilities capital projects.
Other	7.6	7.3	Includes inter-fund loan repayment from the Recharge Water program, interest, miscellaneous other reimbursements, and inter-fund debt service support for the 2017A Revenue bonds.
Total	\$39.9	\$57.7	

Recycled Water Rates

The Recycled Water rates adopted in June 2022 introduced a fixed and variable component structure. The fixed component recovers debt service costs based on each customer three year rolling average of direct and recharge recycled water use. The fixed cost recovery budget for FY 2023/24 is \$2.4 million and \$5.0 million for FY 2024/25. Recycled water deliveries projections are 34,000-acre feet (AF) for each budget year. Recycled Water sales are estimated to generate revenues of \$19.5 million and \$19.0 million, for FYs 2023/24 and 2024/25. Adopted rates and estimated deliveries are summarized in Appendix Table A4.

One Water Connection Fee

Water connection fee revenues are collected to support capital investments in the Agency's regional water distribution system, regional resiliency, and water conservation projects to ensure regional water reliability and sustainability to meet current and future needs

The projections are \$7.0 million for FY 2023/24 and \$7.2 million for FY 2024/25. Water connection fee rates are set per meter equivalent unit (MEU). One MEU is equivalent to a 5/8" and 3/4" meter size (standard residential meter size). These revenue projections are based on 3,700 new MEU per year. One Water Connection Fee rates are reported in Appendix Table A5.

Total expense in FY 2023/24 and FY 2024/25 are projected to be \$51.0 and \$58.1 million, respectively. Major expenses for the Recycled Water fund include debt service, operating costs, and capital project expense. Operating costs include employment, pumping costs, non-capital projects, and the portion of the groundwater recharge operating costs not reimbursed by Chino

Basin Watermaster (CBWM). The projected biennial budget expense and other uses of funds for the Recycled Water fund are summarized in Table 11.

Table 11: Recycled Water Fund Major Expenses & Other Uses of Funds

Major Uses of Funds (\$Millions)	FY 2023/24	FY 2024/25	Key Assumptions
Operating Expenses	\$16.1	\$17.6	Includes employment, professional fees, materials and supplies, pumping costs, a portion of the groundwater recharge operations expense, and O&M project costs.
Capital Improvement Plan (CIP)	15.6	23.7	See Table 12 for a summary of major capital projects.
Debt Service	15.2	14.4	Includes principal and interest costs for outstanding bonds, SRF loans, and inter-fund loan repayments to the Regional Wastewater Capital fund.
Other	4.1	2.4	Inter-fund transfers for water connection fees in support of the RRWDS*, and capital and operating support to the Administrative Services and Recharge Water funds.
Total	\$51.0	\$58.1	

*Regional Recycled Water Distribution System

Annual debt service costs include principal, interest, and financial fees for SRF loans, 2017A and 2020A Revenue Bonds, and interfund loan repayment to the Regional Wastewater Capital fund. Debt service is estimated to be \$15.2 million in FY 2023/24 and \$14.4 million in FY 2024/25. Re-payments of the \$13.5 million inter-fund loan due to the Regional Wastewater Capital began in FY 2022/23, and final re-payment of inter-fund loans is scheduled for FY 2024/25. A summary of inter-fund loans and repayment schedules is provided in Appendix Table A7.

Table 12: Recycled Water Fund Major Capital Projects

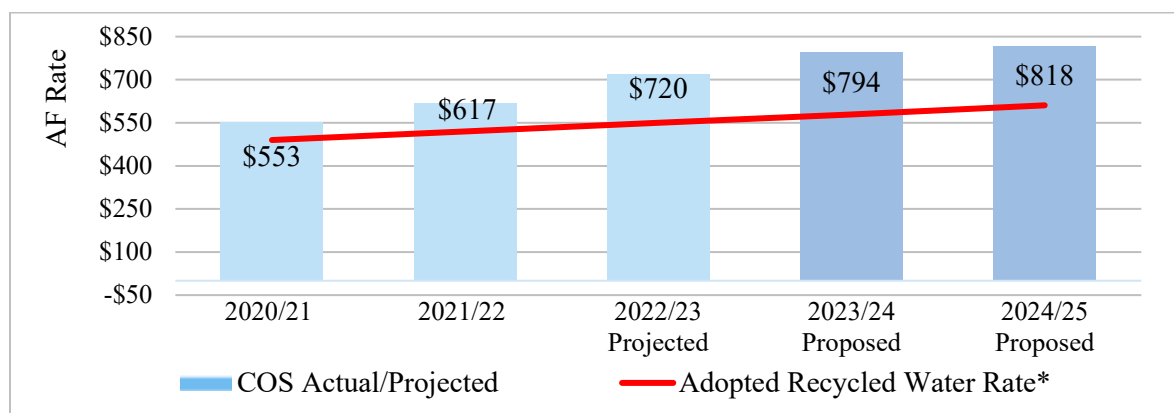
Major Projects (\$Millions)	FY 2023/24	FY 2024/25	FY 2025/26 to FY 2032/33	TYCIP Total
RP-4 Advanced Water Purification Facility (6 TAFY)	\$0.5	\$1.6	\$107.9	\$110.0
Replenishing Facilities	2.5	3.5	85.0	91.0
Recycled Water Interconnection to City of Rialto	0.7	7.0	51.5	59.2
Recycled Water Connections to Jurupa Community Services District	0.5	1.5	40.9	42.9
RP-4 Chlorine Contact Basin Cover Repair	2.2	2.8	-	5.0
Etiwanda interceptor Grade Break	2.8	1.3	-	4.1
Recycled Water SCADA migration	0.6	2.0	1.8	4.4
1299 Reservoir repairs	1.7	0.2	-	1.9

All Other Capital Projects	4.1	3.9	60.8	68.8
Total	\$15.6	\$23.8	\$347.9	\$387.3

Cost of Service Review

A key Agency objective is to establish rates which fully recover the cost of providing service. As shown in Figure 4 the estimated cost of service for FY 2023/24 is \$794/AF, and \$818/AF for FY 2024/25. The increase in cost-of-service rate is driven by increasing operating and maintenance costs caused by inflationary price increases of utilities, chemicals, and employment expenses. Projections and underlying assumptions are reviewed and updated each year as part of the budget process. The next cost of service study will generate rates for Fiscal Year 2025/26.

Figure 4: Recycled Water Cost of Service

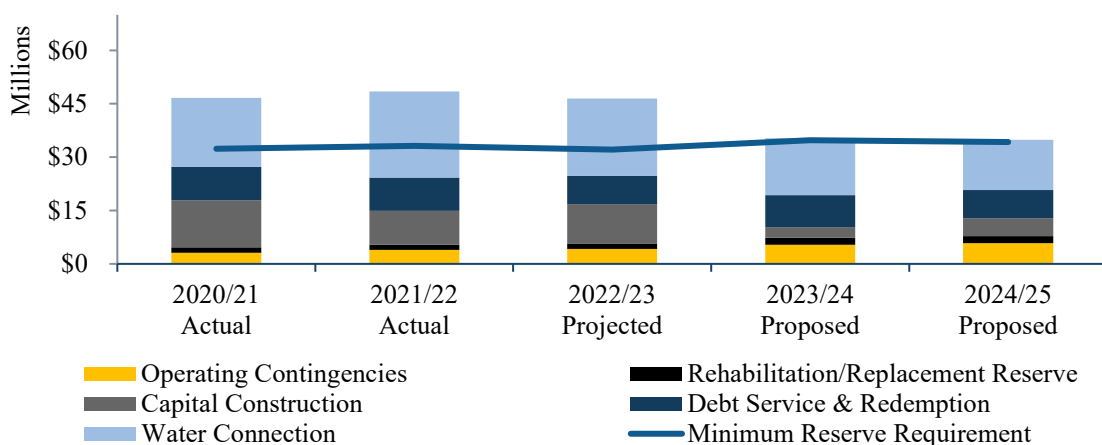


*Adopted Recycled Water rate includes Fixed Cost Recovery equivalent amount

Recycled Water Fund Reserves

The Recycled Water fund projected ending fund balances for FY 2023/24 and FY 2024/25 is \$35.3 million and \$34.9 million, respectively. The projected reserve balance decrease is largely due to increased capital project costs. The Agency will pursue additional federal and state grants along with low interest financing to support the implementation of the recycled water projects and to maintain reserve levels above the minimum requirements. Projected ending fund balances are reported below in Figure 5.

Figure 5: Recycled Water Fund Reserve by Type



Conclusion

This proposed biennial budget dealt with many inflationary challenges, program expansions, and critical capital project requirements to maintain the Agency's business goals.

During the budget period, the Agency will continue to work towards the completion of the RP5 Expansion project and the Return to Sewer study to set up the parameters necessary to adjust the EDU monthly rate and the wastewater connection fees through the corresponding cost of service studies. Additionally, the proposed biennial budget supports increased human capital to ensure fulfillment of Agency objectives and organization effectiveness. Achieving these objectives will ensure that the Agency can continue its commitment to delivering essential high-quality services in a cost-effective manner, supporting the region's economic development, and maintaining the Agency's fiscal health.

Review of the Proposed Biennial Budget for Fiscal Years 2023/24 and 2024/25 for the Regional Wastewater and Recycled Water Programs are consistent with the IEUA Business Goals of Fiscal Responsibility, Water Reliability, Wastewater Management, Environmental Stewardship, and Business Practices

Additional Background Information:

Appendix A – Program Fund Budget (Regional Wastewater Capital Improvement, Regional Wastewater Operations and Maintenance, and Recycled Water Program Funds)

Appendix Table A1 – Key assumptions for FYs 2023/24 and 2024/25 budget

Appendix Table A2 – Wastewater connection fees

Appendix Table A3 – EDU sewage rates

Appendix Table A4 – Recycled water rates

Appendix Table A5 – Water connection fees

Appendix Table A6 – Inter-fund loan repayment schedule

Appendix A

INLAND EMPIRE UTILITIES AGENCY
FISCAL YEAR 2023/24 & 2024/25 BIENNIAL BUDGET
REGIONAL WASTEWATER CAPITAL IMPROVEMENT FUND - SOURCES AND USES OF FUNDS (In Thousands)

	2020/21	2021/22	2022/23	2023/24	2024/25	2025/26	2026/27	2027/28
	ACTUAL	ACTUAL	PROJECTED ACTUAL	PROPOSED BUDGET	PROPOSED BUDGET	FORECAST		
REVENUES								
Interest Revenue	\$1,405	\$967	\$1,177	\$1,206	\$1,218	\$1,200	\$1,200	\$1,300
TOTAL REVENUES	\$1,405	\$967	\$1,177	\$1,206	\$1,218	\$1,200	\$1,200	\$1,300
OTHER FINANCING SOURCES								
Property Tax - Debt and Capital	\$43,638	\$46,550	\$50,365	\$51,373	\$52,195	\$53,033	\$53,885	\$54,752
Regional System Connection Fees	36,732	37,705	19,000	24,396	25,859	26,894	27,970	28,809
Debt Proceeds	0	0	32,000	25,500	45,764	233,516	0	0
State Loans	0	12,143	51,500	60,000	35,500	6,500	0	0
Other Revenues	57	95	1	1	1	1	1	1
Inter Fund Loan	0	0	2,000	6,000	5,500	0	0	0
TOTAL OTHER FINANCING SOURCES	\$80,427	\$96,492	\$154,866	\$167,270	\$164,819	\$319,944	\$81,856	\$83,562
EXPENSES								
Employment Expenses	\$3,944	\$2,859	\$4,180	\$4,769	\$5,186	\$5,243	\$5,649	\$6,253
Contract Work/Special Projects	350	519	0	136	16	16	16	16
Operating Fees	270	274	274	274	282	291	300	309
Professional Fees and Services	300	436	607	1,156	1,166	1,092	1,119	1,148
Other Expenses	926	1,125	1,675	2,362	2,426	2,834	2,967	3,094
TOTAL EXPENSES	\$5,790	\$5,213	\$6,735	\$8,698	\$9,075	\$9,476	\$10,051	\$10,820
CAPITAL PROGRAM								
Work In Progress	\$70,210	\$114,598	\$135,148	\$112,394	\$130,021	\$95,458	\$46,133	\$18,078
IERCA investment	250	500	800	750	250	250	250	250
TOTAL CAPITAL PROGRAM	\$70,460	\$115,098	\$135,948	\$113,144	\$130,271	\$95,708	\$46,383	\$18,328
DEBT SERVICE								
Financial Expenses	\$1,325	\$214	\$11	\$17	\$17	\$17	\$17	\$11
Interest	9,756	9,979	9,857	1,965	2,781	6,789	8,232	7,991
Principal	9,007	4,271	4,672	4,988	5,150	205,066	13,267	12,852
TOTAL DEBT SERVICE	\$20,087	\$14,464	\$14,539	\$6,970	\$7,948	\$211,872	\$21,515	\$20,854
TRANSFERS IN (OUT)								
Capital Contribution	\$7,211	\$5,090	\$2,985	\$2,513	\$779	(\$5,087)	(\$4,788)	\$817
Debt Service	(3,118)	(3,128)	(3,215)	(3,317)	(3,266)	(3,266)	1,056	1,635
Capital - Connection Fees Allocation	(7,909)	(6,020)	(5,006)	(5,074)	(5,280)	(5,108)	(2,915)	(1,929)
TOTAL INTERFUND TRANSFERS IN (OUT)	(\$3,817)	(\$4,058)	(\$5,236)	(\$5,878)	(\$7,767)	(\$13,460)	(\$6,646)	\$522
FUND BALANCE								
Net Increase (Decrease)	(\$18,323)	(\$41,373)	(\$6,416)	\$33,785	\$10,975	(\$9,371)	(\$1,541)	\$35,382
Beginning Fund Balance July 01	310,615	292,292	250,919	244,503	278,288	289,263	279,892	278,351
ENDING FUND BALANCE AT JUNE 30*	\$292,292	\$250,919	\$244,503	\$278,288	\$289,263	\$279,892	\$278,351	\$313,733
RESERVE BALANCE SUMMARY								
Operating Contingency	\$1,455	\$1,738	\$2,245	\$2,899	\$3,025	\$3,159	\$3,350	\$3,607
Capital Construction	181,642	157,826	207,892	222,213	209,715	179,236	162,773	184,401
CCRA Capital Construction	91,465	81,170	24,079	41,962	57,822	72,716	88,685	102,494
Debt Service & Redemption	17,730	10,186	10,287	11,214	18,701	24,782	23,543	23,232
ENDING BALANCE AT JUNE 30	\$292,292	\$250,919	\$244,503	\$278,288	\$289,263	\$279,892	\$278,351	\$313,733

*Numbers may not tie due to rounding

INLAND EMPIRE UTILITIES AGENCY
FISCAL YEAR 2023/24 & 2024/25 BIENNIAL BUDGET
REGIONAL WASTEWATER OPERATIONS & MAINTENANCE FUND - SOURCES AND USES OF FUNDS (In Thousands)

	2020/21	2021/22	2022/23	2023/24	2024/25	2025/26	2026/27	2027/28
	ACTUAL	ACTUAL	PROJECTED ACTUAL	PROPOSED BUDGET	PROPOSED BUDGET	FORECAST		
REVENUES								
User Charges	\$71,362	\$75,729	\$77,810	\$83,142	\$88,529	\$94,290	\$97,594	\$101,001
Cost Reimbursement JPA	4,175	3,580	3,718	4,733	4,875	5,021	5,172	5,327
Contract Cost Reimbursement	101	249	206	206	5	5	5	5
Interest Revenue	851	489	1,400	1,400	1,400	1,400	1,400	1,300
TOTAL REVENUES	76,489	80,047	83,134	89,481	94,809	100,716	104,171	107,633
OTHER FINANCING SOURCES								
Property Tax Revenues - Debt/Capital/Rε	\$8,726	\$16,465	\$17,822	\$18,178	\$18,469	\$18,765	\$19,067	\$19,374
State Loans	-	-	-	17,300	28,500	26,200	22,000	27,500
Grants	-	90	-	-	-	-	-	-
Other Revenues	65	92	100	80	80	80	80	80
TOTAL OTHER FINANCING SOURCES	8,791	16,647	17,922	35,558	47,049	45,045	41,147	46,954
EXPENSES								
Employment Expenses	\$34,664	\$28,148	\$36,400	\$42,349	\$46,055	\$46,567	\$50,178	\$55,552
Contract Work/Special Projects	7,668	5,589	6,890	6,793	5,235	6,400	7,228	5,440
Utilities	6,762	7,003	7,857	10,079	11,759	12,114	12,479	12,856
Operating Fees	1,193	1,855	2,414	2,654	2,848	2,943	3,115	3,153
Chemicals	5,402	6,313	9,884	9,681	10,975	11,143	11,400	11,664
Professional Fees and Services	2,881	2,852	3,762	3,859	3,972	4,677	4,849	5,052
Office and Administrative expenses	-	1	19	0	0	0	0	0
Biosolids Recycling	4,611	5,013	4,416	5,450	5,712	5,923	6,098	6,273
Materials & Supplies	1,840	2,256	2,141	2,590	2,704	2,791	2,882	2,975
Other Expenses	2,589	3,241	4,623	6,498	6,665	7,765	8,128	8,473
TOTAL EXPENSES	67,612	62,271	78,407	89,952	95,925	100,323	106,357	111,439
CAPITAL PROGRAM								
Capital Construction & Expansion (WIP)	\$27,212	\$14,925	\$15,500	\$33,566	\$45,247	\$28,510	\$32,200	\$23,650
TOTAL CAPITAL PROGRAM	27,212	14,925	15,500	33,566	45,247	28,510	32,200	23,650
DEBT SERVICE								
Interest	\$674	\$608	\$565	\$573	\$548	\$522	\$1,883	\$1,832
Principal	761	784	806	849	874	900	1,545	1,511
TOTAL DEBT SERVICE	1,440	1,392	1,372	1,422	1,422	1,422	3,429	3,344
TRANSFERS IN (OUT)								
Capital Contribution	(\$8,511)	(\$6,540)	(\$5,335)	(\$4,500)	(\$5,100)	(\$1,300)	(\$1,000)	(\$2,599)
Debt Service	124	114	114	114	114	114	(4,209)	(4,209)
Operation support	(52)	(530)	(277)	(528)	(373)	(373)	(373)	(1,574)
Capital - Connection Fees Allocation	6,448	4,374	3,059	2,865	2,997	2,295	654	535
TOTAL INTERFUND TRANSFERS IN (OUT)	(1,991)	(2,582)	(2,438)	(2,049)	(2,362)	737	(4,927)	(7,847)
FUND BALANCE								
Net Increase (Decrease)	(\$12,974)	\$15,523	\$3,339	(\$1,951)	(\$3,098)	\$16,243	(\$1,595)	\$8,306
Beginning Fund Balance July 01	89,725	76,750	92,273	95,612	93,661	90,563	106,807	105,211
ENDING FUND BALANCE AT JUNE 30	76,750	92,273	95,612	93,661	90,563	106,807	105,211	113,518
RESERVE BALANCE SUMMARY								
Operating Contingencies	\$21,145	\$18,606	\$24,604	\$28,407	\$30,350	\$31,767	\$33,728	\$35,371
Rehabilitation/Replacement	17,792	35,854	33,221	27,418	22,376	35,196	31,724	37,720
Debt Service	1,398	1,398	1,372	1,422	1,422	3,429	3,344	4,012
Sinking Fund	36,415	36,415	36,415	36,415	36,415	36,415	36,415	36,415
ENDING BALANCE AT JUNE 30	76,750	92,273	95,612	93,661	90,563	106,807	105,211	113,518

* Numbers may not tie due to rounding

INLAND EMPIRE UTILITIES AGENCY
FISCAL YEAR 2023/24 & 2024/25 BIENNIAL BUDGET
RECYCLED WATER FUND - SOURCES AND USES OF FUNDS (In Thousands)

	2020/21	2021/22	2022/23	2023/24	2024/25	2025/26	2026/27	2027/28
	ACTUAL	ACTUAL	PROJECTED ACTUAL	ADOPTED BUDGET	ADOPTED BUDGET	FORECAST		
REVENUES								
Interest Revenue	\$222	\$237	\$967	\$815	\$606	\$654	\$793	\$902
Water Sales	18,095	19,643	19,716	21,853	23,967	25,224	26,513	27,281
TOTAL REVENUES	\$18,316	\$19,880	\$20,683	\$22,668	\$24,573	\$25,879	\$27,306	\$28,182
OTHER FINANCING SOURCES								
Property Tax - Debt/Capital	\$2,170	\$2,863	\$2,961	\$3,161	\$3,212	\$3,264	\$3,316	\$3,369
Connection Fees	5,700	8,749	4,326	7,015	7,226	7,371	7,518	7,668
Debt Proceeds	0	0	0	0	0	14,000	37,000	41,000
Grants	10,692	239	0	309	16,009	9,000	2,000	26,000
Capital Contract Reimbursement	0	92	355	94	96	97	98	100
Other Revenues	97	394	(87)	0	0	0	0	0
TOTAL OTHER FINANCING SOURCES	\$18,660	\$12,338	\$7,555	\$14,580	\$30,476	\$33,732	\$55,932	\$78,137
EXPENSES								
Employment Expenses	\$5,022	\$4,562	\$5,464	\$7,168	\$7,796	\$7,882	\$8,494	\$9,403
Contract Work/Special Projects	544	1,098	793	1,845	1,912	1,365	1,367	1,345
Operating Fees	5	0	5	10	10	11	11	11
Professional Fees and Services	464	649	1,078	1,081	1,159	1,244	1,266	1,289
Office and Administrative expenses	1	1	5	8	8	9	9	9
Materials & Supplies	107	174	134	138	142	147	151	155
Other Expenses	731	872	744	1,786	1,826	2,113	2,210	2,302
TOTAL EXPENSES	\$9,348	\$11,736	\$12,679	\$16,114	\$17,541	\$17,597	\$18,480	\$19,637
CAPITAL PROGRAM								
Work In Progress	\$3,626	\$649	\$2,826	\$15,622	\$23,755	\$30,465	\$49,250	\$53,750
TOTAL CAPITAL PROGRAM	\$3,626	\$649	\$2,826	\$15,622	\$23,755	\$30,465	\$49,250	\$53,750
DEBT SERVICE								
Financial Expenses	\$1	\$5	\$4	\$5	\$6	\$6	\$6	\$6
Interest	2,897	2,892	2,961	2,628	2,258	1,893	1,698	1,508
Principal	5,773	6,085	6,214	6,544	6,692	6,065	6,265	5,877
Short Term Inter-Fund Loan	4,933	10,000	5,000	6,000	5,500	0	0	0
TOTAL DEBT SERVICE	\$13,604	\$18,983	\$14,179	\$15,178	\$14,455	\$7,965	\$7,969	\$7,391
TRANSFERS IN (OUT)								
Capital Contribution	(\$47)	(\$197)	(\$198)	(\$200)	(\$385)	(\$654)	(\$633)	(\$277)
Debt Service	2,539	2,535	2,546	2,675	2,673	2,673	2,674	2,098
Operation support	(413)	(870)	(1,190)	(1,682)	(1,313)	(1,327)	(1,413)	(1,584)
Water Connection Allocation	(789)	(524)	(1,717)	(2,236)	(724)	(820)	(804)	(567)
TOTAL INTERFUND TRANSFERS IN (OUT)	\$1,290	\$944	(\$559)	(\$1,442)	\$252	(\$127)	(\$176)	(\$330)
FUND BALANCE								
Net Increase (Decrease)	\$11,688	\$1,794	(\$2,005)	(\$11,108)	(\$451)	\$3,456	\$7,363	\$25,212
Beginning Fund Balance July 01	34,974	46,662	48,456	46,451	35,343	34,893	38,349	45,712
ENDING BALANCE AT JUNE 30	\$46,662	\$48,456	\$46,451	\$35,343	\$34,893	\$38,349	\$45,712	\$70,924
RESERVE BALANCE SUMMARY								
Operating Contingency	\$3,116	\$3,912	\$4,226	\$5,371	\$5,847	\$5,866	\$6,160	\$6,546
Capital Construction	13,265	9,505	11,029	2,973	4,953	5,173	9,616	31,242
Water Connection	19,472	24,230	21,731	16,044	14,127	16,342	19,545	22,597
Rehabilitation/Replacement (R&R)	1,500	1,500	1,500	2,000	2,000	3,000	3,000	4,000
Debt Service	9,309	9,309	7,965	8,955	7,965	7,969	7,391	6,539
ENDING BALANCE AT JUNE 30	\$46,662	\$48,456	\$46,451	\$35,343	\$34,893	\$38,349	\$45,712	\$70,924

* Numbers may not total due to rounding

Appendix Table A1: Key Assumptions for FYs 2023/24 and 2024/25 Budget

Revenues and Other Funding Sources	Expenses and Other Uses of Funds
New Wastewater Connections fee rate of \$8,132 in FY 2023/24 and \$8,620 FY 2024/25. Based on 3,000 new EDU connections.	Supports debt service costs for the construction of new capital projects
7% increase in EDU monthly rate starting in FY 2023/24 and 6% increase in EDU monthly rate in FY 2024/25, applied over 3.5 million annual EDU @ 0.50% annual growth	Increase staffing to support Agency Objectives and Optimize organizational development and effectiveness.
Recycled Water Deliveries for FY 2023/24 and 2024/25 34,000 AF each fiscal year	
3,700 new water connections (MEU) for rate of \$1,896 for FY2023/24 and \$1,953 for FY 2024/25	Supports debt service and capital project expenses
2% average growth in property tax receipts. Maintaining allocation among funds: Regional Wastewater Capital 65%, Regional Wastewater O&M 23%, Recycled Water 4%, Water Resources Fund 3.5%, and Administrative Services Fund 4.5%.	
Capital Improvement Plan (CIP) partially dependent upon Federal Loans, low interest State Revolving Fund Loans and proposed new debt.	Debt, loan, and grants to support major construction projects such as the construction of RP-1 Thickening and completion of RP-5 Expansion projects

Appendix Table A2: Wastewater Connection Fees

Rate Description	FY 2023/24 Adopted	FY 2024/25 Adopted
Projected New Connections	3,000	3,000
Wastewater Connection Fee	\$8,132	\$8,620
Rate change	7%	6%
Effective Date	7/01/23	7/01/24

Appendix Table A3: Monthly EDU Sewage Rates

	FY 2023/24 Adopted	FY 2024/25 Adopted
EDU Monthly Rate	\$23.39	\$24.79
Rate Change	7%	6%
Effective Date	7/01/23	7/01/24

Appendix Table A4: Recycled Water Rates

Rate Description	FY 2023/24 Adopted	FY 2024/25 Adopted
Projected Acre Feet (AF)	34,000	34,000
Direct AF Rate	\$510	\$465
Groundwater Recharge AF Rate	\$660	\$665
Fixed Cost Recovery	\$2.4M	\$5.0M

Appendix Table A5: Water Connection Fees

Rate Description	FY 2023/24 Adopted	FY 2024/25 Adopted
Projected Meter Equivalent Units (MEUs)	3,700	3,700
One Water Connection Fee (for 5/8" and 3/4" meter size)	\$1,896	\$1,953
Effective Date	7/01/23	7/01/24

Appendix Table A6: Inter-Fund Loan Repayment Schedule

Inter Fund Loans Issued	Due to	Loan Amount (\$Millions)	Repayment Schedule (\$ Millions)
FY 2007/08	Regional Wastewater Capital (RC) Fund	\$3.0	2022/23 \$2.0 2023/24 \$1.0 Total \$3.0
FY 2014/15	Regional Wastewater Capital Improvement (RC) Fund	10.5	2023/24 \$5.0 2024/25 \$5.5 Total \$10.5
Total	Grand Total	\$13.5	\$13.5

Review of Proposed Biennial Budget for Fiscal Years 2023/24 and 2024/25 for the Regional Wastewater and Recycled Water Programs

Kristine Day
Assistant General Manager
May 25, 2023 / June 1, 2023

Adopted Rates and Fees

Fund	Wastewater Operations	Wastewater Capital	Recycled Water			
As of July 1	Monthly Sewer (EDU)	Wastewater Connection Fee (EDU)	Fixed Cost Recovery ***	Recycled Water Direct Use (AF)***	Recycled Water Recharge (AF)***	One Water Connection Fee (MEU)**
FY 2020/21*	\$20.00	\$6,955	-	\$490	\$550	\$1,684
FY 2021/22	\$21.22	\$7,379	-	\$520	\$580	\$1,787
FY 2022/23	\$21.86	\$7,600	\$1.11M	\$516	\$616	\$1,841
FY 2023/24	\$23.39	\$8,132	\$2.36M	\$510	\$660	\$1,896
FY 2024/25	\$24.79	\$8,620	\$4.96M	\$465	\$665	\$1,953

*On May 6, 2020, the Board approved to defer rate increases and maintain the rates unchanged for FY 2020/21

**Rates for FYs 2020/21 through 2024/25 adopted July 2020

*** Rates for FYs 2022/23 through 2024/25 adopted June 2022

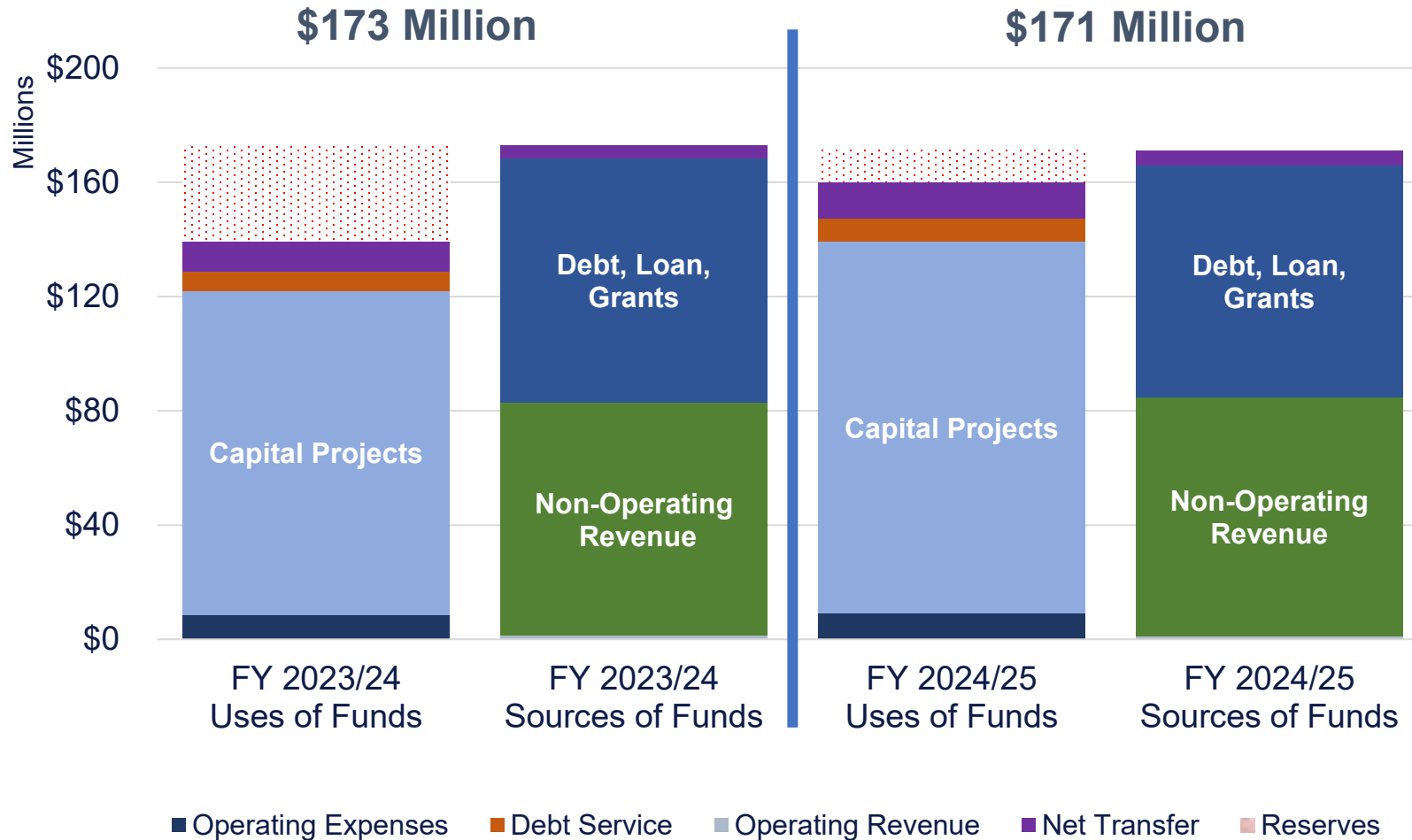
Property Tax Allocation

- Maintain property tax fixed percent allocation

Fund	Current Allocation Fixed %	FY 2022/23 Projected Actual	FY 2023/24 Proposed	FY 2024/25 Proposed
Regional Wastewater Capital	65%	\$50.4M	\$51.4M	\$52.2M
Regional Wastewater Operations	23%	\$17.8M	\$18.2M	\$18.5M
Recycled Water	4%	\$2.9M	\$3.1M	\$3.2M
Administrative Services	4.5%	\$3.5M	\$3.5M	\$3.6M
Water Resources	3.5%	\$2.7M	\$2.8M	\$2.8M
Total		\$77.3M	\$79.0M	\$80.3M

Wastewater Capital Improvement Fund

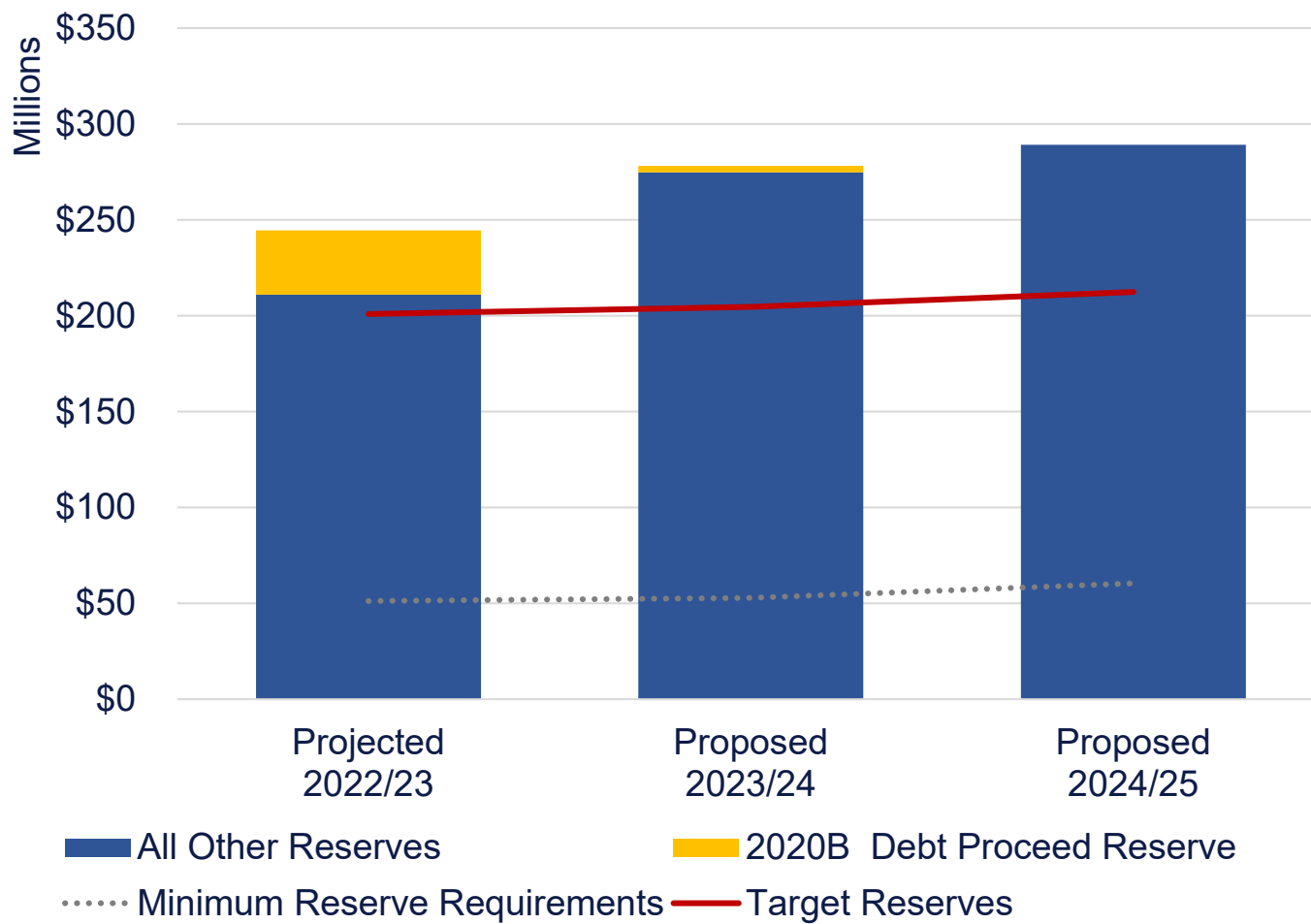
Total Sources and Uses of Funds



Major Projects:

- RP-1 Thickening Building & Acid
- RP-5 Expansion
- RP-1 Solids & Liquid Treatment
- Asset Management Improvements
- Carbon Canyon Wastewater Reclamation Facility (CCWRF) Asset Management

Wastewater Capital Improvement Fund Fund Reserves

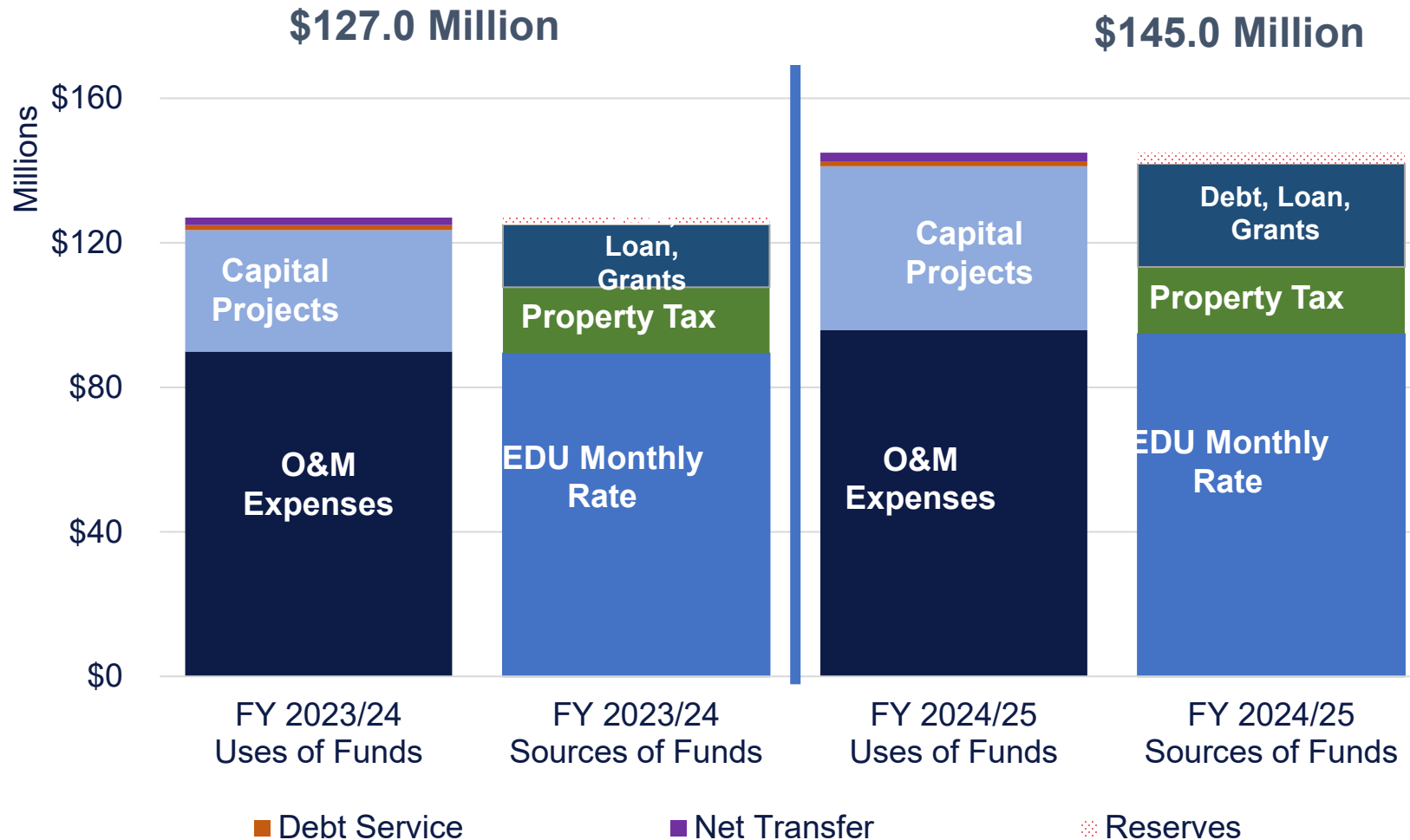


Stable reserves for planned capital project expenditures:

- Use of 2020B Revenue Notes (RP-5 Expansion)
- Use of connection fees
- Use of Property Tax
- State loans and grants

Wastewater Operations & Maintenance Fund

Total Sources and Uses of Funds



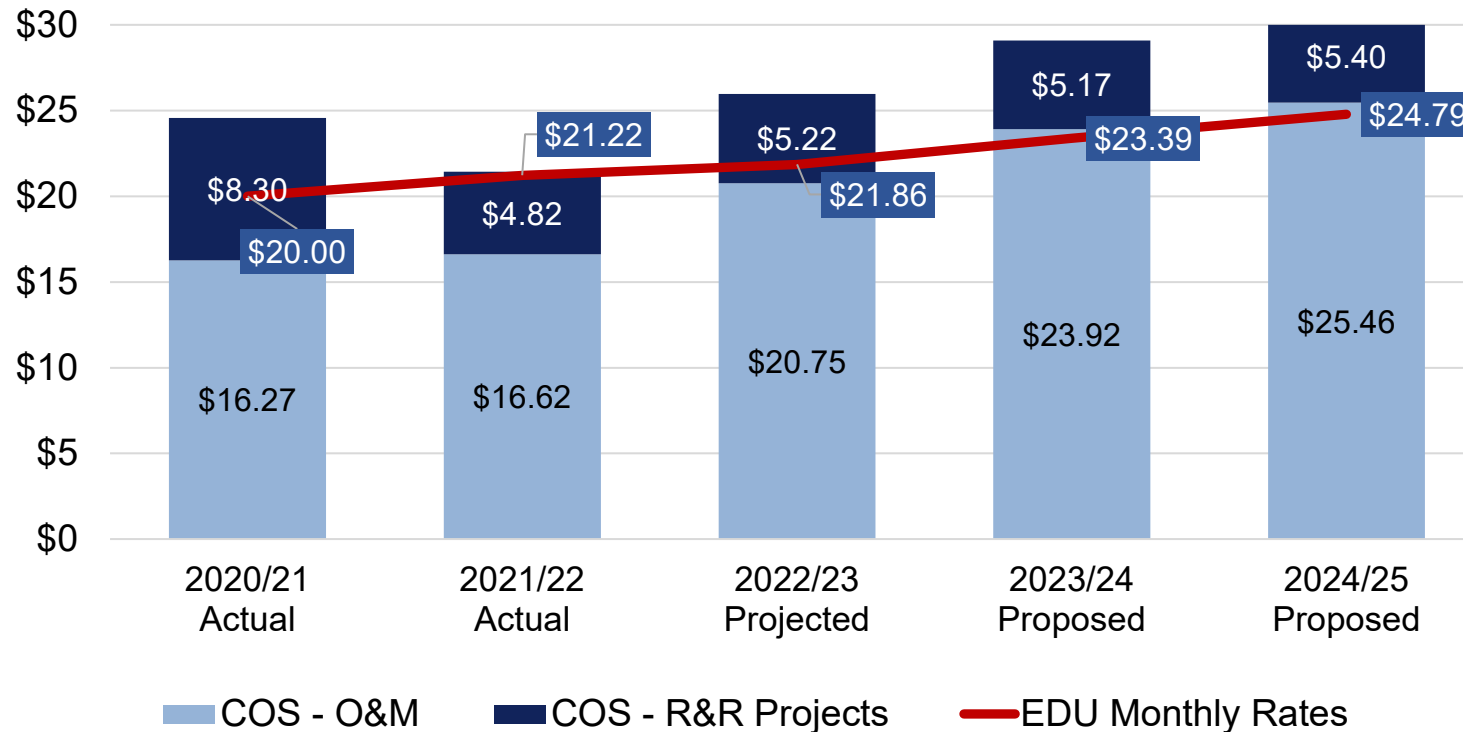
Major Projects:

- RP-4 Advanced Water Purification Facility (9 TAFY) cost related to design funded through property tax
- SCADA Enterprise System
- RP-1 Secondary System Rehabilitations
- RP-4 Process Improvements Phase II
- RP-1 Influent Pump Station Electrical Improvements

Wastewater Operations & Maintenance Fund

Cost of Service/EDU

	2022/23 Adopted	2023/24 Proposed	2024/25 Proposed
Monthly EDU Rate	\$21.86	\$23.39	\$24.79



- COS components include O&M, R&R Projects, and Debt Service
- Sewer use study underway
- Replacement and rehabilitation (R&R) project costs not recovered by rates will be supported by property taxes and reserves

Wastewater Operations & Maintenance Fund

Fund Reserves



- Stable reserves after property taxes and reserves to support planned R&R* capital projects

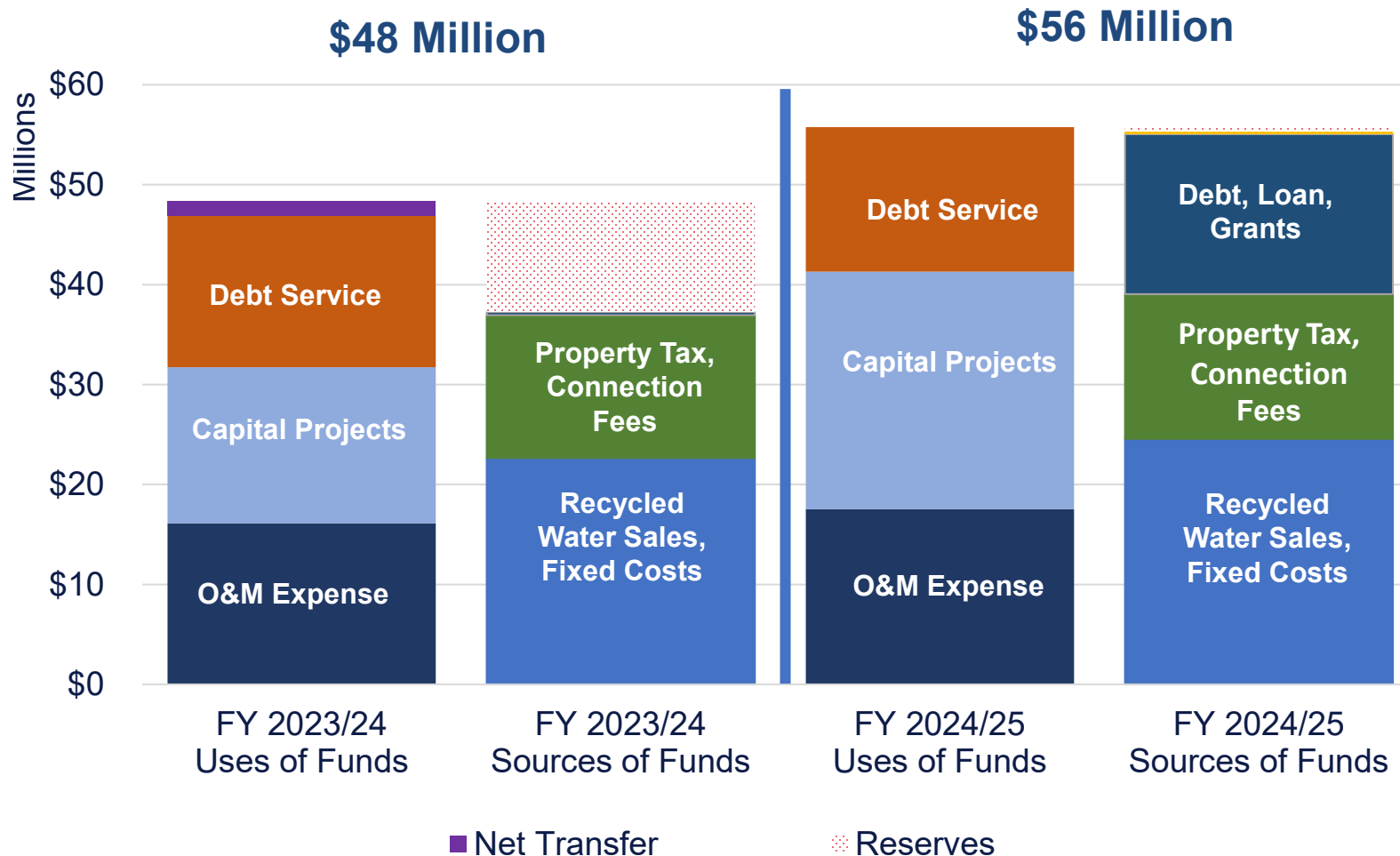
Funding Sources

Advance Water Purification Facility (AWPF) Design

- The AWPF is a single construction project of a 15-thousand-acre feet year (TAFY) facility. Currently, the allocation of costs is divided between compliance 60 percent (9TAFY) and recycled water 40% percent (6TAFY).
- For FY 2023/24 and FY 2024/25 the cost associated to the AWPF are only related to the design of the facility for a total of \$1.1 million and \$3.6 million, respectively.
- The compliance funding sources for these two fiscal years is derived from property taxes in amount of \$2.6 million. The recycled water component will be funded through the grant from the California Water Commission in the amount of \$2.1 million.

Recycled Water Fund

Total Sources and Uses of Funds



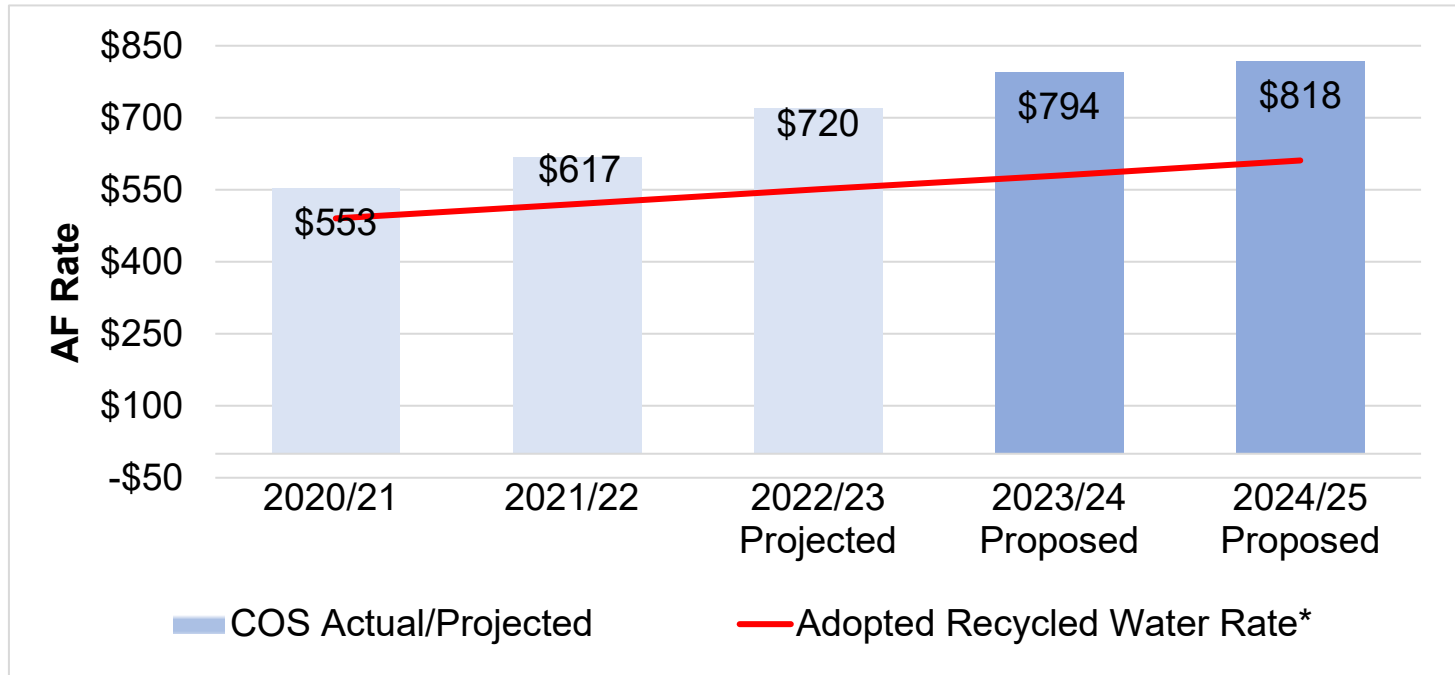
Major Projects:

- RP-4 Advanced Water Purification Facility (6 TAFY*) cost related to design funded through grants
- Replenishing Facilities
- Recycled Water Interconnection to the City of Rialto
- Recycled Water Connections to Jurupa Community Services District

**Thousand Acre Feet per Year*

Recycled Water Fund Cost of Service/AF

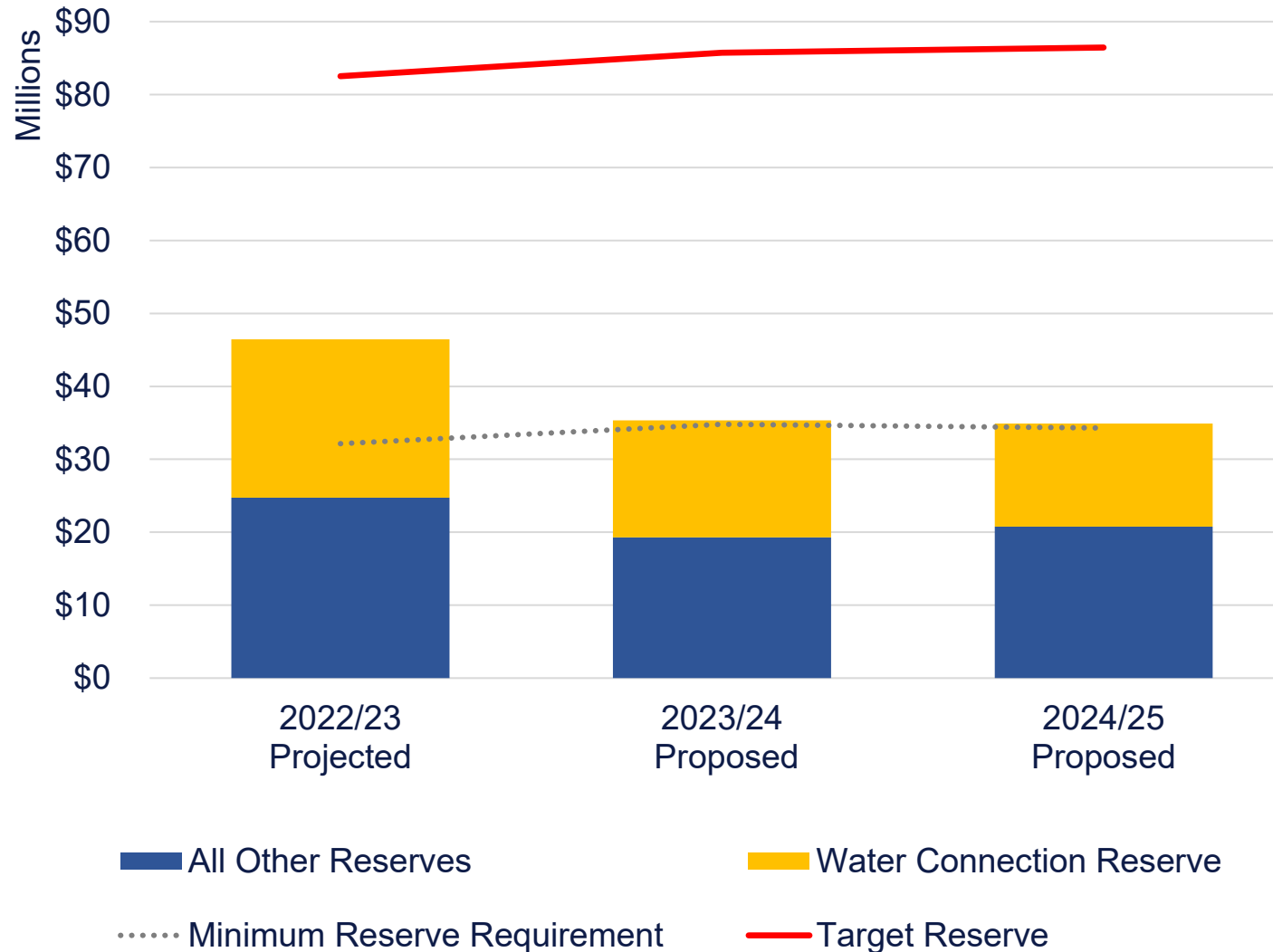
Recycled Water Acre Foot Rate	2022/23 Adopted	2023/24 Adopted	2024/25 Adopted
Direct Delivery	\$516	\$510	\$465
Groundwater Recharge	\$616	\$660	\$665
Fixed Cost Recovery	\$1.1M	\$2.4M	\$5.0M



- Cost of service components include O&M, CIP, and Debt Service
- June 2022 Recycled Water Rate Structure changed to include Fixed Cost Recovery to support debt service costs
- COS shortfall is supported by Fixed Cost Recovery and reserves

*Adopted Recycled Water rate includes Fixed Cost Recovery equivalent amount

Recycled Water Fund Reserves



- Projected decrease to support planned capital project costs.
- Agency will continue to pursue federal and state grants to support implementation of projects
- Maintain reserve levels above the minimum requirements

Staff's Recommendation

The Regional Committees recommend approval to the IEUA Board of Directors (Board) for the proposed FYs 2023/24 and 2024/25 Biennial Budget for the Agency's Regional Wastewater Capital Improvement Fund and the Regional Wastewater Operations and Maintenance Fund.

Biennial Budget Review and Approval Timeline

Month	Budget Item	IEUA Committee	IEUA Board	Regional Technical	Regional Policy
Mar 2023	FY 2023/24 – 2024/25 Wastewater Cost of Service and Proposed Rates workshop		3/01/23	3/30/23	4/6/23
Apr 2023	Adoption of Service Rates (EDUs), Wastewater Connection Fees, and Extra-Territorial Service Charges	4/12/23	4/19/23		
	Regional Program Budgets (Wastewater and Recycled Water) Information Item	4/12/23	4/19/23	4/27/23	5/4/23
May 2023	Non-Reclaimable Wastewater, Groundwater Recharge, Water Resources, and Administrative services Budgets	5/10/23	5/17/23		
Jun 2023	Recommend to the board to adopt Biennial Budget for the Regional Wastewater Capital and Operations & Admin Program			5/25/23	6/1/23
Jun 2023	Proposed to adopt the FYs 2023/24 – 2024/25 Biennial Budget, Rate Resolutions, and TYCIP	6/14/23	6/21/23		

Questions



**INFORMATION
ITEM**

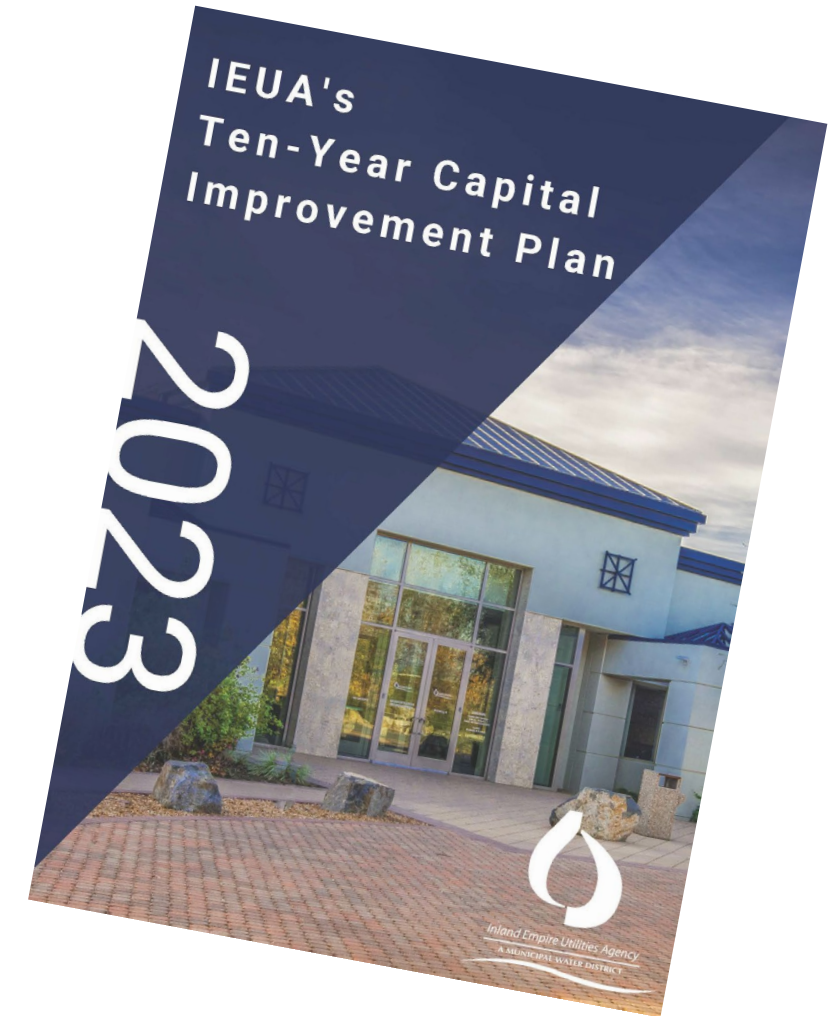
2A

Ten-Year Capital Improvement Plan & Sewer Capital Forecast FY 2023/24 - FY 2032/33

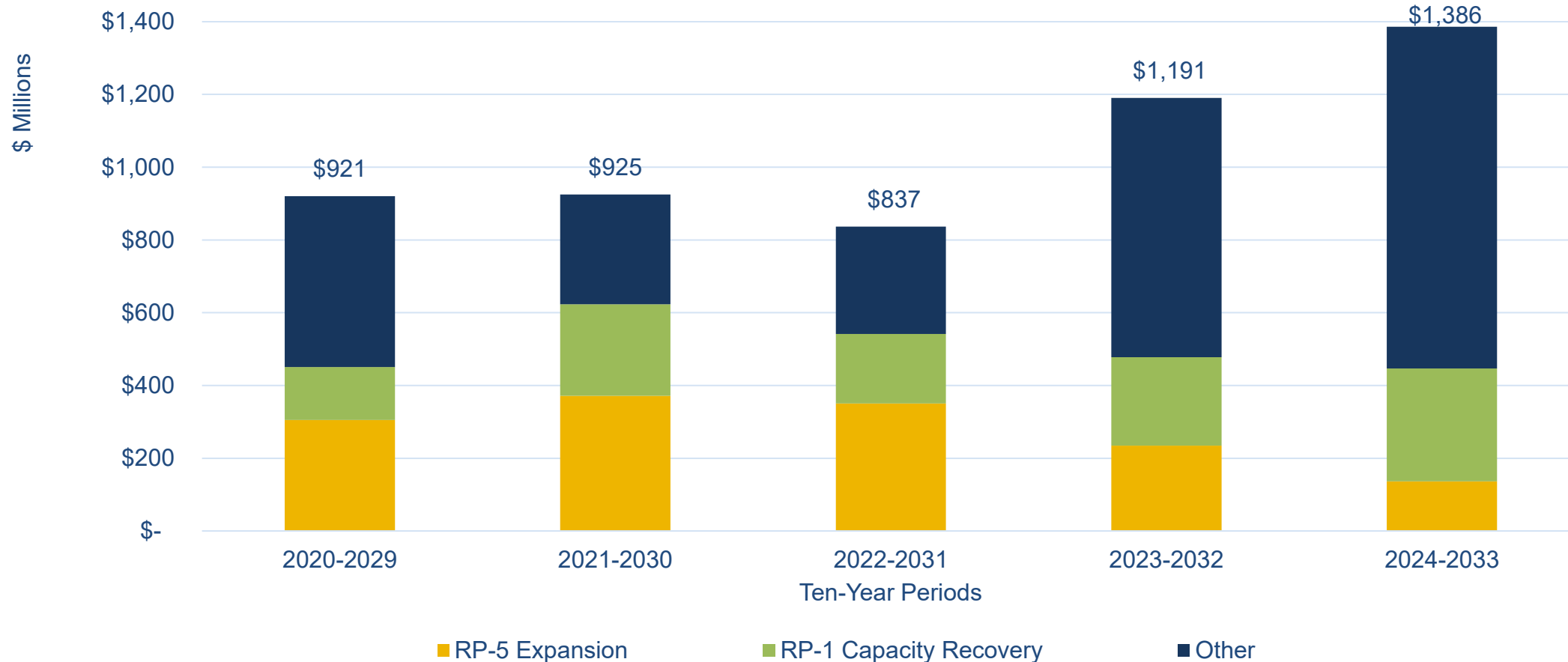
Jerry Burke, P.E.
Director of Engineering
May/June 2023

Ten-Year Capital Improvement Plan (TYCIP)

- Comprehensive planning document that lists capital projects planned over the next 10-years
 - Administrative Services
 - Non-Reclaimable Wastewater
 - Regional Wastewater Capital Improvement
 - Regional Wastewater Operations and Maintenance
 - Groundwater Recharge
 - Recycled Water
 - Water Administration
- Agency wide effort
- Promotes transparency into Agency capital activities



Proposed TYCIP \$1,386M FYs 2024- 2033



Major TYCIP Projects

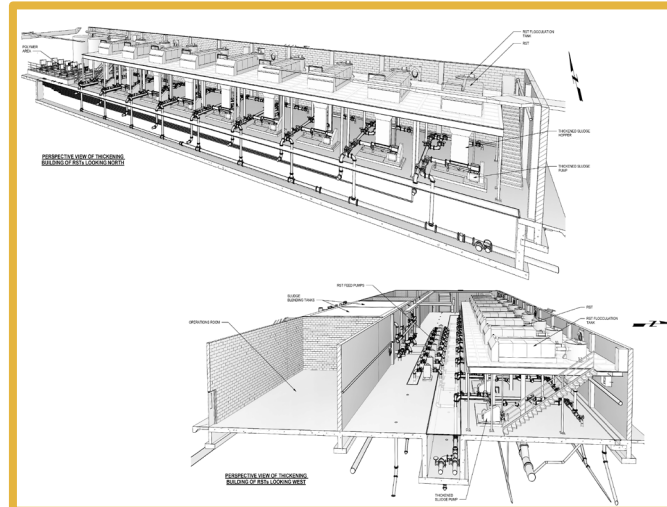
- Completion of RP-5 Expansion
- Advanced Water Purification
- Recycled Water Program Expansion (Replenishment Wells & External Supplies)
- RP-1 Thickening Building & Acid Phase Digester
- RP-1 Liquid Treatment Capacity Recovery
- Recycled Water Interconnection City of Rialto
- 6 Thousand Acre Feet Year AWPf



Completion of RP-5 Expansion



Advanced Water Treatment



RP-1 Thickening Building & Acid Phase Digester



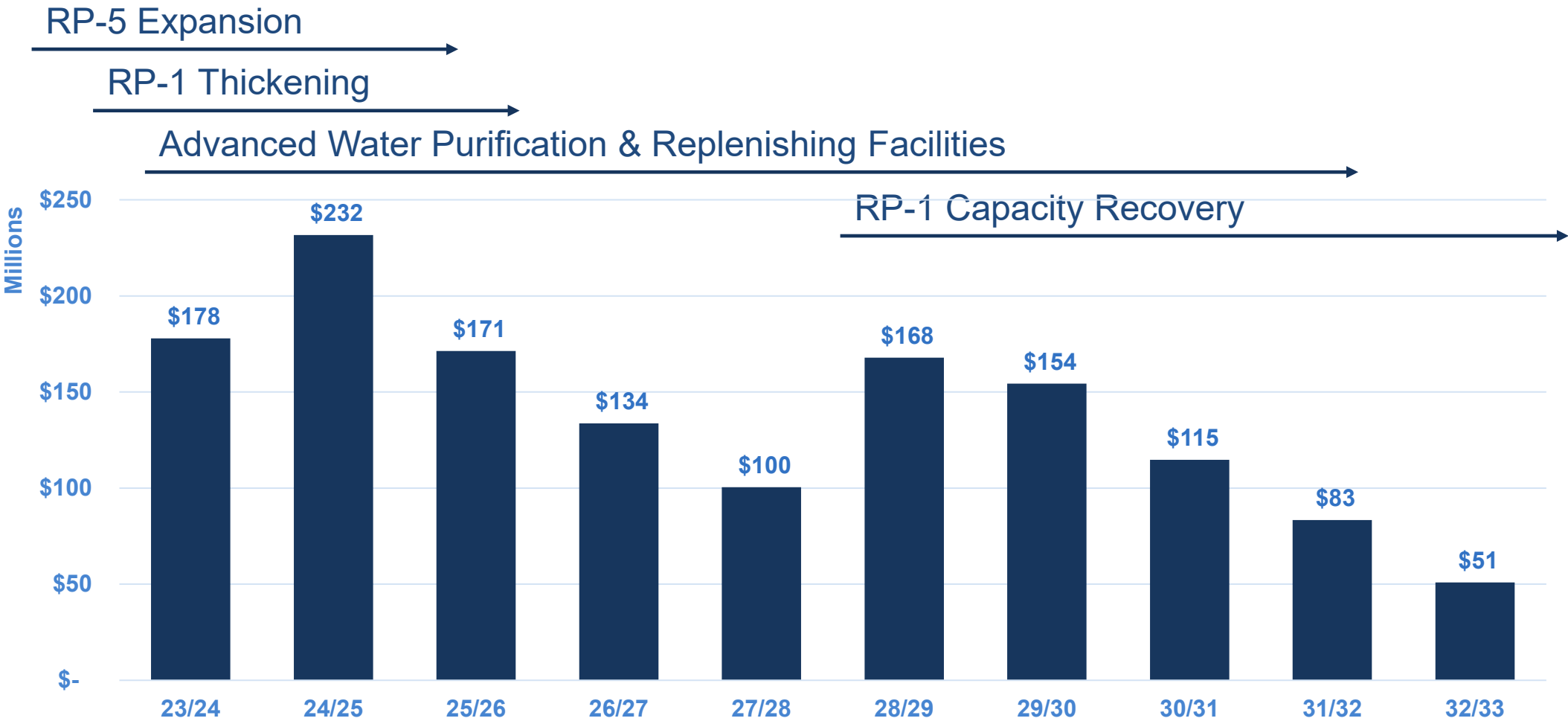
RP-1 Liquid Treatment Capacity Recovery

Major Capital Improvement Projects over \$50 million

- List of major wastewater capital improvement projects
 - 8 out of 30 total projects
 - Over \$50 million in ten-year spending

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

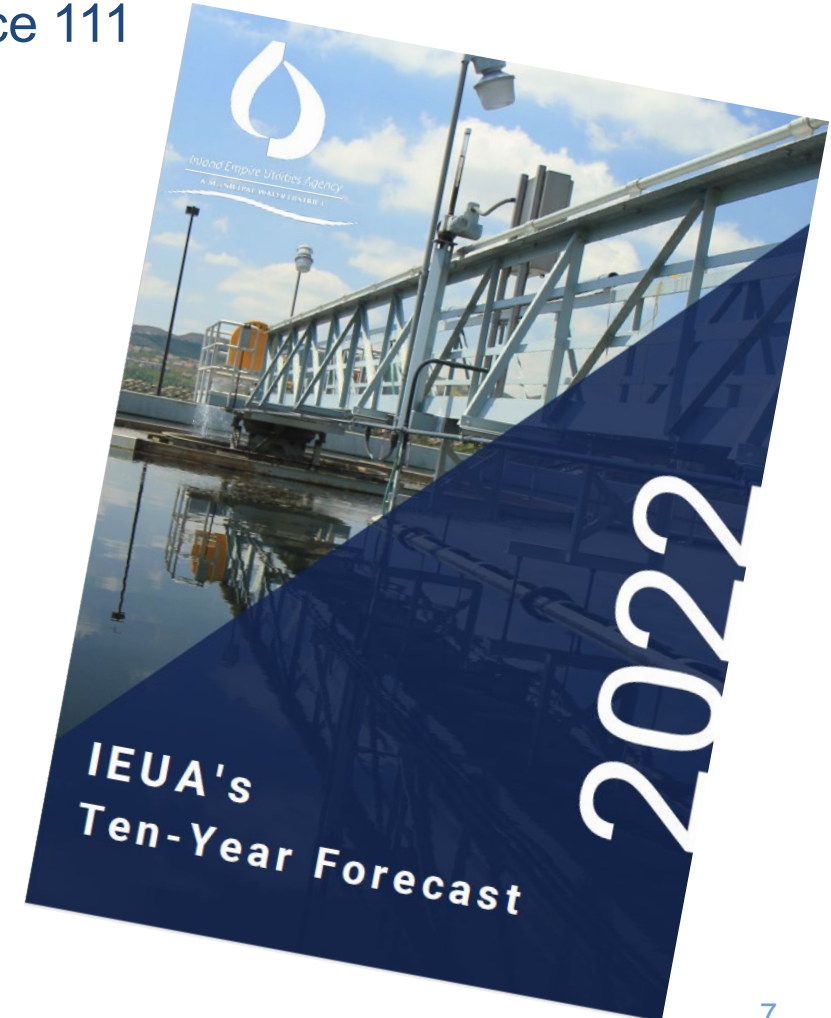
Ten-Year Capital Improvement Plan



**All values rounded to nearest million (\$)*

Sewer Capital Forecast

- Ensures compliance with Regional Sewage Service Ordinance 111
- Planning document
- Contains supplemental wastewater information



Wastewater Capital Spending Comparison

- Approved FY 2022/23 Ten-Year Regional Wastewater Capital Spending **\$544 Million**
- Projected FY 2023/24 Ten-Year Regional Wastewater Capital Spending **\$522 Million**



RP-5 Expansion (Picture from February 2022)

TYCIP



Questions

**INFORMATION
ITEM**

2B

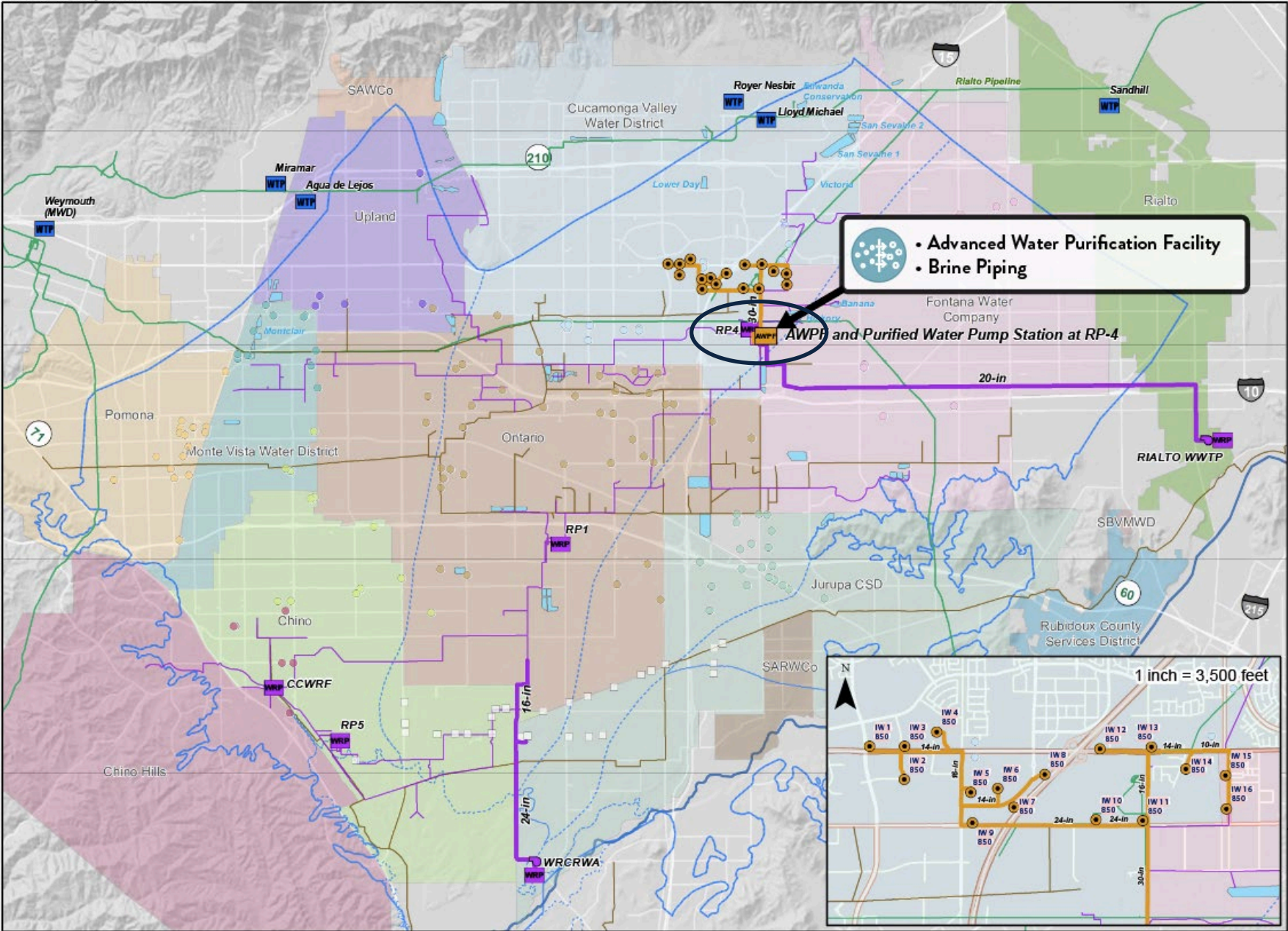
Consulting Program Management and Owner Engineering Solicitation Update



Adham Almasri, P.E., PMP
Principal Engineer
May/June 2023

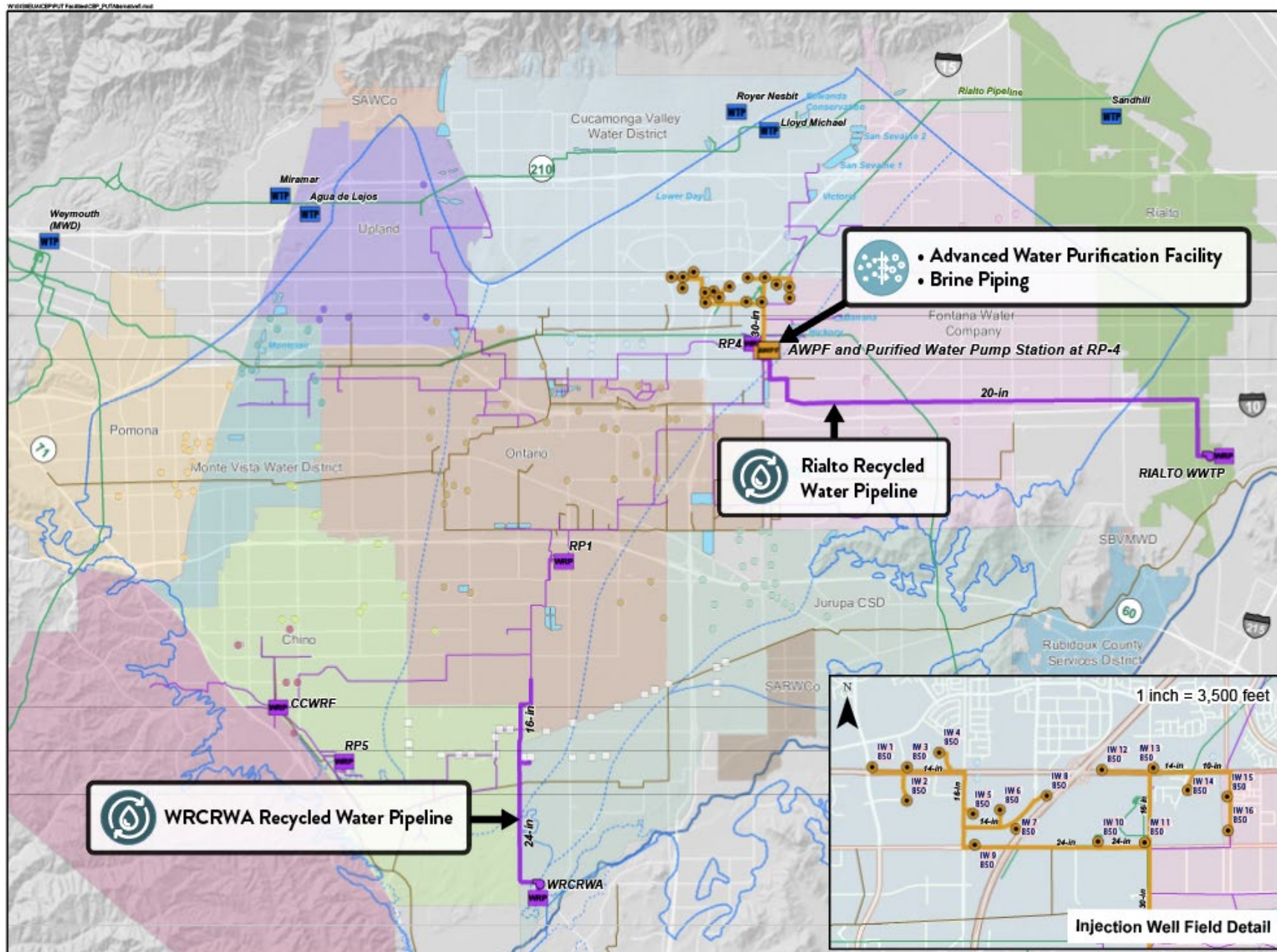
Capital Project Alternatives- *Facility Comparison*

Facility	Baseline Compliance		Recycled Water Program Expansion (15 TAFY)	CBP WSIP (15 TAFY)
	Salinity (9 TAFY)	PFAS (15 TAFY)		
Advanced Water Purification Facility [AWPF]	✓	✓	✓	✓
External Supplies <ul style="list-style-type: none"> • City of Rialto RW • WRCRWA RW 			✓ ✓	✓ ✓
Aquifer Replenishing Wells			✓	✓
Extraction and Regional Distribution System <ul style="list-style-type: none"> • Wells and Laterals • Backbone Distribution System 				✓ ✓
MWD Interconnection				✓



Baseline Compliance

- AWPf



Recycled Water Program Expansion

- AWPf
- Rialto RW
- WRCRWA RW
- Aquifer Replenishing Wells

The map illustrates the Fontana Water Company's infrastructure, including pipelines, treatment plants, and reservoirs. Key features include:

- Pipelines:** MWD Potable Pipeline, MWD Rialto Pipeline Turn-in, MWD Booster Pump Station, Lloyd Michael WTP Potable Pipeline, Fontana Potable Pipeline, Upper Feeder (1283), Rialto Pipeline (1936), and Etowanda Pipeline (1936).
- Locations:** Royer Nesbit, Lloyd Michael, Rancho Cucamonga, Sandhill, Rialto, and Ontario.
- Infrastructure:** Extraction Wells, Extraction Well Collection Piping, Booster Station #1, and Reservoir #1 (1,100).
- Legend:** Potable Reservoir #1, Groundwater Treatment Plant, and Potable Booster Station #1.



Consultant Program Manager's Areas of Services

- Staff Augmentation
- Owner Engineering: Subject matter experts
- Coordination with a third-party legal team
- Support IEUA with land acquisition
- Support with funding applications, public outreach, and compliance
- Preparation of an asset management plan for all new facilities

Solicitation Milestones

Solicitation Step	Target Date
Request for Qualifications (RFQ)	8/17/2022
Industry Presentation	9/07/2022
One-on-One Meeting with IEUA and Site Tour	9(14-15) & 9/(26-29)/2022
Question Deadline	9/30/2022
SOQ Due Date	10/18/2022
Shortlist	12/5/2022
Request for Proposal to Shortlisted Consultants	12/12/2022
Proposals Due Date	1/31/2023
Interviews	3/6/2023 & 3/(27+28)/2023

Evaluation Criteria

- Four consulting teams were pre-qualified/short-listed:
 - Ardurra and GHD
 - Parsons and Atkins
 - Jacobs
 - Black & Veatch and CDM Smith

Criteria	Points
Technical and Implementation Approach	30
Technical Exercise	10
Labor Rates	20
Interview	40

Based on proposals' evaluation and outcome of the interviews, the Jacobs team is the deemed the most qualified consulting team.

Next Steps

- Negotiate with the most qualified consulting team
- Provide recommendations to IEUA's Board of Directors to award a master service contract with a not-to-exceed amount, to be determined for the first 2 years

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Regional Sewerage Program Policy Committee Meeting

AGENDA

**Thursday, June 1, 2023
3:30 p.m.**

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

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

The public may participate and provide public comment during the meeting by joining in person or by calling the number provided above. Comments may also be submitted by email to the Recording Secretary Laura Mantilla at lmantilla@ieua.org prior to the completion of the Public Comment section of the meeting. Comments will be distributed to the Policy Members.

Call to Order

Roll Call

Flag Salute

Public Comment

Members of the public may address the Committee on any item that is within the jurisdiction of the Committee; however, no action may be taken on any item not appearing on the agenda unless the action is otherwise authorized by Subdivision (b) of Section 54954.2 of the Government Code.
Comments will be limited to three minutes per speaker.

Additions to the Agenda

In accordance with Section 54954.2 of the Government Code (Brown Act), additions to the agenda require two-thirds vote of the legislative body, or, if less than two-thirds of the members are present, a unanimous vote of those members present, that there is a need to take immediate action and that the need for action came to the attention of the local agency subsequent to the agenda being posted.

(Continued)

1. Technical Committee Report (Oral)

2. Action Item

- A. Approval of May 4, 2023 Policy Committee Meeting Minutes
- B. Review of Proposed Biennial Budget for Fiscal Years 2023/24 and 2024/25 for the Regional Wastewater and Recycled Water Programs

3. Informational Items

- A. Ten-Year Capital Improvement Plan & Sewer Forecast FY 2023/24 – 2032/33
- B. Chino Basin Program Consulting Program Management and Owner Engineering Solicitation Update
- C. Fats, Oils, Greases (FOG), and Wipes Impact Outreach

4. Receive and File

- A. Building Activity Report
- B. Recycled Water Distribution – Operations Summary

5. Other Business

- A. IEUA General Manager's Update
- B. Committee Member Requested Agenda Items for Next Meeting
- C. Committee Member Comments
- D. Next Meeting – July 6, 2023

Adjourn

DECLARATION OF POSTING

I, Laura Mantilla, Executive Assistant of the Inland Empire Utilities Agency*, a Municipal Water District, hereby certify that per Government Code Section 54954.2, a copy of this agenda has been posted at the Agency's main office, 6075 Kimball Avenue, Building A, Chino, CA and on the Agency's website at www.ieua.org at least seventy-two (72) hours prior to the meeting date and time above.

In compliance with the Americans with Disabilities Act, if you need special assistance to participate in this meeting, please contact Laura Mantilla at (909) 993-1944 or lmantilla@ieua.org 48 hours prior to the scheduled meeting so that IEUA can make reasonable arrangements to ensure accessibility.

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Building Activity Report - YTD Fiscal Year 2022/23



Legend

Service Area

Unincorporated

Residential

<=1.0

1.0 - 10.0

>10.0

Commercial

<=1.0

1.0 - 10.0

>10.0

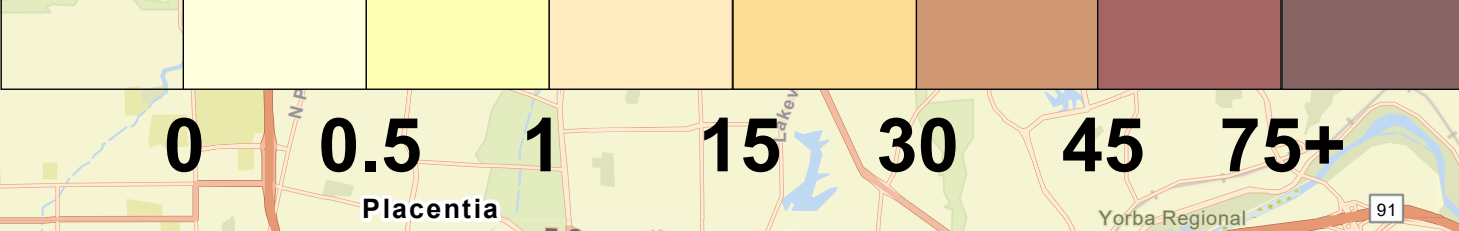
Industrial

<=1.0

1.0 - 10.0

>10.0

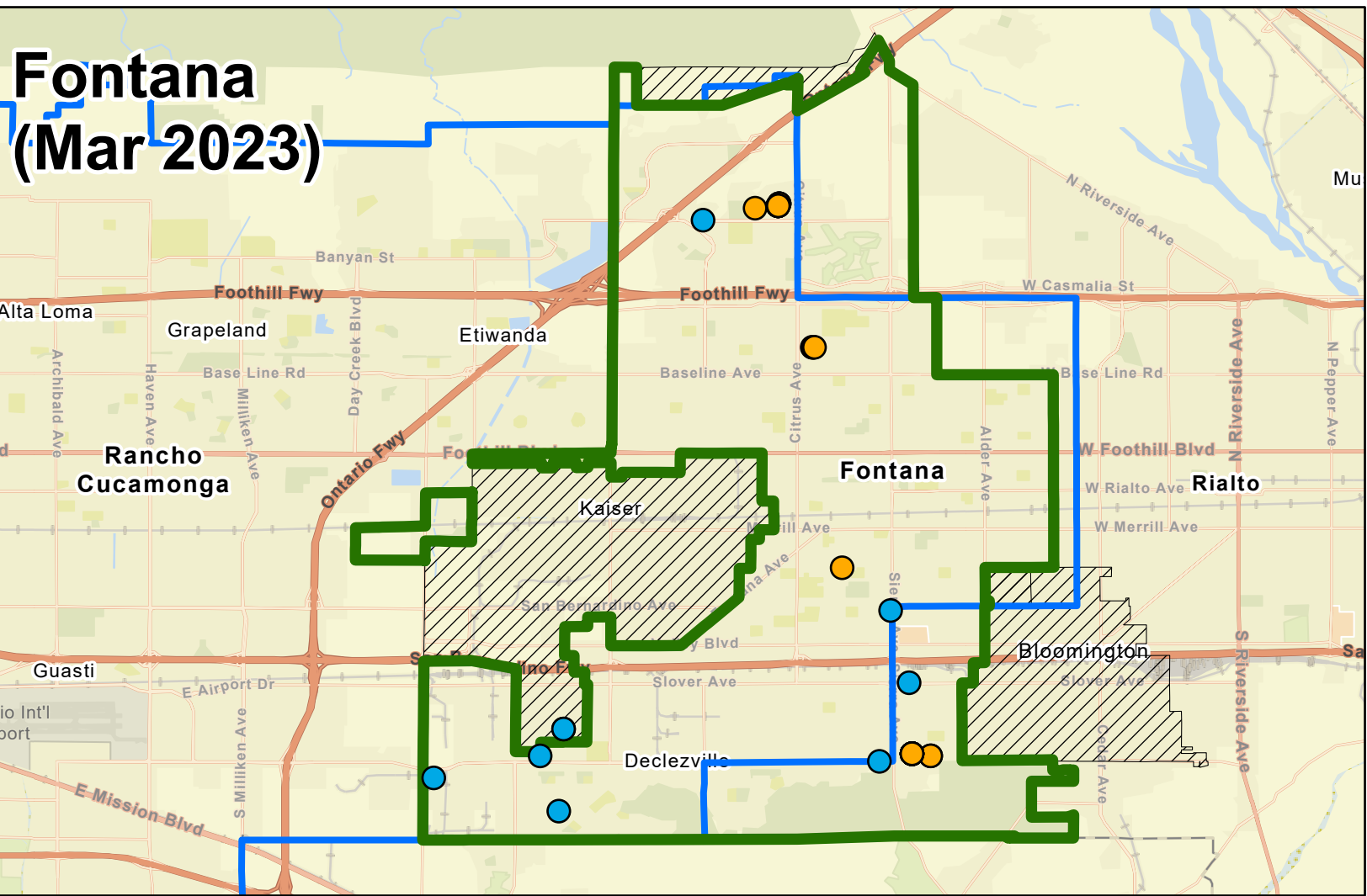
HALF MILE GRID: TOTAL EDU's (YTD)



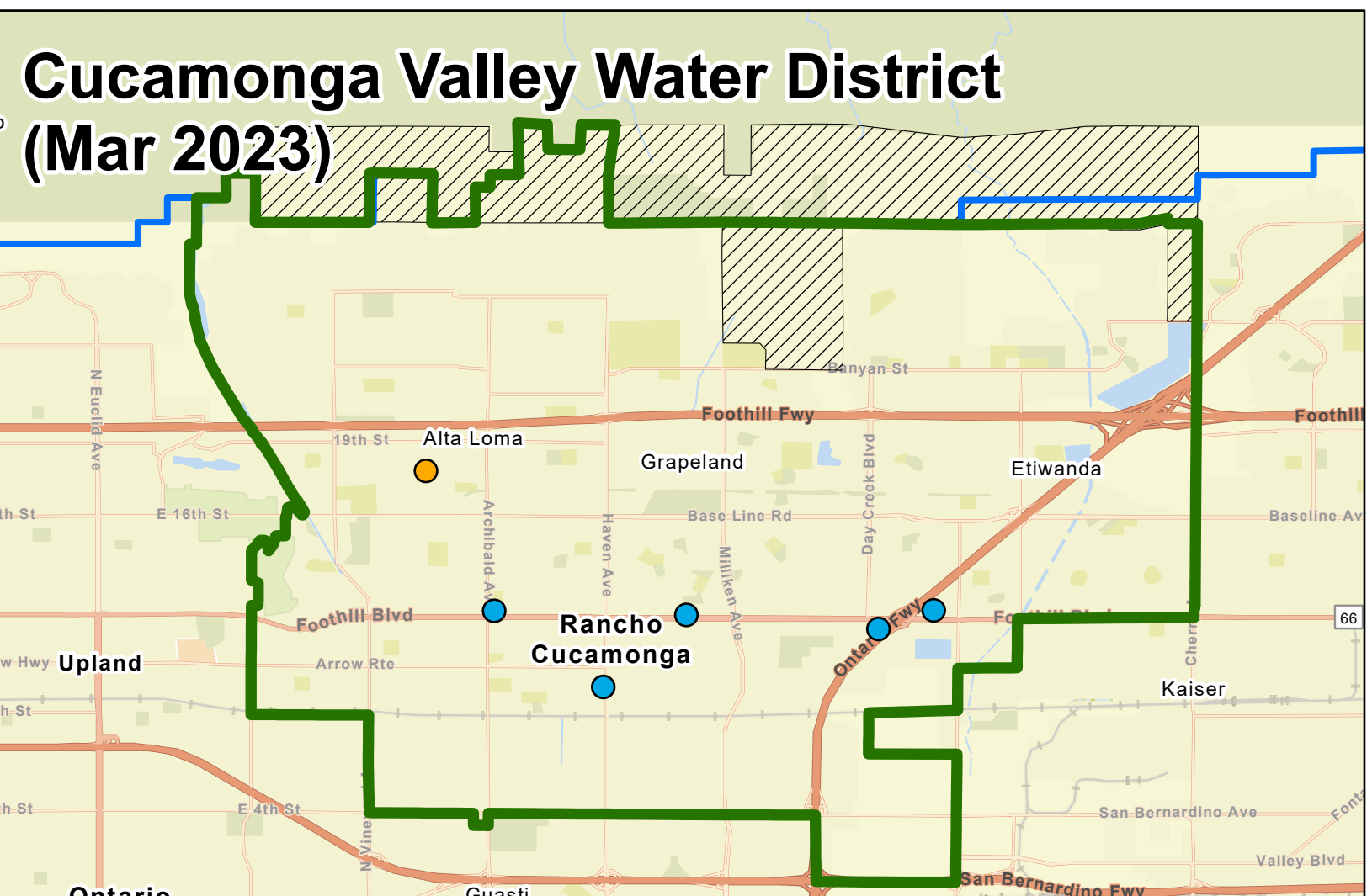
TOTAL EDU BY WASTEWATER CONNECTION TYPE (YTD)

Contracting Agency	YTD Actual				Projected
	Commercial (EDUs)	Industrial (EDUs)	Residential (EDUs)	Total (EDUs)	
Chino	39	0	66	105	434
Chino Hills	22	0	2	24	19
CVWD	29	0	24	53	2050
Fontana	70	2	299	371	962
Montclair	19	2	0	21	474
Ontario	83	152	595	831	3780
Upland	17	0	74	91	340
Total	279	157	1060	1496	8059

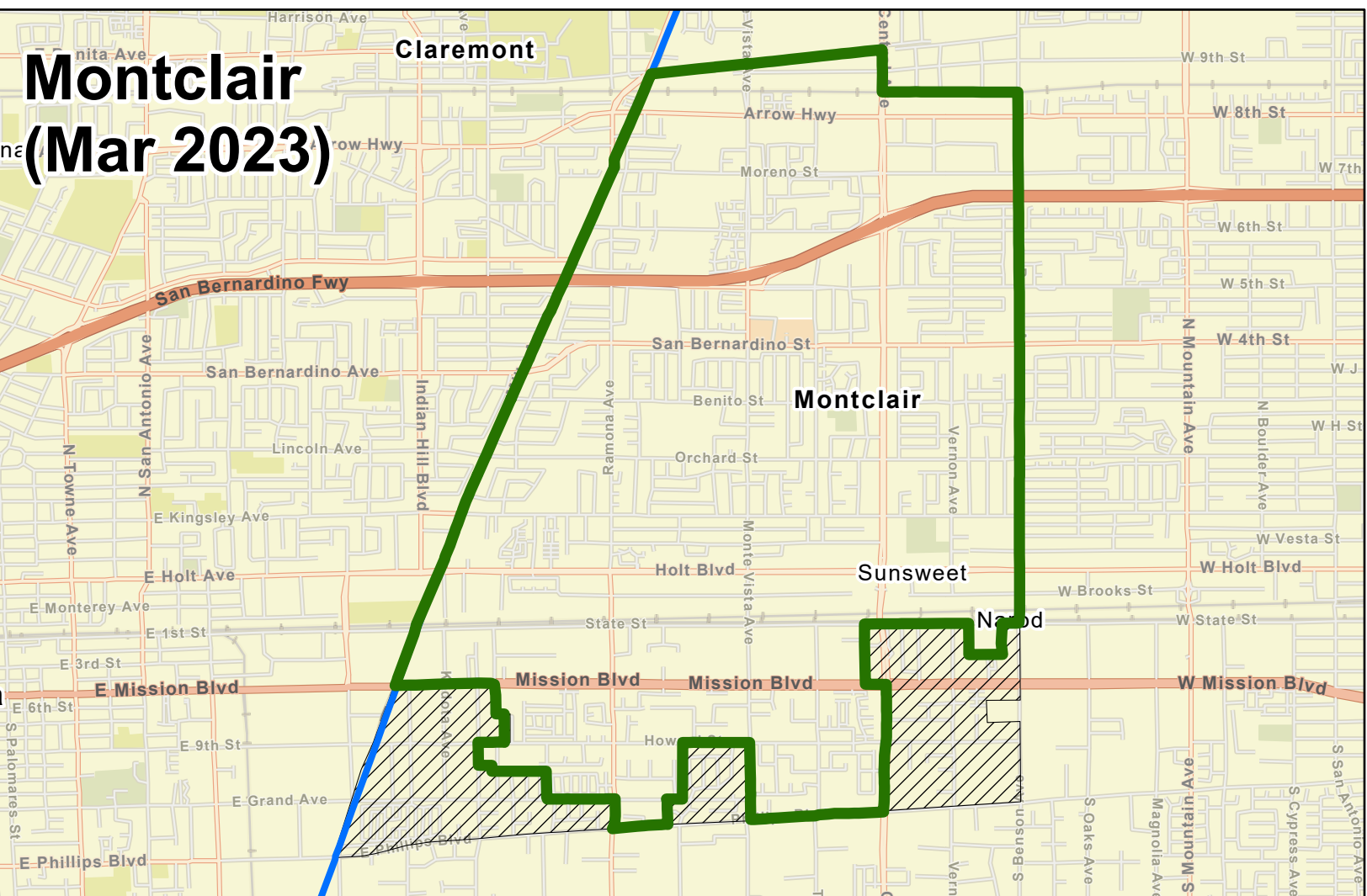
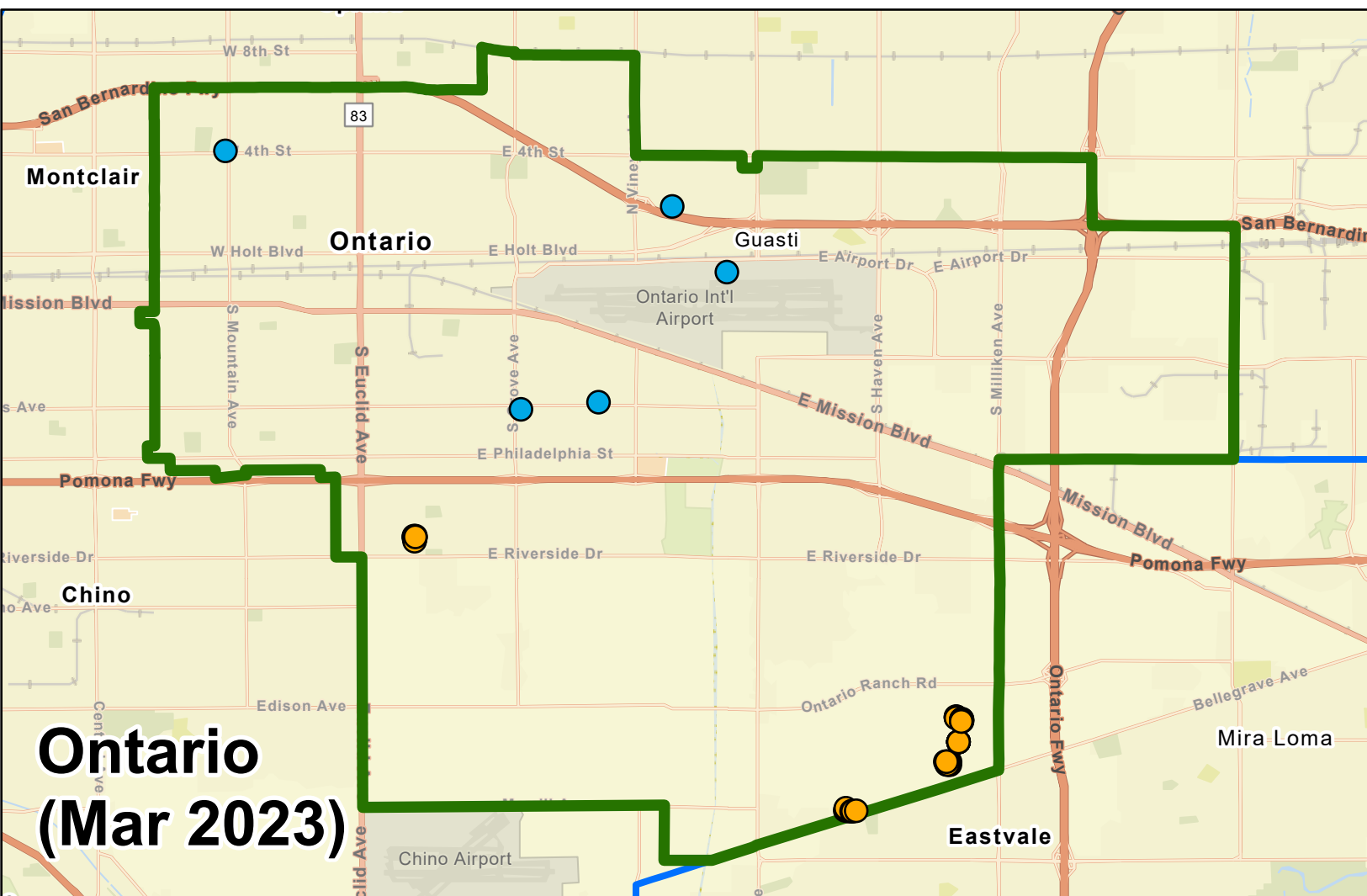
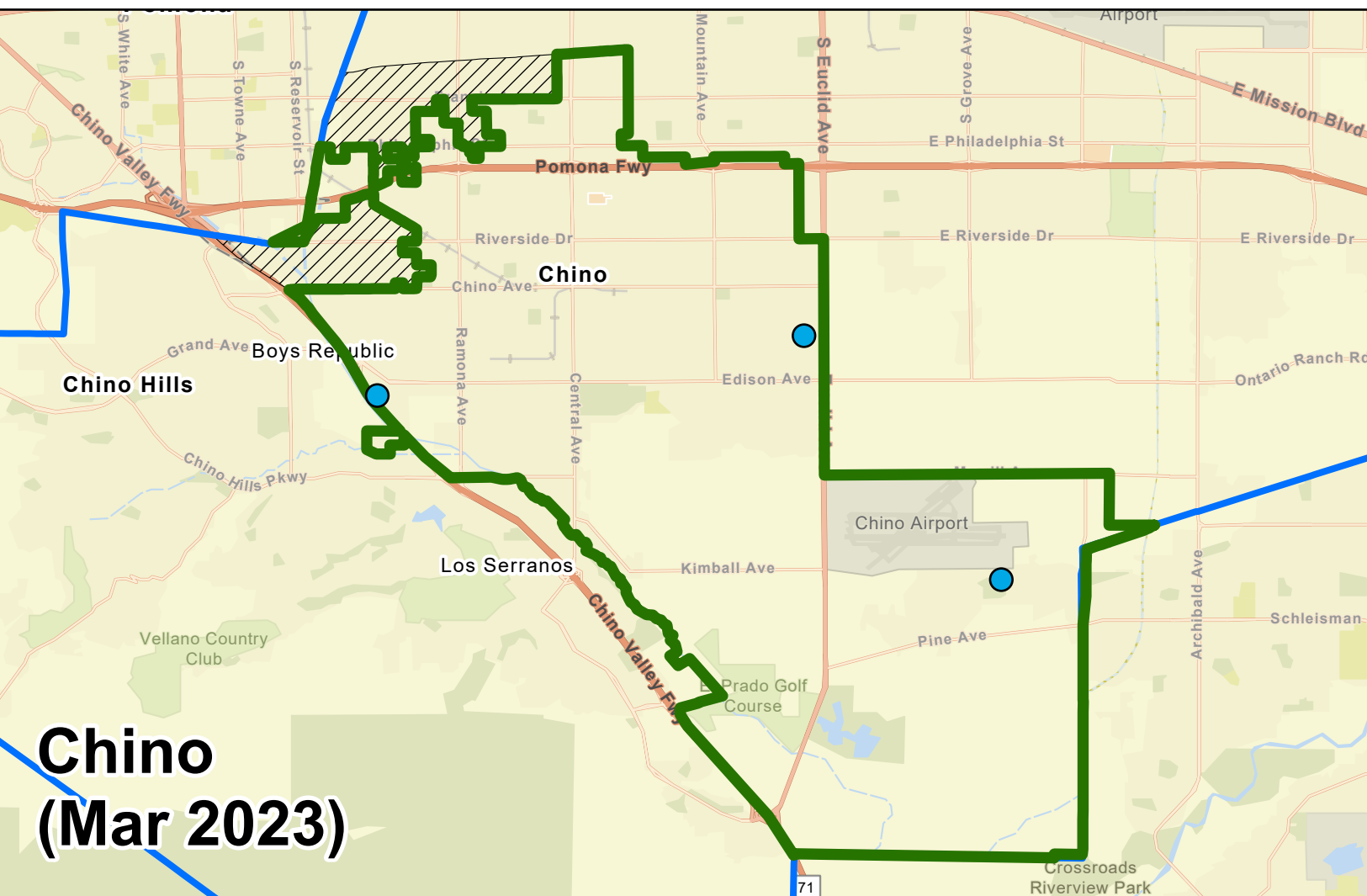
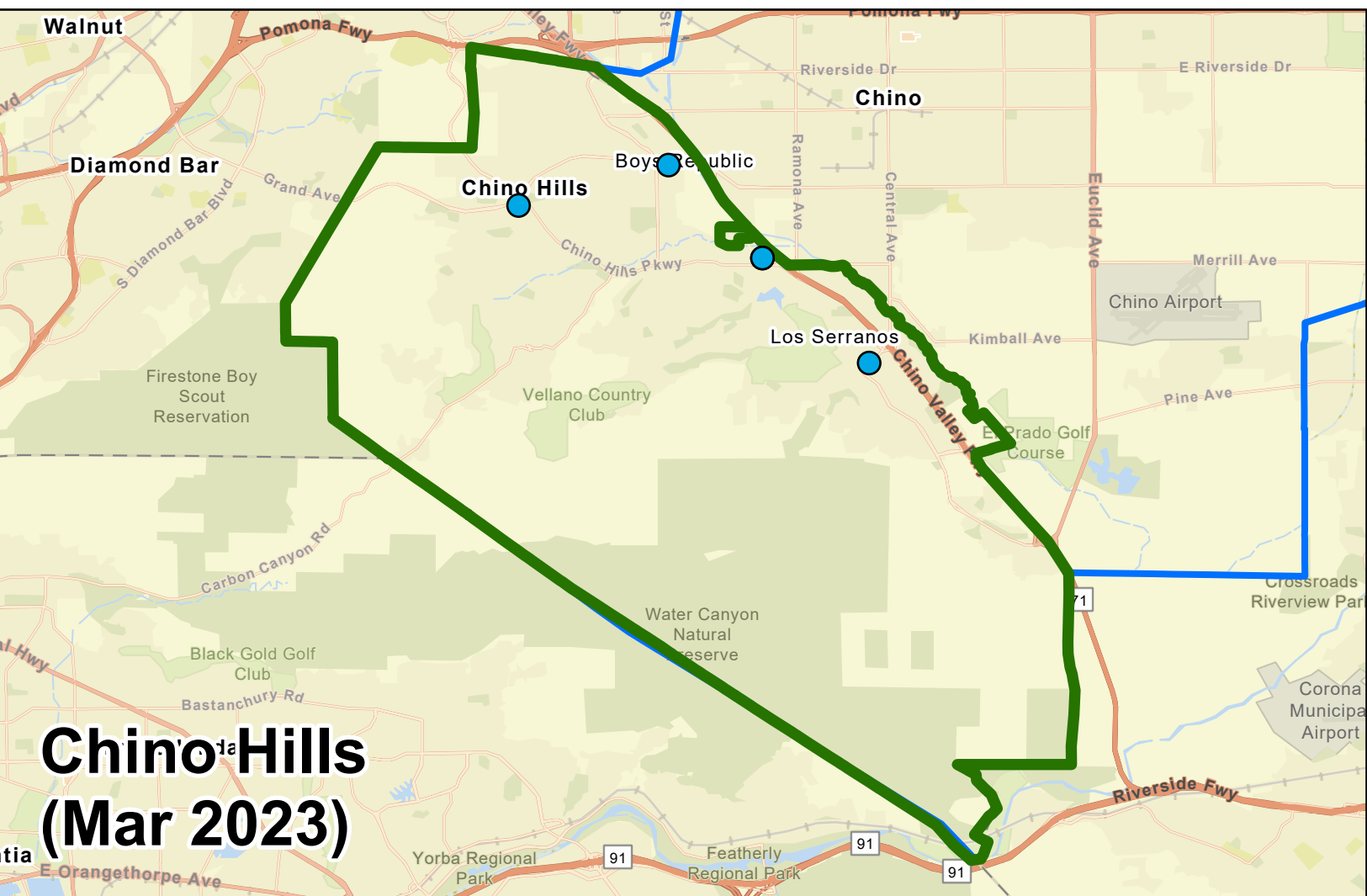
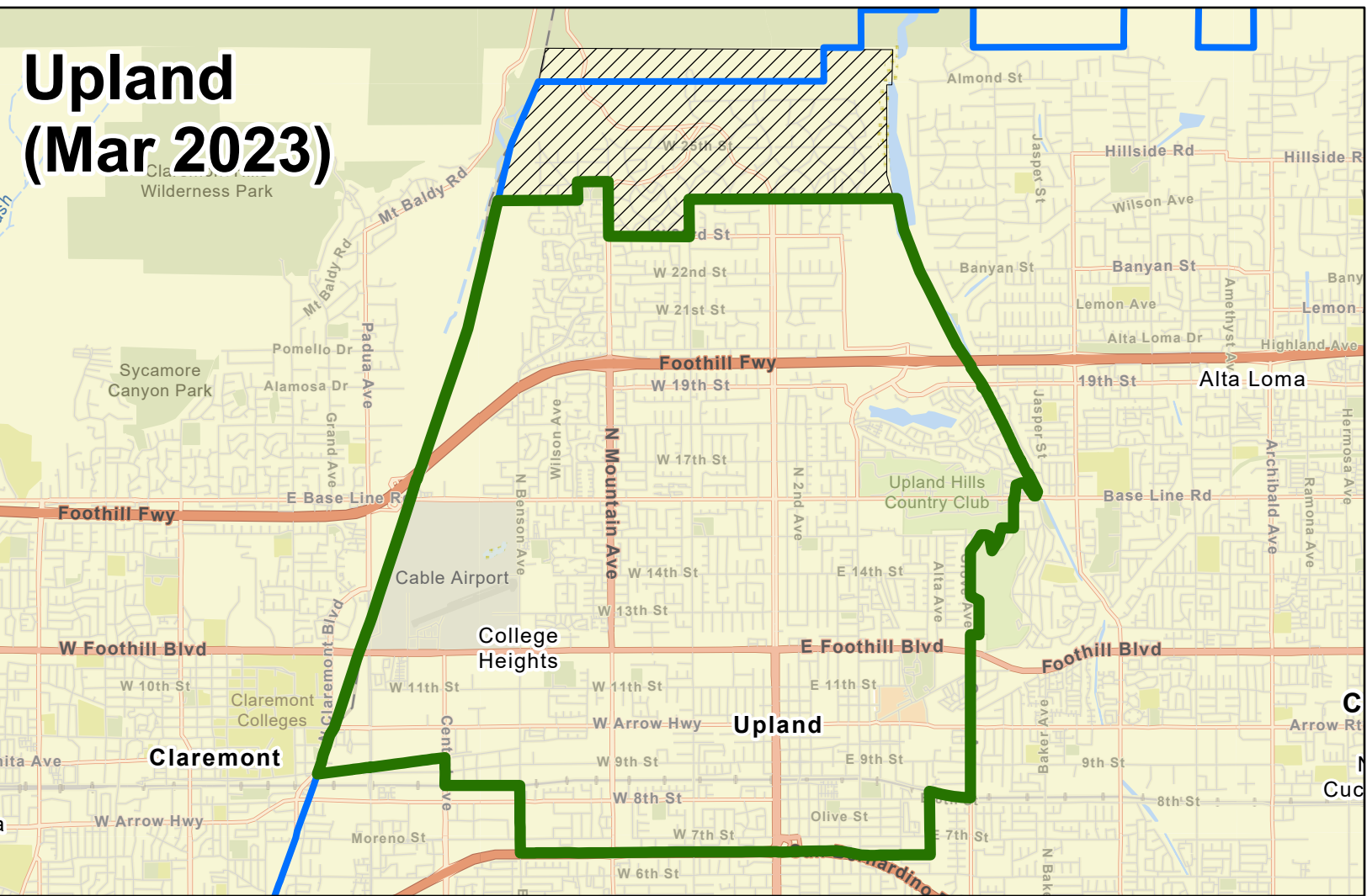
Fontana (Mar 2023)



Cucamonga Valley Water District (Mar 2023)



Upland (Mar 2023)



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3C

IEUA RECYCLED WATER DISTRIBUTION – APRIL 2023

TOTAL ALL PLANTS

Influent: 52.3 MGD
 Delivered: 20.6 MGD
 Percent Delivered: 39%

Preliminary Deliveries

RW GWR: 8.7 MGD
 RW Direct Use: 11.9 MGD

RP-4

Delivered: 6.9 MGD

RP-1

Delivered: 7.1 MGD

CCWRF

Delivered: 5.2 MGD

RP-5

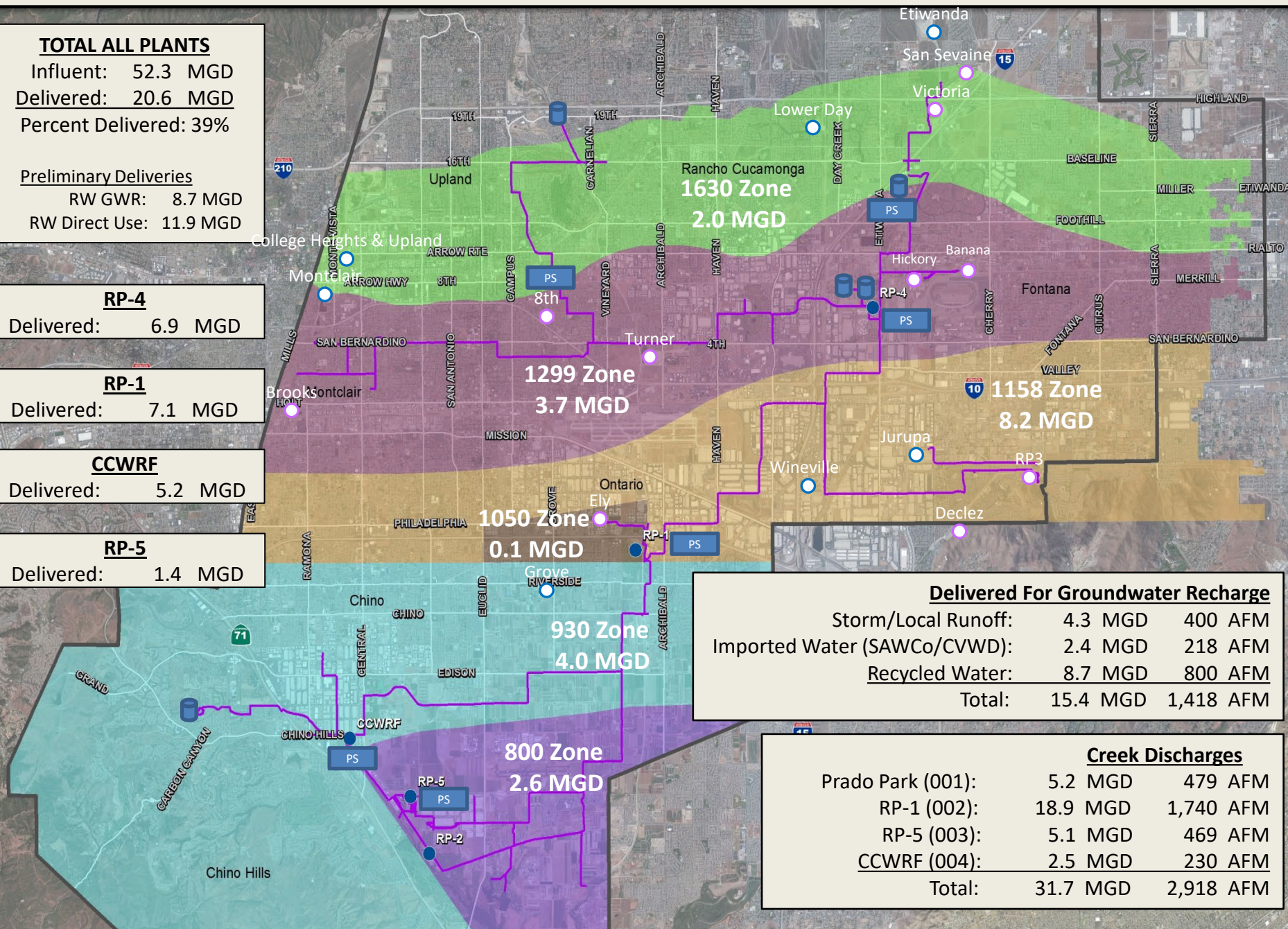
Delivered: 1.4 MGD

Delivered For Groundwater Recharge

Storm/Local Runoff:	4.3 MGD	400 AFM
Imported Water (SAWCo/CVWD):	2.4 MGD	218 AFM
Recycled Water:	8.7 MGD	800 AFM
Total:	15.4 MGD	1,418 AFM

Creek Discharges

Prado Park (001):	5.2 MGD	479 AFM
RP-1 (002):	18.9 MGD	1,740 AFM
RP-5 (003):	5.1 MGD	469 AFM
CCWRF (004):	2.5 MGD	230 AFM
Total:	31.7 MGD	2,918 AFM



Recycled Water Recharge Deliveries - April 2023 (Acre-Feet)

Basin	4/1-4/8	4/9-4/15	4/16-4/22	4/23-4/30	Month Actual	FY To Date Actual	Deliveries are draft until reported as final and do not included evaporative losses.	
Ely	0.0	0.0	0.0	0.0	0.0	137		
Banana	0.0	0.0	0.0	0.0	0.0	598		
Hickory	0.0	0.0	0.0	0.0	0.0	121		
Turner 1&2	0.0	0.0	0.0	0.0	0.0	149		
Turner 3&4	0.0	0.0	0.0	0.0	0.0			
8th Street	0.0	2.4	32.1	50.3	84.8	877		
Brooks	0.0	0.0	22.3	33.8	56.1	735		
RP3	98.5	94.9	86.9	212.0	492.3	6416		
Declez	0.0	0.0	0.0	0.0	0.0	31		
Victoria	4.7	4.1	32.8	74.2	115.8	622		
San Seavine	13.6	35.6	1.8	0.0	51.0	2205		
Total	116.8	137.0	175.9	370.3	800.0	11,891	14,202	AF previous FY to day actual

