



Regional Sewerage Program Policy Committee Meeting

AGENDA

Thursday, April 3, 2025

3:30 p.m.

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

Telephone Access: (415) 856-9169/Conf ID: 960 375 500#

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 Yvonne Taylor at ytaylor@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)

Regional Sewerage Program Policy Committee Meeting Agenda

April 3, 2025

Page 2 of 2

1. Technical Committee Report *(Oral)*

2. Action Items

- A. Approve minutes of March 6, 2025 Policy Committee Meeting
- B. Recommend the IEUA Board of Directors Approve the Proposed Fiscal Years 2025/26 and 2026/27 Rates and Fees for the Regional Wastewater Program

3. Information Items

- A. Grants Semi-Annual Update (Written)
- B. Ten-Year Sewer Capital Forecast Fiscal Year 2025/26 – Fiscal Year 2026/27 (PowerPoint)

4. Receive and File Item

- A. Building Activity Report (Written)

5. Other Business

- A. IEUA General Manager's Update
- B. Committee Member Requested Future Agenda Items
- C. Committee Member Comments
- D. Next Meeting – May 1, 2025

Adjourn

DECLARATION OF POSTING

I, Jennifer Hy-Luk, Board Services Officer 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 Yvonne Taylor at (909) 993-1626 or ytaylor@ieua.org 48 hours prior to the scheduled meeting so that IEUA can make reasonable arrangements to ensure accessibility.

ACTION ITEM

2A



Regional Sewerage Program Policy Committee Meeting

MINUTES OF THE MARCH 6, 2025 MEETING

CALL TO ORDER

A meeting of the Inland Empire Utilities Agency (IEUA)/Regional Sewerage Program (RSP) Policy Committee was held on Thursday, March 6, 2025, at 6075 Kimball Avenue, Building A, Chino, California.

Chair Peter Rogers/City of Chino Hills called the meeting to order at 3:30 p.m. Recording Secretary Jennifer Hy-Luk established a quorum was present. Chair Rogers led the Pledge of Allegiance.

Committee Members Present:

Curtis Burton	City of Chino
Peter Rogers	City of Chino Hills
Phillip Cothran	City of Fontana
John Dutrey	City of Montclair
Debra Dorst-Porada	City of Ontario
Bill Velto	City of Upland
Randall Reed	Cucamonga Valley Water District (CVWD)
Steven J. Elie	Inland Empire Utilities Agency (IEUA)

Others Present:

Greg Baird	Black & Veatch
Ann Bui	Black & Veatch
Hye Jin Lee	City of Chino
Ben Orosco	City of Chino
Ron Craig	City of Chino Hills
Chad Nishida	City of Ontario
Nicole deMoet	City of Upland
Amanda Coker	CVWD
Chris Robles	FairOntario
Kevin Alexander	IEUA
Adham Almasri	IEUA
Jerry Burke	IEUA
Robert Delgado	IEUA
Lucia Diaz	IEUA
Lisa Dye	IEUA

Others Present (continued):

Brandon Gonzalez	IEUA
Don Hamlett	IEUA
Elizabeth Hurst	IEUA
Jennifer Hy-Luk	IEUA
Kelsey Kenz	IEUA
Randy Lee	IEUA
Eddie Lin	IEUA
Alex Lopez	IEUA
Liza Munoz	IEUA
Alyson Piguee	IEUA
Travis Sprague	IEUA
Ken Tam	IEUA
Yvonne Taylor	IEUA
Wilson To	IEUA
Marco Tule	IEUA
Teresa Velarde	IEUA
Brian Wilson	IEUA
Annie Wu	IEUA
Justin Scott-Coe	Monte Vista Water District
Joe	Unknown

PUBLIC COMMENTS

There were no public comments.

ADDITIONS TO THE AGENDA

There were no additions to the agenda.

1. TECHNICAL COMMITTEE REPORT

Ron Craig/City of Chino Hills stated that at the February 27 Technical Committee meeting, all seven agencies were represented and the Committee heard updates from the BAR Subcommittee, the requested budget and timeline of the RP-5 Expansion Project, and the rate-setting process schedule.

2. ACTION ITEM

A. APPROVE MINUTES OF THE FEBRUARY 6, 2025 POLICY COMMITTEE MEETING

Motion: By Committee member Bill Velto/City of Upland and seconded by Committee member John Dutrey/City of Montclair, the Committee approved the meeting minutes of the February 6, 2025 Regional Policy Committee Meeting, by the following vote:

- Ayes: Burton, Cothran, Dorst-Porada, Dutrey, Reed, Rogers, Velto
- Noes: None
- Absent: None
- Abstain: None

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

3. INFORMATION ITEMS

A. RP-5 EXPANSION PROJECT UPDATE (POWERPOINT)

Brian Wilson/IEUA provided the presentation.

Discussion ensued regarding utilities, change orders, schedule, and contingency costs.

B. REGIONAL SEWER CONNECTION FEE EXAMPLES (POWERPOINT)

Ken Tam/IEUA, Nicole DeMoet/City of Upland, and Amanda Coker/CVWD provided the presentation.

General Manager (GM) Shivaji Deshmukh provided clarification on the reduction of liquid and increase of concentration in current sewage.

C. IEUA COST OF SERVICE UPDATE AND PROPOSED RATES FOR FISCAL YEAR 2025/26 AND FISCAL YEAR 2026/27 (POWERPOINT)

Randy Lee/IEUA and Ann Bui/Black & Veatch provided the presentation.

Committee member Debra Dorst-Porada/City of Ontario requested a detailed list of Capital Projects. Committee member Steven J. Elie/IEUA stated that the Ten-Year Capital Improvement Plan (TYCIP) includes a list of the Capital Projects. GM Deshmukh added that in addition to the TYCIP, a monthly GM's Report also contains the requested information, both of which are posted publicly on the IEUA website.

Committee member Dutrey inquired when the Committee would be presented with the Ten-Year Sewer Capital Forecast (TYSCF). GM Deshmukh stated that the TYSCF process will start in late April and is expected to be presented as an Action Item at the June Board of Directors Meeting.

Discussion ensued regarding the RP-2 decommissioning, staffing levels, salaries, and rates schedule.

Committee member Randall Reed/CVWD requested a detailed staffing report, the needs that require the proposed additional staff, the Cost-of-Living adjustments for the last 10 years, the total payroll expenses, additional information on workforce development and training, a balance sheet including revenue requirements, and the Consumer Price Index (CPI) on the Meter Equivalent Unit (MEU) rates.

Committee member Velto requested a mechanism for staff to provide feedback and ask questions prior to Policy Committee meeting.

Chair Rogers inquired about the change from a five-year to two-year rate and the need for the municipalities to perform a Proposition 218 Hearing. GM Deshmukh stated that a two-year rate was recommended as it would be fiscally prudent as opposed to a five-year rate which, given a number of uncertainties, would result in much higher rate increases.

4. RECEIVE AND FILE ITEM

Items 4A was received and filed by the Committee.

A. BUILDING ACTIVITY REPORT

5. OTHER BUSINESS

A. IEUA GENERAL MANAGER’S UPDATE

There were no GM’s comments.

B. COMMITTEE MEMBER REQUESTED AGENDA ITEMS FOR NEXT MEETING

There were no Committee member requested agenda items.

C. COMMITTEE MEMBER COMMENTS

There were no Committee member comments.

D. NEXT MEETING – APRIL 3, 2025

ADJOURNMENT

Chair Rogers adjourned the meeting at 6:10 p.m.

Prepared by:

Jennifer Hy-Luk, Board Services Officer

ACTION ITEM

2B

Date: March 27, 2025 & April 3, 2025

To: Regional Committees

From: Inland Empire Utilities Agency

Subject: Approve the Proposed Fiscal Years 2025/26 and 2026/27 Rates and Fees for the Regional Wastewater Program

RECOMMENDATION

Staff recommends that the Regional Technical and Policy Committees review and make a recommendation to the IEUA Board of Directors to approve the proposed Fiscal Years 2025/26 and 2026/27 Rates and Fees for the Regional Wastewater Program, effective July 1, 2025.

BACKGROUND

The proposed two-year rates for the Regional Wastewater Program are based on a cost of service and rate study conducted by Black & Veatch. The proposed rates were first presented to IEUA Board of Directors on March 5, 2025, the Regional Sewage Program Policy Committee on March 6, 2025, and were further discussed during a rate workshop with customer agencies on March 12, 2025. The rate study provides a detailed analysis of IEUA's financial needs, and the recommended rate adjustments are essential to ensuring the continued operation, maintenance, and capital improvements of the wastewater programs. This rate study will be distributed to IEUA Board of Directors as part of the Board meeting packet on rate adoption scheduled for April 16, 2025.

These adjustments are critical for managing increasing operation and maintenance costs, funding essential capital replacement needs for the protection of public health and maintaining appropriate reserve levels for future requirements and responsible financial management.

In addition, the FYs 2025/26 and 2026/27 Biennial Budget, along with the Proposed Ten-Year Capital Improvement Plan (TYCIP) and the Ten-Year Sewer Capital Forecast (TYSCF) for the Regional Wastewater Program, will be presented at future meetings. These plans, which informed the development of the cost of service and rate study, will provide additional detail into the long-term financial strategies and capital project plans for the wastewater system.

Key Objective

A key objective of IEUA Board of Directors is to establish rates and fees that fully recover the cost of providing service. Pursuant to the Regional Sewage Service Contract and Ordinance 114, the monthly EDU rate is to support O&M costs, replacement and rehabilitation (R&R) of assets, and fund reserves.

Fiscal Years 2025/26 and 2026/27 Proposed Rates and Fees for Regional Capital Connection Fee and the Monthly EDU Charge.

The proposed Regional Wastewater rates and fees are based on a cost of service and rate study for FYs 2025/26 - 2026/27 and the TYSCF for FYs 2025/26 – 2034/35. The rates and fees are presented before the final budget to support the Sewage Customer Agencies (SCA) in compliance with their Proposition 218 notification process, as applicable.

As a result of the Black & Veatch cost of service and rate study, IEUA staff are recommending no adjustment for the Wastewater Connection Fee and an adjustment of 9% for the Monthly Equivalent Dwelling Unit (EDU) Rate for FY 2025/26, effective July 1, 2025, and of 9% rate adjustment for FY 2026/27 effective July 1, 2026, as shown on Table 1. The statewide flow and loading study are still ongoing; the results of the study will be used to inform the next five-year wastewater rate study.

**Table 1:
Proposed Regional Wastewater Connection Fee and Monthly EDU Rates**

Program	Rate Description	FY 2024/25 Current	FY 2025/26 Proposed	FY 2026/27 Proposed
Regional Wastewater Capital	Wastewater Connection Fee	\$8,620	\$8,620	\$8,620
Regional Wastewater Operations & Maintenance	Monthly EDU	\$24.79	\$27.02	\$29.45

Regional Wastewater Program Rates

The Regional Wastewater Program is composed of the Regional Wastewater Capital Improvement (RC) fund and the Regional Wastewater Operations & Maintenance (RO) fund. The RC fund records the capital, debt, and administration activities related to the acquisition, construction, expansion, improvement, and financing of IEUA's regional wastewater treatment plants, large sewer interceptors, energy generation, and solids handling facilities. Key revenue and funding sources for the RC fund include the wastewater connection fees, property taxes, grants, and loan proceeds.

The key revenue and funding sources for the RO fund include monthly EDU charges, property taxes, and reimbursement from the Inland Empire Regional Composting Authority (IERCA) for labor and operating costs. Major expenses include operating costs for the collection, treatment, and disposal of wastewater, maintenance and capital R&R costs of regional facilities and infrastructure, organic management activities, including IEUA's 50 percent share of the IERCA composter, and debt service costs.

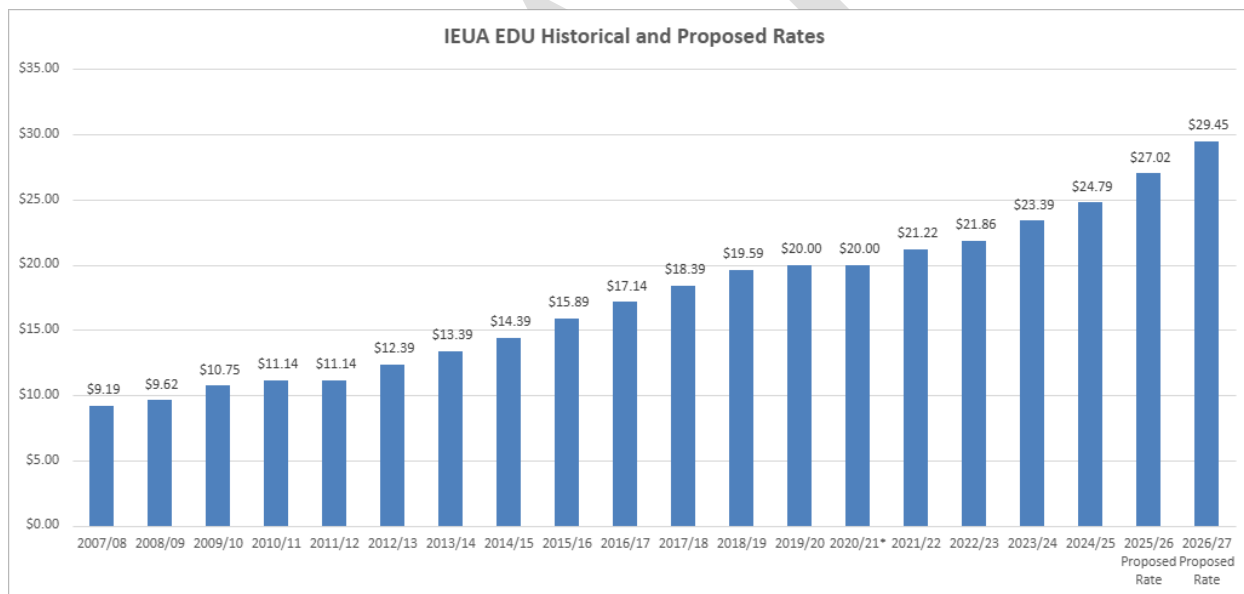
Wastewater Connection Fee

Wastewater connection fee is a one-time charge imposed on new or upsized meters or connections to compensate for the cost of providing system capacity. This source of revenue supports capacity expansion and improvement of the regional wastewater system to meet future growth, and it is recorded under the Regional Wastewater Capital Fund.

Monthly EDU Rate

Monthly EDU rate is a monthly charge imposed on all regional wastewater system connections. This service charge supports operational, maintenance and administrative costs related to the collection, treatment, and disposal of wastewater throughout IEUA’s service area and unincorporated areas that receive service. The monthly EDU rate also covers R&R cost of regional wastewater facilities and infrastructure, and debt service costs. It is recorded under the Regional Wastewater Operations Fund. Figure 1 shows a twenty-year trend of the historical and proposed monthly EDU rate.

**Figure 1:
Historical and Proposed Monthly EDU Rates**



*Due to the COVID-19 pandemic and in response to sewer collection agency requests, IEUA held the rate flat

Key Assumptions for the Cost of Service and Rate Study

Property Tax Assumptions

Property tax allocation for the Wastewater Capital Improvement Fund and Wastewater Operations Fund are shown in Table 2. In total, 88% of property tax received by IEUA is dedicated to wastewater programs.

**Table 2:
Proposed Property Tax Allocation for Wastewater Programs**

Fund	Allocation (%)		FY 2025/26 Projected Funding (\$M)	FY 2026/27 Projected Funding (\$M)
	Existing FY 2024/25	Proposed FY 2025/26 & FY 2026/27		
Wastewater Capital Improvement	65.0%	65.0%	\$60.1	\$62.1
Wastewater Operations	23.0%	23.0%	\$21.3	\$22.0

Capital Projects

Capital Projects for FY 2025/26 and FY 2026/27 are derived from the proposed preliminary IEUA TYCIP FY 2025/26 and the TYSCF for the Regional Wastewater Program.

Chino Basin Program (CBP) early planning and design efforts are not proposed to be funded by the FYs 2025/26 - 2026/27 rates. The funding sources for CBP are shown in Table 3.

**Table 3:
Proposed CBP Funding Sources**

Proposed Funding Source	Amount (\$M)
Water Resources Fund Property Tax Reserve - One Time Transfer	\$ 24.0
Wastewater Capital Property Tax Reserve	12.9
USBR Large Scale Water Recycling Program Grant	10.8
Total	\$ 47.7

In FY 2026/27, a \$89.25 million revenue bond is proposed to support R&R projects. The projects that will be funded from this revenue bond are shown on Table 4.

Table 4:
Capital Projects Included in the Proposed \$89.25 million Revenue Bond in FY 2026/27

Project Number	Project Names	Budget
EN24032	RP-1 Primary Clarifier #1 Through #10 Rehabilitation	\$ 14,750,000
EN20057	RP-4 Process Improvements Phase II	\$ 14,000,000
EN18025	RP-1 Secondary System Rehabilitation	\$ 11,000,000
EN22031	RP-1 Intermediate Pump Sta. Electrical	\$ 9,800,000
EN13016	SCADA Enterprise System	\$ 8,600,000
EN23036	San Bernardino Ave LS Reliability Improvements	\$ 6,250,000
EN25045	CCWRF Electrical Improvements	\$ 6,200,000
EN23004	CCWRF Aeration Basins 1-6 Drain Valves	\$ 4,750,000
EN26004	Agency Wide VFD Upgrades WW FY2526	\$ 4,000,000
EN26046	RP1 Headworks Influent Channel	\$ 4,000,000
EN25002	SSI Aeration Disk Replace RP1 RP4 RP5	\$ 3,900,000
EN25010	RSS - Collection System Pipe Rehabilitation	\$ 2,000,000
	Total	\$ 89,250,000

Staffing:

There is an additional 28 staff proposed to support Agencywide priorities including increasing number of capital improvement projects, startup operations of the RP-5 Expansion Project, maturing IEUA's cybersecurity framework, planning and forecasting long-term regional water and wastewater needs, participating in environmental regulation rulemaking process, improving Agencywide safety and emergency response capabilities, ensuring long-term financial health of IEUA, providing appropriate level of support staff, and investing in workforce development and business continuity. These are positions across IEUA and are funded by various rates and fees, not solely the EDU rate. A summary of the proposed positions is shown in Table 5.

Table 5:
Proposed Additional Staffing for FY 2025/26 and FY 2026/27

FY	Technical Services			Administration		Agency Management Division		Total
	O&M	ENGR	Planning & Resources	Finance	IT	Board & Administrative Services	HR	
2025/26	4	3	1	2	2	2	1	15
2026/27	4	3	2	1	1	2	0	13
Total		17		6		5		28

O&M is Operations and Maintenance; ENGR is Engineering; IT is Information Technology; HR is Human Resources

Conclusion

The proposed rates for FYs 2025/26 and 2026/27 Regional Wastewater programs are in alignment with IEUA's Strategic Plan, which prioritizes Fiscal Responsibility, Water Supply Reliability, Public and Environmental Health, and a commitment to fostering a Culture of Excellence. The biennial budget for the Regional Wastewater programs has been developed to reflect IEUA's strategic goals, focusing on the prudent management of financial resources and ensuring the reliability and sustainability of wastewater services. These rates address inflation-driven increases in operating expenses, while supporting regional growth amongst the Sewage Collection Agencies, responsible asset management, and regulatory compliance.

DRAFT



Approve the Proposed Fiscal Years 2025/26 and 2026/27 Rates and Fees for the Regional Wastewater Program

Randy Lee
Director of Finance
March 2025

01

**Revenue
Overview**

02

**Rates & Fees
Overview**

03

**Cost of Service &
Proposed Rates**

04

Recommendation

Next Steps

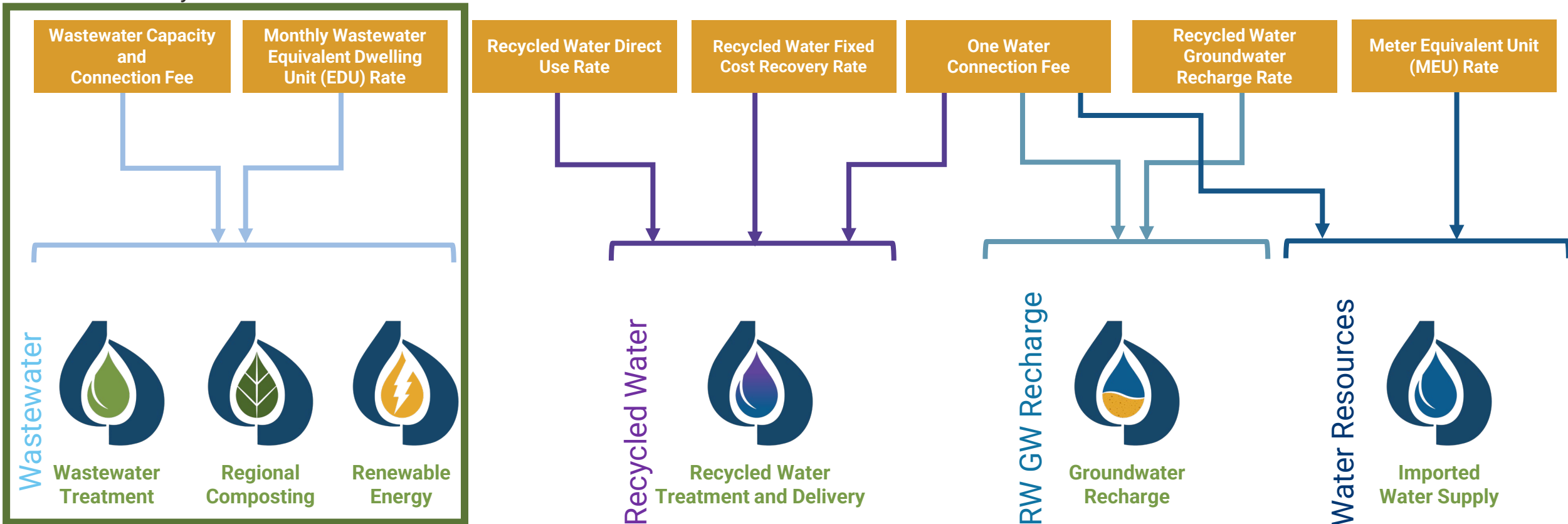
Date	Meeting with Customer Agencies
July 2024	Rates Overview Workshops (Multiple)
Wednesday, October 2	Finance Directors Meeting
Monday, January 13, 2025	Finance Directors Meeting
Thursday, January 30	Regional Technical Committee
Wednesday, February 5	General Managers
Thursday, February 6	Regional Policy Committee
Monday, February 10	Rates Overview Workshop
Thursday, February 27	Regional Technical Committee, Information Item
Wednesday, March 5	IEUA Board Workshop, Information Item
Thursday, March 6	Regional Policy Committee, Information Item
Wednesday, March 12	Rates Overview Workshop
Thursday, March 27	Regional Technical Committee, Action Item
Wednesday, April 2	IEUA Board Workshop, Information Item
Thursday, April 3	Regional Policy Committee, Action Item
Wednesday, April 16	IEUA Board Meeting, Action Item



01 REVENUE OVERVIEW

Seven distinct rates and fees fund IEUA's four core service areas

Rates and fees fund IEUA's core services. They finance the day-to-day operations, maintenance of systems and investments in future water security.



Wastewater Capacity and Connection Fee

What is it?

The Wastewater Capacity and Connection Fee is a fee on new or expanded connections to the regional wastewater collection, treatment and discharge system.

What does it support?

This fee allows development to purchase capacity within the existing regional wastewater system and fund regional projects to meet forecasted growth and changing demands.

It does not cover operation and maintenance of the regional wastewater collection, treatment and discharge system.

How is it Calculated?

Recovery of capital costs related to IEUA's existing wastewater capacity.
+
Recovery of capital costs for building new capacity for forecasted growth
=
Wastewater Capacity and Connection Fee

Monthly Wastewater Equivalent Dwelling Unit (EDU) Rate

What is it?

The Monthly Wastewater Equivalent Dwelling Unit (EDU) Rate is a charge on all connections to the regional wastewater system. This charge is in addition to local sewage rates charged for wastewater collection by retail service providers.

What does it support?

IEUA has a regulatory obligation to maintain the wastewater system for public health and the protection of the environment.

This rate covers the costs to operate and maintain the regional wastewater collection, treatment, and discharge system.

What is an EDU?

IEUA uses an equivalent dwelling unit, or EDU, to assess wastewater demands and distribute costs.

An EDU is defined as the measurement of wastewater flow equivalent in quantity and strength to the daily discharge of an average family residential household. One EDU represents one residential household.

02

RATES & FEES OVERVIEW

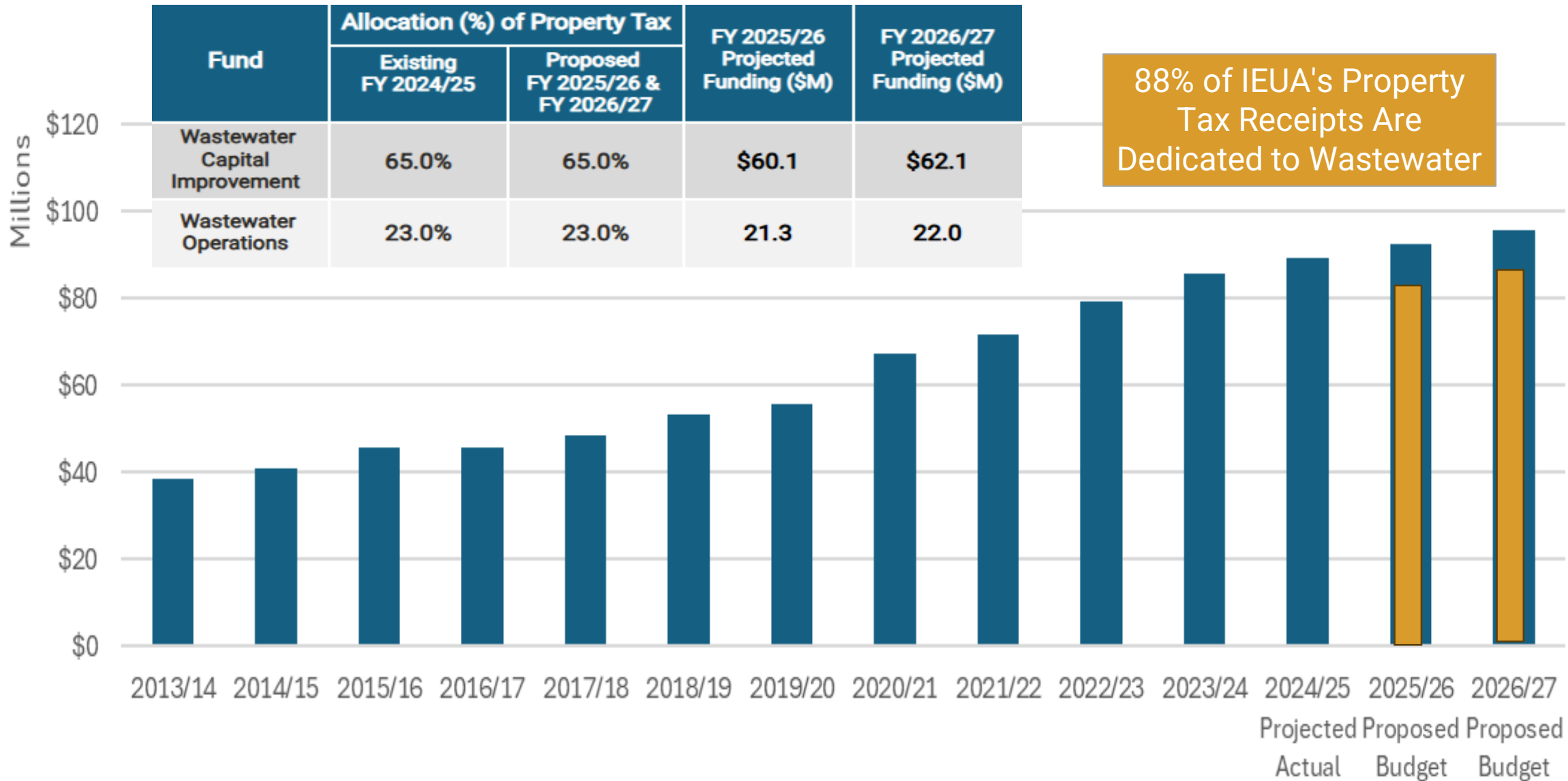
IEUA PROPOSED TWO-YEAR RATE OVERVIEW



Adopted Rates Effective July 1	Wastewater Operations		Wastewater Capital	
	Monthly Sewer (EDU)	% Change	Wastewater Connection Fee (EDU)	% Change
Existing FY 2024/25	\$24.79	-	\$8,620	-
Proposed FY 2025/26	\$27.02	9.0%	\$8,620	0.0%
Proposed FY 2026/27	\$29.45	9.0%	\$8,620	0.0%

All rates are rounded to the nearest penny.

HISTORICAL PROPERTY TAX TREND



CHINO BASIN PROGRAM FUNDING – FY 2025/26 and FY 2026/27

- Continuing Planning and Implement Early Design Phase for the Three Components of CBP:



Advanced Water Purification Facility



Regional Recycled Groundwater Replenishment



Production and Conveyance Facilities associated with Prop 1 - Water Storage Investment Program (WSIP)



- Recommended Funding**

CBP not proposed to be funded by Rates and Charges in FY 2025/26 and FY 2026/27:

Proposed Funding Source	Amount (\$ M)
Water Resources Fund Property Tax Reserve - One Time Transfer	\$24.0
Wastewater Capital Property Tax Reserve	\$12.9
USBR Large Scale Water Recycling Program Grant	\$10.8
Total =	\$47.7

CBP Long-term Funding and Cost Allocation Addressed Through Five-Year Rate Study

03 COST OF SERVICE & PROPOSED RATES WASTEWATER UTILITY

WASTEWATER OPERATIONS FINANCIAL PLAN



Wastewater Operations (\$000s)	Actuals	Projected	
	Fiscal Year 2024/25	Fiscal Year 2025/26	Fiscal Year 2026/27
Revenues			
User Charges	89,577.8	90,055.6	90,505.8
Additional User Charges	0.0	8,105.0	17,024.1
Other Operating Revenue	6,279.7	7,225.9	7,576.5
Property Tax	18,876.8	21,262.2	21,989.1
Revenue Bonds	0.0	0.0	89,250.0
Other Financing Revenues	80.0	80.0	80.0
Total Revenues	\$114,814.3	\$126,728.7	\$226,425.5
Revenue Requirements			
O&M	101,498.0	108,210.7	116,907.7
Capital Projects	26,855.8	24,885.0	30,915.0
Debt Service	1,421.6	1,421.9	1,421.8
Transfers	(884.4)	(3,771.6)	5,387.5
Total Revenue Requirements	\$128,891.0	\$130,746.0	\$154,632.0
Fund Balance			
Annual Cash Balance	(14,076.7)	(4,017.3)	71,793.5
Beginning Fund Balance	100,371.0	86,294.3	82,277.0
Ending Fund Balance	\$86,294.3	\$82,277.0	\$154,070.5
EDU Rate (\$/EDU)	\$24.79	\$27.02	\$29.45
Increase %		9.0%	9.0%

- Proposed EDU rate increases are:
 - FY 2025/26 - 9.0%
 - FY 2026/27 - 9.0%
- Primary sources of funding are user charges, property taxes and debt financing proceeds.
- Receives 23% of total property tax revenues.
- Transfers represent transfer to other funds to pay for shared capital projects.
- The Ending Fund Balance to meet reserve requirements:
 - Operating Contingency
 - Rehabilitation/Replacement
 - Debt Service
 - Sinking Fund
- Major Cost Drivers include:
 - Employment Expenses
 - Utilities
 - Chemicals

WASTEWATER OPERATIONS COST DRIVERS

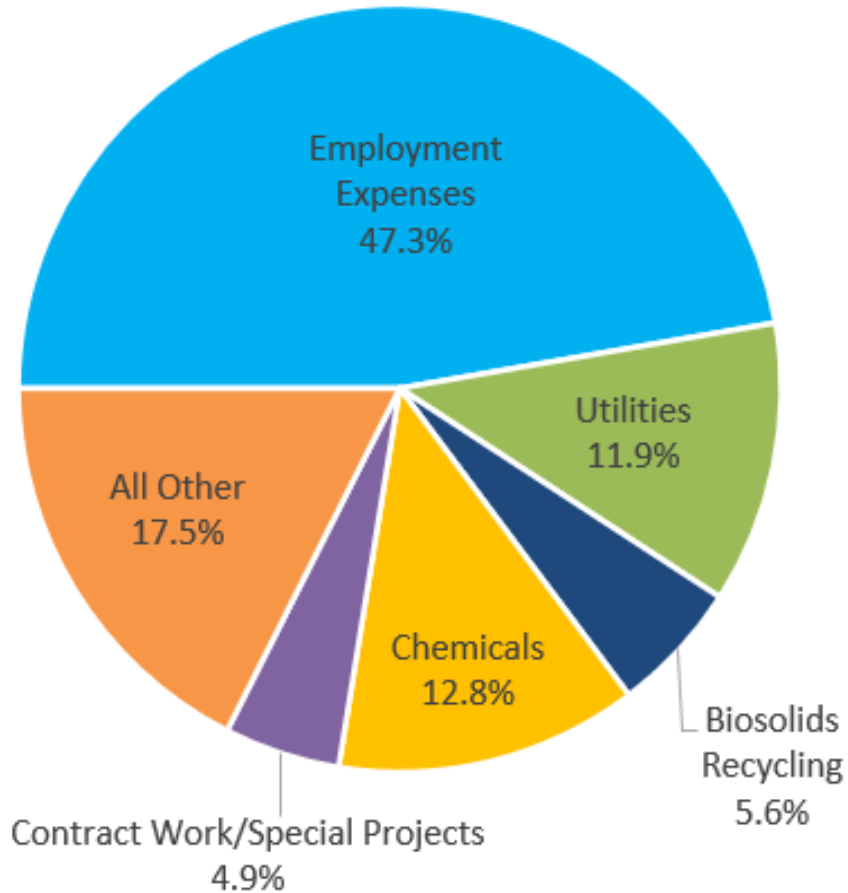


Capital Projects Included in Proposed \$89.25 M Revenue Bond in FY 2026/27

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Total		\$89,250,000

WASTEWATER OPERATIONS COST DRIVERS

Two-Year Cost Distribution



	Actuals	Projected			
	Fiscal Year 2024/25 (\$000s)	Fiscal Year 2025/26 (\$000s)	% Change	Fiscal Year 2026/27 (\$000s)	% Change
Employment Expenses	46,055.3	50,735.9	10.2%	55,680.3	9.7%
Contract Work/Special Projects	7,374.4	5,989.5	-18.8%	5,078.7	-15.2%
Utilities	11,837.2	12,357.1	4.4%	14,393.8	16.5%
Chemicals	12,293.6	13,995.5	13.8%	14,877.5	6.3%
Biosolids Recycling	5,811.1	6,034.7	3.8%	6,538.9	8.4%
All Other	18,126.4	19,098.0	5.4%	20,338.5	6.5%
Total O&M	\$101,498.0	\$108,210.7	6.6%	\$116,907.7	8.0%

- Employment Expenses
 - Driven by new FTEs for treatment operations support and labor cost escalations per approved MOUs and Personnel Manuals
- Utilities
 - New Membrane Bioreactor (MBR) process costs and electric utility cost escalations
- Chemicals
 - Driven by MBR process coming on-line and cost escalations
- All Other
 - Includes Operating Fees and Professional Fees/Services, Materials & Supplies, and administrative cost allocations

WASTEWATER CAPITAL FINANCIAL PLAN



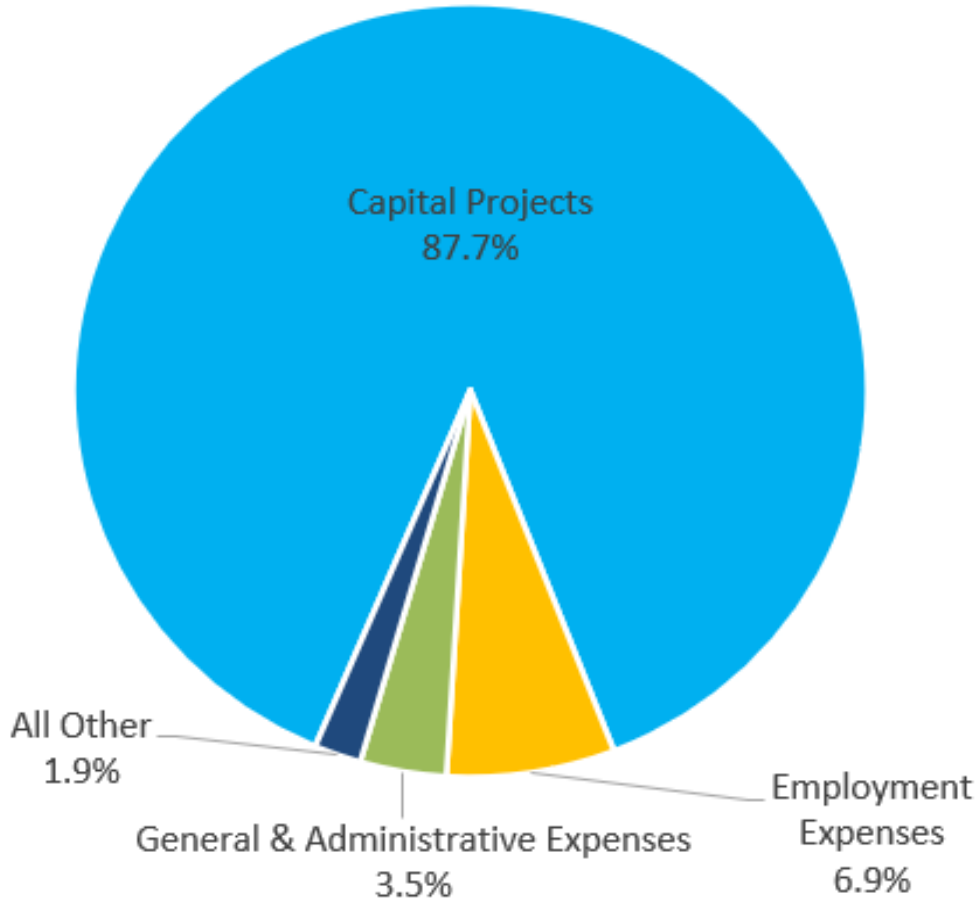
Wastewater Capital (\$000s)	Actuals	Projected	
	Fiscal Year 2024/25	Fiscal Year 2025/26	Fiscal Year 2026/27
Revenues			
Other Operating Revenue	3,144.5	2,500.0	2,000.0
Property Tax	53,347.6	60,088.9	62,143.0
Connection Fees (1)	25,859.5	28,411.3	28,349.1
Revenue Bonds	47,763.7	264,952.3	31,724.1
Other Financing Revenues	18,951.8	22,134.5	1.0
Total Revenues	\$123,207.6	\$349,675.7	\$95,868.1
Revenue Requirements			
O&M	9,096.1	10,934.4	11,927.1
Capital Projects	91,118.7	84,375.0	78,964.0
Debt Service	7,942.2	207,203.9	17,166.8
Transfers	13,772.1	22,719.2	10,620.5
Total Revenue Requirements	\$121,929.1	\$325,232.5	\$118,678.4
Fund Balance			
Annual Cash Balance	1,278.5	24,443.2	(22,810.3)
Beginning Fund Balance	134,086.6	135,365.1	159,808.3
Ending Fund Balance	\$135,365.1	\$159,808.3	\$136,998.0
Connection Fee (\$/EDU)	\$8,620	\$8,620	\$8,620
Increase %		0%	0%

- Proposed Wastewater Connection Fee:
 - FY 2025/26 - Unchanged \$8,620
 - FY 2026/27 - Unchanged \$8,620
- Primary sources of funds are property taxes, connections fees and debt financing proceeds.
- Receives 65% of total property tax revenues.
- Transfers represent transfers to other funds to pay for shared capital projects.
- The Ending Fund Balance to meet reserve requirements:
 - Operating Reserve
 - Capital Construction
 - Debt Service
- Major cost increases driven by:
 - Employment Expenses
 - Other Expenses

(1) Retail agencies collect and retain Wastewater Connection Fees until IEUA calls the funds. Shown as a revenue source, but not as available on-hand until called.

WASTEWATER CAPITAL FUND SUPPORT

Two-Year Cost Distribution



	Actuals	Projected			
	Fiscal Year 2024/25 (\$000s)	Fiscal Year 2025/26 (\$000s)	% Change	Fiscal Year 2026/27 (\$000s)	% Change
Capital Projects	91,118.7	84,375.0	-7.4%	78,964.0	-6.4%
Employment Expenses	5,185.8	6,084.4	17.3%	6,676.2	9.7%
General & Administrative Expense	2,665.6	3,114.4	16.8%	3,423.6	9.9%
All Other	1,244.7	1,735.6	39.4%	1,827.3	5.3%
Total O&M	\$9,096.1	\$10,934.4	20.2%	\$11,927.1	9.1%

- Employment Expenses
 - Driven by additional FTEs and labor cost escalations per approved MOUs and Personnel Manuals
- General & Administrative Expenses
 - Reflects Fund's proportionate share of General & Administrative expense allocations and cost increases
- All Other Expenses
 - Reflects increase in Contract Work/Special Projects
 - Also includes Operating Fees and Professional Fees/Services

IEUA COMBINED UTILITY FINANCIAL METRICS



Metric	Existing	Proposed Rates and Charges	
	FY 2024/25	FY 2025/26	FY 2026/27
Days of Cash on Hand	695	636	683
Debt Service Coverage Ratio	3.83	3.93	3.24

- ✓ Required Debt Service Coverage Ratio of 2.0
- ✓ Required to Maintain 365 Days of Cash on Hand

Cash Liquidity Levels and Debt Service Coverage Ratios Maintain Moody's Aa2 Credit Rating and IEUA's Strong Credit Quality

[IEUA Reserve Policy](#)
[Moody's IEUA Rating](#)

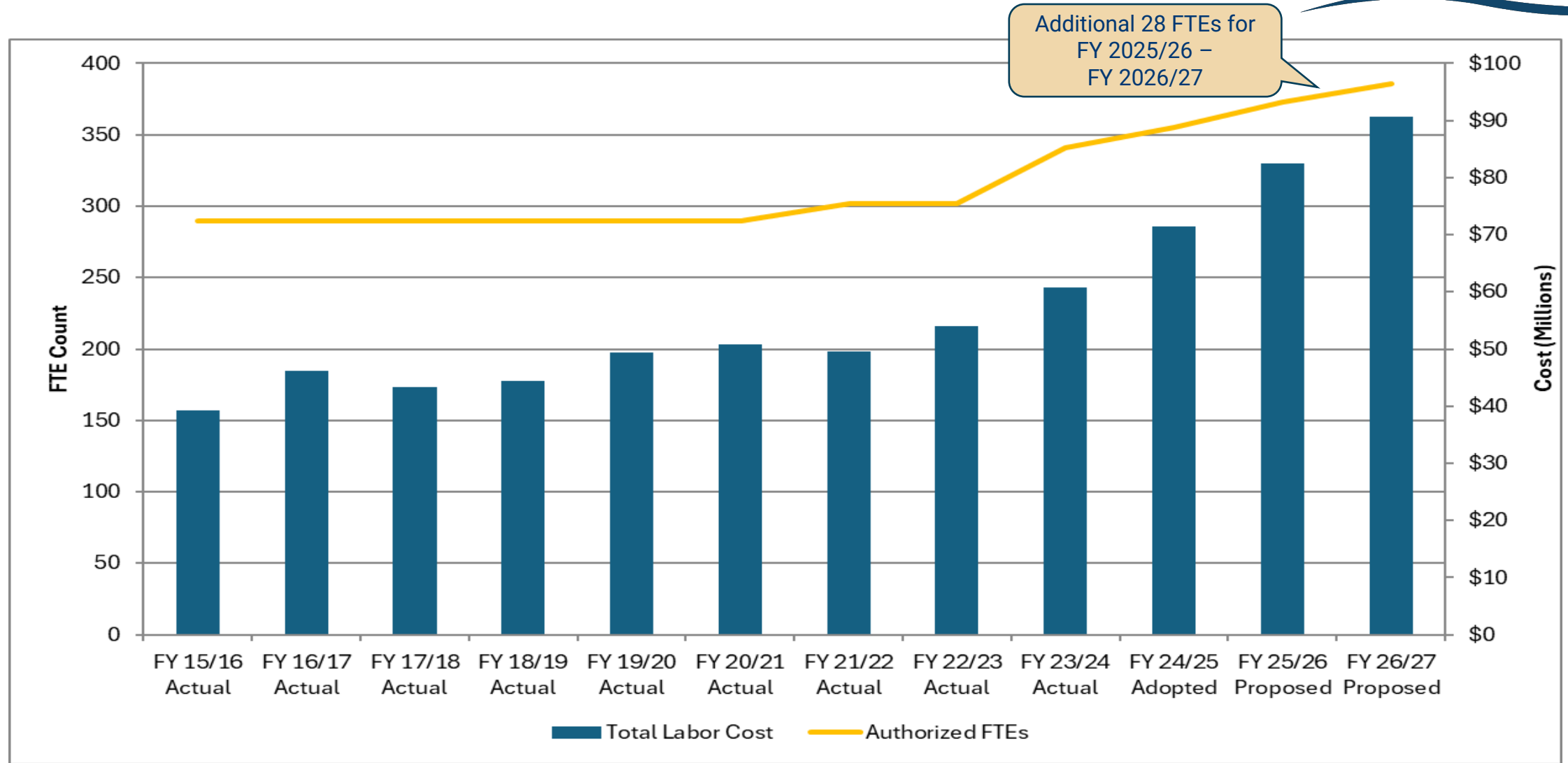
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Total	17			6		5		28

- ✓ Wastewater Treatment Facility Expansion Startup (RP-5 Expansion)
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HISTORICAL STAFFING & LABOR TRENDS



[MOUs, Personnel Manuals, and Salary Schedule](#)

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Agencies	Number of Sewer Districts or Types of Connections	Wastewater Connection Fees	Effective Date
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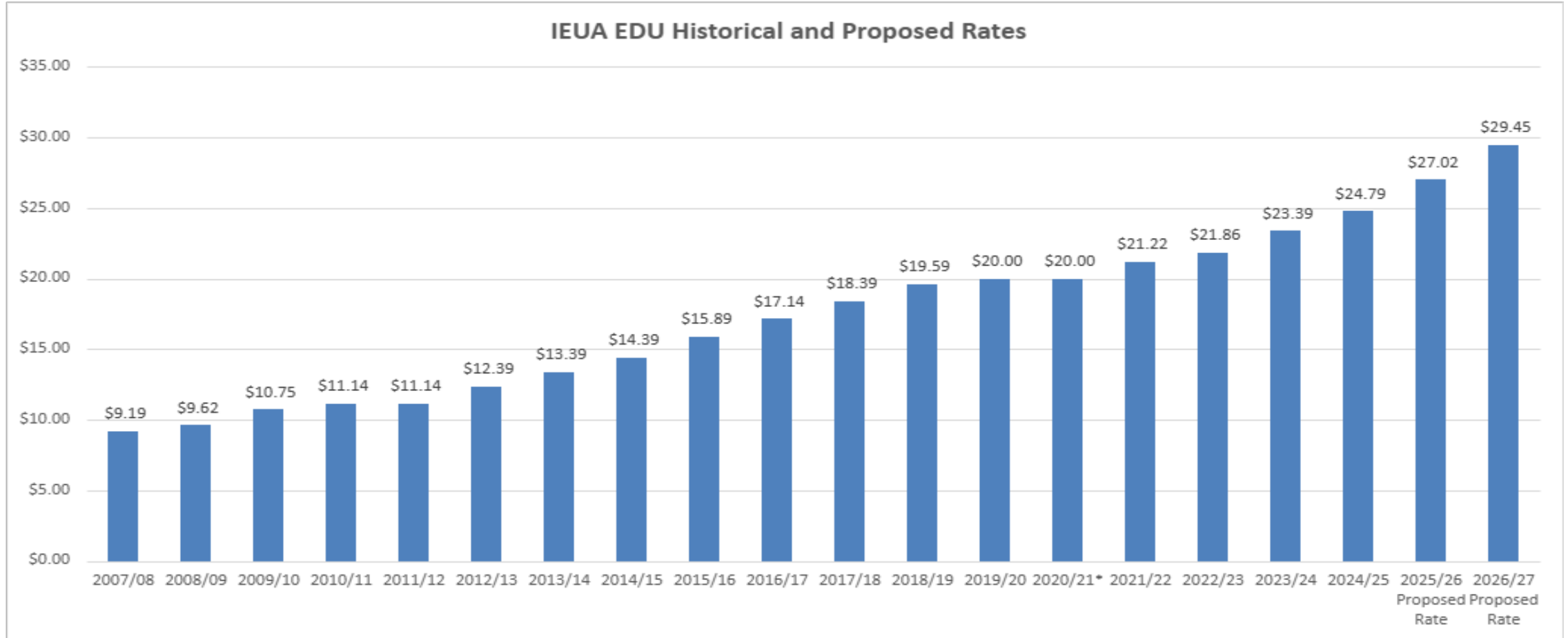
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HISTORICAL MONTHLY EDU RATE

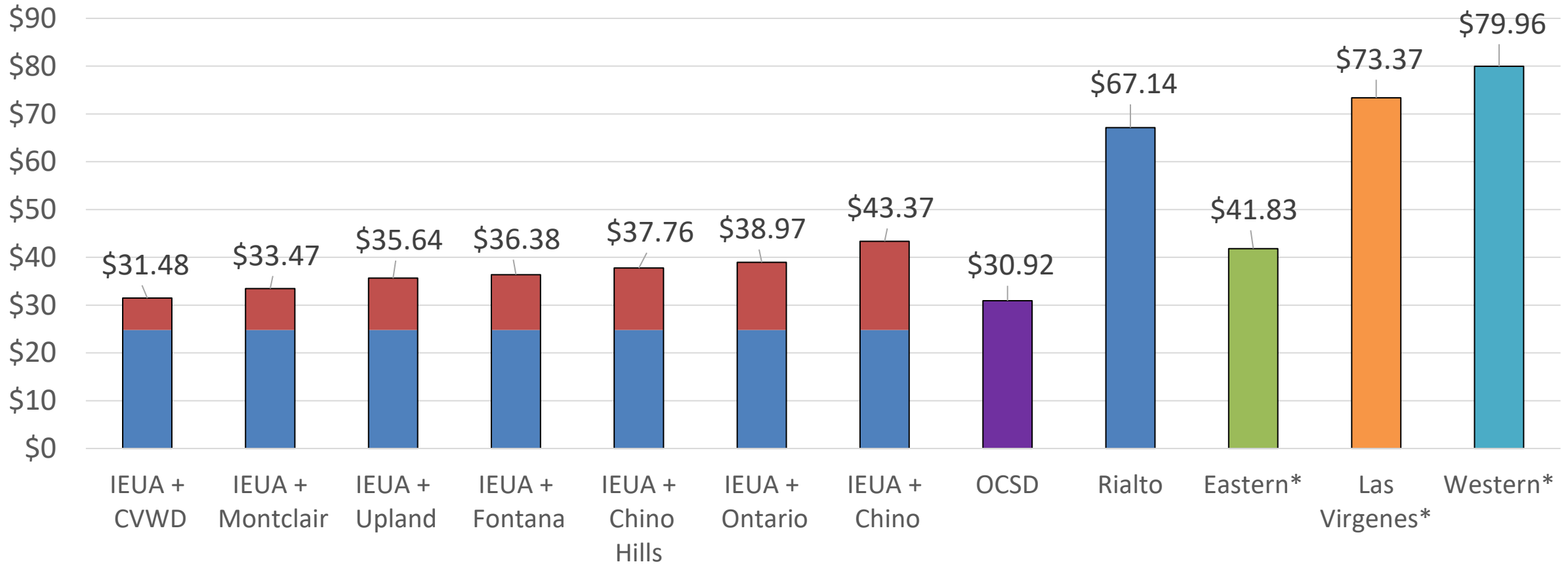


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EDU RATES - AGENCY COMPARISONS



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 FY 2025/26 Proposed IEUA Rate \$27.02/month



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04 Recommendation

Staff's Recommendation

- Staff recommends that the Regional Technical and Policy Committees review and make a recommendation to the IEUA Board of Directors to approve the proposed Fiscal Years 2025/26 and 2026/27 Rates and Fees for the Regional Wastewater Program, effective July 1, 2025.

**INFORMATION
ITEM**

3A



Date: March 27, 2025 and April 3, 2025

To: Regional Sewerage Technical and Policy Committees

From: Inland Empire Utilities Agency

Subject: Semi-Annual Grants Update: July 1 – December 31, 2024

RECOMMENDATION

This item is provided to the Regional Committees as an informational item.

BACKGROUND

Since the year 2000, IEUA has secured various sources of funding for its wastewater treatment projects, including federal and state loans and grants. The total amount of funding awarded to IEUA for wastewater treatment projects is \$487M, which consists of \$316.4M from the U.S. Environmental Protection Agency (EPA) Water Infrastructure Financing and Innovation Act (WIFIA) program, \$152.3M from the California State Water Resources Control Board (SCWRB) Clean Water State Revolving Fund Program (CWSRF) program, and \$18.3M from California state grants.

Open/Active Wastewater Grants and Low-Interest Loans

IEUA is currently managing the Regional Water Recycling Plant 5 (RP-5) Expansion Project, which is a major upgrade of RP-5 that will increase its capacity and efficiency.

The project is funded by the following mechanisms:

1. EPA WIFIA Loan #1: \$196,436,445
2. EPA WIFIA Loan #2: \$24,500,000
3. SWRCB CWSRF Loan: \$101,530,000
4. CA State Treasurer's Office (CAEATFA): Sales Tax Exclusion on applicable equipment.

Additionally, the EPA WIFIA Loan #2 includes loan funding for two additional wastewater projects:

1. Carbon Canyon Water Recycling Facility Improvements: Loan amount \$16,170,000
2. RP-1 Solids Thickening: Loan amount \$79,233,000


Pending Wastewater Applications

- **United States Bureau of Reclamation (USBR) Water and Energy Efficiency Grant.** The grants team submitted an application to the USBR for Recycled Water Supervisory Control and Data Acquisition (SCADA) Improvement Project. The grant application was submitted in November 2024 and if awarded, this project will positively impact wastewater monitoring services. The total project cost is \$5,196,202 and the application requested \$2,745,276 in federal funds.

Potential Wastewater Funding Opportunities

IEUA is exploring and monitoring a variety of funding options to capitalize on any funding opportunities for its wastewater projects, including the following:

- **Inflation Reduction Act (IRA).** The grants team is working closely with engineering, finance, our financial advisors, and our bond counsel on an opportunity to capitalize on funds from the Inflation Reduction Act for energy savings that will occur with the RP-5 Expansion Project. Public agencies can benefit from the “direct pay” provision, which allows them to receive a payment equivalent to the tax credit, even though they don’t pay federal taxes. We continue to monitor the federal funding climate to determine potential impacts to the IRA program.
- **California Proposition 4.** The climate bond may provide future funding opportunities for projects that address climate change impacts and resilience. IEUA is monitoring the opportunities that may become available through SWRCB Water Recycling Funding Program (WRFP).
- **EPA WIFIA.** IEUA is exploring entering into a master agreement for the Agency’s Ten-Year Capital Improvement Program, which will allow for funding flexibility for future projects.



**Approve the Proposed
Fiscal Years 2025/26 and
2026/27 Rates and Fees
for the Regional
Wastewater Program**

Randy Lee
Director of Finance
March 2025

01

**Revenue
Overview**

02

**Rates & Fees
Overview**

03

**Cost of Service &
Proposed Rates**

04

Recommendation

Next Steps

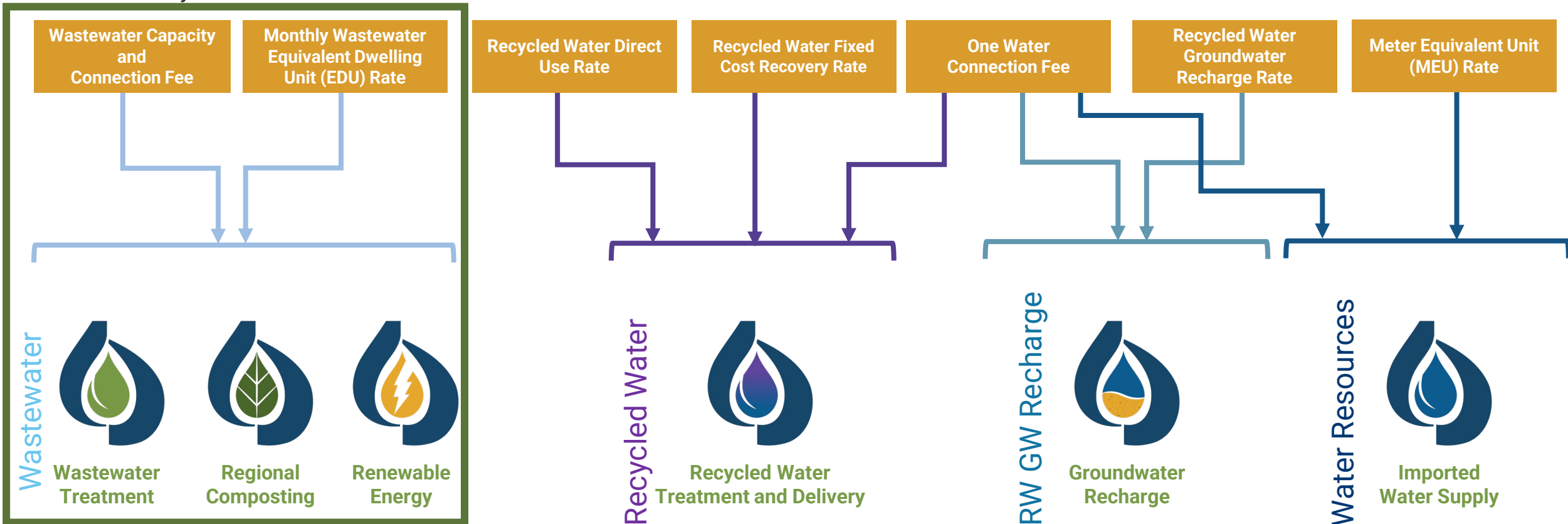
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01 REVENUE OVERVIEW

Seven distinct rates and fees fund IEUA's four core service areas

Rates and fees fund IEUA's core services. They finance the day-to-day operations, maintenance of systems and investments in future water security.



Wastewater Capacity and Connection Fee

What is it?

The Wastewater Capacity and Connection Fee is a fee on new or expanded connections to the regional wastewater collection, treatment and discharge system.

What does it support?

This fee allows development to purchase capacity within the existing regional wastewater system and fund regional projects to meet forecasted growth and changing demands.

It does not cover operation and maintenance of the regional wastewater collection, treatment and discharge system.

How is it Calculated?

Recovery of capital costs related to IEUA's existing wastewater capacity.

+

Recovery of capital costs for building new capacity for forecasted growth

=

Wastewater Capacity and Connection Fee

Monthly Wastewater Equivalent Dwelling Unit (EDU) Rate

What is it?

The Monthly Wastewater Equivalent Dwelling Unit (EDU) Rate is a charge on all connections to the regional wastewater system. This charge is in addition to local sewage rates charged for wastewater collection by retail service providers.

What does it support?

IEUA has a regulatory obligation to maintain the wastewater system for public health and the protection of the environment.

This rate covers the costs to operate and maintain the regional wastewater collection, treatment, and discharge system.

What is an EDU?

IEUA uses an equivalent dwelling unit, or EDU, to assess wastewater demands and distribute costs.

An EDU is defined as the measurement of wastewater flow equivalent in quantity and strength to the daily discharge of an average family residential household. One EDU represents one residential household.

02 RATES & FEES OVERVIEW

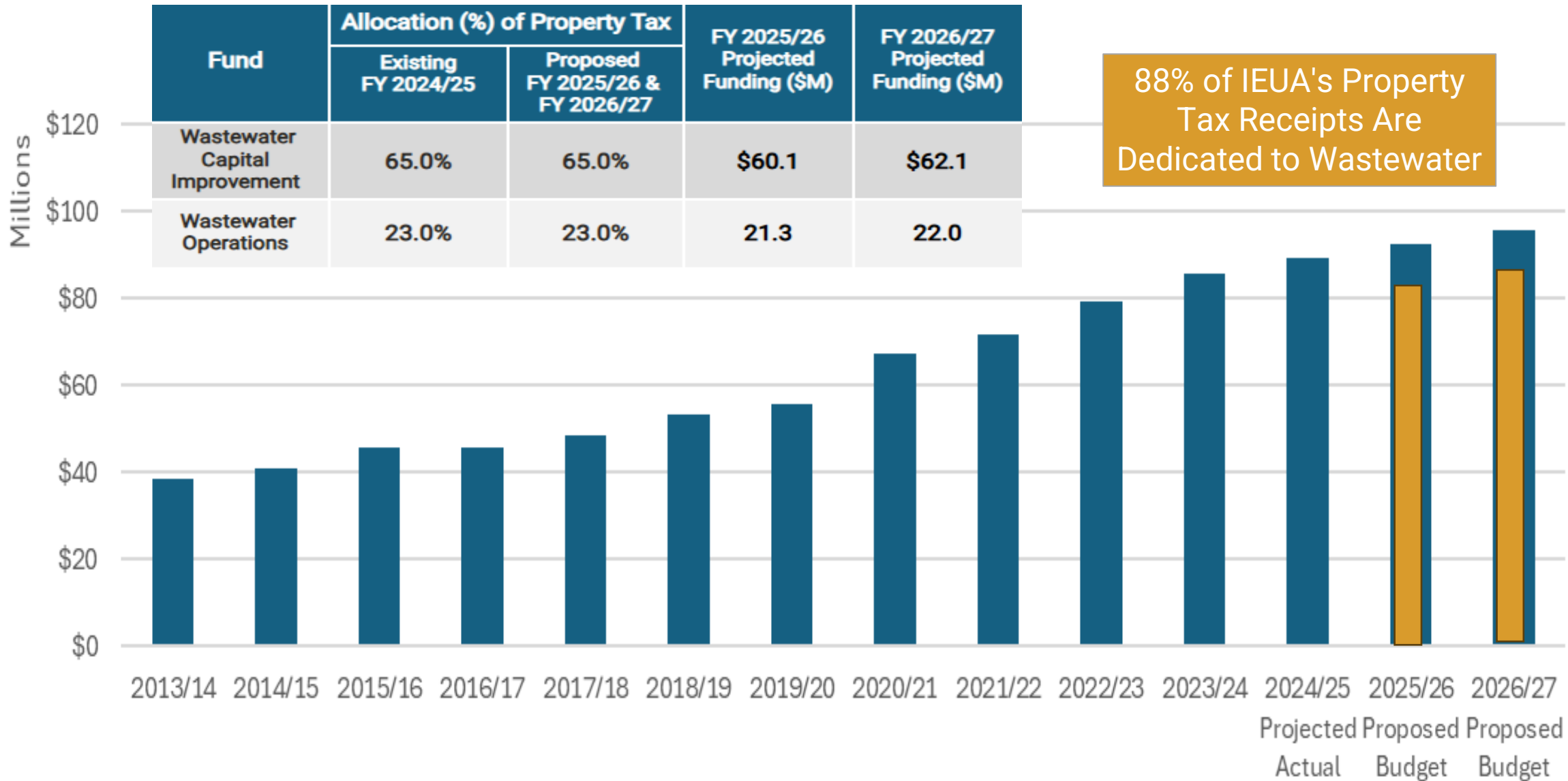
IEUA PROPOSED TWO-YEAR RATE OVERVIEW



Adopted Rates Effective July 1	Wastewater Operations		Wastewater Capital	
	Monthly Sewer (EDU)	% Change	Wastewater Connection Fee (EDU)	% Change
Existing FY 2024/25	\$24.79	-	\$8,620	-
Proposed FY 2025/26	\$27.02	9.0%	\$8,620	0.0%
Proposed FY 2026/27	\$29.45	9.0%	\$8,620	0.0%

All rates are rounded to the nearest penny.

HISTORICAL PROPERTY TAX TREND



CHINO BASIN PROGRAM FUNDING – FY 2025/26 and FY 2026/27

- Continuing Planning and Implement Early Design Phase for the Three Components of CBP:



Advanced Water Purification Facility



Regional Recycled Groundwater Replenishment



Production and Conveyance Facilities associated with Prop 1 - Water Storage Investment Program (WSIP)



- Recommended Funding**

CBP not proposed to be funded by Rates and Charges in FY 2025/26 and FY 2026/27:

Proposed Funding Source	Amount (\$ M)
Water Resources Fund Property Tax Reserve - One Time Transfer	\$24.0
Wastewater Capital Property Tax Reserve	\$12.9
USBR Large Scale Water Recycling Program Grant	\$10.8
Total =	\$47.7

CBP Long-term Funding and Cost Allocation Addressed Through Five-Year Rate Study

03 COST OF SERVICE & PROPOSED RATES WASTEWATER UTILITY

WASTEWATER OPERATIONS FINANCIAL PLAN



Wastewater Operations (\$000s)	Actuals	Projected	
	Fiscal Year 2024/25	Fiscal Year 2025/26	Fiscal Year 2026/27
Revenues			
User Charges	89,577.8	90,055.6	90,505.8
Additional User Charges	0.0	8,105.0	17,024.1
Other Operating Revenue	6,279.7	7,225.9	7,576.5
Property Tax	18,876.8	21,262.2	21,989.1
Revenue Bonds	0.0	0.0	89,250.0
Other Financing Revenues	80.0	80.0	80.0
Total Revenues	\$114,814.3	\$126,728.7	\$226,425.5
Revenue Requirements			
O&M	101,498.0	108,210.7	116,907.7
Capital Projects	26,855.8	24,885.0	30,915.0
Debt Service	1,421.6	1,421.9	1,421.8
Transfers	(884.4)	(3,771.6)	5,387.5
Total Revenue Requirements	\$128,891.0	\$130,746.0	\$154,632.0
Fund Balance			
Annual Cash Balance	(14,076.7)	(4,017.3)	71,793.5
Beginning Fund Balance	100,371.0	86,294.3	82,277.0
Ending Fund Balance	\$86,294.3	\$82,277.0	\$154,070.5
EDU Rate (\$/EDU)	\$24.79	\$27.02	\$29.45
Increase %		9.0%	9.0%

- Proposed EDU rate increases are:
 - FY 2025/26 - 9.0%
 - FY 2026/27 - 9.0%
- Primary sources of funding are user charges, property taxes and debt financing proceeds.
- Receives 23% of total property tax revenues.
- Transfers represent transfer to other funds to pay for shared capital projects.
- The Ending Fund Balance to meet reserve requirements:
 - Operating Contingency
 - Rehabilitation/Replacement
 - Debt Service
 - Sinking Fund
- Major Cost Drivers include:
 - Employment Expenses
 - Utilities
 - Chemicals

WASTEWATER OPERATIONS COST DRIVERS

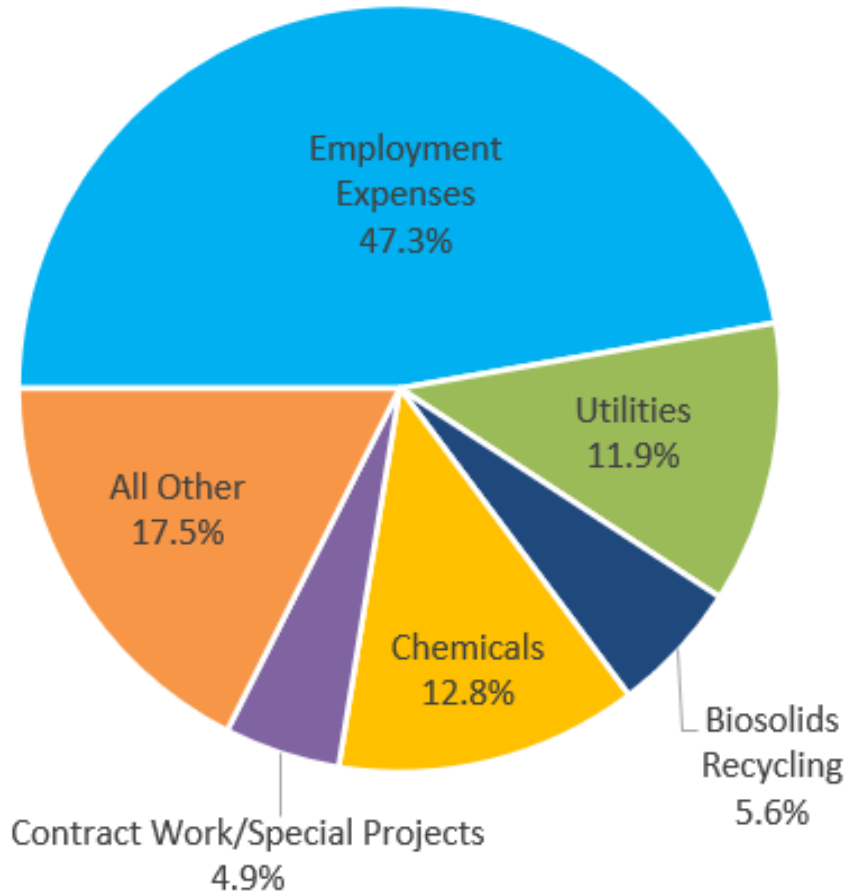


Capital Projects Included in Proposed \$89.25 M Revenue Bond in FY 2026/27

Project Number	Project Names	Budget
EN24032	RP-1 Primary Clarifier #1 Through #10 Rehabilitation	\$14,750,000
EN20057	RP-4 Process Improvements Phase II	\$14,000,000
EN18025	RP-1 Secondary System Rehabilitation	\$11,000,000
EN22031	RP-1 Intermediate Pump Sta. Electrical	\$9,800,000
EN13016	SCADA Enterprise System	\$8,600,000
EN23036	San Bernardino Ave LS Reliability Improvements	\$6,250,000
EN25045	CCWRF Electrical Improvements	\$6,200,000
EN23004	CCWRF Aeration Basins 1-6 Drain Valves	\$4,750,000
EN26004	Agency Wide VFD Upgrades WW FY2526	\$4,000,000
EN26046	RP1 Headworks Influent Channel	\$4,000,000
EN25002	SSI Aeration Disk Replace RP1_RP4_RP5	\$3,900,000
EN25010	RSS - Collection System Pipe Rehabilitation	\$2,000,000
Total		\$89,250,000

WASTEWATER OPERATIONS COST DRIVERS

Two-Year Cost Distribution



	Actuals	Projected			
	Fiscal Year 2024/25 (\$000s)	Fiscal Year 2025/26 (\$000s)	% Change	Fiscal Year 2026/27 (\$000s)	% Change
Employment Expenses	46,055.3	50,735.9	10.2%	55,680.3	9.7%
Contract Work/Special Projects	7,374.4	5,989.5	-18.8%	5,078.7	-15.2%
Utilities	11,837.2	12,357.1	4.4%	14,393.8	16.5%
Chemicals	12,293.6	13,995.5	13.8%	14,877.5	6.3%
Biosolids Recycling	5,811.1	6,034.7	3.8%	6,538.9	8.4%
All Other	18,126.4	19,098.0	5.4%	20,338.5	6.5%
Total O&M	\$101,498.0	\$108,210.7	6.6%	\$116,907.7	8.0%

- Employment Expenses
 - Driven by new FTEs for treatment operations support and labor cost escalations per approved MOUs and Personnel Manuals
- Utilities
 - New Membrane Bioreactor (MBR) process costs and electric utility cost escalations
- Chemicals
 - Driven by MBR process coming on-line and cost escalations
- All Other
 - Includes Operating Fees and Professional Fees/Services, Materials & Supplies, and administrative cost allocations

WASTEWATER CAPITAL FINANCIAL PLAN



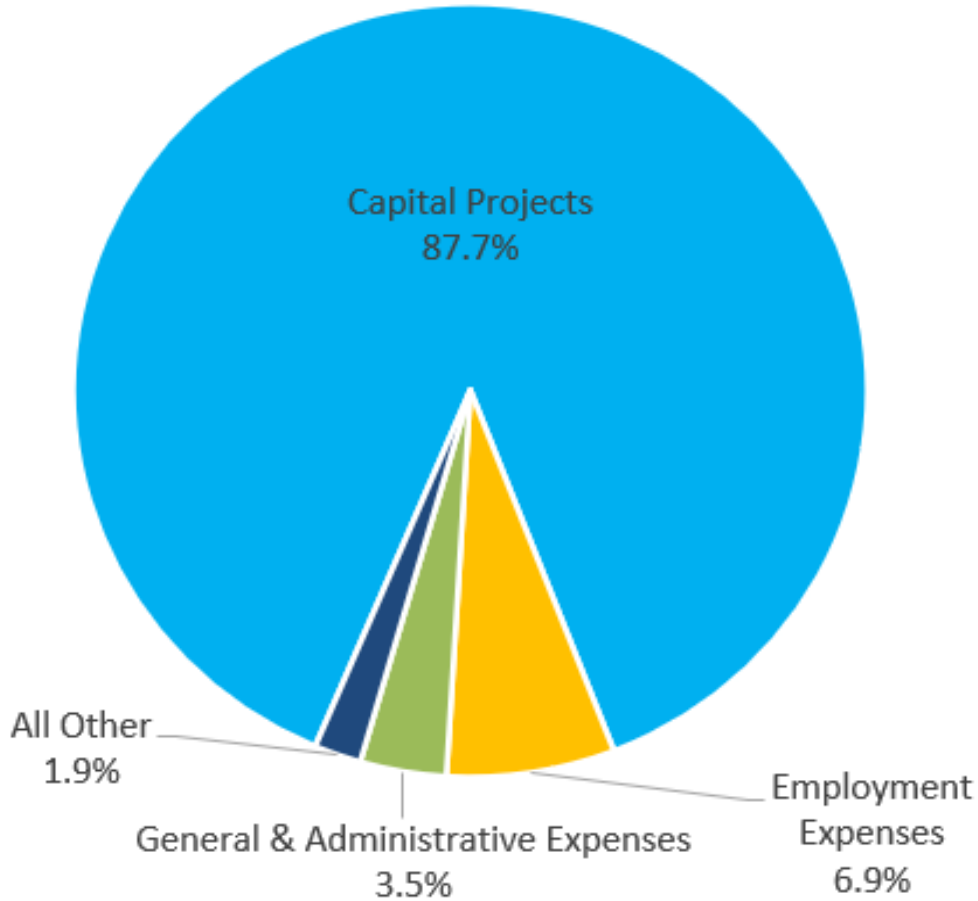
Wastewater Capital (\$000s)	Actuals	Projected	
	Fiscal Year 2024/25	Fiscal Year 2025/26	Fiscal Year 2026/27
Revenues			
Other Operating Revenue	3,144.5	2,500.0	2,000.0
Property Tax	53,347.6	60,088.9	62,143.0
Connection Fees (1)	25,859.5	28,411.3	28,349.1
Revenue Bonds	47,763.7	264,952.3	31,724.1
Other Financing Revenues	18,951.8	22,134.5	1.0
Total Revenues	\$123,207.6	\$349,675.7	\$95,868.1
Revenue Requirements			
O&M	9,096.1	10,934.4	11,927.1
Capital Projects	91,118.7	84,375.0	78,964.0
Debt Service	7,942.2	207,203.9	17,166.8
Transfers	13,772.1	22,719.2	10,620.5
Total Revenue Requirements	\$121,929.1	\$325,232.5	\$118,678.4
Fund Balance			
Annual Cash Balance	1,278.5	24,443.2	(22,810.3)
Beginning Fund Balance	134,086.6	135,365.1	159,808.3
Ending Fund Balance	\$135,365.1	\$159,808.3	\$136,998.0
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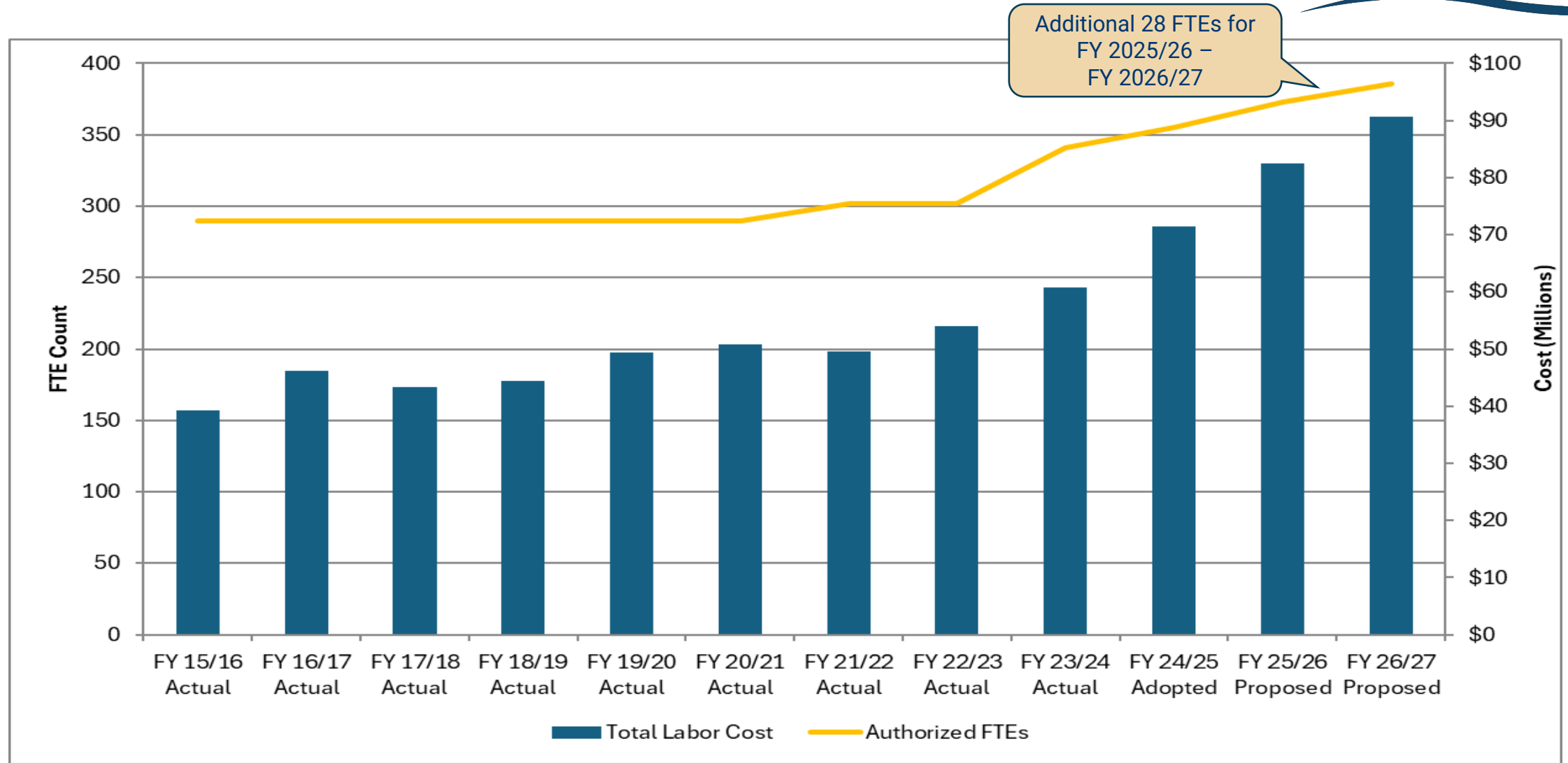
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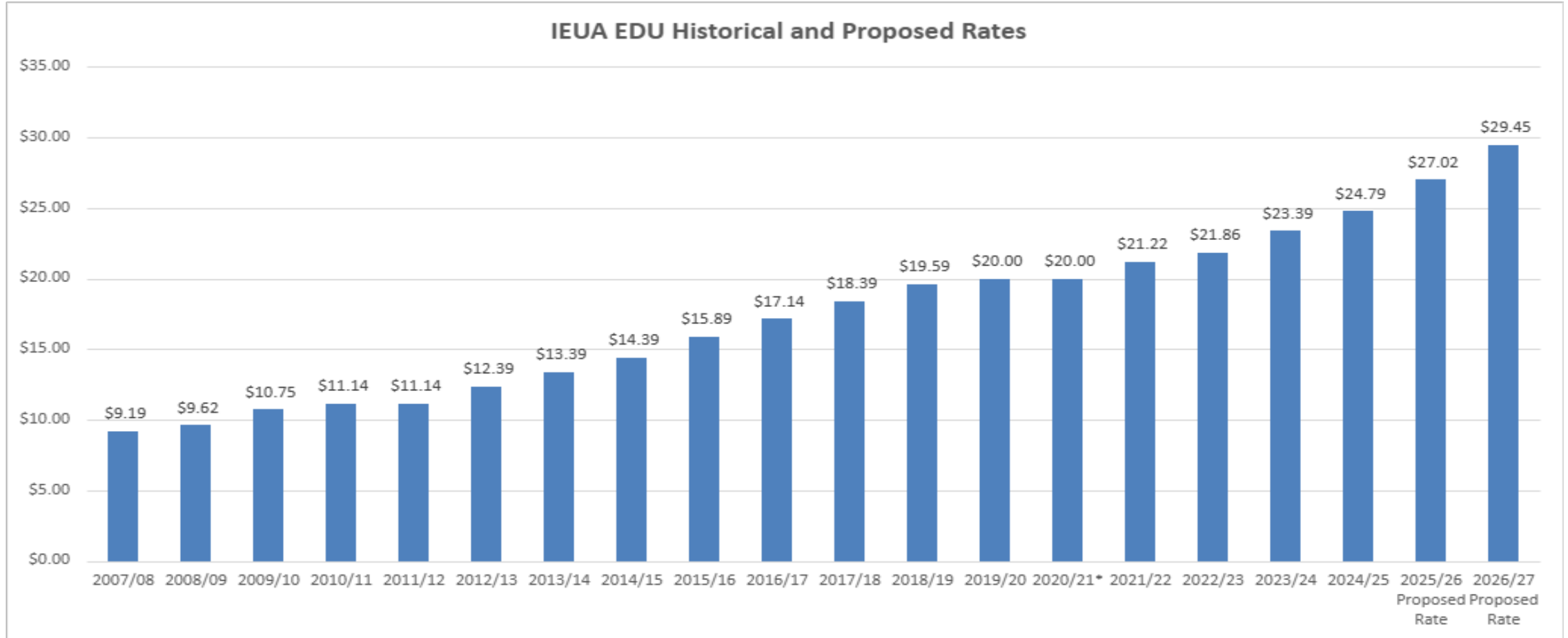
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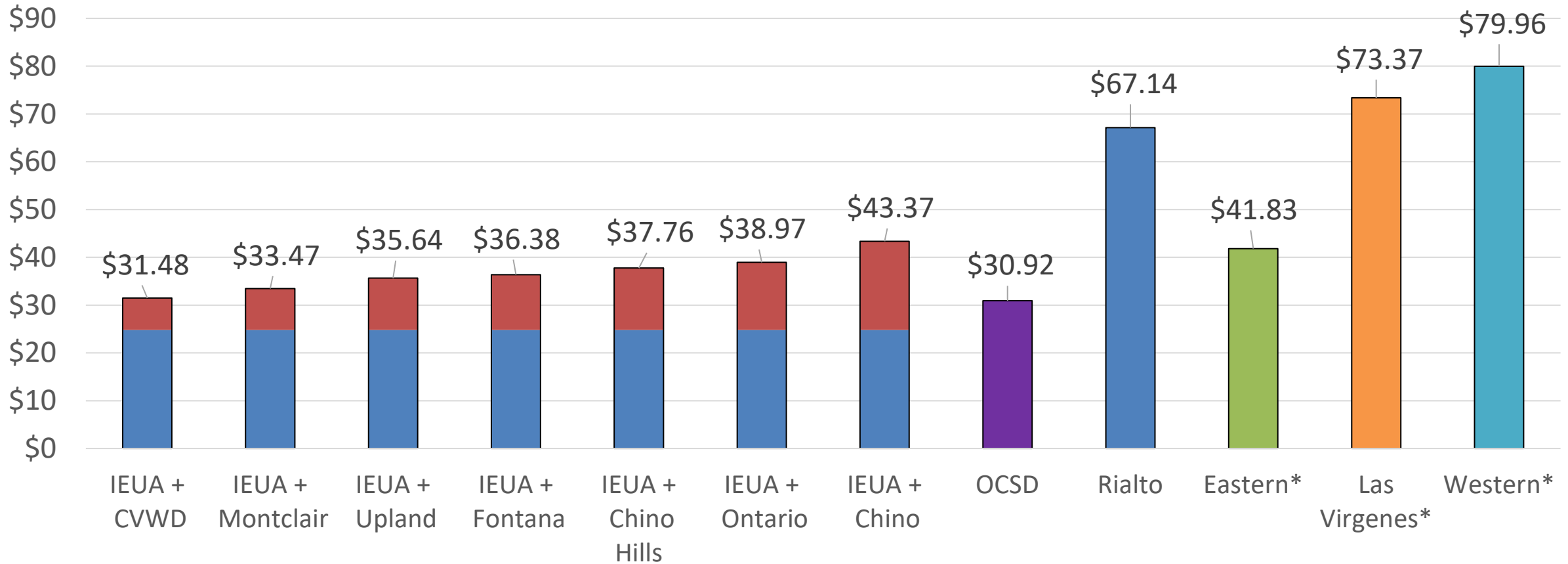


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**INFORMATION
ITEM**

3B

Ten-Year Sewer Capital Forecast Fiscal Year 2025/26 – Fiscal Year 2034/35

Travis Sprague P.E.
Manager of Asset Management

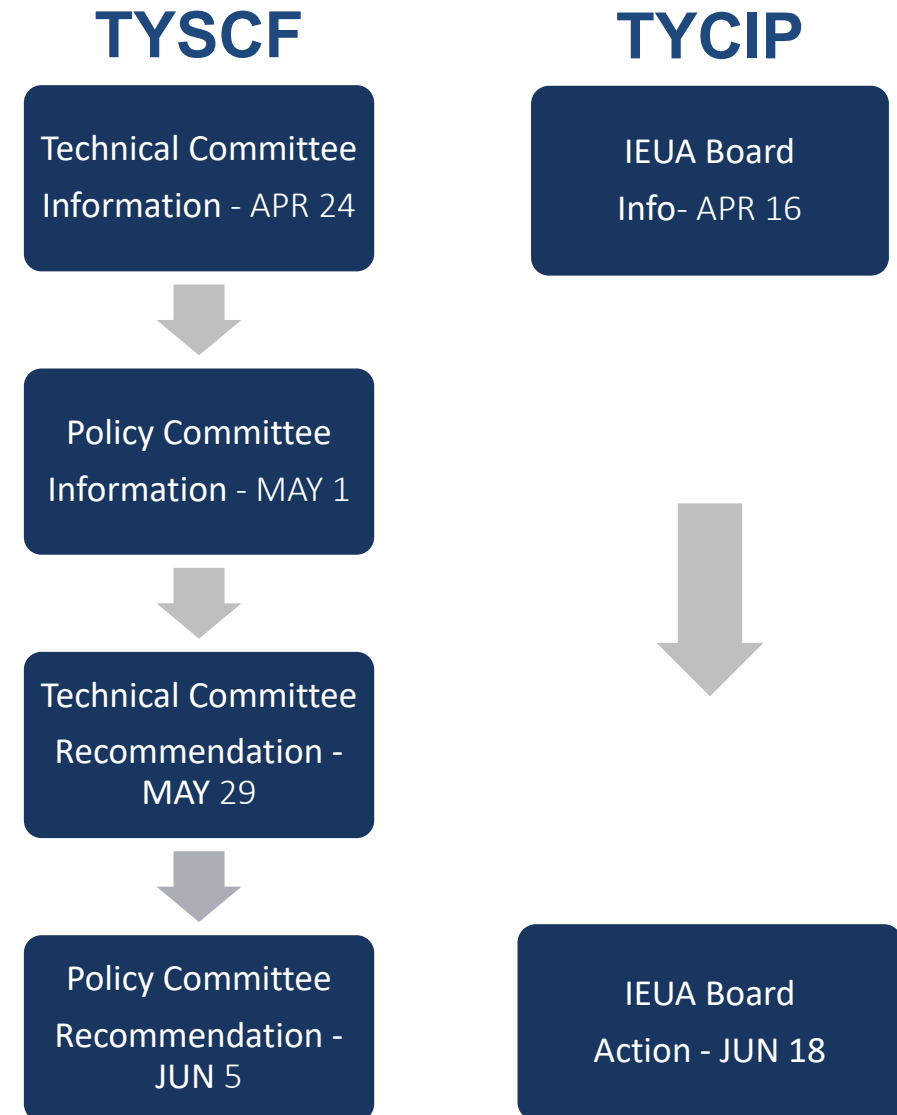
March/April 2025



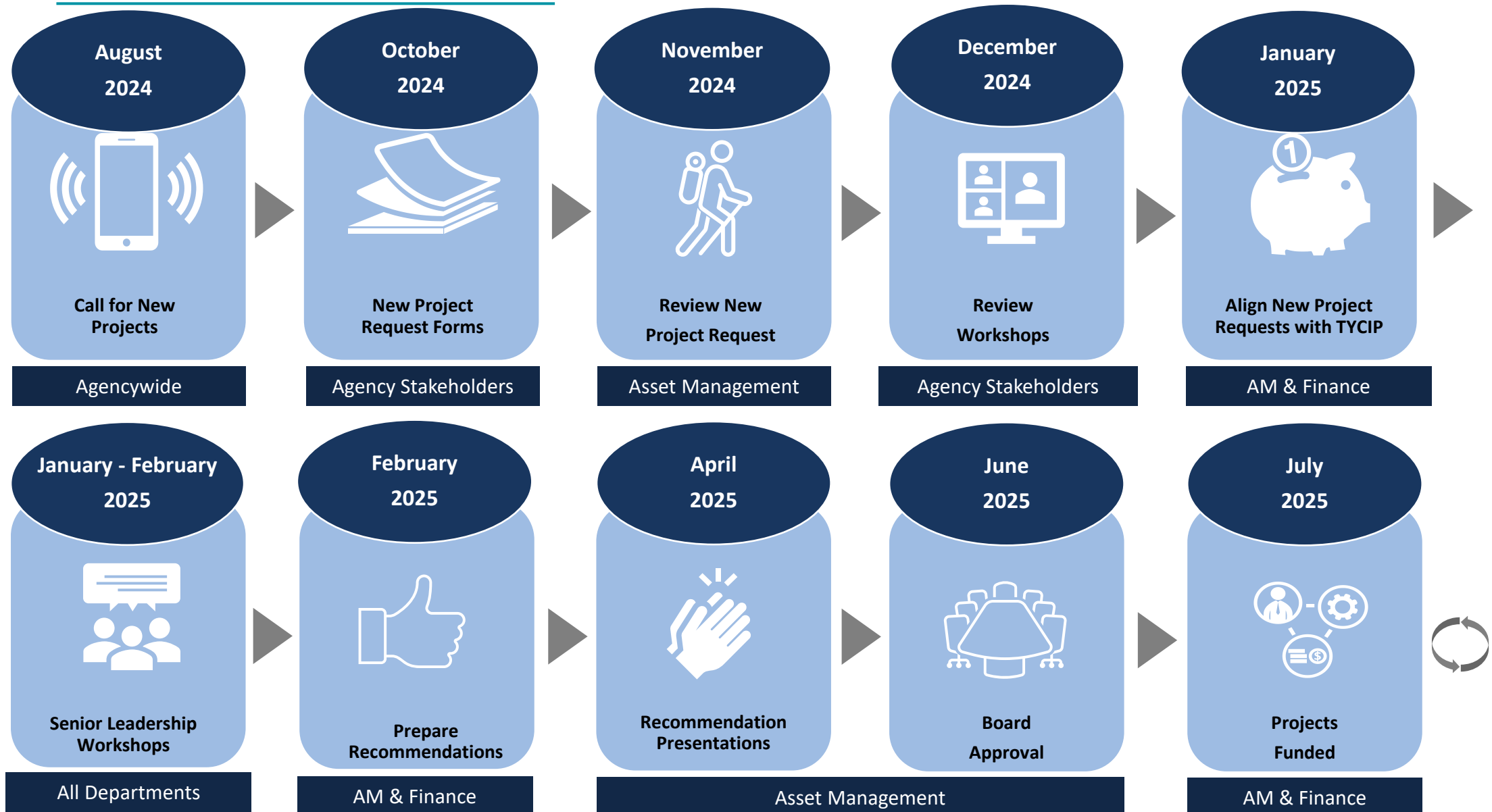
2 Ten-Year Sewer Capital Forecast

- Ensures compliance with Regional Sewage Service Contract and Ordinance No. 114
- Planning document that lists capital projects planned over the next 10 years
 - Subset of TYCIP
 - Regional Wastewater Capital Improvement
 - Regional Wastewater Operations and Maintenance
- Supplemental wastewater information
- Adopted June 2024

2025 Schedule



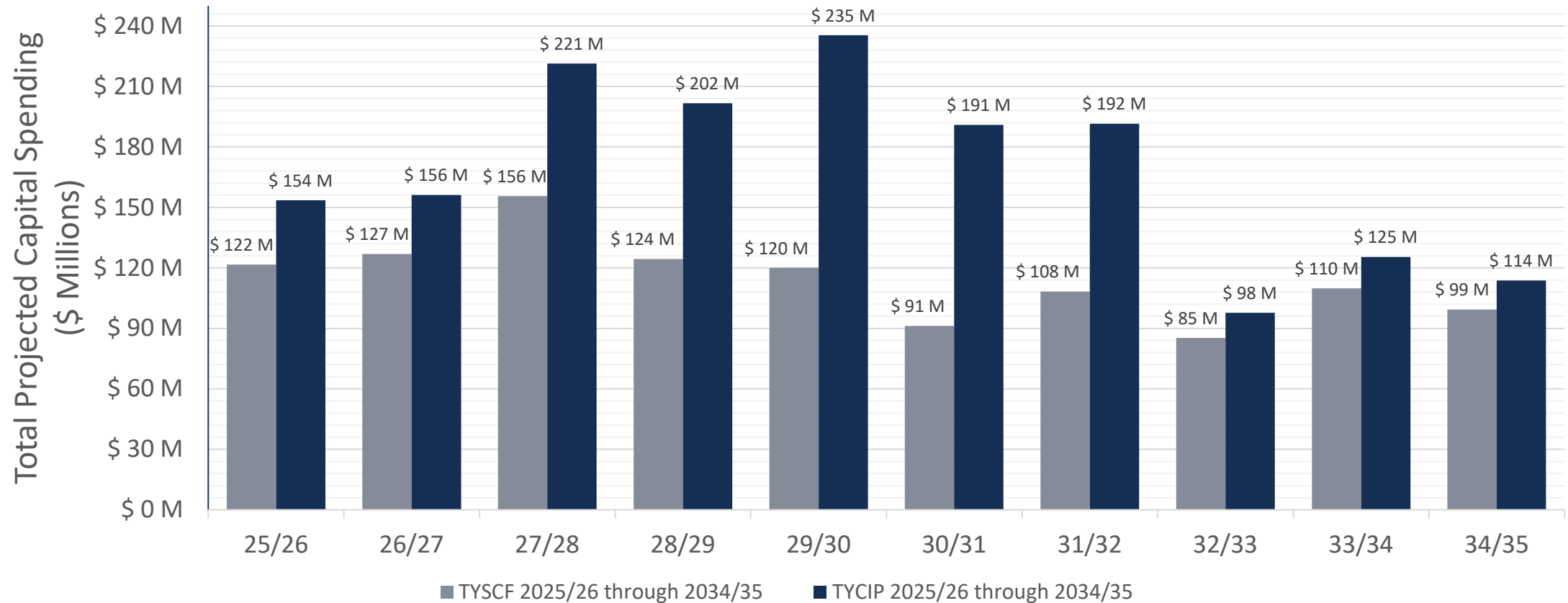
3 Capital Planning Process





4 Ten-Year Sewer Capital Forecast vs Ten-Year Capital Improvement Plan

Fiscal Year 2025/26 through Fiscal Year 2034/35
(Total \$1.14 Billion)

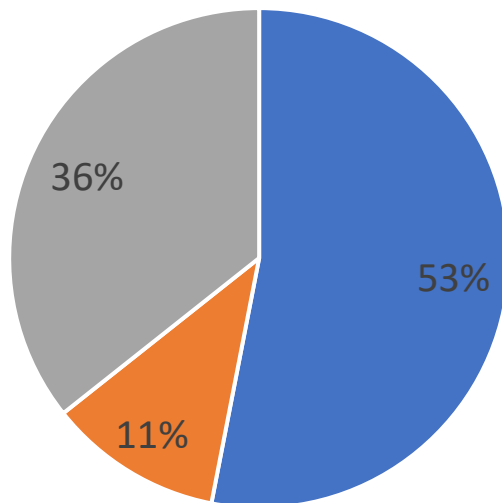




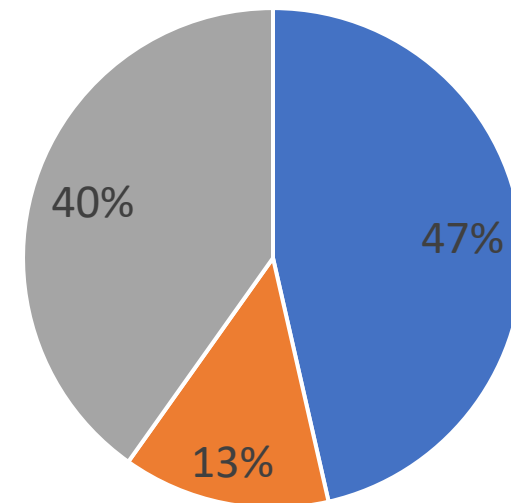
5 TYSCF Project Drivers: Fiscal Year 2026 and Fiscal Year 2027

Fund	FY2025/26			FY2026/27		
	Adopted	Change	Proposed	Adopted	Change	Proposed
Wastewater Operations	\$34.8 M	-\$7.2 M	\$27.7 M	\$24.3 M	\$10.1 M	\$34.4 M
Wastewater Capital Improvement	\$120 M	-\$26.0 M	\$94.0 M	\$98.7 M	-\$6.2 M	\$92.5 M
Total	\$154.8 M	-\$33.1 M	\$121.7 M	\$123.0 M	-\$3.9M	\$126.9 M

Proposed FY2025/26
\$121.7 M



Proposed FY2026/27
\$126.9 M



■ Changing Conditions ■ Environmental Regulations ■ Aging Infrastructure

■ Changing Conditions ■ Environmental Regulations ■ Aging Infrastructure



6 TYCIP - Major Projects*: Fiscal Year 2026 and Fiscal Year 2027

Fund	Project Title	Major Project (>\$10M), \$ M			
		TYCIP (1st and 2nd Year)			Project Budget
		FY2025/26	FY2026/27	SubTotal	Total
Wastewater Capital Improvement	RP-5 Expansion to 30 MGD	22.5	13.0	35.5	245.0
Wastewater Capital Improvement	RP-5 Biosolids Facility	13.5	7.0	20.5	242.3
Wastewater Capital Improvement	RP-1 Thickening Building & Acid Phase Digesters	25.0	35.0	60.0	240.0
Wastewater Capital Improvement	RP-1 Solids Treatment Rehabilitation	3.0	4.0	7.0	51.3
Wastewater Capital Improvement	Compliance for Wastewater Facilities	13.7	17.0	30.7	45.2
Wastewater Operations	SCADA Enterprise System	5.0	3.6	8.6	39.7
Wastewater Capital Improvement	CCWRF Asset Management and Improvements	6.0	2.9	8.9	34.6
Wastewater Operations	RP-4 Process Improvements Phase II	3.0	5.0	8.0	18.8
Wastewater Operations	RP-1 Primary Clarifier #1 Through #10 Rehab	2.0	3.0	5.0	16.2
Wastewater Capital Improvement	Montclair Force Main Improvements	3.0	4.0	7.0	14.4
Wastewater Capital Improvement	RP-1 Disinfection Pump Improvements	0.0		0.0	14.0
Wastewater Operations	RP-1 Secondary System Rehabilitation	1.0	3.0	4.0	11.5
Wastewater Operations	RP-1 Intermediate Pump Sta. Electrical	2.0	5.0	7.0	11.1

*Total Project Budget, individually, less than \$10 million (13 of 91 projects)



Questions?



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These materials have not been prepared with a view to informing an investment decision in any of the Agency's bonds, notes or other obligations. Any projections, plans or other forward-looking statements included in the information in this agenda are subject to a variety of uncertainties that could cause any actual plans or results to differ materially from any such statement. The information herein is not intended to be used by investors or potential investors in considering the purchase or sale of the Agency's bonds, notes or other obligations.

TYSCF CAPITAL PROJECTS LIST - REGIONAL WASTEWATER OPERATIONS AND MAINTENANCE AND REGIONAL WASTEWATER CAPITAL IMPROVEMENT

Project Number	Project Name	Project Scope	Project Drivers	FY 25/26	FY 26/27	FY 27/28	FY 28/29	FY 29/30	FY 30/31	FY 31/32	FY 32/33	FY 33/34	FY 34/35	Total TYCIP FY 2026-2035	Total Project Budget
Regional Wastewater Operations and Maintenance Fund															
EN13016	SCADA Enterprise System	Design, install, and program a new SCADA system across five wastewater facilities, overhauling control panels, operator interfaces, and data management for improved network integration and reliability.	Aging Infrastructure	\$ 5,000,000	\$ 3,600,000									\$ 8,600,000	\$ 39,700,000
EN18025	RP-1 Secondary System Rehabilitation	Rehabilitate secondary clarifiers' concrete surfaces, recoat metal parts, replace aboveground PVC sprayer piping, and add UV protection for extended service life.	Aging Infrastructure	\$ 1,000,000	\$ 3,000,000	\$ 5,000,000	\$ 2,000,000							\$ 11,000,000	\$ 11,500,000
EN19009	RP-1 Energy Recovery	Engage consultant to analyze digester gas use, exploring injection, cogeneration, or microgrid solutions, including financial viability, regulatory compliance, and subsequent design-build implementation.	Changing Conditions	\$ 750,000	\$ 1,500,000									\$ 2,250,000	\$ 4,330,000
EN20057	RP-4 Process Improvements Phase II	Reconfigure influent pump station, replace deteriorated gates, upgrade blowers, and make electrical/control improvements to enhance reliability.	Aging Infrastructure	\$ 3,000,000	\$ 5,000,000	\$ 5,000,000	\$ 1,000,000							\$ 14,000,000	\$ 18,770,000
EN21053	RP-1 Filter Effluent Structure #2 Rehabilitation	Rehabilitate structure and valves, addressing severely corroded gates and stems for improved performance and reliability.	Aging Infrastructure	\$ 700,000	\$ 1,000,000	\$ 1,000,000								\$ 2,700,000	\$ 3,570,000
EN21056	RP-1 Evaporative Cooling for Aeration Blower Building	Install evaporative or AC cooling to prevent blower building equipment failures due to overheating.	Aging Infrastructure	\$ 750,000										\$ 750,000	\$ 2,750,000
EN22027	RP-1 Repurpose Lab	Redesign and construct to relocate source control from headquarters, freeing space and adding new operations offices.	Changing Conditions	\$ 1,250,000										\$ 1,250,000	\$ 5,390,000
EN22031	RP-1 Intermediate Pump Station Electrical Improvements	Replace MCC 6M/8M with Allen Bradley IntelCenter, install 18-pulse VFDs, and improve electrical reliability at the intermediate pump station.	Aging Infrastructure	\$ 2,000,000	\$ 5,000,000	\$ 2,800,000								\$ 9,800,000	\$ 11,120,000
EN23000	RP1 Device Net Replacement	Evaluate MCCs with E3 overloads, replace or upgrade to E300 with Ethernet/IP or Modbus TCP/IP, and transition DeviceNet hardware for enhanced connectivity.	Aging Infrastructure	\$ 1,000,000	\$ 250,000									\$ 1,250,000	\$ 3,180,000
EN23004	CCWRF Aeration Basins 1-6 Drain Valves	Replace six-inch drain valves to prevent backflow in aeration basins 1-6, ensuring reliable drainage.	Aging Infrastructure	\$ 250,000	\$ 2,000,000	\$ 2,500,000								\$ 4,750,000	\$ 5,600,000
EN23035	CCWRF RAS Header Replacement	Replace three 16-inch connections to RAS header and about 22 feet of 36-inch pipe, potentially adding bypass.	Aging Infrastructure	\$ 750,000	\$ 350,000									\$ 1,100,000	\$ 1,450,000
EN23036	San Bernardino Ave Lift Station Reliability Improvements	Install chopper pumps, add wet well access hatch, pave around pumps, and engage consultant for design/construction services.	Aging Infrastructure			\$ 1,250,000	\$ 3,000,000	\$ 2,000,000						\$ 6,250,000	\$ 6,820,000
EN23038	CWRF HVAC System Upgrade	Replace chilled water air handlers, boilers, zoning, and controls at operations building for improved climate management.	Aging Infrastructure	\$ 1,000,000	\$ 2,000,000									\$ 3,000,000	\$ 3,760,000
EN23074	CCWRF Influent Box Rehab at the Primary Clarifiers	Remove degraded coating, restore concrete thickness, apply protective coating, and replace aluminum gates with stainless steel for long-term influent box integrity.	Aging Infrastructure	\$ 2,000,000	\$ 1,000,000									\$ 3,000,000	\$ 3,360,000
EN23114	RP-1 Instrumentation and Control Enhancements	Assess PCN requests, design and install electrical/control infrastructure, and finalize SCADA migration for comprehensive RP-1 upgrades.	Changing Conditions			\$ 250,000	\$ 750,000	\$ 250,000						\$ 1,250,000	\$ 1,410,000
EN24020	RP-1 Dewatering Centrate Pumps	Remove unreliable ESSCO pumps, install more dependable units, and adjust railing to accommodate new equipment.	Aging Infrastructure	\$ 600,000										\$ 600,000	\$ 3,140,000
EN24023	RP3 Regional Sewer Diversion Structure Rehab	Replace gate valves, rings, covers, sandblast concrete, repair structural damage, and install new liner to restore diversion structure.	Aging Infrastructure	\$ 800,000	\$ 300,000									\$ 1,100,000	\$ 1,660,000
EN24029	RP-1 Tertiary Asset Management Phase 1	Replace 26 filter effluent valves, custom tee, rehabilitate SBS pump station, modify sedimentation basin sludge pumps, and ensure long-term tertiary asset reliability.	Aging Infrastructure				\$ 500,000	\$ 2,000,000	\$ 1,500,000					\$ 4,000,000	\$ 4,010,000
EN24032	RP-1 Primary Clarifier #1 Through #10 Rehabilitation	Investigate scum collection issues, clarify influent flow distribution, propose best repairs, and provide engineering report for clarifiers 1-10.	Aging Infrastructure	\$ 2,000,000	\$ 3,000,000	\$ 6,000,000	\$ 3,750,000							\$ 14,750,000	\$ 16,240,000
EN24033	Annular Seals	Verify each annular seal's condition and replace as necessary.	Aging Infrastructure			\$ 50,000								\$ 50,000	\$ 1,380,000
EN24059	Chino Hills Trunk-014 Sewer Siphon CIPP Repair	Conduct flow monitoring, design a bypass-based CIPP repair for both siphon barrels, and provide engineering services during construction.	Aging Infrastructure	\$ 150,000										\$ 150,000	\$ 1,300,000
EN25002	SSI Aeration Disk Replace RP1_RP4_RP5	Replace aeration diffuser disks and secure manufacturer certification for new diffusers at RP-1, RP-4, and RP-5.	Aging Infrastructure	\$ 200,000	\$ 1,100,000	\$ 400,000	\$ 2,400,000		\$ 500,000	\$ 2,450,000	\$ 250,000	\$ 500,000		\$ 7,800,000	\$ 7,800,000
EN25006	CCWRF Primary Clarifier Coating	Restore concrete surfaces, apply protective coating, and rehabilitate corroded metal parts and valves in both primary clarifiers.	Aging Infrastructure	\$ 1,000,000	\$ 200,000									\$ 1,200,000	\$ 1,400,000
EN25010	RSS - Collection System Pipe Rehabilitation	Replace or refurbish failing air expansion tanks to extend their service life in the regional sewer system.	Aging Infrastructure				\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000		\$ 6,000,000	\$ 6,000,000
EN25044	Asset Management Software	Develop and implement software for tracking, managing, and optimizing assets throughout their lifecycle.	Aging Infrastructure	\$ 500,000	\$ 150,000	\$ 50,000								\$ 700,000	\$ 750,000
EN25045	CCWRF Electrical Improvements	Assess and replace major electrical gear—12kV switchgear, MCCs, transformers, panels, and more—throughout CCWRF for system reliability.	Aging Infrastructure	\$ 700,000	\$ 500,000	\$ 3,000,000	\$ 2,000,000							\$ 6,200,000	\$ 6,700,000
EN26004	Agency Wide VFD Upgrades Wastewater FY25/26	Coordinate to replace VFDs over 15 years old at southern wastewater facilities, ensuring consistent reliability agency-wide.	Aging Infrastructure	\$ 50,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 9,050,000	\$ 9,050,000
EN26046	RP-1 Headworks Influent Channel Rehabilitation	Rehabilitate unlined influent channel concrete, repair manhole openings, replace framing, covers, and gate frames, addressing identified leaks.	Aging Infrastructure	\$ 300,000	\$ 1,500,000	\$ 2,000,000	\$ 200,000							\$ 4,000,000	\$ 4,000,000
EN28018	Recurring RSS Manhole Lining Project	Remove failed liners, apply chemical grouting if needed, and restore manhole interiors to prevent infiltration and maintain structural integrity.	Aging Infrastructure			\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 800,000	\$ 1,000,000
EN28020	RP-1 Digester Gas Carbon Canister Installation	Install carbon canisters and PRVs for digester gas, ensuring proper flare operation and SCAQMD compliance, with consultant-led design and construction.	Environmental Regulations			\$ 150,000	\$ 850,000							\$ 1,000,000	\$ 1,000,000
EN28022	CCWRF Filter Inlet and Bypass Gates Replacement	Replace inlet and bypass gates for reliable filter flow control at CCWRF.	Aging Infrastructure			\$ 500,000	\$ 1,000,000	\$ 400,000						\$ 1,900,000	\$ 1,900,000
EN28023	RP-1 Motor Control Center 9M Replacement	Replace MCC 9M with a new IntelCenter, possibly integrating VFDs, and coordinate temporary power, ensuring updated remote control and equipment status.	Aging Infrastructure			\$ 500,000	\$ 2,000,000	\$ 2,400,000						\$ 4,900,000	\$ 4,900,000
EN28027	Agencywide Paving	Evaluate and address asphalt repair and replacement needs across the Agency with annual maintenance funding.	Aging Infrastructure			\$ 400,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ 3,200,000	\$ 3,200,000
EN29003	Replace Aeration Basin Influent /RAS, Step Feed Gates	Inspect and replace corroded aeration basin influent and RAS gates with stainless steel for improved durability.	Aging Infrastructure							\$ 800,000	\$ 2,000,000	\$ 1,000,000		\$ 3,800,000	\$ 4,100,000
EN29010	Agencywide Air Relief Valves Upgrade and Replacement	Standardize air/vacuum relief valves with A.R.I. models, add check and isolation valves, and improve pipeline maintenance safety.	Aging Infrastructure			\$ 200,000	\$ 1,000,000	\$ 300,000						\$ 1,500,000	\$ 1,500,000
EN30007	RP-1 Ammonia Analyzer Improvements	Remove six Hach analyzers, install six Horiba units, and ensure SCADA integration for continuous ammonia monitoring.	Changing Conditions					\$ 100,000	\$ 500,000					\$ 600,000	\$ 600,000
EN31003	RP-1 New Parking Lot	Convert existing garden area near Old New Lab into large parking with electrical hookups, supporting larger vehicles and clear traffic flow.	Changing Conditions						\$ 250,000	\$ 850,000				\$ 1,100,000	\$ 1,100,000
EN34001	Prado Dechlorination Motor Control Center Replacement	Replace MCC-1 at Prado Dechlorination, coordinating temporary power and ensuring updated equipment reliability.	Aging Infrastructure									\$ 500,000	\$ 1,500,000	\$ 2,000,000	\$ 2,000,000
EP26001	Agency Wide Major Facilities Repair/Replacement	Upgrade aging infrastructure, improve safety in wastewater plants, and purchase critical spare equipment agency-wide.	Aging Infrastructure	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 10,000,000	\$ 10,000,000
FM26003	Recurring Regional Sewer Manhole Procurement	Obtain new manhole lids for future projects, emergencies, and contractor installations within the service area.	Aging Infrastructure	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 1,000,000	\$ 1,000,000
IS20007	Control System Enterprise Historian Enhancement	Enable predictive insights, manual data collection, and Foxboro data imports with a Universal Font Library connector for improved operational visibility.	Aging Infrastructure	\$ 250,000	\$ 250,000									\$ 500,000	\$ 1,000,000
IS26016	SCADA Infrastructure Asset Replacement	Purchase new servers, network switches, workstations, and UPS systems to replace outdated SCADA infrastructure and ensure reliable performance.	Aging Infrastructure	\$ 550,000	\$ 550,000	\$ 550,000	\$ 550,000	\$ 550,000	\$ 550,000	\$ 550,000	\$ 550,000	\$ 550,000	\$ 550,000	\$ 5,500,000	\$ 5,500,000

TYSCF CAPITAL PROJECTS LIST - REGIONAL WASTEWATER OPERATIONS AND MAINTENANCE AND REGIONAL WASTEWATER CAPITAL IMPROVEMENT

Project Number	Project Name	Project Scope	Project Drivers	FY 25/26	FY 26/27	FY 27/28	FY 28/29	FY 29/30	FY 30/31	FY 31/32	FY 32/33	FY 33/34	FY 34/35	Total TYCIP FY 2026-2035	Total Project Budget
PL19001	Purchase Existing Solar Installation	Evaluate purchasing existing solar panels at IEUA facilities to reduce long-term electricity costs.	Changing Conditions					\$ 3,500,000						\$ 3,500,000	\$ 7,500,000
Total				\$ 94,000,000	\$ 92,510,000	\$ 121,935,000	\$ 100,535,000	\$ 107,410,000	\$ 83,660,000	\$ 100,010,000	\$ 78,810,000	\$ 103,660,000	\$ 94,660,000	\$ 977,190,000	\$ 1,538,130,000

**RECEIVE AND
FILE**

4A

Building Activity Report - YTD Fiscal Year 2024/25



Legend

- Service Area
- Unincorporated

Residential

- <=1.0
- 1.0 - 10.0
- >10.0

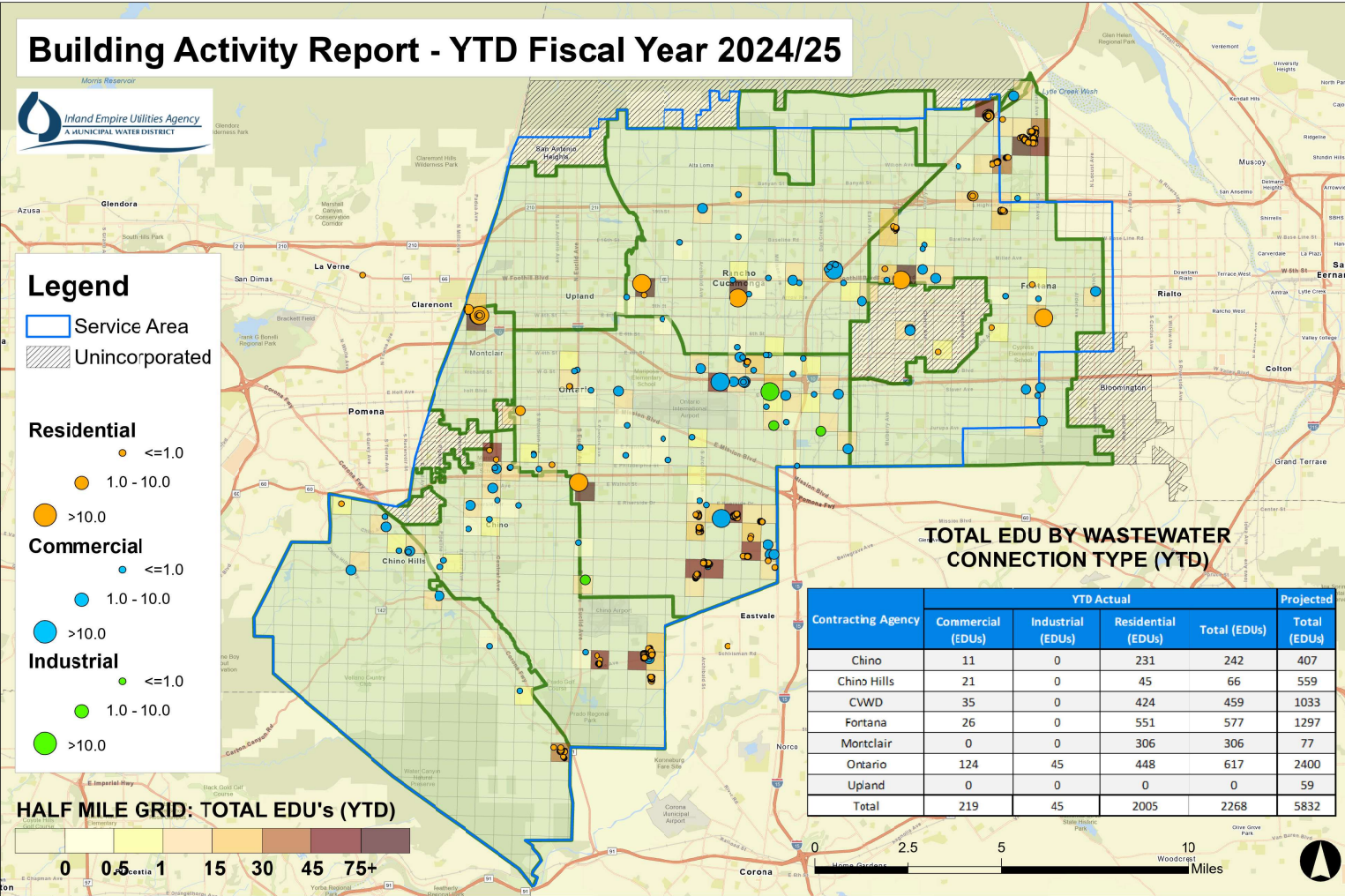
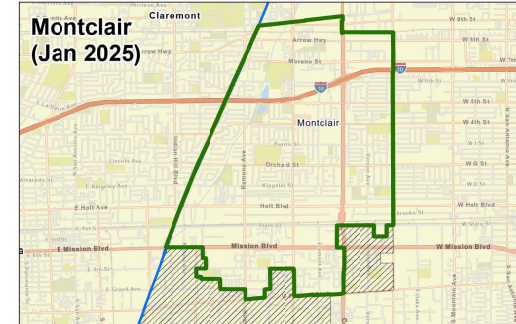
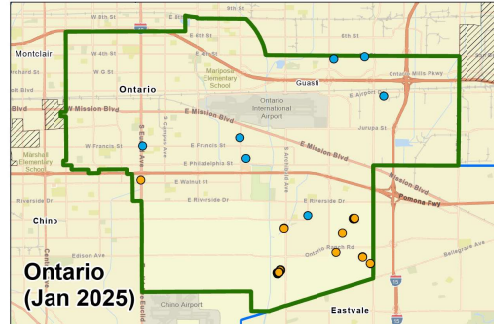
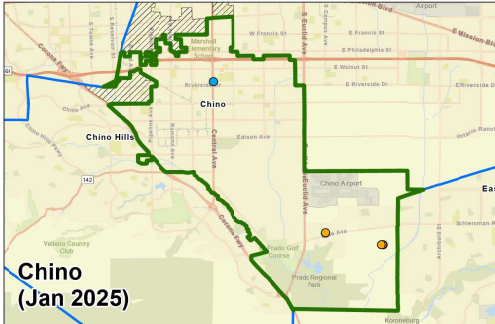
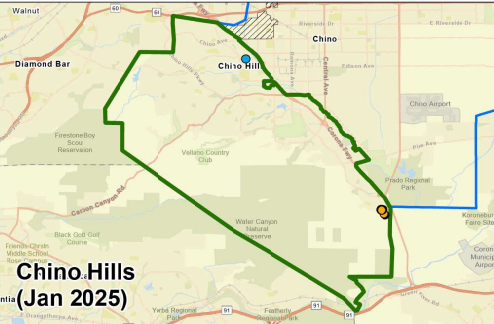
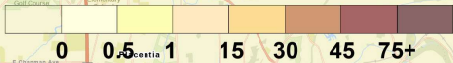
Commercial

- <=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			Total (EDUs)	Projected Total (EDUs)
	Commercial (EDUs)	Industrial (EDUs)	Residential (EDUs)		
Chino	11	0	231	242	407
Chino Hills	21	0	45	66	559
CWWD	35	0	424	459	1033
Fontana	26	0	551	577	1297
Montclair	0	0	306	306	77
Ontario	124	45	448	617	2400
Upland	0	0	0	0	59
Total	219	45	2005	2268	5832

