



Regional Sewerage Program Policy Committee Meeting

AGENDA

**Thursday, April 4, 2024
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 Jennifer Hy-Luk at jhyluk@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. Approve minutes of March 7, 2024 Policy Committee Meeting
- 3. Information Items**
 - A. Grants Semi-Annual Update
 - B. Ten-Year Capital Improvement Plan & Ten-Year Sewer Capital Forecast
FY 2024/25 – FY 2033/34
- 4. Receive and File Item**
 - A. Building Activity Report
- 5. Other Business**
 - A. IEUA General Manager's Update
 - B. Committee Member Requested Future Agenda Items
 - C. Committee Member Comments
 - D. Next Meeting – May 2, 2024

Adjourn

DECLARATION OF POSTING

I, Jennifer Hy-Luk, 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 Jennifer Hy-Luk at (909) 993-1727 or jhyluk@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 7, 2024 MEETING

CALL TO ORDER

A meeting of the Inland Empire Utilities Agency (IEUA)/Regional Sewerage Program Policy Committee was held on Thursday, March 7, 2024, at 6075 Kimball Avenue, Building A, Chino, California.

Chair Randall Reed/Cucamonga Valley Water District (CVWD) called the meeting to order at 3:30 p.m. Recording Secretary Jennifer Hy-Luk established a quorum was present. Chair Reed led the Pledge of Allegiance.

Committee Members Present:

Eunice Ulloa	City of Chino
Peter Rogers	City of Chino Hills
Phillip Cothran	City of Fontana <i>arrived at 3:37 p.m.</i>
John Dutrey	City of Montclair
Debra Dorst-Porada	City of Ontario
Bill Velto	City of Upland
Randall Reed	Cucamonga Valley Water District (CVWD)
Marco Tule	Inland Empire Utilities Agency (IEUA)

Others Present:

Hye Jin Lee	City of Chino
Courtney Jones	City of Ontario
Chad Nishida	City of Ontario
Nicole deMoet	City of Upland
Amanda Coker	CVWD
Adham Almasri	IEUA
Jerry Burke	IEUA
Christiana Daisy	IEUA
Kristine Day	IEUA
Robert Delgado	IEUA
Denise Garzaro	IEUA
Michael Hurley	IEUA
Elizabeth Hurst	IEUA
Jennifer Hy-Luk	IEUA

Others Present (continued):

Randy Lee	IEUA
Scott Lening	IEUA
Eddie Lin	IEUA
Ryan Love	IEUA
Liza Munoz	IEUA
Agustin Nieto	IEUA
Alyson Piguee	IEUA
Sushmitha Reddy	IEUA
Travis Sprague	IEUA
Ken Tam	IEUA
Wilson To	IEUA

PUBLIC COMMENTS

There were no public comments.

ADDITIONS TO THE AGENDA

There were no additions to the agenda.

1. TECHNICAL COMMITTEE REPORT

There was nothing to report.

2. ACTION ITEM**A. APPROVAL OF THE FEBRUARY 1, 2024 POLICY COMMITTEE MEETING MINUTES**

Motion: By Committee member Bill Velto/City of Upland and seconded by Committee member Peter Rogers/City of Chino Hills to approve the meeting minutes of the February 1, 2024 Regional Policy Committee Meeting by the following vote:

Ayes: Dorst-Porada, Dutrey, Rogers, Ulloa, Velto, Reed

Noes: None

Absent: Cothran

Abstain: None

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

3. INFORMATION ITEMS**A. CHINO BASIN PROGRAM (CBP) UPDATE**

Elizabeth Hurst/IEUA provided the presentation.

Discussion ensued regarding the potential facilities; the need for infrastructure in the region; the state partnership; the cost impact; the timeline of the project; Grants and loans on Advanced Water Treatment Plants; and potential total project cost.

Alyson Piguee/IEUA provided details on current grant applications, conditional funding awards, and other potential funding opportunities.

Committee Member Eunice Ulloa/City of Chino asked about the Agency's current debt rate.

Shivaji Deshmukh/IEUA reported that the Agency's current debt at the end of this Fiscal Year will be \$582.5 million; \$300.8 million in bonds; \$70.5 million of Water Infrastructure Finance and Innovation Act (WIFIA) loans, \$208.7 million in low interest SRF loans; and \$2.5 million in other notes payable.

Chair Reed/CVWD shared the value of CBP for CVWD.

Discussion ensued regarding other partners in the CBP.

B. OPERATIONS UNIT UPDATE

Scott Lening, Ryan Love, and Agustin Nieto/IEUA provided the presentation.

Discussion ensued regarding recruitment, current vacancies, and the changes with training for operators.

4. RECEIVE AND FILE

Item 4A was received and filed by the Committee.

A. BUILDING ACTIVITY REPORT

5. OTHER BUSINESS

A. IEUA GENERAL MANAGER'S UPDATE

Mr. Deshmukh stated that he would like to bring back a more detailed update on the storm and El Prado spill event. He also stated that IEUA will be holding a Career Opportunities Open House on Thursday, March 14 at 5:30 p.m.

B. COMMITTEE MEMBER REQUESTED AGENDA ITEMS FOR NEXT MEETING

There were no Committee member requested agenda items for the next meeting.

C. COMMITTEE MEMBER COMMENTS

Committee member Ulloa/City of Chino requested an update on Recycled Water Maintenance. Mr. Deshmukh stated that an email response was sent, and staff will resend.

Committee member Tule/IEUA stated the importance of exploring the feasibility of CBP and thanked his fellow Committee members for their questions.

Committee member Velto/City of Upland thanked staff for the presentations.

D. NEXT MEETING – APRIL 4, 2024

ADJOURNMENT

Chair Reed adjourned the meeting at 4:36 p.m.

Prepared by:

Jennifer Hy-Luk, Recording Secretary

DRAFT

**INFORMATION
ITEM**

3A



Grants Semi-Annual Update

Alyson Piguee, Director of External & Government Affairs

March/April 2024

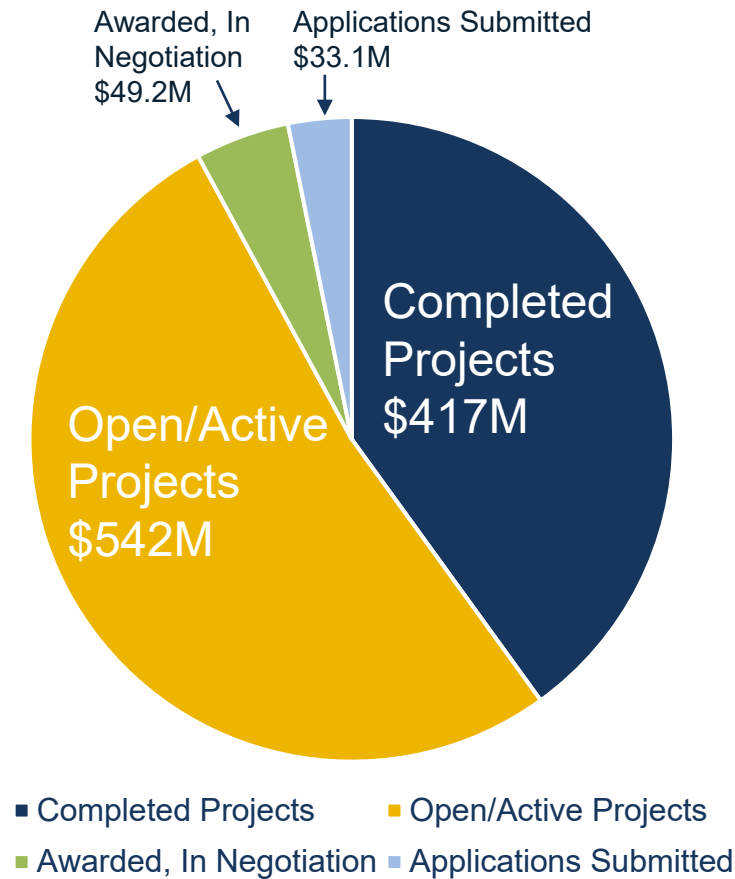
Grant & Loan Funding Overview

**Executed Grants + Loans
Since 2000 ~ \$958M**



Grant & Loan Funding Overview

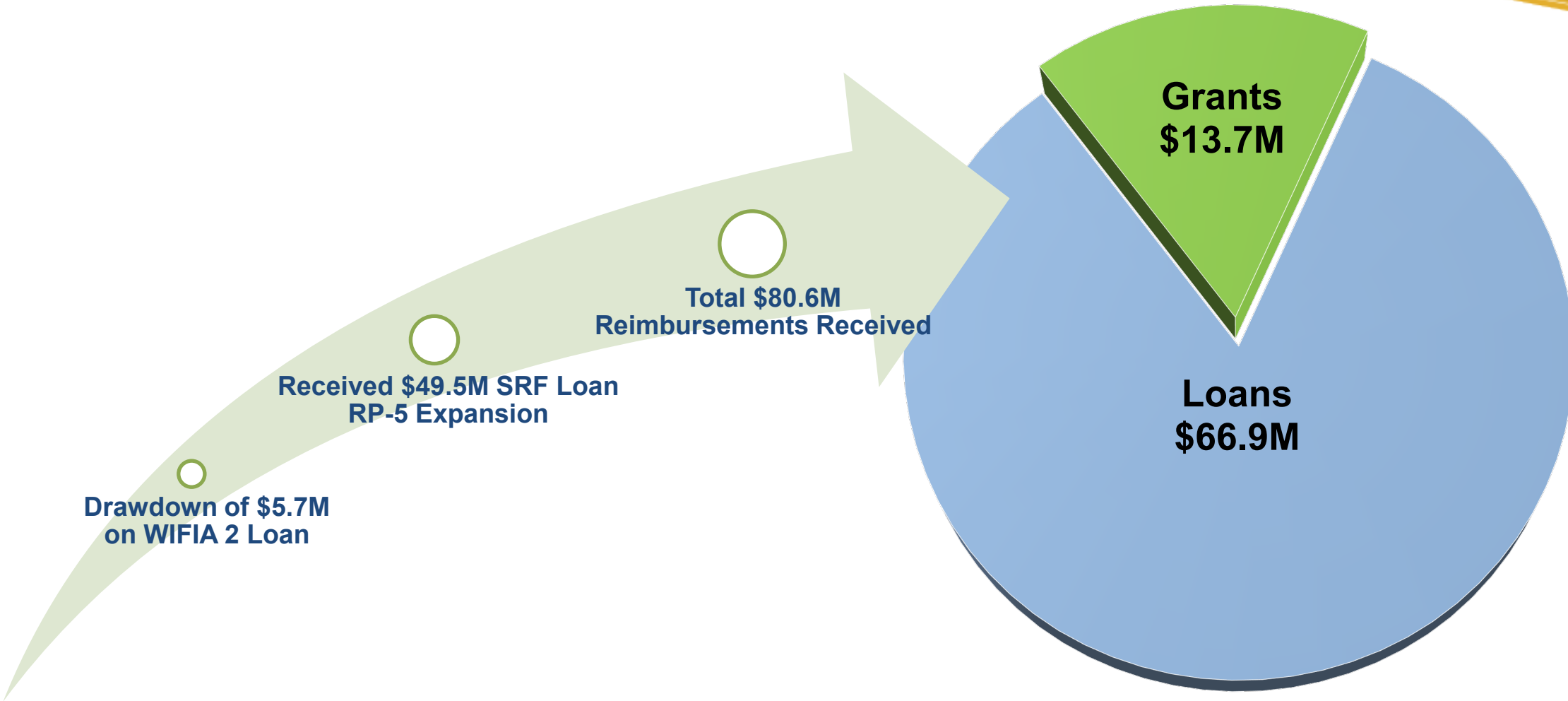
IEUA Grant/Loan Awards since 2000



Funding Agencies for IEUA's Current Agreements and Applications



Grant and Loan Reimbursements Received July 2023 to December 2023



Current Funding Opportunities

- Federal
 - USBR Large Scale Water Recycling
 - USBR WaterSMART Drought Resiliency
 - USBR Water & Energy Efficiency
 - USBR Title XVI Water Reclamation & Reuse
 - FEMA Building Resilient Infrastructure & Communities
 - Community Project Requests
 - EPA WIFIA
- State
 - Clean Water State Revolving Fund Program
 - Water Recycling Funding Program
- Local
 - MWD Future Supplies Action

Questions?



**INFORMATION
ITEM**

3B



Date: March 28th & April 4th, 2024

To: Regional Sewerage Technical and Policy Committees

From: Inland Empire Utilities Agency

Subject: Ten-Year Capital Improvement Plan & Ten-Year Sewer Capital Forecast FY 2024/25 – FY 2033/34

RECOMMENDATION

This is an information item.

BACKGROUND

The Ten-Year Capital Improvement Plan (TYCIP) is a planning tool used to outline Inland Empire Utilities Agency's (IEUA's) capital priorities through a list of ongoing and future projects. The TYCIP proposes a schedule for the implementation of projects agency-wide, based on the necessity to ensure reliability and safety, while meeting all regulatory requirements. This TYCIP identifies capital projects for the Fiscal Year (FY) 2024/2025 through FY 2033/2034. Over the next ten years, IEUA is planning approximately \$1,629,332,111 in capital improvement projects, of which 31% is expected to be in the Regional Wastewater Capital Improvement fund.

In addition, IEUA staff annually presents the TYCIP as a courtesy to the Regional Sewerage Technical and Policy Committees before adoption by the IEUA Board of Directors. Pursuant to Section 9A of the Regional Sewerage Service Contract and Ordinance No.114, IEUA will submit a subset of the TYCIP, the Ten-Year Sewer Capital Forecast (TYSCF), to the Regional Technical Committee and Policy Committee for recommendation. The TYSCF includes wastewater flow forecasts, a description of planned wastewater capital projects, plant capacities, and proposed capital project spending in the Regional Wastewater Programs; more specifically, the Regional Wastewater Capital Improvement (RC) and the Regional Wastewater Operations (RO) funds. The Regional Policy Committee's recommendation authority applies to the Regional Wastewater Programs that affect future demands. The proposed TYSCF for FY2024/25 through FY2033/34 is \$1,009.1 Million.

Attachments:

Attachment 1 – PowerPoint

Attachment 2 – Ten-Year Sewer Capital Forecast FY 2024/25 – FY 2033/34

Attachment 3 – Ten-Year Capital Improvement Plan FY 2024/25 – FY 2033/34

Ten-Year Capital Improvement Plan & Ten-Year Sewer Capital Forecast FY 2024/25 - FY 2033/34

Sandra Salazar, P.E.

Senior Engineer of Asset Management

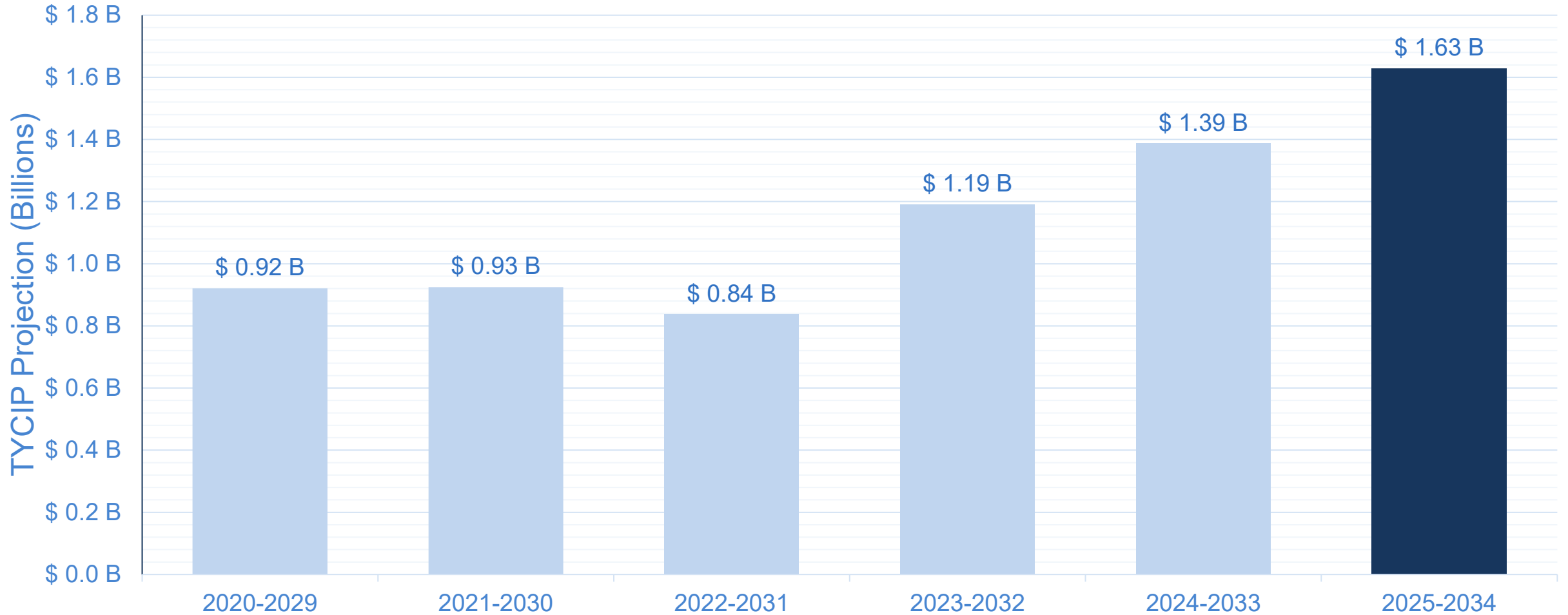
March/April 2024

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
- Agencywide effort
- Promotes transparency into Agency capital activities

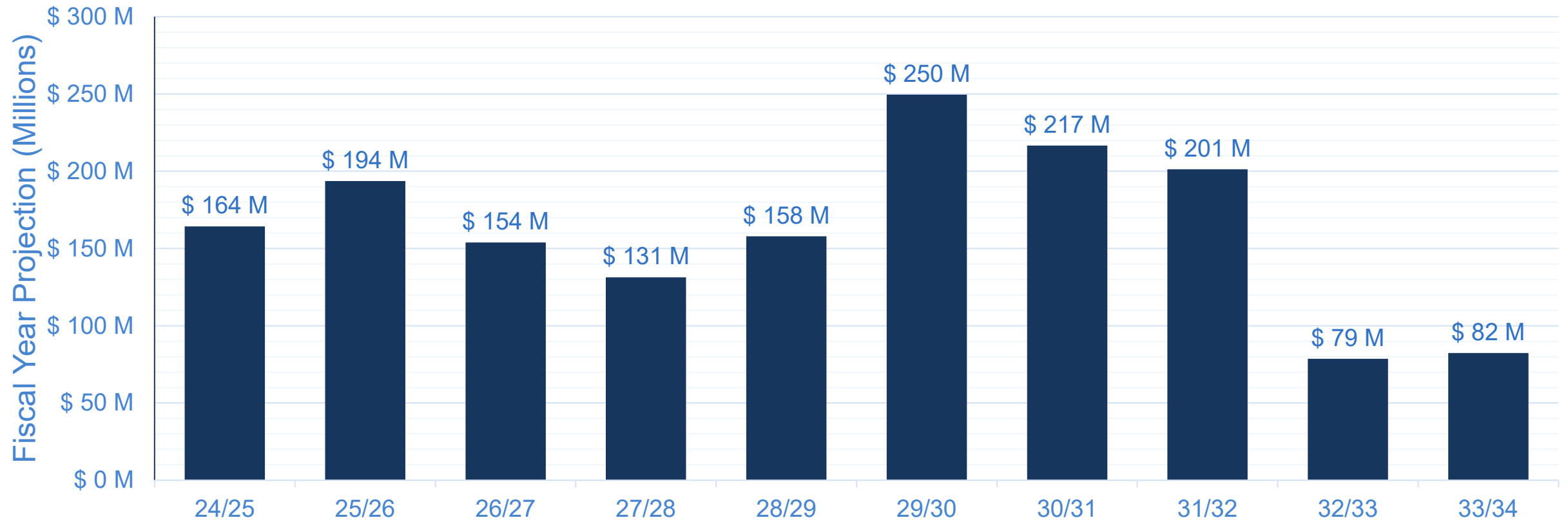


Historical Capital Improvement Trend



Ten-Year Capital Improvement Plan

Fiscal Year 2024/25 through Fiscal Year 2033/34
(Total \$1.63 Billion)



Ten-Year Capital Improvement Plan



RP-5 Liquids & Solids Expansion

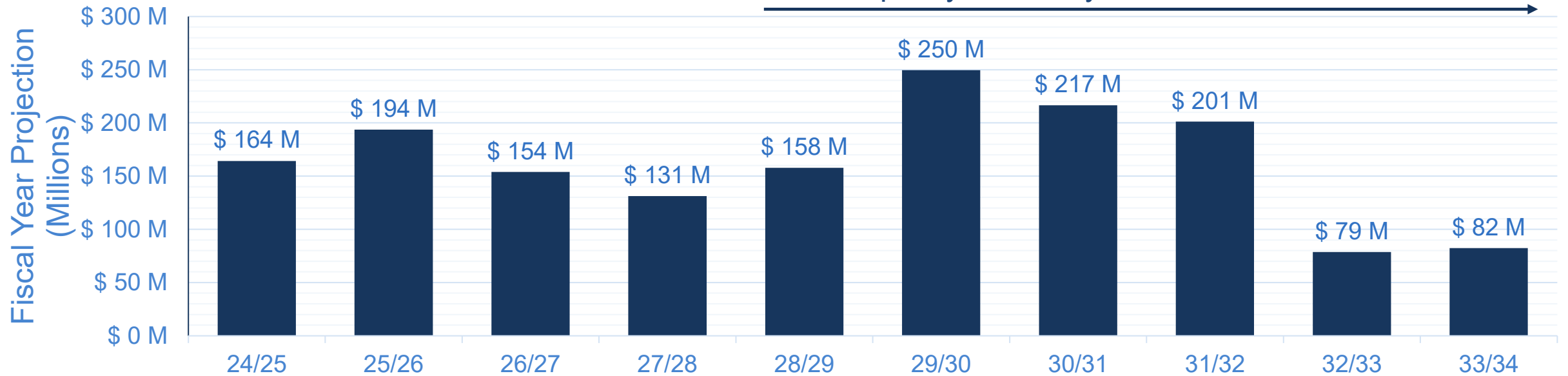
RP-1 Thickening & Acid Phase Digesters

RP-1 Solids Treatment Expansion

RP-5 O&M Building

Chino Basin Program

RP-1 Capacity Recovery



Ten-Year Capital Improvement Plan

	Fiscal Year Projection (Millions of Dollars, \$)										
	24/25	25/26	26/27	27/28	28/29	29/30	30/31	31/32	32/33	33/34	Total TYCIP
Advanced Water Purification Facility				12	20	63	65	63			223
Injection Facilities				25	38	50	35	30			178
RW Interconnection to the City of Rialto				24	20	30	25	26			125
RW Connections to JCSD				3	6	6	6				21
Advanced Purified Water Conveyance				1	4	20	30	19			73
Early Design - Compliance for Recycled Water	3	10	10								23
Early Design - Compliance for Wastewater	5	14	12	15							45
Chino Basin Program*	8	24	22	80	88	169	161	138			688
RP-1 Thickening & Acid Phase Digesters	20	65	55	6							146
RP-1 Liquid Treatment Capacity Recovery					3	12	15	15	35	50	130
RP-5 Expansion Project	50	9	4								64
RP-5 O&M Building				3	20	20	5				48
RP-1 Solids Treatment Expansion	1	4	4	10	20	8					47
All Other Capital Improvement Projects	86	92	69	33	27	40	35	48	44	32	506
Fiscal Year Projection Total	164	194	154	131	158	250	217	201	79	82	1,629

*Chino Basin Program summarizes PUT Facilities only; TAKE Facilities not included.

Ten-Year Sewer Capital Forecast (TYSCF)

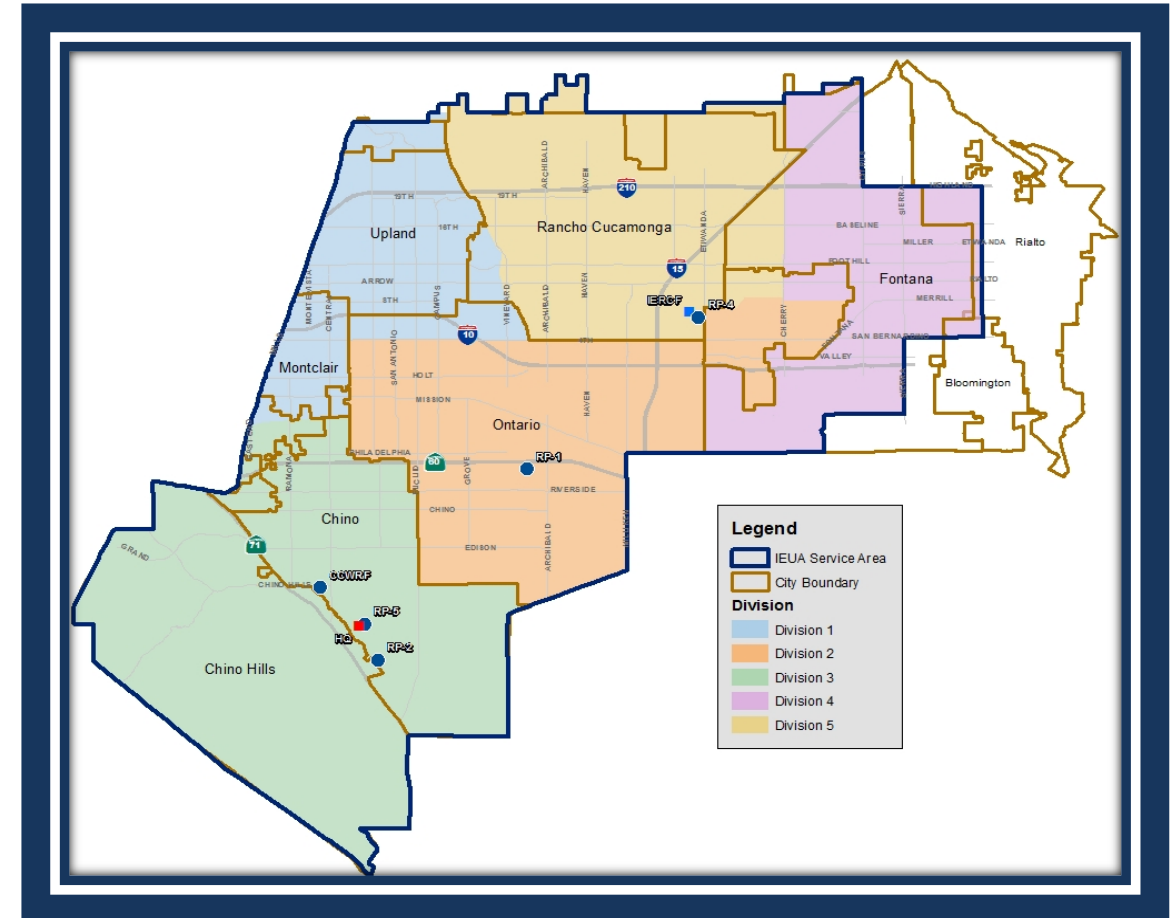
- Ensures compliance with Regional Sewage Service Contract and Ordinance No. 114
- Planning document
- Contains supplemental wastewater information



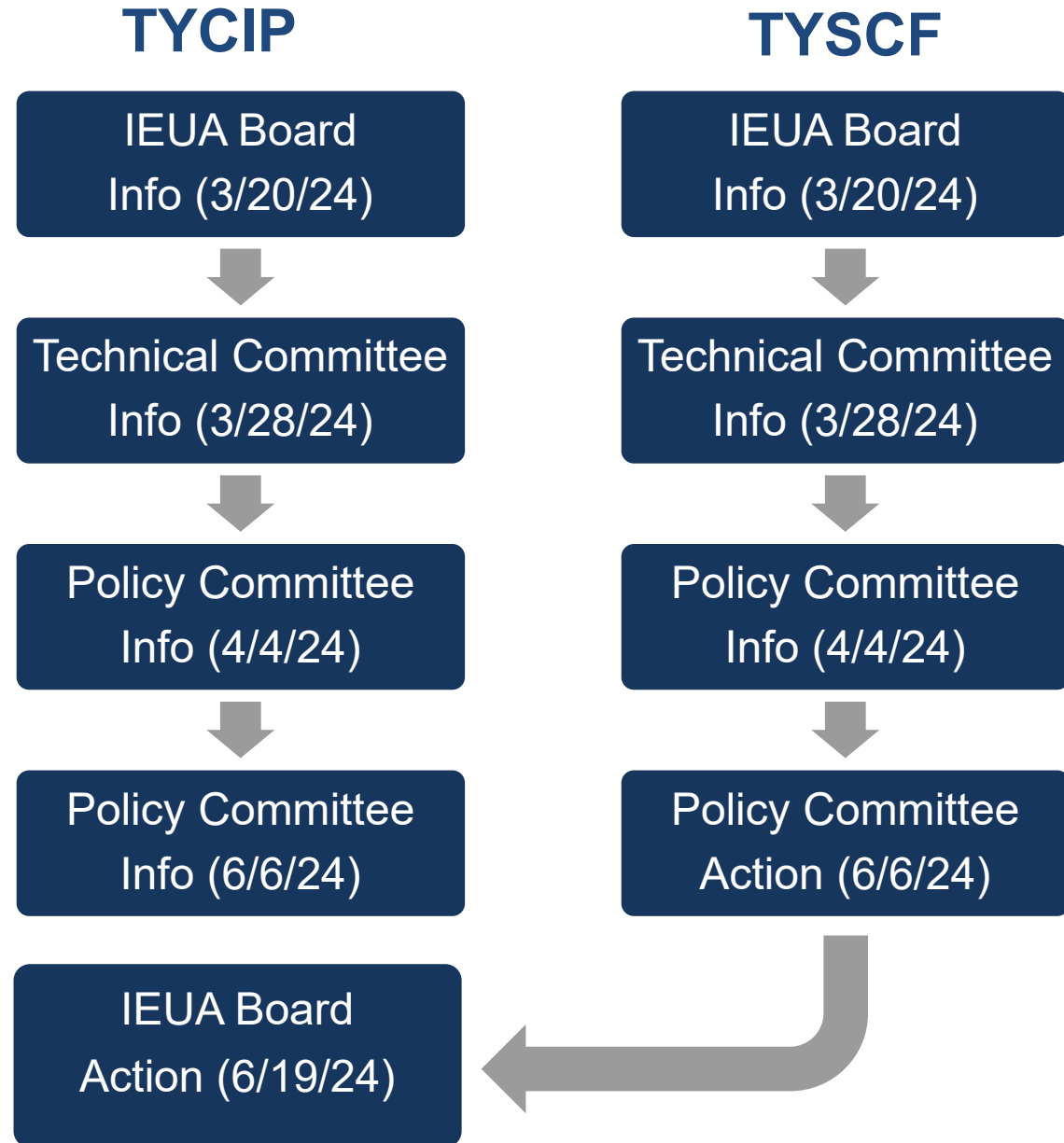
Wastewater Capital Spending Comparison

Regional Wastewater Programs:

- Adopted TYSCF for FY2023/24 through FY2032/33 is \$895.5 Million
- Proposed TYSCF for FY2024/25 through FY2033/34 is \$1,009.1 Million



Schedule



Questions?



Inland Empire Utilities Agency

A MUNICIPAL WATER DISTRICT



DRAFT

2025

IEUA's

Ten-Year Sewer

Capital Forecast

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ABBREVIATIONS

AF: Acre Feet

CCRA: Capital Capacity Reimbursement Account

CCWRF: Carbon Canyon Water Reclamation Facility

CVWD: Cucamonga Valley Water District

EDU: Equivalent Dwelling Unit

FY: Fiscal Year

IEUA: Inland Empire Utilities Agency

IERCF: Inland Empire Regional Composting Facility

MGD: Million Gallons per Day

MWD: Metropolitan Water District of Southern California

O&M: Operation and Maintenance

RC: Regional Wastewater Capital Improvement Fund

TYSCF: Ten-Year Sewer Capital Forecast

RP-1: Regional Water Recycling Plant 1

RP-2: Regional Water Recycling Plant 2

RP-4: Regional Water Recycling Plant 4

RP-5: Regional Water Recycling Plant 5

SCAs: Sewer Collection Agencies

WWFMPU: 2015 Wastewater Facilities Master Plan Update

SECTION 1: BACKGROUND

Inland Empire Utilities Agency Overview

The Inland Empire Utilities Agency (IEUA/Agency) is a regional wastewater treatment agency and wholesale distributor of imported water to approximately 935,000 people throughout western San Bernardino County. Under the leadership of a directly elected five-member Board of Directors, the Agency is committed to supporting the needs of its service area and safeguarding public health through significant investments in a diverse water supply portfolio, reliable municipal/industrial wastewater collection and treatment services, and other related utility services in a regionally planned and cost-effective manner.

As a member agency of the Metropolitan Water District of Southern California (Metropolitan), IEUA provides supplemental water supplies, primarily via the State Water Project (SWP) to the cities of Chino, Chino Hills, Fontana via Fontana Water Company and portions of West Valley Water District, Montclair via Monte Vista Water District, Ontario, Rancho Cucamonga via Cucamonga Valley Water District, and Upland (including San Antonio Water Company). IEUA also replenishes local groundwater supplies with captured rainwater and recycled water produced by IEUA that is later extracted by local water agencies for use as a drinking water supply.

Water recycling is a critical component of the water resources management strategy for IEUA and the Chino Basin. The Agency is responsible for treating 50 million gallons per day of wastewater, on average, received from seven sewerage agencies including the cities of Chino, Chino Hills, Fontana, Montclair, Ontario, and Upland, and the Cucamonga Valley Water District. This water is treated to Title 22 regulations set forth by the State Division of Drinking Water and distributed to its retailers for agriculture, municipal irrigation, industrial uses, and groundwater replenishment.

IEUA currently operates five regional wastewater treatment plants: RP-1 (Ontario), RP-2 – Solids (Chino), RP-4 (Rancho Cucamonga), Carbon Canyon Water Recycling Facility (Chino), and RP-5 (Chino).

In conjunction with these facilities, IEUA also maintains and operates:

- The Chino Desalter I (located in Chino) on behalf of the Chino Basin Desalter Authority, which uses reverse osmosis technology to remove salt and nitrates from groundwater pumped from 14 wells throughout the Chino Basin. It produces 10.9 MGD of high-quality drinking water, serving the water needs of approximately 35,000 people.
- The Inland Empire Regional Composting Facility (located in Rancho Cucamonga) on behalf of the Inland Empire Regional Composting Authority, which uses biosolids

from the wastewater treatment process to produce over 230,000 cubic yards of high-quality compost each year for local landscaping and horticultural use, marketed under the name SoilPro.

- 46 groundwater recharge basins across 19 recharge sites designed to hold stormwater run-off, imported water, and IEUA recycled water to replenish alluvial aquifers and groundwater supply. Through partnership with the Chino Basin Water Conservation District and the San Bernardino Flood Control District, IEUA's groundwater recharge framework enhances the current reliability of local supplies for a rapidly growing population and is an integral part of the Agency's local water supply planning efforts.

The Agency also prioritizes initiatives that enhance and preserve the quality of life throughout the region, which include investments in local water resources, conservation programs, and renewable energy sources. IEUA advocates for environmental stewardship and offers several free educational resources and outreach programs to inform students and the community on ecological preservation, water awareness, and sustainability.

Formation & Purpose

IEUA was originally formed as the Chino Basin Municipal Water District on June 6, 1950, as a municipal corporation with the mission to supply supplemental imported water purchased from the Metropolitan Water District of Southern California (MWD) to municipalities in the Chino Basin. Since then, IEUA has expanded its mission from a supplemental water supplier to include regional wastewater treatment with both domestic and industrial disposal systems along with energy production facilities. In addition, IEUA has become a major provider of recycled water, a supplier of biosolids/compost materials, and continues its leading role in water quality management and environmental protection in the Inland Empire.

Agency Vision

To become a world class leader in water management and environmental stewardship, including water quality, water-use efficiency, recycled water, and renewable energy, in order to enhance and preserve the quality of life throughout the region.

Mission Statement

Inland Empire Utilities Agency is committed to meeting the needs of the region by providing essential services in a regionally planned and cost-effective manner while safeguarding public health, promoting economic development, and protecting the environment. Key areas of service:

- Securing and supplying imported water;
- Collecting and treating wastewater;

- Producing high-quality renewable products such as recycled water, compost, and energy; and
- Promoting sustainable use of groundwater and development of local water supplies.

Agency Values

Leading the way. Planning for the future. Protecting the resources of the communities we serve. The Inland Empire Utilities Agency is committed to:

- Applying ethical, fiscally responsible, transparent and environmentally sustainable principles to all aspects of business and organizational conduct;
- Working with integrity as one team, while celebrating the region's diversity; and
- Staying in the forefront of the industry through education, innovation, efficiency, and creativity.

Governance

IEUA is a special district governed by five publicly elected Board of Directors. Each director is assigned to one of the five divisions which generally serve the following regions: Division 1- Upland/Montclair; Division 2- Ontario; Division 3- Chino/Chino Hills; Division 4- Fontana; and Division 5- Rancho Cucamonga. Monthly meetings are also held with the Regional Technical and Policy Committees comprised of representatives from each of IEUA's Regional Sewer Service Contracting Agencies. These Committees discuss and provide recommendations on various technical and policy issues affecting IEUA.

Sewage Collection Agencies

As a regional wastewater treatment agency, IEUA provides wastewater utility services to seven sewage collection agencies (SCAs) under the Chino Basin Regional Sewage Service Contract (Regional Contract) or Regional Sewage Service Ordinance No. 114: the cities of Chino, Chino Hills, Fontana, Montclair, Ontario, and Upland along with Cucamonga Valley Water District (CVWD). Figure 1 depicts boundaries within IEUA's service area.

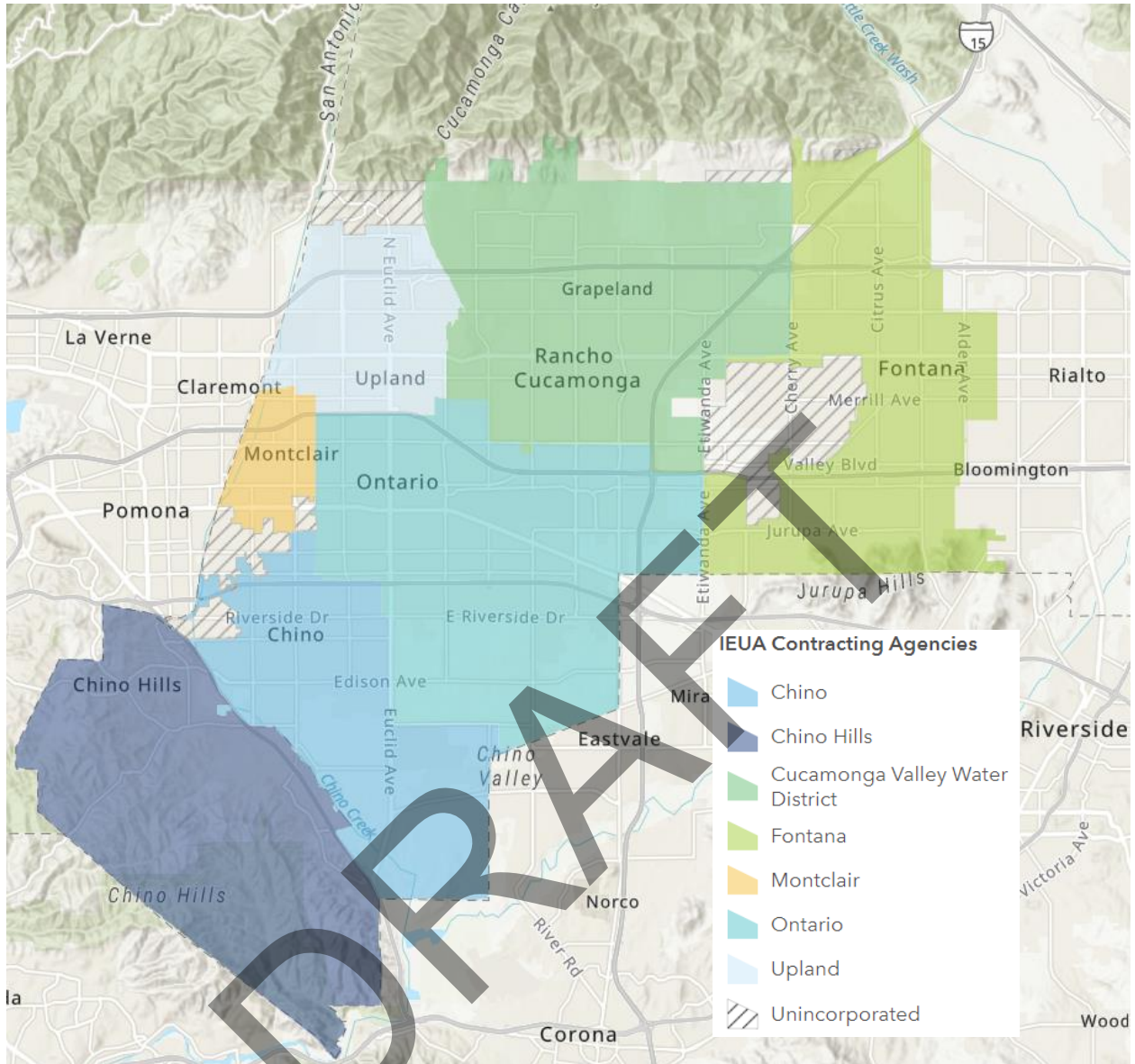


Figure 1 – IEUA Sewerage Collection Agencies

SECTION 2: INTRODUCTION TO THE TEN-YEAR SEWER CAPITAL FORECAST

Ten-Year Sewer Capital Forecast Purpose

The Board of Directors of the Inland Empire Utilities Agency adopts a Ten-Year Sewer Capital Forecast (TYSCF) based on the growth and regulatory requirements, existing asset management needs, and recommendations from the Regional Technical and Policy Committees, pursuant to the terms of the Regional Sewage Service Contract and Regional Sewage Service Ordinance No.114. The purpose of the TYSCF is to catalog and schedule capital improvement projects necessary to enable the regional wastewater system to meet forecasted demands for all the Sewage Collection Agencies (SCAs) over a multi-year period. Pursuant to Section 9 of the Regional Contract, IEUA submits a TYSCF of capacity demands and capital projects to the Regional Technical and Policy Committees. This TYSCF identifies projects for the Fiscal Year (FY) 2024/2025 through FY 2033/2034.

Projects identified in the TYSCF are important to ensure regional reliability and safety while meeting all regulatory requirements based on the physical conditions of assets and the forecasted regional projection of wastewater needs. According to these projections, the TYSCF proposes a schedule for implementing projects based on necessity. The timing of the projects identified in the TYSCF are further refined during the Capital Budget process, based on the availability of financial resources.

Definition of a Capital Project

The TYSCF is composed of a list of capital projects, which are projects that involve the purchase, improvement, or construction of major fixed assets, such as the expansion of treatment plants, the construction of pipeline and pump stations, and the replacement of equipment. Capital projects do not include funds spent on standard operation and maintenance (O&M).

Regional Sewage Service Contract Requirements and Plan Adoption

The Regional Sewage Service Contract is the guiding document that defines the terms of the services and facilities in IEUA's regional wastewater system. The Regional Contract was originally signed in January 1973, amended in 1984 and 1994, and was due for renewal in January 2023, 50 years after it was originally executed. Currently, three SCAs are under Regional Sewage Service Ordinance 114 (The Cities of Chino, Ontario, and Montclair) and four SCAs are under the Regional Contract (The Cities of Chino Hills, Upland, CVWD, and Fontana).

As required by the Regional Contract, the TYSCF includes wastewater flow forecasts, a description of planned capital projects, capital project expenditures, plant capacities, and

available funding of the Regional Wastewater Capital Improvement (RC) fund. After detailed review, comments, and recommendations from the Regional Technical and Policy Committees and the Agency's Board of Directors, the TYSCF is adopted.

DRAFT

SECTION 3: REGIONAL WATER RECYCLING INFRASTRUCTURE

Regional Wastewater Recycling Plants

The Agency has four regional water recycling plants which produce recycled water from treated wastewater. Recycled water from all four plants meets Title 22 standards and it is used for agriculture, landscaping, industrial processing, and groundwater recharge. The four regional facilities are: Regional Water Recycling Plant No.1 (RP-1), Regional Water Recycling Plant No.4 (RP-4), Regional Water Recycling Plant No.5 (RP-5), and Carbon Canyon Wastewater Recycling Facility (CCWRF). The forementioned plants have primary, secondary, and tertiary treatment and recycled water pumping facilities that are interconnected in a regional network. Agency staff use wastewater bypass and diversion facilities, such as the San Bernardino Lift Station, Montclair Diversion Structure, Etiwanda Trunk Line, and Carbon Canyon bypass, to optimize IEUA's flows and capacity utilization. In general, flows are routed between regional plants to maximize recycled water deliveries while minimizing overall pumping and treatment costs. IEUA also has three facilities where the biosolids are processed: RP-1, Regional Water Recycling Plant No.2 (RP-2), and the Inland Empire Regional Composting Facility (IERCF). RP-1 processes biosolids generated within the regional plant, as well as biosolids generated at RP-4, and RP-5 and CCWRF biosolids are processed at RP-2. All biosolids are dewatered and trucked to IERCF for further treatment.

Regional Wastewater System

The regional pipeline system that connects the plants can be used to send sewer flow from one water recycling plant to another to balance and optimize the use of treatment capacity. Currently, the regional interceptors can send partially treated flows from RP-4 to RP-1 and RP-2 to RP-5 and raw influent from CCWRF to RP-5. In addition, primary effluent can be sent from the RP-1 equalization basins to RP-5.

IEUA also has four regional wastewater lift stations. These are used to shift flows that would naturally flow from one portion of the service area to a different treatment plant. This balancing of flows keeps water in the northern portion of the service area, maximizing potential recycled water use. Figure 2 illustrates the regional wastewater network that connects the treatment plants. The lift stations are:

- Montclair Lift Station – pumps wastewater from portions of Montclair, Upland, and Chino to RP-1.
- Preserve Lift Station – pumps wastewater from the Prado Regional Park and the Preserve community in the City of Chino to RP-5.
- RP-2 Lift Station – pumps wastewater from the southeastern portions of the cities of Chino and Chino Hills and the solids treatment side streams from RP-2 to RP-5.
- San Bernardino Avenue Pump Station – pumps a portion of the flow from the City of

Fontana to RP-4.

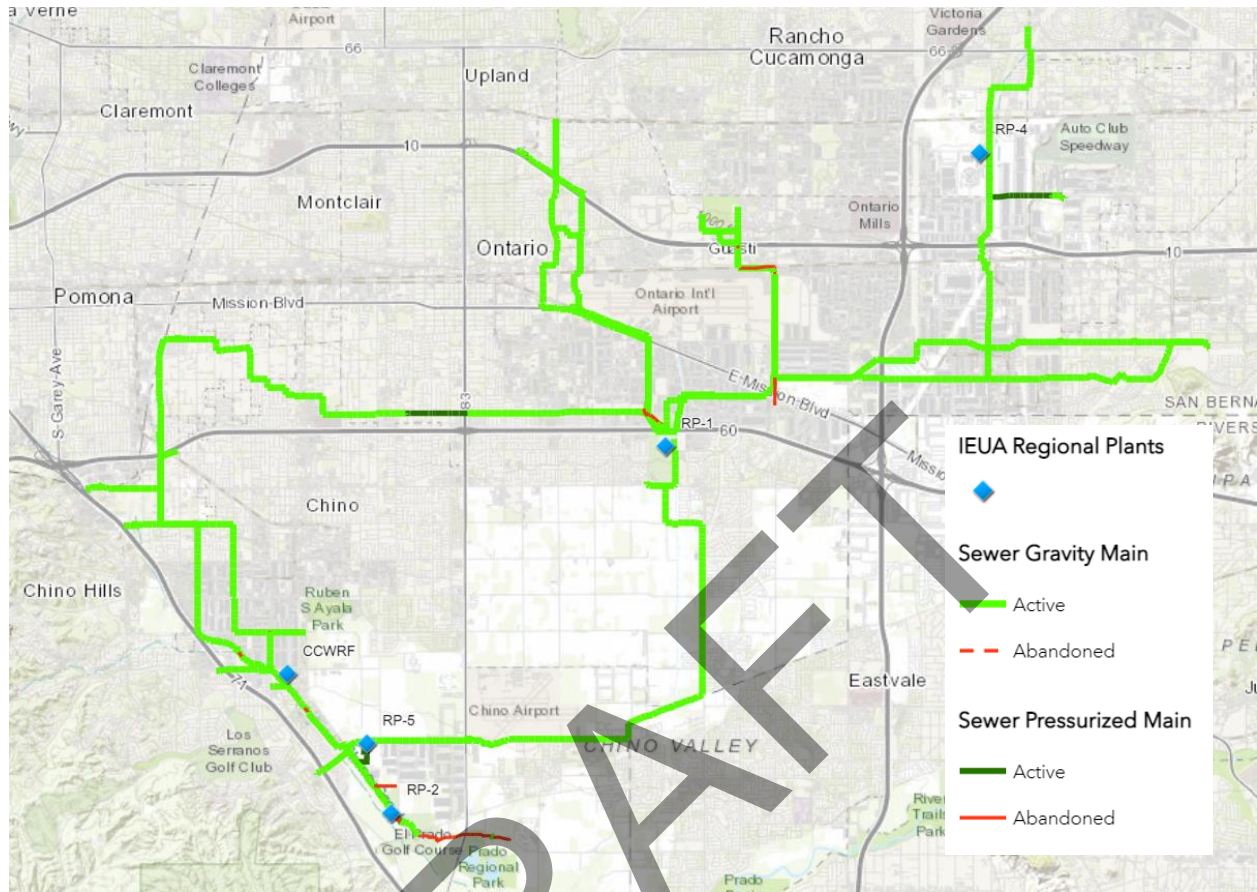


Figure 2 – IEUA Regional Wastewater System

Carbon Canyon Water Reclamation Facility

CCWRF is in the City of Chino and has been in operation since May 1992. The CCWRF works in tandem with RP-2 and RP-5 to serve the areas of Chino, Chino Hills, Montclair, and Upland. Wastewater is treated at CCWRF while the biosolids removed from the wastewater flow are pumped to RP-2 for processing. The CCWRF is designed to treat an annual average flow of 12 MGD and treats approximately 8.2 MGD.

Regional Water Recycling Plant No. 1

RP-1 is in the City of Ontario near the intersection of Highway 60 and Archibald Avenue. This facility was originally commissioned in 1948 and has undergone several expansions to increase the design wastewater treatment hydraulic capacity to approximately 44 MGD, based on the wastewater characteristics at the time of the expansions. However, the current design wastewater liquids treatment loading capacity is 32 MGD. A flow and loading study of the Regional Sewer System will be completed in 2024 to provide insight into projected wastewater flows and loading characteristics from current to build-out. RP-1 solids

treatment process includes gravity thickening and dissolved air floatation thickening, anaerobic digestion for stabilization, and dewatering by either centrifuge. RP-1 serves the areas of Ontario, Upland, Fontana, Chino, Montclair, and Rancho Cucamonga, and currently treats approximately 26.5 MGD. A future project, RP-1 Liquids Treatment Recovery, is anticipated to start FY 28/29, pending the 2024 Flow & Loading Study, this project may be pushed out beyond the current TYCIP; the project will recover liquids treatment capacity to 40 MGD. The RP-1 Solids Thickening & Acid Phase Digesters project will replace the gravity thickener and dissolved air floatation thickeners that are beyond their useful life; the project's substantial completion is anticipated to be June 30, 2027.

Regional Water Recycling Plant No. 2

RP-2 in the City of Chino has been in operation since 1960. RP-2 was both a liquid and solid treatment facility until 2004, when RP-5 was constructed to handle the liquids portion. Since then, RP-2 treats only the biosolids from CCWRF and RP-5. RP-2 treatment processes include gravity thickening and DAF thickening, anaerobic digestion for stabilization, and dewatering by either belt press or centrifuge.

Once the solids are dewatered, they are transported to the IERCF. RP-2 is located on land leased from the US Army Corps of Engineers and the lease is due to expire in 2035. RP-2 is also located within the recently redefined flood zone behind Prado Dam. Orange County Flood Control District and the Army Corps have plans to raise the maximum operational water level behind the dam to allow greater water storage and conservation. Since RP-2 does not have physical flood protection, IEUA will relocate the solids handling from RP-2 to RP-5. The relocation of solids handling is expected to be substantially completed by July 2026.

Regional Water Recycling Plant No. 4

RP-4 is in Rancho Cucamonga and has been in operation treating wastewater and producing recycled water since 1997. The RP-4 facility capacity was doubled in 2009 from 7 MGD to 14 MGD. Waste sludge generated at RP-4 is discharged back to the sewer and flows by gravity to RP-1. RP-4 serves areas of Fontana and Rancho Cucamonga, treating approximately 8.8 MGD.

Regional Water Recycling Plant No. 5

RP-5 is located immediately east of the Agency's Administrative Headquarters campus in the City of Chino and began operation in March 2004. It has a capacity rating of 16.3 MGD, which includes capacity for approximately 15 MGD of raw wastewater and 1.3 MGD of solids processing return or recycled flows from RP-2. Waste sludge produced at RP-5 is pumped to the RP-2 solids handling facility, which will be relocated to RP-5 around 2025. RP-5 serves areas of Chino, Chino Hills, and Ontario, treating approximately 11.4 MGD.

The RP-5 Solids Handling Facility (RP-5 SHF) was operated by IEUA from 2001 to 2009 as a

regional facility accepting dairy manure for recycling and generating biogas. In 2010, IEUA entered into a lease agreement with Environ Strategies (now Inland BioEnergy) and in 2012, they began utilizing the facility for digestion of primarily food wastes with minor amounts of dairy manure. RP-5 SHF can process 705 wet tons/day of food and dairy waste through an anaerobic digestion process and can generate electricity from the biogas produced. As of August 2017, Inland BioEnergy stopped regular Operations of the facility. Due to the regional benefits of such a waste handling facility and the reduced energy costs, the Agency is exploring lease opportunities for future use of the RP-5 SHF. The RP-5 Liquids Expansion to 30 MGD and Biosolids Facility will be substantially completed by June 30, 2026. At which point all biosolids generated at RP-5 and solids generated at CCWRF will be processed at RP-5.

Regional Wastewater Recycling Plant Capacity

The regional wastewater recycling plants utilized capacity is calculated based on a 12-month average of influent flows measured in million gallons per day (MGD) as seen in Table 1.

Table 1 - Regional Plant Capacity Utilization (MGD)				
Regional Plant	Total Capacity	Average FY 22/23 Used Capacity	Capacity Remaining	Scheduled Expansions
CCWRF	12.0	8.0	4.0	N/A
RP-1	32.0*	26.2	5.8	+8.0
RP-2**	N/A	N/A	N/A	N/A
RP-4	14.0	8.8	5.2	N/A
RP-5	16.3	8.7	7.6	+6.2
Total Influent	74.3	51.7	22.6	+14.2

*RP-1 total hydraulic capacity without loading treatment limitations is 44 MGD

**RP-2 liquid treatment facilities have been relocated to RP-5

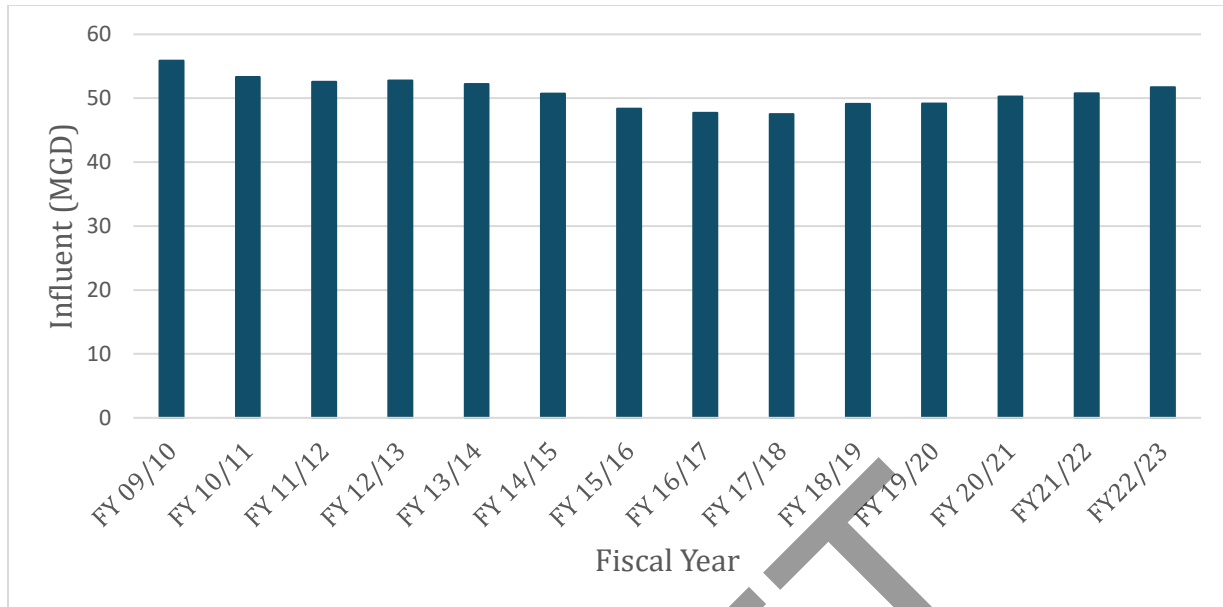


Figure 3 – Historical Regional Influent Flows

Capacity Expansion

Wastewater flow forecasts are conducted annually and are based on four main components: (1) historical wastewater flow trends; (2) per dwelling unit wastewater generation factors, based on the 2015 Wastewater Facilities Master Plan Update (WWFMPU) projections; (3) actual influent flows measured at the treatment plants; and (4) expected future growth numbers provided by the SCAs. These projections are used to determine future demands on the Agency's facilities and help anticipate the need for modifications to treatment plants and solids handling facilities.

The WWFMPU identified the projected flows to the treatment plants in 2035 through 2060. The WWFMPU estimates that there will be a regional flow of 73.5 MGD by 2035 and an ultimate/build-out flow of 80 MGD by 2060. Capacity projects to address increasing demands within the 10-year window include expansions at RP-5, the relocation of RP-2 solids handling to RP-5, and the beginning of the RP-1 liquid capacity recovery and solids treatment expansion.

The expansion at RP-5 set for completion in 2025 will increase the plant capacity to 22.5 MGD, up 6.2 MGD from its current capacity of 16.3 MGD.

The RP-1 Liquid Treatment Recovery project is set to recover 8 MGD of capacity lost due to system loading. While RP-1 has a hydraulic capacity of 44 MGD, only 32 MGD of capacity is usable due to loading treatment constraints. After the recovery project is completed, the total usable capacity will be increased to 40 MGD, still 4 MGD below the plant's hydraulic capacity.

System Loading

Over the past decade the IEUA service area has experienced an increase in indoor water use efficiency as a direct result of drought, shifting public policy, more efficient building and plumbing codes, and effective conservation program campaigns. This increased efficiency has decreased the total influent volume of wastewater flows received by IEUA treatment plants by approximately 10% since 2010. While the flows have decreased, the regional population has continued to grow. The combination of an increased population but reduced wastewater flow has resulted in an increase in the strength of the wastewater coming into IEUA's treatment facilities. This trend of increased wastewater strength is expected to continue as both the population and regional water efficiency continue to increase. Current and future wastewater treatment plant expansions are largely driven by the increased strength of wastewater flows to the facilities, rather than the volume of flows to the facilities.

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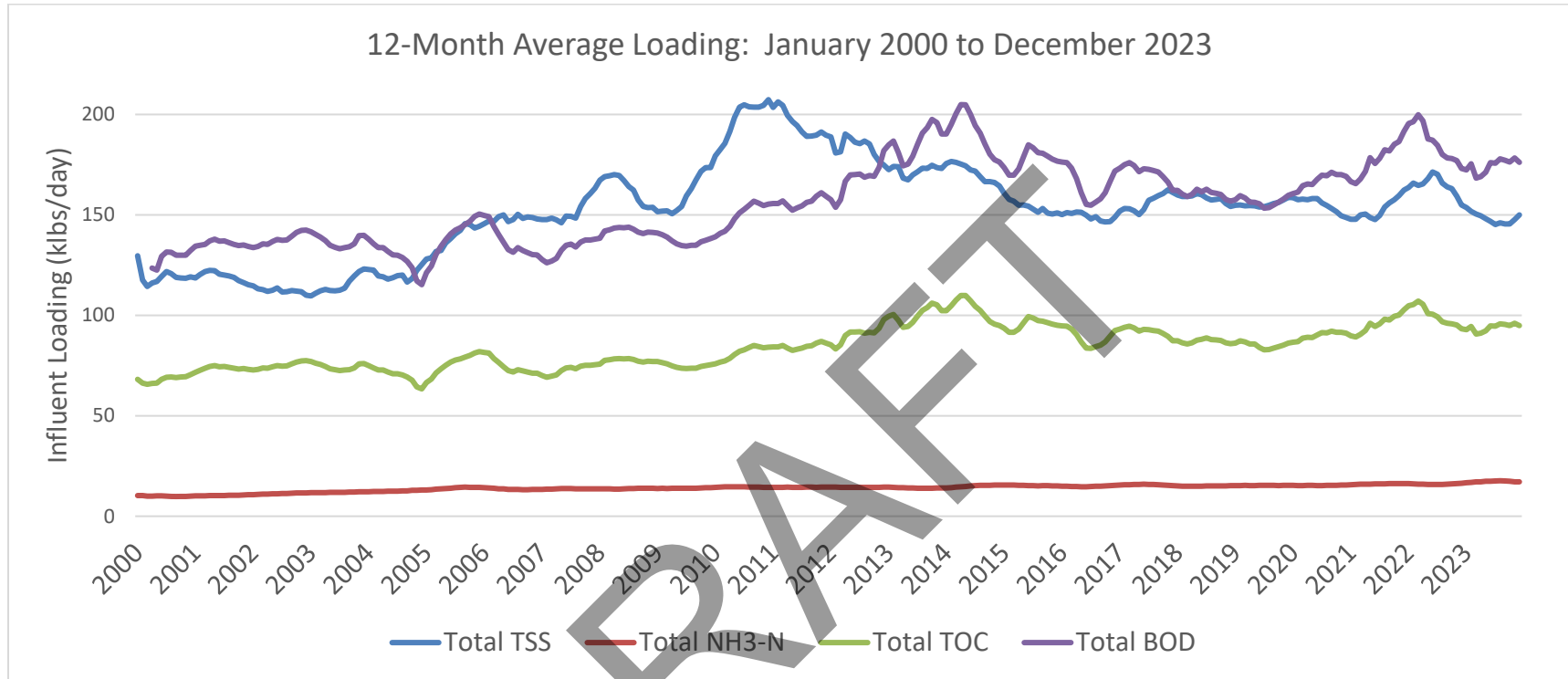


Figure 4 - Influent Loading (12-Month Average): January 2000 - December 2023

SECTION 4: EQUIVALENT DWELLING UNITS

One equivalent dwelling unit (EDU) is an approximate measure of the daily wastewater flow in quantity and strength of an average single-family household as determined in Exhibit “J” of the Regional Contract. This unit of measurement enables IEUA and the SCAs to uniformly track past and projected connections to the regional wastewater system.

Historical EDU Activity

EDU activity has decreased from FY 21/22 to FY 22/23 with the addition of 3,494 EDUs to the region compared to the addition of 5,104 EDUs the previous fiscal year. The additional EDUs added in FY 22/23 are 4,565 EDUs lower than the SCAs projections of 8,059 EDUs and 506 EDUs less than the IEUA Budgeted Projections of 4,000 EDUs. Two sets of projections exist to allow for conservative estimates. The SCAs’ projections are required under the Regional Contract and Regional Sewage Service Ordinance No.114 and serve as a planning tool for plant treatment capacity and loading. Under the Regional Contract and Regional Sewage Service Ordinance, SCAs who report EDU projections that are lower than what the region experiences may have building moratoriums imposed. For this reason, the SCAs may make projections conservatively high. Budgeted projections are used by IEUA to project future wastewater treatment needs and fund availability. To ensure adequate fund availability, budgeted projections are conservatively low. The result of both sets of projections is the assumption that projections are conservative, ensuring the regional plants can safely and effectively treat the additional wastewater while also ensuring the agency does not over-project fund availability. Table 2 outlines the building activity in the region along with both sets of EDU projections.

Year	Building Activity (EDUs)	Budgeted Projections (EDUs)	SCAs Projections (EDUs)
FY 17/18	5223	4,000	5,442
FY 18/19	3459	4,000	6,149
FY19/20	3489	4,000	6,390
FY 20/21	5287	4,000	9,013
FY 21/22	5104	4,000	9,144
FY 22/23	3494	4,000	8,059

Projected EDU Activity

In accordance with the Regional Contract and Regional Sewage Service Ordinance No.114, the SCAs completed a survey of their 10-year capacity demand forecast. The results of the 10-year capacity demand forecast survey are summarized in Table 3. For FY 2023/24, the forecasted activity was 7,778 additional EDUs. Over the next ten years, activity was projected to total 60,272 EDUs added region wide. Approximately 69% of this projected activity is a result of new development in the service areas of Ontario and Fontana. Over the next ten years, building activity is projected to be approximately 79% residential and 21% commercial/industrial. Figure 5 highlights the breakdown between residential and commercial/industrial projected EDUs.

Fiscal Year	Chino EDUs	Chino Hills EDUs	CVWD EDUs	Fontana EDUs	Montclair* EDUs	Ontario EDUs	Upland EDUs	Total EDUs
FY 23/24	404	356	2,000	1,186	338	3,382	112	7,778
FY 24/25	668	559	2025	1,297	638	3,382	214	8,783
FY 25/26	663	672	890	1,384	308	3,382	337	7,636
FY 26/27	400	740	490	1,479	34	2,660	318	6,121
FY 27/28	286	242	950	1,479	34	2,520	346	5,857
FY 28/29	286	61	490	1,479	34	2,410	205	4,965
FY 29/30	286	33	490	1,479	34	2,410	75	4,807
FY 30/31	286	5	490	1,479	34	2,410	75	4,779
FY 31/32	286	0	490	1,479	34	2,410	75	4,774
FY 32/33	286	0	490	1,479	34	2,410	75	4,774
TOTAL	3,851	2,668	8,805	14,218	1,522	27,376	1,832	60,272

*The Cities of Chino and Chino Hills forecasts have been extended from last Fiscal Year, as a completed 2023 10-year capacity demand forecast was not completed.

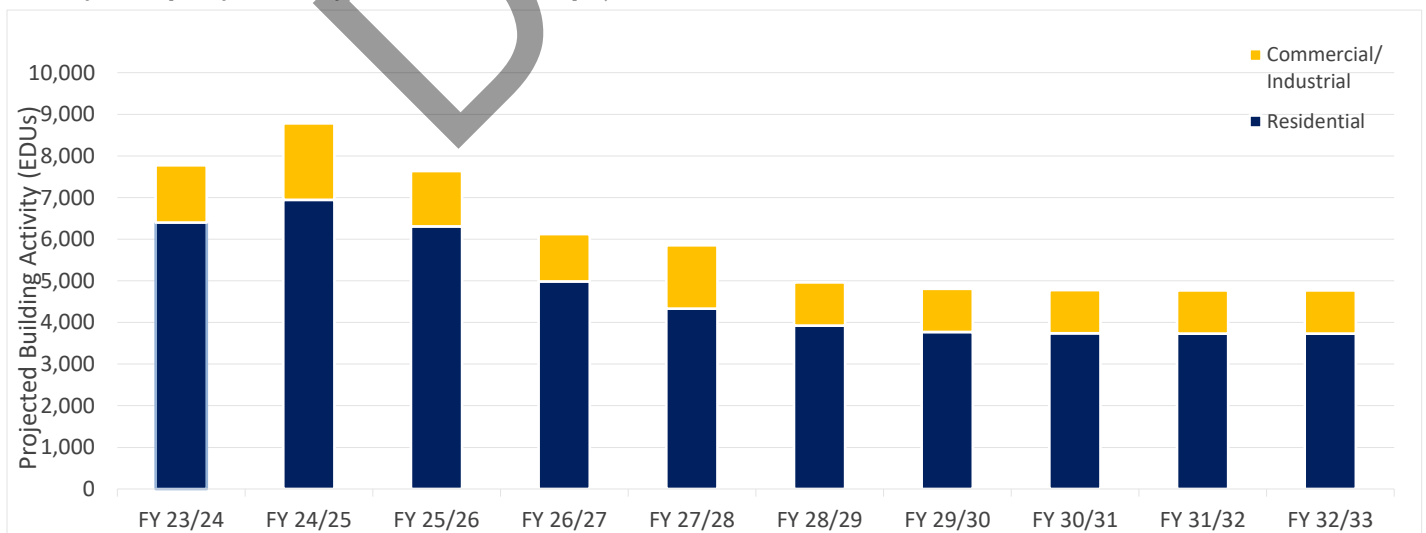


Figure 5 – FY 23/24 10-Year Growth Forecast

Estimated CCRA account contributions in 2024 dollars are calculated by taking the SCAs EDU projections and multiplying them by the current adopted EDU rate of \$8,620. Projected CCRA contributions are estimated at roughly \$67 million at the start of the ten-year period and steadily dropping year after year to around \$41 million.

Capital Capacity Reimbursement Accounts

IEUA levies a fee on all new connections to its regional wastewater system. Connection fees are restricted to finance capital acquisition, construction, equipment, and process improvement costs for the IEUA’s regional wastewater system. Pursuant to the Regional Contract and Regional Sewage Service Ordinance, new EDU connection fees are collected by each of IEUA’s SCAs and held in trust in a Capital Capacity Reimbursement Account (CCRA) until requested, or “called”, by IEUA. Capital calls, or connection fee payments of CCRA funds, are based on the identified and projected capital needs of IEUA over the ensuing nine months, as calculated and reported by IEUA each quarter. Connection fee rates were evaluated as part of IEUA’s FY 2019/2020 Rate Study. Capital calls are calculated based on the proportionate share of each Contracting Agency’s CCRA account balance relative to the aggregate amount. The current balance of the CCRA accounts can be found in Table 4 below.

Regional Contracting Agency	CCRA Balance
City of Chino	\$14,426,451.55
City of Chino Hills	\$3,454,377.91
Cucamonga Valley Water District	\$14,664,298.42
City of Fontana	\$24,168,429.85
City of Montclair	\$5,084,427.86
City of Ontario	\$40,977,538.74
City of Upland	\$4,938,855.17
Total	\$107,714,379.50

SECTION 5: WASTEWATER CAPITAL IMPROVEMENT PROJECTS

Regional Wastewater Capital Improvement Fund

The TYSCF evaluates capital improvement projects necessary to meet wastewater forecasted demands. IEUA categorizes these projects into the Regional Wastewater Capital Improvement (RC) Fund. Expenses charged to the RC Fund include capital projects that are required to meet regional growth in the forms of flow, loading, capacity, or other factors. The RC Fund's primary sources of revenue include new EDU connection fees and property taxes but also include debt proceeds, loans, and grants. An estimated breakdown of the RC founding sources over the next 10-years can be found in Appendix B.

Ten-Year Sewer Capital Forecast Project List

The TYSCF contains projects which were identified by IEUA staff and include expansion projects to provide additional treatment capacity to meet future growth. Drivers used to determine the timeframe and necessity of projects include regulatory and permitting requirements, wastewater flow projections, asset age, performance, efficiency, and grant or funding availability. Total wastewater capital spending over the next ten-years is projected to be \$1,009,138,161. The TYSCF project list represents IEUA's capital projects forecast based on existing planning documents and anticipated funding sources. The full list of TYSCF projects can be found in Appendix A.

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APPENDIX A: TEN-YEAR SEWER CAPITAL FORECAST PROJECT LIST

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Project Number	Project Name	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	FY 33/34	Total TYCIP FY 2025-2034	Total Project Budget
RC - Regional Wastewater Capital Improvement Fund													
EN11039	RP-1 Disinfection Pump Improvements	\$ 455,000										\$ 455,000	\$ 12,997,043
EN17006	CCWRF Asset Management and Improvements	\$ 12,975,000	\$ 900,000									\$ 13,875,000	\$ 31,750,000
EN19001	RP-5 Expansion to 30 mgd	\$ 36,000,000	\$ 7,000,000	\$ 2,000,000								\$ 45,000,000	\$ 245,030,000
EN19006	RP-5 Biosolids Facility	\$ 14,000,000	\$ 2,000,000	\$ 2,000,000								\$ 18,000,000	\$ 212,851,000
EN19025	Regional Force Main Improvements	\$ 500,000										\$ 500,000	\$ 5,727,327
EN21045	Montclair Force Main Improvements	\$ 2,000,000	\$ 3,800,000									\$ 5,800,000	\$ 8,714,434
EN22006	RC Asset Management						\$ 8,000,000	\$ 8,000,000	\$ 8,000,000	\$ 8,000,000	\$ 8,000,000	\$ 40,000,000	\$ 66,900,000
EN22022	RP-1 Air Compressor Upgrades	\$ 2,000,000	\$ 2,200,000									\$ 4,200,000	\$ 6,927,944
EN22039	RP-4 SCADA Performance Improvement	\$ 300,000	\$ 350,000	\$ 270,000								\$ 920,000	\$ 1,012,000
EN22044	RP-1 Thickening Building & Acid Phase Di	\$ 20,000,000	\$ 65,000,000	\$ 55,000,000	\$ 5,500,000							\$ 145,500,000	\$ 160,565,672
EN23025	Agency Power Monitoring		\$ 499,457									\$ 499,457	\$ 530,000
EN24001	RP-1 Liquid Treatment Capacity Recovery					\$ 3,000,000	\$ 12,000,000	\$ 15,000,000	\$ 15,000,000	\$ 35,000,000	\$ 50,000,000	\$ 130,000,000	\$ 182,050,000
EN24002	RP-1 Solids Treatment Expansion	\$ 500,000	\$ 4,000,000	\$ 4,000,000	\$ 10,000,000	\$ 20,000,000	\$ 8,249,000					\$ 46,749,000	\$ 48,050,000
EN24022	IEUA SCADA Master Plan	\$ 750,000										\$ 750,000	\$ 750,000
EN24027	Fall Protection and Prevention Solutions at specified wastewater locations	\$ 996,000	\$ 2,000,000	\$ 2,000,000	\$ 2,000,000	\$ 500,000						\$ 7,496,000	\$ 9,600,000
EN24028	RP-1 Utility Water Piping Asset Management Phase I		\$ 120,000	\$ 1,500,000	\$ 700,000							\$ 2,320,000	\$ 2,500,000
EN24030	Headquarter B additional Office Space	\$ 27,500										\$ 27,500	\$ 300,000
EN24031	RP-4 Manhole Surcharge Remediation	\$ 600,000										\$ 600,000	\$ 800,000
EN28002	RP-1 Centrate Treatment				\$ 1,600,000	\$ 3,300,000	\$ 3,300,000					\$ 8,200,000	\$ 8,200,000
IS22006	SCADA Network Infrastructure Replacement	\$ 300,000	\$ 308,000	\$ 333,900	\$ 361,900	\$ 392,147	\$ 424,798	\$ 460,062	\$ 498,147	\$ 539,129		\$ 3,618,083	\$ 4,301,000
PL17002	HQ Solar Photovoltaic Power Plants Ph. 2			\$ 300,000	\$ 1,100,000							\$ 1,400,000	\$ 1,400,000
PL19001	Purchase Existing Solar Installation			\$ 3,500,000								\$ 3,500,000	\$ 7,500,000
ENXXXX	Collection System Upgrades FY 24/25	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 5,000,000	\$ 5,000,000
ENXXXX	Regional Capital PDR FY 24/25	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 3,000,000	\$ 3,000,000
ENXXXX	Chino Interceptor Diversion Pipe Repair			\$ 500,000	\$ 2,100,000	\$ 500,000						\$ 3,100,000	\$ 3,100,000
ENXXXX	Cucamonga Interceptor Pipe Repair				\$ 400,000	\$ 750,000						\$ 1,150,000	\$ 1,150,000
ENXXXX	Freeway Trunk Pipe Repair							\$ 1,000,000	\$ 4,000,000	\$ 4,000,000	\$ 4,000,000	\$ 13,000,000	\$ 13,000,000
ENXXXX	Regional System Siphon Barrel Gate Improvements		\$ 325,000	\$ 610,000								\$ 935,000	\$ 935,000
ENXXXX	Riverside Drive Trunk Pipe Repair							\$ 1,000,000	\$ 1,850,000	\$ 1,400,000		\$ 4,250,000	\$ 4,250,000
Total		\$ 92,203,500	\$ 89,302,457	\$ 72,813,900	\$ 24,561,900	\$ 29,242,147	\$ 32,773,798	\$ 26,260,062	\$ 30,148,147	\$ 49,739,129	\$ 62,800,000	\$ 509,845,040	\$ 1,048,891,420
RO - Regional Wastewater Operations and Maintenance Fund													
AM23001	Old VFD Replacement (Wastewater)	\$ 1,100,000										\$ 1,100,000	\$ 4,800,000
AMXXXX	Agency Wide Air Relief Valves	\$ 300,000										\$ 300,000	\$ 300,000
AMXXXX	Agency Wide Remote Vibration Project	\$ 200,000	\$ 150,000	\$ 150,000								\$ 500,000	\$ 500,000
AMXXXX	Asset Management Software	\$ 200,000	\$ 500,000	\$ 50,000								\$ 750,000	\$ 750,000
AMXXXX	Regional Operation Asset Management						\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 5,000,000	\$ 5,000,000
EN13016	SCADA Enterprise System	\$ 6,295,000	\$ 6,000,000									\$ 12,295,000	\$ 38,000,000
EN17042	Digester 6 and 7 Roof Repairs	\$ 2,200,000										\$ 2,200,000	\$ 12,450,161
EN18025	RP-1 Secondary System Rehabilitation	\$ 500,000	\$ 2,000,000	\$ 7,000,000	\$ 2,000,000							\$ 11,500,000	\$ 11,500,000
EN19009	RP-1 Energy Recovery	\$ 1,000,000	\$ 500,000									\$ 1,500,000	\$ 4,325,000
EN20044	RP-1 Plant 3 Primary Cover Replacement		\$ 400,000									\$ 400,000	\$ 600,000
EN20045	RP-1 TP-1 Level Sensor Replacement		\$ 500,000									\$ 500,000	\$ 543,521
EN20051	RP-1 MCB and Old Lab Building Rehab	\$ 905,000	\$ 860,000									\$ 1,765,000	\$ 2,546,161
EN20057	RP-4 Process Improvements Phase II	\$ 4,000,000	\$ 4,300,000	\$ 1,000,000								\$ 9,300,000	\$ 10,353,000
EN21053	RP-1 Old Effluent Structure Rehabilitati	\$ 450,000	\$ 1,450,000									\$ 1,900,000	\$ 2,589,450
EN21056	RP-1 Evaporative Cooling for Aeration Bl	\$ 1,311,000										\$ 1,311,000	\$ 1,871,732
EN22025	RP-1 Dump Station						\$ 750,000	\$ 1,100,000				\$ 1,850,000	\$ 2,121,100
EN22027	RP-1 Repurpose Lab	\$ 1,000,000	\$ 754,000									\$ 1,754,000	\$ 2,622,730
EN22031	RP-1 Intermediate Pump Station Electrica	\$ 500,000	\$ 3,000,000	\$ 3,000,000								\$ 6,500,000	\$ 9,237,147
EN23000	RP1 Device Net Replacement	\$ 1,000,000	\$ 1,000,000									\$ 2,000,000	\$ 4,246,416
EN23004	CCWRF Aeration Basins 1-6 Drain Valves		\$ 250,000	\$ 600,000	\$ 185,000							\$ 1,035,000	\$ 1,500,000
EN23024	RP-1 TP-1 Stormwater Drainage Upgrades	\$ 57,000	\$ 300,000	\$ 904,500	\$ 6,416							\$ 1,267,916	\$ 1,394,353
EN23036	San Bernardino Ave LS Reliability Improv	\$ 1,000,000	\$ 1,800,000									\$ 2,800,000	\$ 3,259,752
EN23111	RP1 Headworks Bar Screen System Improvem	\$ 300,000										\$ 300,000	\$ 3,900,000
EN23114	RP1 Instrumentation and Control Enhancem		\$ 200,000	\$ 1,000,000								\$ 1,200,000	\$ 1,350,000
EN24020	RP-1 Dewatering Centrate Pumps	\$ 1,550,000										\$ 1,550,000	\$ 2,894,353
EN24023	RP3 Regional Sewer Diversion Structure Rehab	\$ 635,000										\$ 635,000	\$ 835,000
EN24025	REEP Return to Service Capital	\$ 1,800,000	\$ 1,800,000									\$ 3,600,000	\$ 7,215,000
EN24029	RP-1 Tertiary Asset Manager Phase I		\$ 500,000	\$ 2,500,000	\$ 989,000							\$ 3,989,000	\$ 4,000,000
EN24032	RP-1 Primary Clarifier #1 and #10 Rehabilitation	\$ 1,210,000	\$ 1,000,000									\$ 2,210,000	\$ 2,700,000
EN24033	Annular Seals			\$ 1,000,000								\$ 1,000,000	\$ 1,380,000
EN24059	Chino Hills Trunk-014 Sewer Siphon CIPP Repair	\$ 892,980	\$ 150,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,042,980	\$ 1,043,000
EN25002	SSI Aeration Disk Replacement		\$ 100,000	\$ 550,000	\$ 200,000	\$ 1,200,000		\$ 250,000	\$ 1,200,000		\$ -	\$ 3,500,000	\$ 3,500,000
EN25006	CCWRF Primary Clarifier Coating	\$ 140,000	\$ 1,260,000									\$ 1,400,000	\$ 1,400,000

Project Number	Project Name	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	FY 33/34	Total TYCIP FY 2025-2034	Total Project Budget
EN25020	RP-1 Digester Cleaning Lagoon (DCL) Lini								\$ 100,000	\$ 600,000		\$ 700,000	\$ 700,000
EN27001	RP-1 Equalization Basin #1 Access Ramp					\$ 35,000	\$ 106,500	\$ 300,000				\$ 441,500	\$ 441,500
EN29003	Replace Aeration Basin Influent / RAS, Step feed Gates		\$ 3,800,000									\$ 3,800,000	\$ 4,100,000
EN29004	CCWRF Secondary Clarifier Weir Covers		\$ 1,050,000									\$ 1,050,000	\$ 1,400,000
EN29005	RP5 O&M Building				\$ 3,000,000	\$ 20,000,000	\$ 20,000,000	\$ 5,000,000				\$ 48,000,000	\$ 48,000,000
EN29006	RP-1 Dewatering Silos Levelers Relocation					\$ 500,000	\$ 1,400,000					\$ 1,900,000	\$ 1,900,000
EN29007	RP-1 Operations and Maintenance Building Rehabilitation/Modernization					\$ 50,000	\$ 450,000	\$ 1,000,000	\$ 8,000,000	\$ 7,000,000		\$ 16,500,000	\$ 16,500,000
EN30002	CCWRF Outfall Discharge Structure and Culvert Rehab		\$ 520,000									\$ 520,000	\$ 700,000
ENXXXXX	Agency Wide VFD Upgrades (Wastewater) FY25/26	\$ -	\$ 960,000	\$ 960,000	\$ 960,000	\$ 960,000	\$ 960,000	\$ 960,000	\$ 960,000	\$ 960,000	\$ 960,000	\$ 8,640,000	\$ 8,640,000
ENXXXXX	CCWRF Electrical Improvements	\$ 500,000	\$ 750,000	\$ 2,725,000	\$ 2,725,000							\$ 6,700,000	\$ 6,700,000
ENXXXXX	CCWRF Fire Hydrant Valves	\$ 150,000	\$ 250,000									\$ 400,000	\$ 400,000
ENXXXXX	CCWRF Process Improvements Phase II	\$ 200,000	\$ 325,000	\$ 400,000	\$ 1,500,000	\$ 5,750,000	\$ 3,250,000					\$ 11,425,000	\$ 11,425,000
ENXXXXX	Regional Operation Project PDR's FY 24/25	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 2,000,000	\$ 2,000,000
ENXXXXX	RSS - Collection System Pipe Rehabilitation and Lining	\$ 1,000,000				\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 7,000,000	\$ 7,000,000
ENXXXXX	RP-1 Centrate Line Struvite Prevention		\$ 250,000	\$ 500,000								\$ 750,000	\$ 750,000
ENXXXXX	RP-1 Grit Classifiers Replacement		\$ 250,000	\$ 250,000								\$ 500,000	\$ 500,000
ENXXXXX	RP-1 Plant Air Expansion Tank Replacement		\$ 250,000									\$ 250,000	\$ 250,000
ENXXXXX	RP-4 Process Improvements Phase III		\$ 500,000	\$ 2,000,000	\$ 7,500,000	\$ 1,500,000						\$ 11,500,000	\$ 11,500,000
ENXXXXX	San Bernardino Lift Station Containment	\$ 150,000	\$ 250,000									\$ 400,000	\$ 400,000
ENXXXXX	Montclair Diversion Structure Enhancements			\$ 250,000	\$ 250,000							\$ 500,000	\$ 500,000
EP24001	Agency Wide Major Facilities O&M Repair/Replacement	\$ 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		\$ 9,000,000	\$ 9,909,000
FMXXXXX	RP-4 Scissor Lift	\$ 70,000										\$ 70,000	\$ 70,000
FMXXXXX	Security Upgrades	\$ 600,000	\$ 600,000	\$ 600,000	\$ 600,000	\$ 600,000						\$ 3,000,000	\$ 3,000,000
FMXXXXX	New Guard Shack at RP-1	\$ 200,000										\$ 200,000	\$ 200,000
FMXXXXX	Recurring Regional Sewer Manhole Procurement	\$ 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 Ent Historian Enhancement	\$ 741,725	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 741,725	\$ 1,000,000
IS28001	Operational AI and Machine Learning		\$ -	\$ -	\$ -	\$ 300,000	\$ 300,000					\$ 600,000	\$ 600,000
ISXXXXX	Operation Technology Infrastructure for New Assets	\$ 105,000	\$ 105,000	\$ 105,000	\$ 105,000	\$ 105,000	\$ 105,000	\$ 105,000	\$ 105,000	\$ 105,000	\$ 105,000	\$ 1,050,000	\$ 1,050,000
ISXXXXX	SCADA Infrastructure Asset Replacement	\$ 450,000	\$ 450,000	\$ 450,000	\$ 450,000	\$ 450,000	\$ 450,000	\$ 450,000	\$ 450,000	\$ 450,000	\$ 450,000	\$ 4,500,000	\$ 4,500,000
PL26001	Advanced Water Purification Facility	\$ -	\$ -	\$ -	\$ 12,000,000	\$ 20,000,000	\$ 63,000,000	\$ 65,000,000	\$ 63,000,000	\$ -		\$ 223,000,000	\$ 224,236,000
ENXXXXX	Development and Early Design - Compliance for Wastewater Facilities	\$ 4,500,000	\$ 13,700,000	\$ 12,000,000	\$ 15,000,000	\$ -	\$ -	\$ -	\$ -	\$ -		\$ 45,200,000	\$ 45,200,000
Total		\$ 38,512,705	\$ 54,084,000	\$ 39,294,500	\$ 48,770,416	\$ 53,750,000	\$ 94,071,500	\$ 77,465,000	\$ 77,115,000	\$ 12,415,000	\$ 3,815,000	\$ 499,293,121	\$ 565,299,376

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APPENDIX B: REGIONAL WASTEWATER CAPITAL IMPROVEMENT FUNDING SOURCES

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Table 5 - Regional Wastewater Capital Improvement Funding Sources

	FY 2022/23	FY 2023/24	FY 2024/25	FY 2025/26	FY 2026/27	FY 2027/28	FY 2028/29	FY 2029/30	FY 2030/31	FY 2031/32	FY 2032/33	FY 2033/34
	Actual	Projected Actual	Proposed Budget	Proposed Budget	Forecast							
REVENUES AND OTHER FINANCING SOURCES												
Interest Revenue	3,040,873	3,000,000	3,144,500	3,000,000	2,000,000	1,800,000	1,500,000	1,500,000	1,500,000	1,500,000	1,300,000	1,300,000
TOTAL REVENUES	\$3,040,873	\$3,000,000	\$3,144,500	\$3,000,000	\$2,000,000	\$1,800,000	\$1,500,000	\$1,500,000	\$1,500,000	\$1,500,000	\$1,300,000	\$1,300,000
OTHER FINANCING SOURCES												
Property Tax - Debt and Capital	\$51,587,012	\$51,373,000	\$53,347,600	\$54,193,700	\$55,054,600	\$55,930,500	\$56,821,600	\$57,728,200	\$58,650,700	\$59,589,300	\$60,544,400	\$61,516,200
Regional System Connection Fees	26,544,482	24,395,731	25,859,475	26,894,150	27,969,916	28,809,014	19,782,190	20,375,655	20,986,925	21,616,533	22,265,029	22,932,979
Debt Proceeds		11,689,728	47,763,705	48,430,016	12,117,530							
State Loans	55,742,420	20,114,225	13,450,844									
Capital Reimbursement	56,500											
Other Revenues	77,934	55,763	1,000	1,000	1,000	1,000		1,000	1,000	1,000	1,000	1,000
Loan Transfer from Internal Fund	2,000,000	6,000,000	5,500,000	5,000,000	5,105,000							
TOTAL OTHER FINANCING SOURCES	\$136,008,348	\$113,628,447	\$145,922,624	\$134,518,866	\$100,248,046	\$84,740,514	\$76,604,790	\$78,104,855	\$79,638,625	\$81,206,833	\$82,810,429	\$84,450,179

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IEUA's Ten-Year Capital Improvement Plan

2025



Inland Empire Utilities Agency
A MUNICIPAL WATER DISTRICT

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ABBREVIATIONS

AF: Acre Feet

CVWD: Cucamonga Valley Water District

EWL: Etiwanda Wastewater Line

FWC: Fontana Water Company

FY: Fiscal Year

GG Fund: Administrative Services Fund

IEUA: Inland Empire Utilities Agency

IEBL: Inland Empire Brine Line

MVWD: Monte Vista Water District

MWD: Metropolitan Water District of Southern California

NC Fund: Non-Reclaimable Wastewater Fund

NRWS: Non-Reclaimable Wastewater System

O&M: Operation and Maintenance

RC Fund: Regional Wastewater Capital Improvement Fund

RO Fund: Regional Wastewater Operations and Maintenance Improvement Fund

RRWDS: Regional Recycled Water Distribution System

RW Fund: Groundwater Recharge Fund

TYCIP: Ten Year Capital Improvement Plan

Regional Contract: Chino Basin Regional Sewage Service Contract

RP: Regional Water Recycling Plant

WC Fund: Recycled Water Fund

WW Fund: Water Administration Fund

SECTION 1: BACKGROUND

Inland Empire Utilities Agency Overview

The Inland Empire Utilities Agency (IEUA) is a regional wastewater treatment agency and wholesale distributor of imported water. IEUA is responsible for serving approximately 935,000 people over 242 square miles in western San Bernardino County. IEUA is focused on providing three key services: (1) treating wastewater, developing recycled water, local water resources, and conservation programs to reduce dependence on imported water supplies and provide local supply resiliency to the region; (2) converting biosolids and waste products into a high-quality compost made from recycled materials; and (3) generating electrical energy from renewable sources.

Formation & Purpose

IEUA was originally formed as the Chino Basin Municipal Water District on June 6, 1950, as a municipal corporation with the mission to supply supplemental imported water purchased from the Metropolitan Water District of Southern California (MWD) to municipalities in the Chino Basin. Since then, IEUA has expanded its mission from a supplemental water supplier to include regional wastewater treatment with both domestic and industrial disposal systems along with energy production facilities. In addition, IEUA has become a major provider of recycled water, a supplier of biosolids/compost materials, and continues its leading role in water quality management and environmental protection in the Inland Empire.

Agency Vision

To become a world class leader in water management and environmental stewardship, including water quality, water-use efficiency, recycled water, and renewable energy, in order to enhance and preserve the quality of life throughout the region.

Mission Statement

Inland Empire Utilities Agency is committed to meeting the needs of the region by providing essential services in a regionally planned and cost-effective manner while safeguarding public health, promoting economic development, and protecting the environment. Key areas of service:

- Securing and supplying imported water;
- Collecting and treating wastewater;

- Producing high-quality renewable products such as recycled water, compost, and energy; and
- Promoting sustainable use of groundwater and development of local water supplies.

Agency Values

Leading the way. Planning for the future. Protecting the resources of the communities we serve. The Inland Empire Utilities Agency is committed to:

- Applying ethical, fiscally responsible, transparent and environmentally sustainable principles to all aspects of business and organizational conduct;
- Working with integrity as one team, while celebrating the region's diversity; and
- Staying in the forefront of the industry through education, innovation, efficiency, and creativity.

Governance

IEUA is a special district governed by five publicly elected Board of Directors. Each director is assigned to one of the five divisions which generally serve the following regions: Division 1- Upland/Montclair; Division 2- Ontario; Division 3- Chino/Chino Hills; Division 4- Fontana; and Division 5- Rancho Cucamonga. Monthly meetings are also held with the Regional Technical and Policy Committees comprised of representatives from each of IEUA's Regional Sewer Service Contracting Agencies. These Committees discuss and provide recommendations on various technical and policy issues affecting IEUA.

Customer Agencies

As a regional wastewater treatment agency, IEUA provides sewage utility services to seven customer-agencies under the Chino Basin Regional Sewage Service Contract (Regional Contract) or Ordinance No. 114: the cities of Chino, Chino Hills, Fontana, Montclair, Ontario, and Upland along with Cucamonga Valley Water District. Figure 1 depicts boundaries within IEUA’s service area.

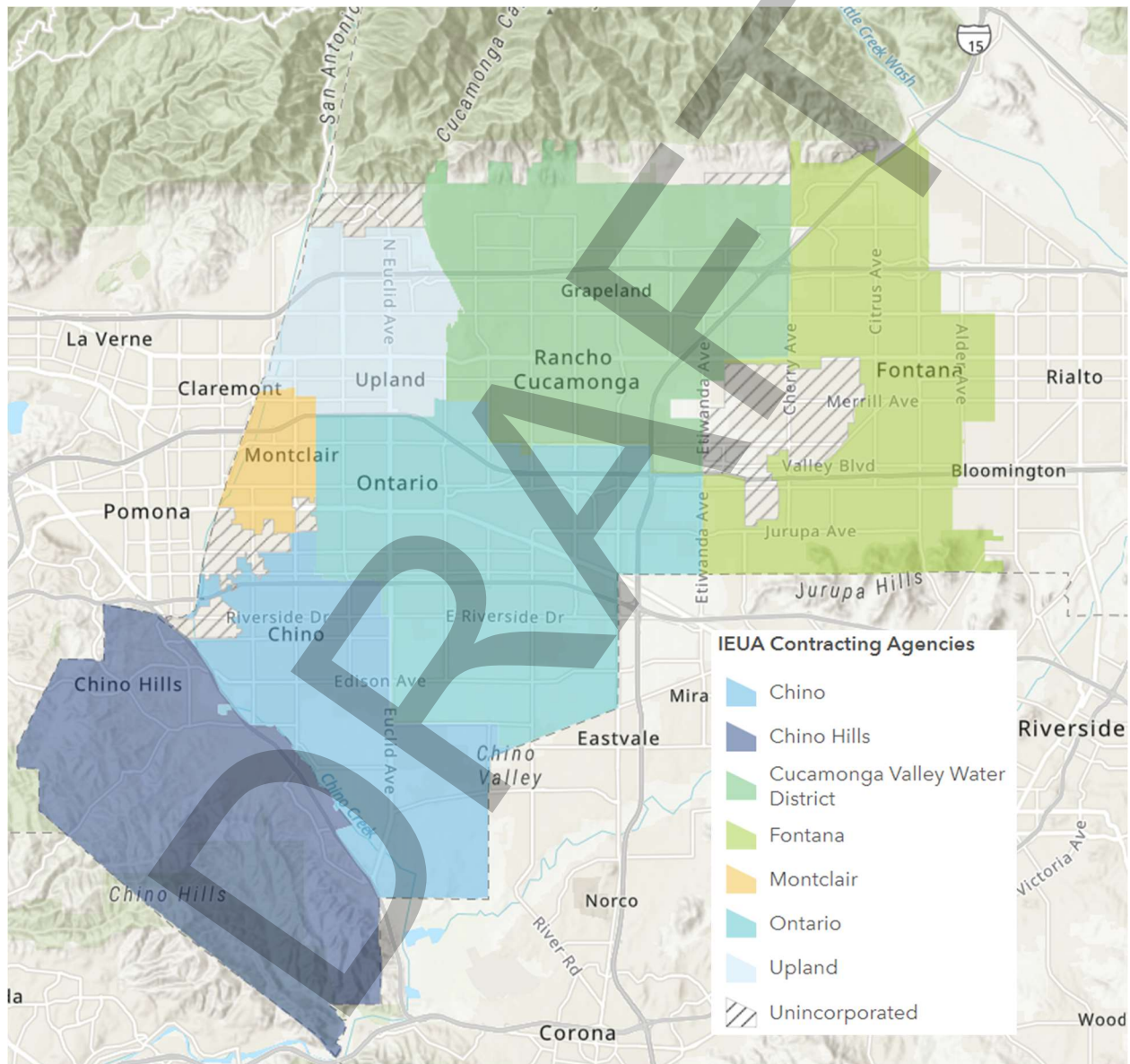


Figure 1 – IEUA Customer Agencies

Member Agencies

As a member of MWD and the regions wholesale imported water provided, IEUA serves seven retail water agencies: the cities of Chino, Chino Hills, Ontario, Upland, Cucamonga Valley Water District (CVWD) in the City of Rancho Cucamonga, Fontana Water Company (FWC) in the city of Fontana, and the Monte Vista Water District (MVWD). Figure 2 depicts boundaries within IEUA’s service area.

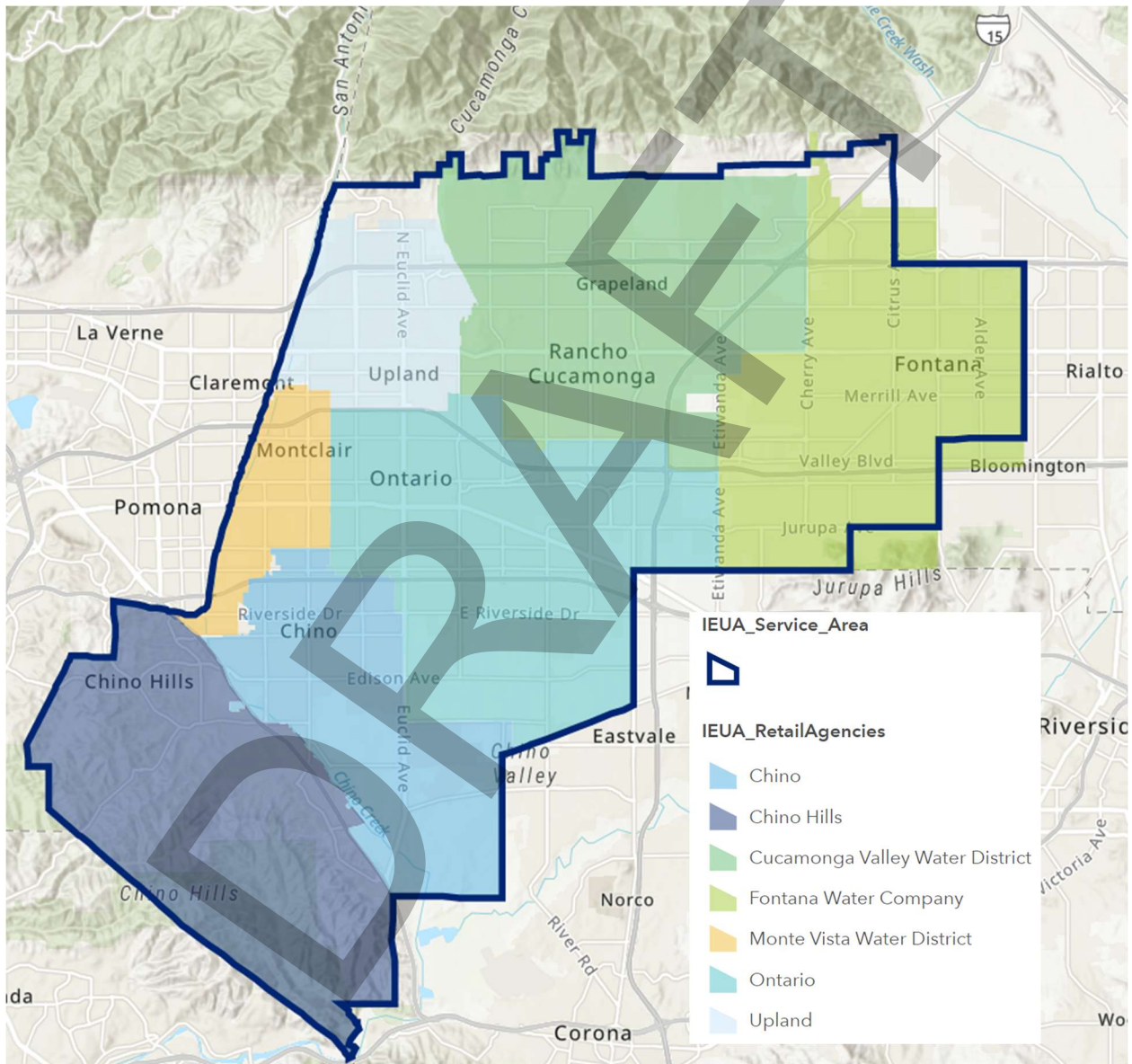


Figure 2 – IEUA Member Agencies

SECTION 2: TEN-YEAR CAPITAL IMPROVEMENT PLAN INTRODUCTION

Ten-Year Capital Improvement Plan Purpose

The Ten-Year Capital Improvement Plan (TYCIP) is a report that outlines IEUA’s capital priorities through a list of ongoing and future projects and proposes a schedule for the implementation of projects agencywide based on necessity. In contrast, the Ten-Year Forecast (TYF), published by IEUA and attached to this report as Appendix D, solely identifies wastewater capital projects as required in the Regional Sewage Service Contract and Ordinance No. 114. While wastewater capital projects are found on both the TYF and TYCIP, the TYCIP includes capital projects beyond those required for the wastewater system. The timing of projects on the TYCIP may be further refined through the Capital Budget process, based on the availability of financial resources.

The IEUA Board of Directors adopts and publishes the TYCIP to provide transparency into the ongoing and future projects the agency requires over the next ten years. Projects identified in the TYCIP are necessary for IEUA to ensure reliability and safety, while meeting all regulatory requirements. Some of the factors that may lead to the need for a capital project for the acquisition, construction, improvement, and expansion of the Regional Sewerage System. This TYCIP identifies capital projects for the Fiscal Year (FY) 2024/2025 through FY 2033/2034 timeframe.

Definition of a Capital Project

The TYCIP is composed of a list of capital projects, which are projects that involve the purchase, improvement, or construction of major fixed assets, such as the expansion of treatment plants, the construction of pipeline and pump stations, and the replacement of equipment. Capital projects do not include funds spent on standard operation and maintenance (O&M). However, O&M projects are listed as an appendix to this TYCIP, see Appendix C.

SECTION 3: PROGRAM FUNDS

Program Fund Summary

Projects listed on the TYCIP are categorized by fund. Over the next ten years, IEUA is planning approximately \$1,629,332,111 in capital improvement projects, of which 31% is expected to be in the Regional Wastewater Capital Improvement fund. Agency-wide, capital project expenses in the first year of the TYCIP are estimated to be approximately \$164,298,555. Table 1 below outlines the timing of the projected capital spending by fund.

Fund	Year One FY 2024/25	Year Two FY 2025/26	Years 3-10 FY 2026/34	Ten Year Total FY 2025-2034
Administrative Services (GG)	\$10.8	\$8.5	\$31.8	\$51.1
Non-Reclaimable Wastewater (NC)	\$6.2	\$18.0	\$20.2	\$44.4
Regional Wastewater Capital Improvement (RC)	\$92.2	\$89.3	\$328.3	\$509.8
Regional Wastewater Operations & Maintenance (RO)	\$38.5	\$54.1	\$406.7	\$499.3
Recharge Water (RW)	\$2.3	\$3.4	\$9.5	\$15.3
Recycled Water (WC)	\$8.3	\$20.3	\$474.9	\$503.5
Water Resources (WW)	\$6.0	\$0.0	\$0.0	\$6.0
TOTAL	\$164.3	\$193.6	\$1,271.4	\$1,629.3

**Numbers are based on the TYCIP Project List (Appendix A). All values rounded.*

Administrative Services (GG) Fund

The GG Fund serves as IEUA's general fund and capital expenses include agency supplies such as computers, printers, copiers, pooled vehicles, and other purchases. Major Projects include Enterprise Resource Planning (ERP) implementation, Wide Area Microwave Radio Updates, and Operational Technology Infrastructure Asset Replacement. Total Major Project proposed spending over the ten-year window is \$20,145,657; total ten-year proposed spending in GG Fund is \$51,173,083.

Non-Reclaimable Wastewater (NC) Fund

Projects funded through the NC Fund are associated with IEUA’s Non-Reclaimable Wastewater System (NRWS), which is a collections system physically separated from the agency’s wastewater sewage system. The NRWS includes pipelines and pump stations that serve to export high-salinity industrial wastewater generated in IEUA’s service area for treatment and eventual discharge to the Pacific Ocean. The wastewater discharged to the NRWS is primarily comprised of industrial and groundwater treatment brine. The NRWS is operated by IEUA and is comprised of three independent collections systems, the North non-reclaimable wastewater system, the Etiwanda Wastewater Line (EWL), and the Inland Empire Brine Line (IEBL) also known as the South NRWS. Figure 3 is a map that outlines the NRWS system.

Capital projects in the NC Fund may include the acquisition, construction, expansion, or replacement of NRWS sewer lines, interceptors, and supporting facilities. Major projects include Philadelphia Lift Station Force Main Improvements, Philadelphia Lift Station Pump Improvements, and NRW Collection System Pipe Rehabilitation. Total Major Project proposed spending over the ten-year window \$35,000,000; total ten-year proposed spending in the NC Fund is \$44,339,000.

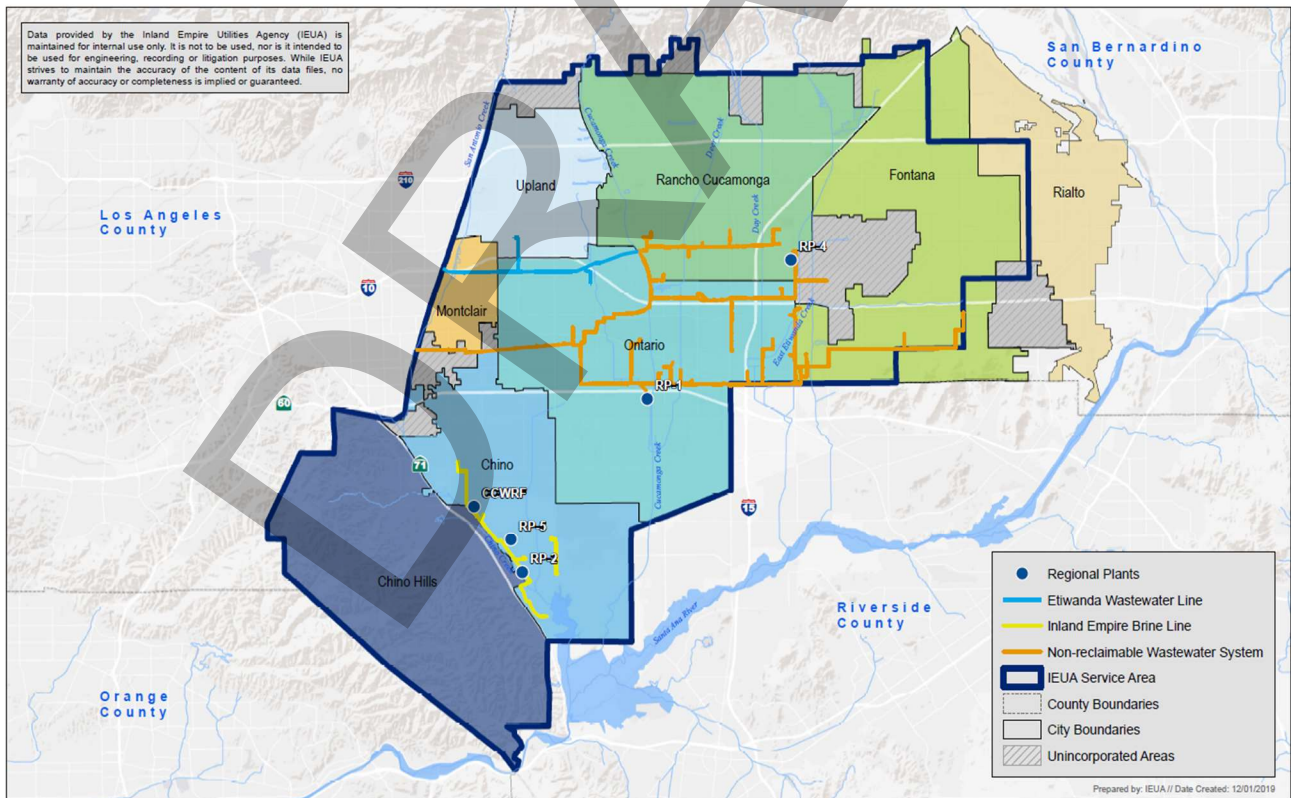


Figure 3 – IEUA Non-Reclaimable Wastewater System

Regional Wastewater Capital Improvement (RC) Fund

In accordance with the Regional Contract, the Regional Wastewater Program is split into two funds: Regional Wastewater Capital Improvement (RC) and Regional Wastewater Operation and Maintenance (RO). Figure 4 below outlines the regional wastewater system. The RC Fund covers capital project costs associated with IEUA's regional wastewater system. Expenses charged to the RC Fund include capital projects that are required to meet regional growth in the forms of flow, loading, capacity, or other factors. Major projects include Regional Water Recycling Plant No.1 (RP-1) Solids Treatment Expansion, RP-1 Liquid Treatment Capacity Recovery, RP-1 Thickening Building & Acid Phase Digesters, RP-5 Expansion to 30 MGD, and RP-5 Biosolids Facility. Total Major Project proposed spending over the ten-year window is projected to be \$385,249,000; total ten-year proposed spending in the RC Fund is \$509,845,040. A detailed review of RC fund projects over the next ten-years can be found in IEUA's Ten-Year Forecast (TYF), which is attached to this report as Appendix D.

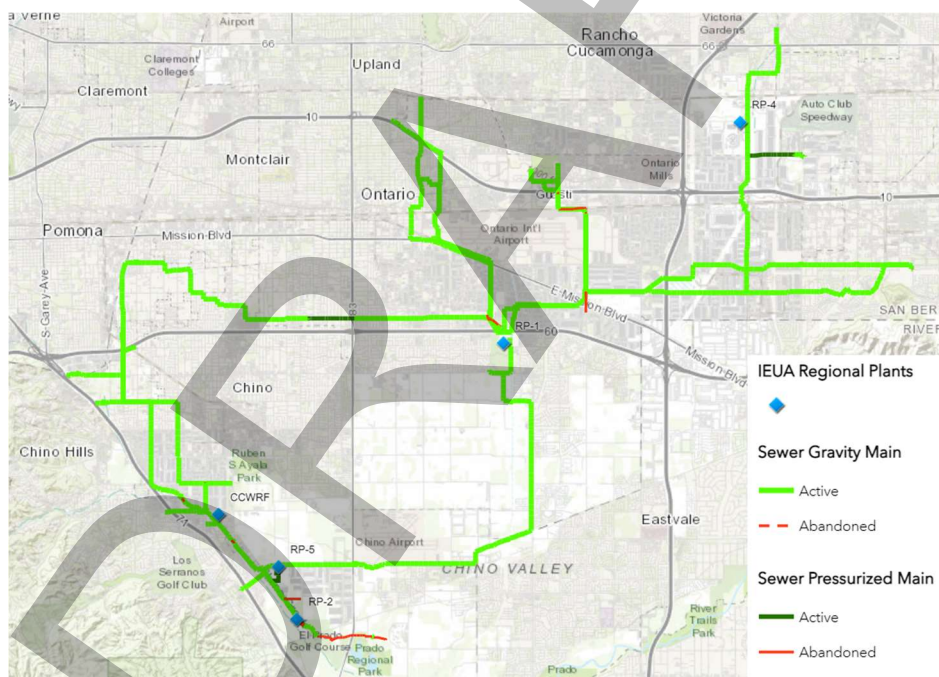


Figure 4 – IEUA Regional Wastewater System

Regional Wastewater Operation and Maintenance (RO) Fund

The RO Fund covers the capital component of the operation and maintenance costs associated with IEUA's regional wastewater system that include the cost to rehabilitate fixed assets. Major projects include Advanced Water Purification Facility, RP-5 O&M Building, and Development & Early Design – Compliance for Wastewater Facilities. Total Major Project

proposed spending over the ten-year window is projected to be \$316,200,000; total ten-year proposed capital spending in the RO Fund is \$499,293,121.

Recharge Water Fund (RW) Fund

In conjunction with Chino Basin Water Master, Chino Basin Water Conservation District, and San Bernardino County Flood Control District, IEUA implements and operates the Recycled Water Groundwater Recharge Program to replenish and maintain the Chino Groundwater Basin. Infrastructure associated with the RW Fund includes a network of pipelines that directs captured stormwater, recycled water, and imported water to recharge sites. The groundwater recharge projects are a means to diversify the water supply for the region and maximize the beneficial reuse of recycled water and the yield of the Chino Basin. Recycled water recharge is a key component of the region’s water supply portfolio. The more recycled water that is recharged into the Chino Groundwater Basin, the more resilient the region becomes. Figure 5 is a map of the groundwater recharge basins. Major projects include the completion of Recharge Master Plan Update projects and safety work for basin gate actuator access. Total Major Project proposed spending over the ten-year window is \$8,952,865; total ten-year proposed spending in the RW Fund is \$15,252,367.

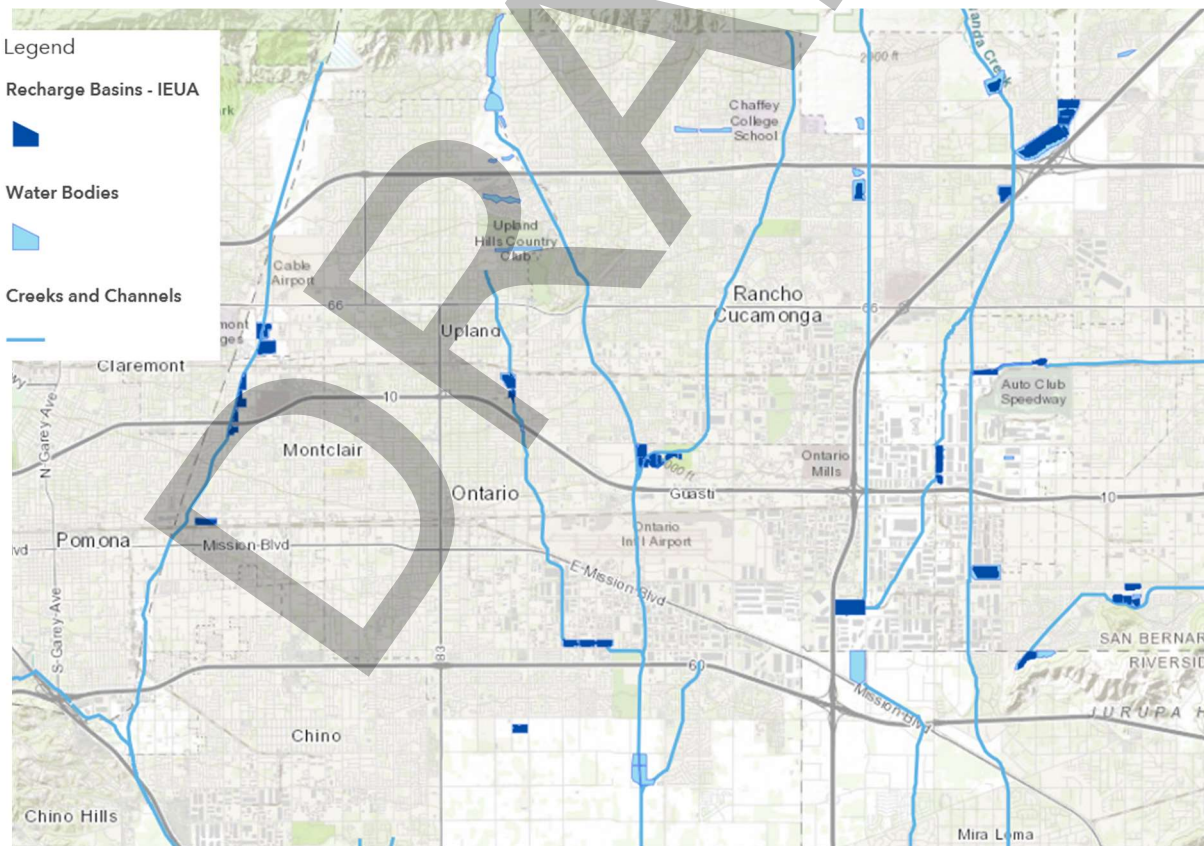


Figure 5 – Chino Basin Groundwater Recharge Locations

Recycled Water (WC) Fund

IEUA and its member agencies have invested in the construction of a Regional Recycled Water Distribution System (RRWDS). The RRWDS consists of a network of pipelines, storage tanks, and pump stations that serve customers. IEUA's water recycling facilities maintain compliance with water recycling criteria set forth in Title 22 of the California Code of Regulations. The use of recycled water provides a high-quality alternative water source for the region that can be used directly by customers or recharged into the groundwater to improve regional resiliency. Figure 6 is a map of the RRWDS infrastructure.

Capital projects in the WC fund are associated with the expansion and improvement of the RRWDS infrastructure. Major projects include Chino Basin Program Injection Facilities, Recycled Water Interconnection to the City of Rialto, Recycled Water Connection to the Jurupa Community Service District, Advanced Purified Water Conveyance, and Development & Early Design – Compliance for Recycled Water Facilities. Total Major Project proposed spending over the ten-year window is projected to be \$420,000,000; total ten-year proposed spending in the WC Fund is \$503,469,400.

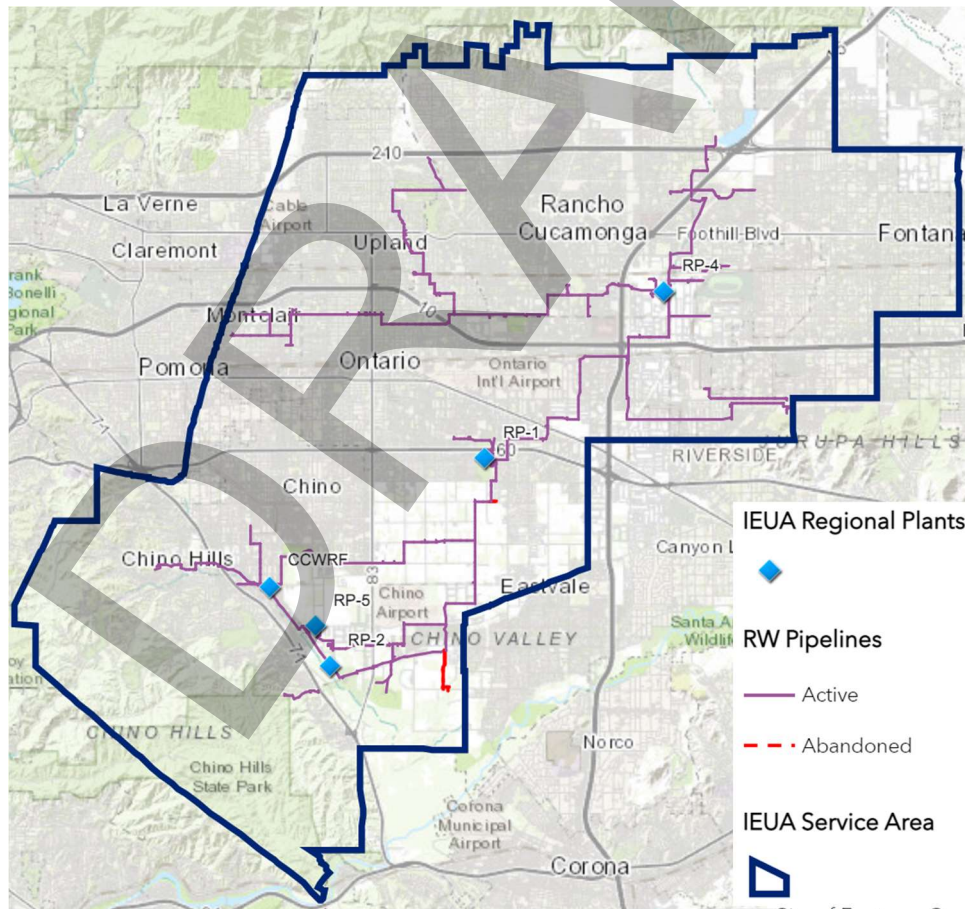


Figure 6 – Regional Recycled Water Distribution System

Water Resources (WW) Fund

Projects in the WW Fund are associated with the management and distribution of imported water supplies, development and implementation of regional water use efficiency initiatives, water resources planning efforts, and support for regional water supply programs including recycled water, groundwater recharge, and stormwater management. Most projects in the WW fund are O&M by nature, which can be found listed in Appendix C. The only capital project included in the TYCIP is associated with the Chino Basin Program evaluation. Total proposed spending over the ten-year window is \$5,960,100.

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SECTION 4: TEN YEAR CAPITAL IMPROVEMENT PROJECT LIST

Ten Year Capital Improvement Project List Summary

The TYCIP contains capital projects which were identified by IEUA staff and include expansion projects to provide additional treatment capacity to meet future growth. Drivers used to determine the timeframe and necessity of projects include regulatory and permitting requirements, wastewater flow projections, asset age, performance, efficiency, and grant or funding availability. Over the next ten years IEUA is planning \$1,629.33 million in capital improvement projects. This is a 17.5% increase from the FY 2023/24 TYCIP total of \$1,386.58 million. The change in spending can be partially attributed towards the inclusion of the construction activities in the latter portion of the TYCIP of an advanced water purification facility, the expansion of the recycled water program via injection wells and new interconnections, and the construction completion of the RP-5 Expansion to 30 MGD and RP-5 Biosolids Facility. Table 2 below provides a by fund comparison between the FY 2023/24 proposed spending from the adopted FY 2023/24 – FY 2032/33 TYCIP and the FY 2024/25 proposed spending from the proposed FY 2024/25 – FY2033/34 TYCIP. The list will be updated regularly as facility needs are reprioritized.

Fund	FY 2023/24 (\$ in Millions)	FY 2024/25 (\$ in Millions)
Administrative Services Fund (GG)	\$4.2	\$10.8
Non-Reclaimable Wastewater Fund (NC)	\$5.2	\$6.2
Regional Capital Improvement Fund (RC)	\$112.4	\$92.2
Regional Operations and Maintenance (RO)	\$33.6	\$38.5
Groundwater Recharge Fund (RW)	\$2.1	\$2.3
Recycled Water Fund (WC)	\$15.6	\$8.3
Water Resources Fund (WW)	\$3.5	\$6.0
TOTAL	\$ 176.6	\$164.3

**FY 2023/24 capital spending is from IEUA's adopted budget. FY 2024/25 capital spending is based on the projected TYCIP Project List (Appendix A). All dollars have been rounded.*

APPENDIX A: Ten-Year Capital Improvement Project List

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Project Number	Project Name	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	FY 33/34	Total TYCIP FY 2025-2034	Total Project Budget
GG - Administrative Services Fund													
EN21020	Oracle P6 Migration and Web Hosting Serv	\$ 400,000	\$ 102,656									\$ 502,656	\$ 708,700
EN22010	GG Asset Management Project						\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 5,000,000	\$ 5,000,000
EN23003	Central Plant Cooling Tower Replacement	\$ 1,555,000	\$ 800,000									\$ 2,355,000	\$ 2,667,095
EN23034	Agencywide EV Charging Stations	\$ 828,000										\$ 828,000	\$ 1,099,104
EN23102	RP-1 New Parking Lot		\$ 500,000	\$ 600,000								\$ 1,100,000	\$ 1,189,454
EN24034	Agency Wide Roofing Phase IV at CCWRF		\$ 200,000	\$ 900,000								\$ 1,100,000	\$ 1,300,000
EN26032	HQ Electric Cart Canopy Project		\$ 100,000	\$ 150,000								\$ 250,000	\$ 250,000
ENXXXX	CIPO Enhancements FY 24/25	\$ 285,000	\$ 285,000	\$ 285,000	\$ 285,000	\$ 285,000	\$ 285,000	\$ 285,000	\$ 285,000	\$ 285,000	\$ 285,000	\$ 2,850,000	\$ 2,850,000
FM21005	Structural Agency Wide Roofing Phase II		\$ 250,000	\$ 1,050,000	\$ 250,000	\$ 1,021,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,571,000	\$ 6,416,003
FM24010	Agency Wide Office Furniture Replacements	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 600,000	\$ 660,000
FMXXXX	Agency Wide HVAC Equipment Replacements	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 2,500,000	\$ 2,500,000
FMXXXX	Agency Wide Vehicle Replacement	\$ 300,000	\$ 160,000	\$ 170,000	\$ 170,000	\$ 180,000	\$ 190,000	\$ 190,000	\$ 190,000	\$ 190,000	\$ 190,000	\$ 1,930,000	\$ 1,930,000
FMXXXX	Electric Vehicle Purchase	\$ 150,000	\$ 150,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 300,000	\$ 250,000	\$ 2,200,000	\$ 2,200,000
FMXXXX	HQ Electric Chargers	\$ 250,000										\$ 250,000	\$ 250,000
FMXXXX	HQ Workspace Improvements	\$ 2,700,000										\$ 2,700,000	\$ 2,700,000
IS22002	Wide Area Microwave Radio Updates	\$ 550,000	\$ 594,000	\$ 641,520	\$ 692,842	\$ 748,269	\$ 808,130	\$ 872,781	\$ 942,603	\$ 718,012		\$ 6,568,157	\$ 7,100,000
IS24003	ERP Replacement Phase 1	\$ 1,000,000	\$ 550,000									\$ 1,550,000	\$ 1,550,000
IS25004	ERP Implementation	\$ 1,000,000	\$ 4,000,000	\$ 5,000,000								\$ 10,000,000	\$ 10,000,000
ISXXXX	Audio/Video Replacement for Conference Rooms	\$ 150,000										\$ 150,000	\$ 150,000
ISXXXX	Board Room Upgrades	\$ 250,000										\$ 250,000	\$ 250,000
ISXXXX	Operational Technology Infrastructure Asset Replacement	\$ 250,000	\$ 262,500	\$ 275,000	\$ 315,000	\$ 340,000	\$ 370,000	\$ 400,000	\$ 430,000	\$ 460,000	\$ 475,000	\$ 3,577,500	\$ 3,577,500
ISXXXX	Operational Technology Infrastructure New Assets	\$ 100,000	\$ 105,000	\$ 110,000	\$ 130,000	\$ 140,000	\$ 150,000	\$ 160,000	\$ 170,000	\$ 185,000	\$ 195,000	\$ 1,445,000	\$ 1,445,000
ISXXXX	Wide Area Microwave Radio Replacement	\$ 550,000										\$ 550,000	\$ 550,000
LB21001	LCMSMS for PFAS and CEC Testing	\$ 72,885	\$ 72,885									\$ 145,770	\$ 600,000
LB23001	Oil and Grease Extractor 2	\$ 100,000	\$ 100,000									\$ 200,000	\$ 352,226
Total		\$ 10,800,885	\$ 8,542,041	\$ 9,691,520	\$ 2,352,842	\$ 3,224,269	\$ 3,363,130	\$ 3,467,781	\$ 3,577,603	\$ 3,448,012	\$ 2,705,000	\$ 51,173,083	\$ 57,295,083
NC - Non-Reclaimable Wastewater Fund													
EN20064	NSNT Sewer Siphon Replacement	\$ 800,000										\$ 800,000	\$ 4,026,643
EN22007	NRW Asset Management Projects						\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 699,000	\$ 4,699,000	\$ 4,699,250
EN22020	Philadelphia Lift Station Pump Upgrades	\$ 2,000,000	\$ 3,000,000	\$ 1,000,000								\$ 6,000,000	\$ 6,610,078
EN23002	Philadelphia Lift Station Force Main Imp	\$ 2,000,000	\$ 13,300,000	\$ 5,700,000								\$ 21,000,000	\$ 22,880,230
ENXXXX	4th Street / North System North Trunk Pipe Repair (BSS)	\$ 130,000	\$ 240,000									\$ 370,000	\$ 370,000
ENXXXX	Brine System Siphon Barrel Gate Improvement				\$ 180,000	\$ 330,000						\$ 510,000	\$ 510,000
ENXXXX	New Non-Reclaimable Waste Project PDR's FY 24/25	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 500,000	\$ 500,000
ENXXXX	Vineyard Pipe Repair		\$ 230,000	\$ 430,000								\$ 660,000	\$ 660,000
ENXXXX	Non-Reclaimable Waste Collection System Pipe Rehabilitation	\$ 1,000,000	\$ 1,000,000	\$ -	\$ -	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 8,000,000	\$ 8,000,000
ENXXXX	Non-Reclaimable Waste Manhole FY 24/25	\$ 180,000	\$ 180,000	\$ 180,000	\$ 180,000	\$ 180,000	\$ 180,000	\$ 180,000	\$ 180,000	\$ 180,000	\$ 180,000	\$ 1,800,000	\$ 1,800,000
Total		\$ 6,160,000	\$ 18,000,000	\$ 7,360,000	\$ 410,000	\$ 1,560,000	\$ 2,230,000	\$ 2,230,000	\$ 2,230,000	\$ 2,230,000	\$ 1,929,000	\$ 44,339,000	\$ 50,056,201
RC - Regional Wastewater Capital Improvement Fund													
EN11039	RP-1 Disinfection Pump Improvements	\$ 455,000										\$ 455,000	\$ 12,151,965
EN17006	CCWRF Asset Management and Improvements	\$ 12,975,000	\$ 900,000									\$ 13,875,000	\$ 28,929,828
EN19001	RP-5 Expansion to 30 mgd	\$ 36,000,000	\$ 7,000,000	\$ 2,000,000								\$ 45,000,000	\$ 210,129,260
EN19006	RP-5 Biosolids Facility	\$ 14,000,000	\$ 2,000,000	\$ 2,000,000								\$ 18,000,000	\$ 212,850,548
EN19025	Regional Force Main Improvements	\$ 500,000										\$ 500,000	\$ 5,341,880
EN21045	Montclair Force Main Improvements	\$ 2,000,000	\$ 3,800,000									\$ 5,800,000	\$ 7,239,505
EN22006	RC Asset Management						\$ 8,000,000	\$ 8,000,000	\$ 8,000,000	\$ 8,000,000	\$ 8,000,000	\$ 40,000,000	\$ 40,005,250
EN22022	RP-1 Air Compressor Upgrades	\$ 2,000,000	\$ 2,200,000									\$ 4,200,000	\$ 5,121,665
EN22039	RP-4 SCADA Performance Improvement	\$ 300,000	\$ 350,000	\$ 270,000								\$ 920,000	\$ 1,007,473
EN22044	RP-1 Thickening Building & Acid Phase Di	\$ 20,000,000	\$ 65,000,000	\$ 55,000,000	\$ 5,500,000							\$ 145,500,000	\$ 158,950,424
EN23025	Agency Power Monitoring		\$ 499,457									\$ 499,457	\$ 530,000
EN24001	RP-1 Liquid Treatment Capacity Recovery					\$ 3,000,000	\$ 12,000,000	\$ 15,000,000	\$ 15,000,000	\$ 35,000,000	\$ 50,000,000	\$ 130,000,000	\$ 134,371,795
EN24002	RP-1 Solids Treatment Expansion	\$ 500,000	\$ 4,000,000	\$ 4,000,000	\$ 10,000,000	\$ 20,000,000	\$ 8,249,000	\$ -				\$ 46,749,000	\$ 48,049,092
EN24022	IEUA SCADA Master Plan	\$ 750,000										\$ 750,000	\$ 750,000
EN24027	Fail Protection and Prevention Solutions at specified wastewater locations	\$ 996,000	\$ 2,000,000	\$ 2,000,000	\$ 2,000,000	\$ 500,000						\$ 7,496,000	\$ 7,956,253
EN24028	RP-1 Utility Water Piping Asset Management Phase I		\$ 120,000	\$ 1,500,000	\$ 700,000							\$ 2,320,000	\$ 2,427,793
EN24030	Headquarter B additional Office Space	\$ 27,500										\$ 27,500	\$ 127,500
EN24031	RP-4 Manhole Surcharge Remediation	\$ 600,000										\$ 600,000	\$ 797,500
EN28002	RP-1 Centrate Treatment				\$ 1,600,000	\$ 3,300,000	\$ 3,300,000					\$ 8,200,000	\$ 8,200,000
ENXXXX	Collection System Upgrades FY 24/25	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 5,000,000	\$ 5,000,000
ENXXXX	Regional Capital PDR FY 24/25	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 3,000,000	\$ 3,000,000
ENXXXX	Chino Interceptor Diversion Pipe Repair			\$ 500,000	\$ 2,100,000	\$ 500,000						\$ 3,100,000	\$ 3,100,000
ENXXXX	Cucamonga Interceptor Pipe Repair				\$ 400,000	\$ 750,000						\$ 1,150,000	\$ 1,150,000
ENXXXX	Freeway Trunk Pipe Repair							\$ 1,000,000	\$ 4,000,000	\$ 4,000,000	\$ 4,000,000	\$ 13,000,000	\$ 13,000,000
ENXXXX	Regional System Siphon Barrel Gate Improvements		\$ 325,000	\$ 610,000								\$ 935,000	\$ 935,000

Project Number	Project Name	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	FY 33/34	Total TYCIP FY 2025-2034	Total Project Budget
ENXXXXX	Riverside Drive Trunk Pipe Repair							\$ 1,000,000	\$ 1,850,000	\$ 1,400,000		\$ 4,250,000	\$ 4,250,000
IS22006	SCADA Network Infrastructure Replacement	\$ 300,000	\$ 308,000	\$ 333,900	\$ 361,900	\$ 392,147	\$ 424,798	\$ 460,062	\$ 498,147	\$ 539,129		\$ 3,618,083	\$ 4,300,000
PL17002	HQ Solar Photovoltaic Power Plants Ph. 2			\$ 300,000	\$ 1,100,000							\$ 1,400,000	\$ 1,400,000
PL19001	Purchase Existing Solar Installation			\$ 3,500,000								\$ 3,500,000	\$ 3,500,000
	Total	\$ 92,203,500	\$ 89,302,457	\$ 72,813,900	\$ 24,561,900	\$ 29,242,147	\$ 32,773,798	\$ 26,260,062	\$ 30,148,147	\$ 49,739,129	\$ 62,800,000	\$ 509,845,040	\$ 924,572,732
RO - Regional Wastewater Operations and Maintenance Fund													
AM23001	Old VFD Replacement (Wastewater)	\$ 1,100,000										\$ 1,100,000	\$ 1,152,982
AMXXXXX	Agency Wide Air Relief Valves	\$ 300,000										\$ 300,000	\$ 300,000
AMXXXXX	Agency Wide Remote Vibration Project	\$ 200,000	\$ 150,000	\$ 150,000								\$ 500,000	\$ 500,000
AMXXXXX	Asset Management Software	\$ 200,000	\$ 500,000	\$ 50,000								\$ 750,000	\$ 750,000
AMXXXXX	Regional Operation Asset Management						\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 5,000,000	\$ 5,000,000
EN13016	SCADA Enterprise System	\$ 6,295,000	\$ 6,000,000									\$ 12,295,000	\$ 37,560,375
EN17042	Digester 6 and 7 Roof Repairs	\$ 2,200,000										\$ 2,200,000	\$ 10,049,383
EN18025	RP-1 Secondary System Rehabilitation	\$ 500,000	\$ 2,000,000	\$ 7,000,000	\$ 2,000,000							\$ 11,500,000	\$ 11,500,000
EN19009	RP-1 Energy Recovery	\$ 1,000,000	\$ 500,000									\$ 1,500,000	\$ 1,950,408
EN20044	RP-1 Plant 3 Primary Cover Replacement		\$ 400,000									\$ 400,000	\$ 400,000
EN20045	RP-1 TP-1 Level Sensor Replacement		\$ 500,000									\$ 500,000	\$ 543,521
EN20051	RP-1 MCB and Old Lab Building Rehab	\$ 905,000	\$ 860,000									\$ 1,765,000	\$ 2,454,295
EN20057	RP-4 Process Improvements Phase II	\$ 4,000,000	\$ 4,300,000	\$ 1,000,000								\$ 9,300,000	\$ 10,352,112
EN21053	RP-1 Old Effluent Structure Rehabilitati	\$ 450,000	\$ 1,450,000									\$ 1,900,000	\$ 2,588,562
EN21056	RP-1 Evaporative Cooling for Aeration Bl	\$ 1,311,000										\$ 1,311,000	\$ 1,828,520
EN22025	RP-1 Dump Station						\$ 750,000	\$ 1,100,000				\$ 1,850,000	\$ 1,850,126
EN22027	RP-1 Repurpose Lab	\$ 1,000,000	\$ 754,000									\$ 1,754,000	\$ 2,622,702
EN22031	RP-1 Intermediate Pump Station Electrica	\$ 500,000	\$ 3,000,000	\$ 3,000,000								\$ 6,500,000	\$ 7,318,255
EN23000	RP1 Device Net Replacement	\$ 1,000,000	\$ 1,000,000									\$ 2,000,000	\$ 2,516,766
EN23004	CCWRF Aeration Basins 1-6 Drain Valves		\$ 250,000	\$ 600,000	\$ 185,000							\$ 1,035,000	\$ 1,276,082
EN23024	RP-1 TP-1 Stormwater Drainage Upgrades	\$ 57,000	\$ 300,000	\$ 904,500	\$ 6,416							\$ 1,267,916	\$ 1,394,352
EN23036	San Bernardino Ave LS Reliability Improv	\$ 1,000,000	\$ 1,800,000									\$ 2,800,000	\$ 3,198,931
EN23111	RP1 Headworks Bar Screen System Improvem	\$ 300,000										\$ 300,000	\$ 2,278,710
EN23114	RP1 Instrumentation and Control Enhancem		\$ 200,000	\$ 1,000,000								\$ 1,200,000	\$ 1,349,541
EN24020	RP-1 Dewatering Centrate Pumps	\$ 1,550,000										\$ 1,550,000	\$ 2,442,824
EN24023	RP3 Regional Sewer Diversion Structure Rehab	\$ 635,000										\$ 635,000	\$ 835,000
EN24025	REEP Return to Service Capital	\$ 1,800,000	\$ 1,800,000									\$ 3,600,000	\$ 7,215,000
EN24029	RP-1 Tertiary Asset Manager Phase I		\$ 500,000	\$ 2,500,000	\$ 989,000							\$ 3,989,000	\$ 3,999,588
EN24032	RP-1 Primary Clarifier #1 and #10 Rehabilitation	\$ 1,210,000	\$ 1,000,000									\$ 2,210,000	\$ 2,541,980
EN24033	Annular Seals			\$ 1,000,000								\$ 1,000,000	\$ 1,370,000
EN24059	Chino Hills Trunk-014 Sewer Siphon CIPP Repair	\$ 892,980	\$ 150,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,042,980	\$ 1,042,980
EN25002	SSI Aeration Disk Replacement		\$ 100,000	\$ 550,000	\$ 200,000	\$ 1,200,000		\$ 250,000	\$ 1,200,000		\$ -	\$ 3,500,000	\$ 3,500,000
EN25006	CCWRF Primary Clarifier Coating	\$ 140,000	\$ 1,260,000									\$ 1,400,000	\$ 1,400,000
EN25020	RP-1 Digester Cleaning Lagoon (DCL) Lini								\$ 100,000	\$ 600,000		\$ 700,000	\$ 700,000
EN27001	RP-1 Equilization Basin #1 Access Ramp					\$ 35,000	\$ 106,500	\$ 300,000				\$ 441,500	\$ 441,500
EN29003	Replace Aeration Basin Influent / RAS, Step feed Gates		\$ 3,800,000									\$ 3,800,000	\$ 3,800,000
EN29004	CCWRF Secondary Clarifier Weir Covers		\$ 1,050,000									\$ 1,050,000	\$ 1,050,000
EN29005	RP5 O&M Building				\$ 3,000,000	\$ 20,000,000	\$ 20,000,000	\$ 5,000,000				\$ 48,000,000	\$ 48,000,000
EN29006	RP-1 Dewatering Silos Levelers Relocation					\$ 500,000	\$ 1,400,000					\$ 1,900,000	\$ 1,900,000
EN29007	RP-1 Operations and Maintenance Building Rehabilitation/Modernization					\$ 50,000	\$ 450,000	\$ 1,000,000	\$ 8,000,000	\$ 7,000,000		\$ 16,500,000	\$ 16,500,000
EN30002	CCWRF Outfall Discharge Structure and Culvert Rehab		\$ 520,000									\$ 520,000	\$ 520,000
ENXXXXX	Agency Wide VFD Upgrades (Wastewater) FY25/26	\$ -	\$ 960,000	\$ 960,000	\$ 960,000	\$ 960,000	\$ 960,000	\$ 960,000	\$ 960,000	\$ 960,000	\$ 960,000	\$ 8,640,000	\$ 8,640,000
ENXXXXX	CCWRF Electrical Improvements	\$ 500,000	\$ 750,000	\$ 2,725,000	\$ 2,725,000							\$ 6,700,000	\$ 6,700,000
ENXXXXX	CCWRF Fire Hydrant Valves	\$ 150,000	\$ 250,000									\$ 400,000	\$ 400,000
ENXXXXX	CCWRF Process Improvements Phase II	\$ 200,000	\$ 325,000	\$ 400,000	\$ 1,500,000	\$ 5,750,000	\$ 3,250,000					\$ 11,425,000	\$ 11,425,000
ENXXXXX	Regional Operation Project PDR's FY 24/25	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 2,000,000	\$ 2,000,000
ENXXXXX	RSS - Collection System Pipe Rehabilitation and Lining	\$ 1,000,000				\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 7,000,000	\$ 7,000,000
ENXXXXX	RP-1 Centrate Line Struvite Prevention		\$ 250,000	\$ 500,000								\$ 750,000	\$ 750,000
ENXXXXX	RP-1 Grit Classifiers Replacement		\$ 250,000	\$ 250,000								\$ 500,000	\$ 500,000
ENXXXXX	RP-1 Plant Air Expansion Tank Replacement		\$ 250,000									\$ 250,000	\$ 250,000
ENXXXXX	RP-4 Process Improvements Phase III		\$ 500,000	\$ 2,000,000	\$ 7,500,000	\$ 1,500,000						\$ 11,500,000	\$ 11,500,000
ENXXXXX	San Bernardino Lift Station Containment	\$ 150,000	\$ 250,000									\$ 400,000	\$ 400,000
ENXXXXX	Montclair Diversion Structure Enhancements			\$ 250,000	\$ 250,000							\$ 500,000	\$ 500,000
EP24001	Agency Wide Major Facilities O&M Repair/Replacement	\$ 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		\$ 9,000,000	\$ 9,908,257
FMXXXXX	RP-4 Scissor Lift	\$ 70,000										\$ 70,000	\$ 70,000
FMXXXXX	Security Upgrades	\$ 600,000	\$ 600,000	\$ 600,000	\$ 600,000	\$ 600,000						\$ 3,000,000	\$ 3,000,000
FMXXXXX	New Guard Shack at RP-1	\$ 200,000										\$ 200,000	\$ 200,000
FMXXXXX	Recurring Regional Sewer Manhole Procurement	\$ 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 Ent Historian Enhancement	\$ 741,725	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 741,725	\$ 1,000,000

Project Number	Project Name	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	FY 33/34	Total TYCIP FY 2025-2034	Total Project Budget
IS28001	Operational AI and Machine Learning		\$ -	\$ -	\$ -	\$ 300,000	\$ 300,000					\$ 600,000	\$ 600,000
ISXXXXX	Operation Technology Infrastructure for New Assets	\$ 105,000	\$ 105,000	\$ 105,000	\$ 105,000	\$ 105,000	\$ 105,000	\$ 105,000	\$ 105,000	\$ 105,000	\$ 105,000	\$ 1,050,000	\$ 1,050,000
ISXXXXX	SCADA Infrastructure Asset Replacement	\$ 450,000	\$ 450,000	\$ 450,000	\$ 450,000	\$ 450,000	\$ 450,000	\$ 450,000	\$ 450,000	\$ 450,000	\$ 450,000	\$ 4,500,000	\$ 4,500,000
PL26001	Advanced Water Purification Facility	\$ -	\$ -	\$ -	\$ 12,000,000	\$ 20,000,000	\$ 63,000,000	\$ 65,000,000	\$ 63,000,000	\$ -		\$ 223,000,000	\$ 224,235,103
ENXXXXX	Development and Early Design - Compliance for Wastewater Facilities	\$ 4,500,000	\$ 13,700,000	\$ 12,000,000	\$ 15,000,000	\$ -	\$ -	\$ -	\$ -	\$ -		\$ 45,200,000	\$ 45,200,000
Total		\$ 38,512,705	\$ 54,084,000	\$ 39,294,500	\$ 48,770,416	\$ 53,750,000	\$ 94,071,500	\$ 77,465,000	\$ 77,115,000	\$ 12,415,000	\$ 3,815,000	\$ 499,293,121	\$ 548,822,855
RW - Groundwater Recharge Fund													
EN22008	GWR Asset Management Project						\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 700,000	\$ 1,000,000	\$ 4,700,000	\$ 4,718,896
EN22049	GWR-RW OIT Upgrades		\$ 50,000	\$ 50,000								\$ 100,000	\$ 100,000
EN22050	GWR Basin PLC Upgrades		\$ 500,000	\$ 500,000								\$ 1,000,000	\$ 1,000,000
EN23113	RW/GWR Safety Work Improvements For Basi	\$ 742,865	\$ 15,000									\$ 757,865	\$ 1,020,234
IS22005	RW / GWR SCADA Infrastructure Replacemen	\$ 40,000	\$ 43,200	\$ 46,656	\$ 50,388	\$ 54,420	\$ 58,773	\$ 63,475	\$ 68,553	\$ 74,037		\$ 499,502	\$ 600,000
RW15003	Recharge Master Plan Update	\$ 1,565,000	\$ 2,830,000	\$ 3,800,000								\$ 8,195,000	\$ 33,309,354
Total		\$ 2,347,865	\$ 3,438,200	\$ 4,396,656	\$ 50,388	\$ 54,420	\$ 1,058,773	\$ 1,063,475	\$ 1,068,553	\$ 774,037	\$ 1,000,000	\$ 15,252,367	\$ 40,748,483
WC - Recycled Water Fund													
AM23002	Old VFD Replacement (Recycled Water)	\$ 660,000										\$ 660,000	\$ 713,462
EN15002	1158 Reservoir Site Cleanup	\$ 500,000										\$ 500,000	\$ 991,872
EN16065	RW Connections to JCSJ				\$ 3,000,000	\$ 6,000,000	\$ 6,000,000	\$ 6,000,000				\$ 21,000,000	\$ 21,187,207
EN21041	RP-4 Chlorine Contact Basin Cover Repair	\$ 100,000	\$ 4,008,900									\$ 4,108,900	\$ 5,543,757
EN22009	WC Asset Management Project						\$ 9,000,000	\$ 9,000,000	\$ 9,000,000	\$ 9,000,000	\$ 9,000,000	\$ 45,000,000	\$ 45,002,700
EN23037	Etiwanda Interceptor Grade Break RW Rel		\$ 500,000	\$ 3,000,000	\$ 774,000							\$ 4,274,000	\$ 4,299,902
EN23067	Hickory Basin Replacement Monitoring Wel	\$ 302,000										\$ 302,000	\$ 1,624,477
EN23119	RW SCADA Migration	\$ 1,390,000	\$ 2,510,000	\$ 400,000								\$ 4,300,000	\$ 4,768,118
EN23121	1299 Reservoir Paint/Coating Repairs and	\$ 19,500										\$ 19,500	\$ 1,632,404
EN23123	RP-4 Outfall Valve Replacement and Blow	\$ 1,567,000										\$ 1,567,000	\$ 3,388,228
EN23124	1630 East Pump Station VFD Installation	\$ 75,000										\$ 75,000	\$ 664,028
EN24005	1630 West Reservoir Paint/Coating Repair				\$ 50,000	\$ 1,500,000						\$ 1,550,000	\$ 1,550,000
EN24006	930 Reservoir Paint/Coating Repairs and				\$ 50,000				\$ 2,000,000			\$ 2,050,000	\$ 2,050,000
EN24007	1299 RW PS Rehab	\$ 600,000	\$ 2,000,000	\$ 5,000,000								\$ 7,600,000	\$ 7,743,698
EN24008	930 RW Pipeline Blow Off Upgrade		\$ 150,000	\$ 800,000	\$ 347,000							\$ 1,297,000	\$ 1,299,969
EN25003	Install 2 RW Isolation Valves at Edison Avenue Pipeline			\$ 50,000	\$ 350,000							\$ 400,000	\$ 400,000
ENXXXXX	Agency Wide VFD Upgrades (Recycled Water) FY25/26	\$ -	\$ 960,000	\$ 960,000	\$ 960,000	\$ 960,000	\$ 960,000	\$ 960,000	\$ 960,000	\$ 960,000	\$ 960,000	\$ 8,640,000	\$ 8,640,000
ENXXXXX	New Recycled Water Project PDR's FY 24/25	\$ 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
ISXXXXX	Recycled Water SCADA Infrastructure Replacement		\$ 42,000	\$ 42,000	\$ 42,000							\$ 126,000	\$ 126,000
WR23001	Injection Facilities				\$ 25,000,000	\$ 38,000,000	\$ 50,000,000	\$ 35,000,000	\$ 30,000,000			\$ 178,000,000	\$ 179,006,536
WR23002	RW Interconnection to the City of Rialto				\$ 24,000,000	\$ 20,000,000	\$ 30,000,000	\$ 25,000,000	\$ 26,000,000			\$ 125,000,000	\$ 125,691,980
WRXXXXX	Advanced Purified Water Conveyance				\$ 500,000	\$ 3,500,000	\$ 20,000,000	\$ 30,000,000	\$ 19,000,000			\$ 73,000,000	\$ 73,000,000
ENXXXXX	Development and Early Design - Compliance for Recycled Water Facilities	\$ 3,000,000	\$ 10,000,000	\$ 10,000,000								\$ 23,000,000	\$ 23,000,000
Total		\$ 8,313,500	\$ 20,270,900	\$ 20,352,000	\$ 55,173,000	\$ 70,060,000	\$ 116,060,000	\$ 106,060,000	\$ 87,060,000	\$ 10,060,000	\$ 10,060,000	\$ 503,469,400	\$ 513,324,336
WW - Water Resources													
PL19005	Chino Basin Program	\$ 5,960,100						\$ -	\$ -	\$ -	\$ -	\$ 5,960,100	\$ 17,062,979
Total		\$ 5,960,100	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,960,100	\$ 17,062,979

APPENDIX B: Grant Dependent Capital Projects

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Project Number	Project Name	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	FY 33/34	Total TYCIP FY 2025-2034
WW - Water Resources												
WR24001	CBP Extraction Facilities	\$ 3,000,000	\$ 5,000,000	\$ 15,000,000	\$ 40,000,000	\$ 75,000,000	\$ 75,000,000	\$ 57,000,000				\$ 270,000,000
WR26001	CBP RW Interconnection to MWD - Rialto Pipeline				\$ 600,000	\$ 2,400,000	\$ 5,000,000	\$ 5,000,000				\$ 13,000,000
Total		\$ 3,000,000	\$ 5,000,000	\$ 15,000,000	\$ 40,600,000	\$ 77,400,000	\$ 80,000,000	\$ 62,000,000	\$ -	\$ -	\$ -	\$ 283,000,000

**Grant-dependent projects are not included in the TYCIP totals as required agreements & funding have not been finalized to ensure project continuation.*

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APPENDIX C: Ten-Year Operations & Maintenance Project List

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Project Number	Project Name	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	FY 33/34	Total TYCIP FY 2025-2034	Total Project Budget
GG - Administrative Services Fund													
AM24001	IEUA Asset Management Plan - Provide Consulting	\$ 200,000										\$ 200,000	\$ 350,525
AMXXXXX	IEUA Asset Management Plan Updates		\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 1,800,000	\$ 1,800,000
EN24056	PLA Informational Consulting Services	\$ 100,000	\$ 100,000									\$ 200,000	\$ 200,000
FMXXXXX	Access Gate Controls	\$ 250,000										\$ 250,000	\$ 250,000
FMXXXXX	Headquarters Roof Reconfiguration	\$ 400,000										\$ 400,000	\$ 400,000
FMXXXXX	HQ Interior Rehabilitation	\$ 300,000										\$ 300,000	\$ 300,000
FMXXXXX	Magnolia Channel Restoration	\$ 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
FMXXXXX	RP-1 Office Furniture	\$ 250,000										\$ 250,000	\$ 250,000
FMXXXXX	Agency Wide Appliance Replacement	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 200,000	\$ 200,000
	Total	\$ 1,620,000	\$ 420,000	\$ 320,000	\$ 320,000	\$ 320,000	\$ 320,000	\$ 320,000	\$ 320,000	\$ 320,000	\$ 320,000	\$ 4,600,000	\$ 4,750,525
NC - Non-Reclaimable Wastewater Fund													
AMXXXXX	Non-Reclaimable Waste Condition Assessments	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 500,000	\$ 500,000
EN25016	NRWS Emergency O&M Projects FY 24/25	\$ 50,000										\$ 50,000	\$ 50,000
EN26016	NRWS Emergency O&M Projects FY 25/26		\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 450,000	\$ 450,000
ENXXXXX	Non-Reclaimable Waste Connections	\$ 130,000	\$ 130,000	\$ 130,000	\$ 130,000	\$ 130,000	\$ 130,000	\$ 130,000	\$ 130,000	\$ 130,000	\$ 130,000	\$ 1,300,000	\$ 1,300,000
ENXXXXX	Non-Reclaimable Waste Modeling	\$ 53,000										\$ 53,000	\$ 53,000
ENXXXXX	EWL Abandonment Project		\$ 500,000	\$ 1,500,000	\$ 500,000							\$ 2,500,000	\$ 2,500,000
ENXXXXX	Non-Reclaimable Waste On Call Small Projects FY 24/25	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 500,000	\$ 500,000
	Total	\$ 333,000	\$ 780,000	\$ 1,780,000	\$ 780,000	\$ 280,000	\$ 280,000	\$ 280,000	\$ 280,000	\$ 280,000	\$ 280,000	\$ 5,353,000	\$ 5,353,000
RC - Regional Wastewater Capital Improvement Fund													
EN17006.99	CCWRF Asset Management and Improvements	\$ 30,000	\$ 30,000									\$ 60,000	\$ 60,000
EN19001.98	RP-5 Expansion to 30 mgd	\$ 60,000	\$ 60,000	\$ 60,000								\$ 180,000	\$ 180,000
EN19006.98	RP-5 Biosolids Facility	\$ 60,000	\$ 60,000	\$ 60,000								\$ 180,000	\$ 180,000
EN22044.99	RP-1 Thickening Building & Acid Phase Digester	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000							\$ 120,000	\$ 120,000
ENXXXXX	Regional Capital Connections	\$ 160,000	\$ 160,000	\$ 160,000	\$ 160,000	\$ 160,000	\$ 160,000	\$ 160,000	\$ 160,000	\$ 160,000	\$ 160,000	\$ 1,600,000	\$ 1,600,000
	Total	\$ 340,000	\$ 340,000	\$ 310,000	\$ 190,000	\$ 160,000	\$ 160,000	\$ 160,000	\$ 160,000	\$ 160,000	\$ 160,000	\$ 2,140,000	\$ 2,140,000
RO - Regional Wastewater Operations and Maintenance Fund													
AM24010	Agency Wide O&M Manual Update	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000								\$ 3,000,000	\$ 3,080,130
AMXXXXX	Agency Wide Communal Shower Rehabilitation	\$ 150,000	\$ 350,000									\$ 500,000	\$ 500,000
AMXXXXX	Agency Wide Facilities Rehab & Repairs	\$ 60,000	\$ 60,000	\$ 60,000	\$ 62,000	\$ 64,000	\$ 66,000	\$ 70,000	\$ 70,000	\$ 70,000	\$ 70,000	\$ 652,000	\$ 652,000
AMXXXXX	RP-1 Admin Building Entrways	\$ 150,000										\$ 150,000	\$ 150,000
AMXXXXX	Agency Wide Asset Hierarchy and Criticality Assessment	\$ 350,000	\$ 350,000									\$ 700,000	\$ 700,000
AMXXXXX	Condition Assessment Planning Development and Documentation	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 2,000,000	\$ 2,000,000
AMXXXXX	Maintenance and Reliability Consulting Services	\$ 300,000	\$ 300,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 2,600,000	\$ 2,600,000
AMXXXXX	Regional Operation Condition Assessments	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 1,500,000	\$ 1,500,000
AMXXXXX	Regional Operation Technical Support Projects	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 2,500,000	\$ 2,500,000
EN22024	Asset Management Cleaning Services		\$ 500,000	\$ 2,000,000	\$ 1,000,000	\$ 2,000,000	\$ 3,000,000	\$ 1,000,000	\$ 3,000,000	\$ 3,000,000	\$ 2,992,500	\$ 18,492,500	\$ 18,499,929
EN23021	Agency Wide Infiltration and Infow Study	\$ 200,000	\$ 200,000	\$ 150,000								\$ 550,000	\$ 550,660
EN23066	Preserve Lift Station Improvements	\$ 72,000										\$ 72,000	\$ 1,042,188
EN24024	CCWRF Subsidence Monitoring					\$ 50,000	\$ 300,000	\$ 350,000				\$ 700,000	\$ 700,070
EN24041	Regional Sewer-Hydraulic Modeling	\$ 40,000	\$ 40,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 320,000	\$ 364,715
EN25005	MLR Pump Station Condition Assessment and Repair	\$ 100,000	\$ 130,000									\$ 230,000	\$ 230,000
EN25007	CCWRF Primary Dewatering Wetwell Inlet Valves	\$ 30,000	\$ 230,000									\$ 260,000	\$ 260,000
EN25008	PE/RAS/MLR Concrete Structure Condition Assessment and Repair	\$ 100,000	\$ 290,000									\$ 390,000	\$ 390,000
EN25009	CCWRF Primary Scum Wetwell Inlet Valves	\$ 100,000	\$ 145,000									\$ 245,000	\$ 245,000
EN26025	RP2-Preliminary Design Report for Decomm				\$ 500,000	\$ 1,000,000	\$ 1,500,000	\$ 1,500,000	\$ 4,500,000	\$ 8,000,000	\$ 8,000,000	\$ 25,000,000	\$ 25,000,000
EN30001	CCWRF Filter Inlet and Bypass Gates		\$ 950,000									\$ 950,000	\$ 950,000
ENXXXXX	Regional Operation Emergency O&M Projects FY 24/25	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 3,000,000	\$ 3,000,000
ENXXXXX	Regional Operation Safety On-Call O&M Projects FY 24/25	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 2,500,000	\$ 2,500,000
ENXXXXX	Regional Operation Small On-Call O&M Projects FY 24/25	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 5,000,000	\$ 5,000,000
ENXXXXX	Regional Sewer Hydraulic Modeling FY 24/25	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 400,000	\$ 400,000
ENXXXXX	RP-1 Plant Air Expansion Tank Rehabilitation		\$ 100,000	\$ 400,000								\$ 500,000	\$ 500,000
ENXXXXX	Arc Flash Labeling (Wastewater)	\$ 100,000	\$ 100,000									\$ 200,000	\$ 200,000
FM25002	Agency Wide Painting Services for Bldgs.	\$ 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
PA21002	Agency Wide Coatings	\$ 388,810	\$ 445,975	\$ 353,354	\$ 260,955							\$ 1,449,094	\$ 1,499,094
PA22003	Agency Wide Paving		\$ 400,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ 185,000	\$ 3,385,000	\$ 3,734,538
PL21001	Flow & Loading Supplemental Study	\$ 100,000										\$ 100,000	\$ 527,340
PL24001	Chino Creek Surface Water Monitoring Program	\$ 60,000	\$ 60,000	\$ 113,000								\$ 233,000	\$ 323,000
PL24002	PFAS Investigation TPB Increase	\$ 180,000	\$ 50,000									\$ 230,000	\$ 480,000
PL24003	Data Warehouse	\$ 500,000										\$ 500,000	\$ 500,000
PLXXXXX	Regional Operation Planning Documents	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 2,500,000	\$ 2,500,000
PLXXXXX	Water Quality Compliance Strategy	\$ 210,000										\$ 210,000	\$ 210,000
	Total	\$ 6,230,810	\$ 7,740,975	\$ 6,796,354	\$ 4,542,955	\$ 5,834,000	\$ 7,586,000	\$ 5,640,000	\$ 10,290,000	\$ 13,790,000	\$ 13,567,500	\$ 82,018,594	\$ 84,288,664
RW - Groundwater Recharge Fund													
AMXXXXX	Ground Water Recharge Condition Assessments	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 500,000	\$ 500,000

Project Number	Project Name	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	FY 33/34	Total TYCIP FY 2025-2034	Total Project Budget
PLXXXX	MWD Grant - Pilot Testing of PFAS Contamination Remediation from Wells	\$ 600,000										\$ 600,000	\$ 600,000
	Total	\$ 650,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 1,100,000	\$ 1,100,000
WC - Recycled Water Fund													
AMXXXX	Recycled Water Condition Assessments	\$ 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
EN18021	Prado Basin AMP Annual Monitoring	\$ 115,000	\$ 117,500	\$ 120,000	\$ 122,500	\$ 125,000	\$ 127,500	\$ 13,857				\$ 741,357	\$ 1,291,272
EN20031	Recycled Water Program Strategy 2025	\$ 800,000										\$ 800,000	\$ 800,000
EN22028	Philly RW Gravity Line Abandonment	\$ 250,000										\$ 250,000	\$ 250,000
EN24054	Recycled Water Distribution Evaluation	\$ 100,000										\$ 100,000	\$ 100,000
ENXXXX	Recycled Water Emergency O&M Projects FY 24/25	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 1,500,000	\$ 1,500,000
ENXXXX	Recycled Water Hydraulic Modeling FY 24/25	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 400,000	\$ 400,000
ENXXXX	Recycled Water O&M Projects FY 24/25	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 2,500,000	\$ 2,500,000
ENXXXX	Recycled Water Connections	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 2,000,000	\$ 2,000,000
PLXXXX	Recycled Water Planning Documents	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 2,500,000	\$ 2,500,000
WR16001	Water Softener Removal Rebate Program	\$ 75,000	\$ 75,000	\$ 75,000	\$ 50,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000			\$ 375,000	\$ 699,790
WR21029	Implement. of Upper SAR HCP - Recy Water	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000			\$ 2,000,000	\$ 2,000,000
	Total	\$ 2,580,000	\$ 1,432,500	\$ 1,435,000	\$ 1,412,500	\$ 1,390,000	\$ 1,392,500	\$ 1,278,857	\$ 1,265,000	\$ 990,000	\$ 990,000	\$ 14,166,357	\$ 15,041,062
WW - Water Resources													
PL18001	Calif. Data Collab. WUE Data Analytics	\$ 10,000	\$ 10,000	\$ 12,500								\$ 32,500	\$ 75,000
PL23012	Reg Imported Supply Reliability Analysis	\$ 250,000	\$ 250,000	\$ 250,000								\$ 750,000	\$ 1,000,000
PLXXXX	Water Supply Planning Document	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 2,500,000	\$ 2,500,000
WR18028	Chino Basin Water Bank Planning Authority	\$ 250,000	\$ 250,000	\$ 250,000								\$ 750,000	\$ 2,434,492
WR21028	Implement. of Upper SAR HCP - Wtr Benefi	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000			\$ 2,000,000	\$ 2,000,000
WR23004	Discover the Environment and Water (DEW)	\$ 200,000	\$ 200,000	\$ 161,425								\$ 561,425	\$ 709,112
WU24005	WUE Residential Device Rebates	\$ 22,365										\$ 22,365	\$ 65,000
WU24006	WUE CII Device Rebates	\$ 19,700										\$ 19,700	\$ 84,000
WU24011	WUE MA Administered Projects	\$ 150,000										\$ 150,000	\$ 294,491
WU24013	WUE CII Turf Replacement	\$ 50,000										\$ 50,000	\$ 323,750
WU24014	WUE Residential Turf Replacement	\$ 50,000										\$ 50,000	\$ 237,360
WU24016	Turnkey Turf Transformation	\$ 2,824,833	\$ 2,824,833	\$ 2,824,833								\$ 8,474,499	\$ 8,474,499
WUXXXX	CBWCD Leap	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 300,000	\$ 300,000
WUXXXX	CII Device Rebates	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 50,000	\$ 50,000
WUXXXX	CII Turf Replacement	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 50,000	\$ 50,000
WUXXXX	Landscape Irrigation Tune-ups	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 5,000,000	\$ 5,000,000
WUXXXX	Landscape Training Classes	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 100,000	\$ 100,000
WUXXXX	Large Landscape Retrofit	\$ 160,000	\$ 160,000	\$ 160,000	\$ 160,000	\$ 160,000	\$ 160,000	\$ 160,000	\$ 160,000	\$ 160,000	\$ 160,000	\$ 1,600,000	\$ 1,600,000
WUXXXX	MA Administered Projects	\$ 290,000	\$ 290,000	\$ 290,000	\$ 290,000	\$ 290,000	\$ 290,000	\$ 290,000	\$ 290,000	\$ 290,000	\$ 290,000	\$ 2,900,000	\$ 2,900,000
WUXXXX	National Theater For Children	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 400,000	\$ 400,000
WUXXXX	PRV Program	\$ 80,000	\$ 80,000	\$ 80,000	\$ 80,000	\$ 80,000	\$ 80,000	\$ 80,000	\$ 80,000	\$ 80,000	\$ 80,000	\$ 800,000	\$ 800,000
WUXXXX	Residential Device Rebates	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 500,000	\$ 500,000
WUXXXX	Residential Turf Replacement	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 50,000	\$ 50,000
WUXXXX	Small Site WBIC Upgrades	\$ 350,000	\$ 350,000	\$ 350,000	\$ 350,000	\$ 350,000	\$ 350,000	\$ 350,000	\$ 350,000	\$ 350,000	\$ 350,000	\$ 3,500,000	\$ 3,500,000
WUXXXX	Sponsorships and Public Outreach	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 300,000	\$ 300,000
WUXXXX	WUE General Program Fund	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 50,000	\$ 50,000
WUXXXX	WUE Pilot Program	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 400,000	\$ 400,000
	Total	\$ 5,926,898	\$ 5,634,833	\$ 5,598,758	\$ 2,100,000	\$ 2,100,000	\$ 2,100,000	\$ 2,100,000	\$ 2,100,000	\$ 1,850,000	\$ 1,850,000	\$ 31,360,489	\$ 34,197,705

APPENDIX D: Ten-Year Forecast

DRAFT

Project Number	Project Name	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	FY 33/34	Total TYCIP FY 2025-2034	Total Project Budget
RC - Regional Wastewater Capital Improvement Fund													
EN11039	RP-1 Disinfection Pump Improvements	\$ 455,000										\$ 455,000	\$ 12,151,965
EN17006	CCWRF Asset Management and Improvements	\$ 12,975,000	\$ 900,000									\$ 13,875,000	\$ 28,929,828
EN19001	RP-5 Expansion to 30 mgd	\$ 36,000,000	\$ 7,000,000	\$ 2,000,000								\$ 45,000,000	\$ 210,129,260
EN19006	RP-5 Biosolids Facility	\$ 14,000,000	\$ 2,000,000	\$ 2,000,000								\$ 18,000,000	\$ 212,850,548
EN19025	Regional Force Main Improvements	\$ 500,000										\$ 500,000	\$ 5,341,880
EN21045	Montclair Force Main Improvements	\$ 2,000,000	\$ 3,800,000									\$ 5,800,000	\$ 7,239,505
EN22006	RC Asset Managment						\$ 8,000,000	\$ 8,000,000	\$ 8,000,000	\$ 8,000,000	\$ 8,000,000	\$ 40,000,000	\$ 40,005,250
EN22022	RP-1 Air Compressor Upgrades	\$ 2,000,000	\$ 2,200,000									\$ 4,200,000	\$ 5,121,665
EN22039	RP-4 SCADA Performance Improvement	\$ 300,000	\$ 350,000	\$ 270,000								\$ 920,000	\$ 1,007,473
EN22044	RP-1 Thickening Building & Acid Phase Di	\$ 20,000,000	\$ 65,000,000	\$ 55,000,000	\$ 5,500,000							\$ 145,500,000	\$ 158,950,424
EN23025	Agency Power Monitoring		\$ 499,457									\$ 499,457	\$ 530,000
EN24001	RP-1 Liquid Treatment Capacity Recovery					\$ 3,000,000	\$ 12,000,000	\$ 15,000,000	\$ 15,000,000	\$ 35,000,000	\$ 50,000,000	\$ 130,000,000	\$ 134,371,795
EN24002	RP-1 Solids Treatment Expansion	\$ 500,000	\$ 4,000,000	\$ 4,000,000	\$ 10,000,000	\$ 20,000,000	\$ 8,249,000					\$ 46,749,000	\$ 48,049,092
EN24022	IEUA SCADA Master Plan	\$ 750,000										\$ 750,000	\$ 750,000
EN24027	Fall Protection and Prevention Solutions at specified wastewater locations	\$ 996,000	\$ 2,000,000	\$ 2,000,000	\$ 2,000,000	\$ 500,000						\$ 7,496,000	\$ 7,956,253
EN24028	RP-1 Utility Water Piping Asset Management Phase I		\$ 120,000	\$ 1,500,000	\$ 700,000							\$ 2,320,000	\$ 2,427,793
EN24030	Headquarter B additional Office Space	\$ 27,500										\$ 27,500	\$ 127,500
EN24031	RP-4 Manhole Surcharge Remediation	\$ 600,000										\$ 600,000	\$ 797,500
EN28002	RP-1 Centrate Treatment				\$ 1,600,000	\$ 3,300,000	\$ 3,300,000					\$ 8,200,000	\$ 8,200,000
IS22006	SCADA Network Infrastructure Replacement	\$ 300,000	\$ 308,000	\$ 333,900	\$ 361,900	\$ 392,147	\$ 424,798	\$ 460,062	\$ 498,147	\$ 539,129		\$ 3,618,083	\$ 4,300,000
PL17002	HQ Solar Photovoltaic Power Plants Ph. 2			\$ 300,000	\$ 1,100,000							\$ 1,400,000	\$ 1,400,000
PL19001	Purchase Existing Solar Installation			\$ 3,500,000								\$ 3,500,000	\$ 3,500,000
ENXXXXX	Collection System Upgrades FY 24/25	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 5,000,000	\$ 5,000,000
ENXXXXX	Regional Capital PDR FY 24/25	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 3,000,000	\$ 3,000,000
ENXXXXX	Chino Interceptor Diversion Pipe Repair			\$ 500,000	\$ 2,100,000	\$ 500,000						\$ 3,100,000	\$ 3,100,000
ENXXXXX	Cucamonga Interceptor Pipe Repair				\$ 400,000	\$ 750,000						\$ 1,150,000	\$ 1,150,000
ENXXXXX	Freeway Trunk Pipe Repair							\$ 1,000,000	\$ 4,000,000	\$ 4,000,000	\$ 4,000,000	\$ 13,000,000	\$ 13,000,000
ENXXXXX	Regional System Siphon Barrel Gate Improvements		\$ 325,000	\$ 610,000								\$ 935,000	\$ 935,000
ENXXXXX	Riverside Drive Trunk Pipe Repair							\$ 1,000,000	\$ 1,850,000	\$ 1,400,000		\$ 4,250,000	\$ 4,250,000
Total		\$ 92,203,500	\$ 89,302,457	\$ 72,813,900	\$ 24,561,900	\$ 29,242,147	\$ 32,773,798	\$ 26,260,062	\$ 30,148,147	\$ 49,739,129	\$ 62,800,000	\$ 509,845,040	\$ 924,572,732
RO - Regional Wastewater Operations and Maintenance Fund													
AM23001	Old VFD Replacement (Wastewater)	\$ 1,100,000										\$ 1,100,000	\$ 1,152,982
AMXXXXX	Agency Wide Air Relief Valves	\$ 300,000										\$ 300,000	\$ 300,000
AMXXXXX	Agency Wide Remote Vibration Project	\$ 200,000	\$ 150,000	\$ 150,000								\$ 500,000	\$ 500,000
AMXXXXX	Asset Management Software	\$ 200,000	\$ 500,000	\$ 50,000								\$ 750,000	\$ 750,000
AMXXXXX	Regional Operation Asset Management						\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 5,000,000	\$ 5,000,000
EN13016	SCADA Enterprise System	\$ 6,295,000	\$ 6,000,000									\$ 12,295,000	\$ 37,560,375
EN17042	Digester 6 and 7 Roof Repairs	\$ 2,200,000										\$ 2,200,000	\$ 10,049,383
EN18025	RP-1 Secondary System Rehabilitation	\$ 500,000	\$ 2,000,000	\$ 7,000,000	\$ 2,000,000							\$ 11,500,000	\$ 11,500,000
EN19009	RP-1 Energy Recovery	\$ 1,000,000	\$ 500,000									\$ 1,500,000	\$ 1,950,408
EN20044	RP-1 Plant 3 Primary Cover Replacement		\$ 400,000									\$ 400,000	\$ 400,000
EN20045	RP-1 TP-1 Level Sensor Replacement		\$ 500,000									\$ 500,000	\$ 543,521
EN20051	RP-1 MCB and Old Lab Building Rehab	\$ 905,000	\$ 860,000									\$ 1,765,000	\$ 2,454,295
EN20057	RP-4 Process Improvements Phase II	\$ 4,000,000	\$ 4,300,000	\$ 1,000,000								\$ 9,300,000	\$ 10,352,112
EN21053	RP-1 Old Effluent Structure Rehabilitati	\$ 450,000	\$ 1,450,000									\$ 1,900,000	\$ 2,588,562
EN21056	RP-1 Evaporative Cooling for Aeration Bl	\$ 1,311,000										\$ 1,311,000	\$ 1,828,520
EN22025	RP-1 Dump Station						\$ 750,000	\$ 1,100,000				\$ 1,850,000	\$ 1,850,126
EN22027	RP-1 Repurpose Lab	\$ 1,000,000	\$ 754,000									\$ 1,754,000	\$ 2,622,702
EN22031	RP-1 Intermediate Pump Station Electrica	\$ 500,000	\$ 3,000,000	\$ 3,000,000								\$ 6,500,000	\$ 7,318,255
EN23000	RP1 Device Net Replacement	\$ 1,000,000	\$ 1,000,000									\$ 2,000,000	\$ 2,516,766
EN23004	CCWRF Aeration Basins 1-6 Drain Valves		\$ 250,000	\$ 600,000	\$ 185,000							\$ 1,035,000	\$ 1,276,082
EN23024	RP-1 TP-1 Stormwater Drainage Upgrades	\$ 57,000	\$ 300,000	\$ 904,500	\$ 6,416							\$ 1,267,916	\$ 1,394,352
EN23036	San Bernardino Ave LS Reliability Improv	\$ 1,000,000	\$ 1,800,000									\$ 2,800,000	\$ 3,198,931
EN23111	RP1 Headworks Bar Screen System Improvem	\$ 300,000										\$ 300,000	\$ 2,278,710
EN23114	RP1 Instrumentation and Control Enhancem		\$ 200,000	\$ 1,000,000								\$ 1,200,000	\$ 1,349,541
EN24020	RP-1 Dewatering Centrate Pumps	\$ 1,550,000										\$ 1,550,000	\$ 2,442,824
EN24023	RP3 Regional Sewer Diversion Structure Rehab	\$ 635,000										\$ 635,000	\$ 835,000
EN24025	REEP Return to Service Capital	\$ 1,800,000	\$ 1,800,000									\$ 3,600,000	\$ 7,215,000
EN24029	RP-1 Tertiary Asset Management Phase I	\$ 500,000	\$ 2,500,000	\$ 989,000								\$ 3,989,000	\$ 3,999,588
EN24032	RP-1 Primary Clarifier #1 and #10 Rehabilitation	\$ 1,210,000	\$ 1,000,000									\$ 2,210,000	\$ 2,541,980
EN24033	Annular Seals			\$ 1,000,000								\$ 1,000,000	\$ 1,370,000
EN24059	Chino Hills Trunk-014 Sewer Siphon CIPP Repair	\$ 892,980	\$ 150,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,042,980	\$ 1,042,980
EN25002	SSI Aeration Disk Replacement		\$ 100,000	\$ 550,000	\$ 200,000	\$ 1,200,000		\$ 250,000	\$ 1,200,000			\$ 3,500,000	\$ 3,500,000
EN25006	CCWRF Primary Clarifier Coating	\$ 140,000	\$ 1,260,000									\$ 1,400,000	\$ 1,400,000

Project Number	Project Name	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	FY 33/34	Total TYCIP FY 2025-2034	Total Project Budget
EN25020	RP-1 Digester Cleaning Lagoon (DCL) Linl								\$ 100,000	\$ 600,000		\$ 700,000	\$ 700,000
EN27001	RP-1 Equilization Basin #1 Access Ramp					\$ 35,000	\$ 106,500	\$ 300,000				\$ 441,500	\$ 441,500
EN29003	Replace Aeration Basin Influent / RAS, Step feed Gates		\$ 3,800,000									\$ 3,800,000	\$ 3,800,000
EN29004	CCWRF Secondary Clarifier Weir Covers		\$ 1,050,000									\$ 1,050,000	\$ 1,050,000
EN29005	RP5 O&M Building				\$ 3,000,000	\$ 20,000,000	\$ 20,000,000	\$ 5,000,000				\$ 48,000,000	\$ 48,000,000
EN29006	RP-1 Dewatering Silos Levelers Relocation					\$ 500,000	\$ 1,400,000					\$ 1,900,000	\$ 1,900,000
EN29007	RP-1 Operations and Maintenance Building Rehabilitation/Modernization					\$ 50,000	\$ 450,000	\$ 1,000,000	\$ 8,000,000	\$ 7,000,000		\$ 16,500,000	\$ 16,500,000
EN30002	CCWRF Outfall Discharge Structure and Culvert Rehab		\$ 520,000									\$ 520,000	\$ 520,000
ENXXXXX	Agency Wide VFD Upgrades (Wastewater) FY25/26	\$ -	\$ 960,000	\$ 960,000	\$ 960,000	\$ 960,000	\$ 960,000	\$ 960,000	\$ 960,000	\$ 960,000	\$ 960,000	\$ 8,640,000	\$ 8,640,000
ENXXXXX	CCWRF Electrical Improvements	\$ 500,000	\$ 750,000	\$ 2,725,000	\$ 2,725,000							\$ 6,700,000	\$ 6,700,000
ENXXXXX	CCWRF Fire Hydrant Valves	\$ 150,000	\$ 250,000									\$ 400,000	\$ 400,000
ENXXXXX	CCWRF Process Improvements Phase II	\$ 200,000	\$ 325,000	\$ 400,000	\$ 1,500,000	\$ 5,750,000	\$ 3,250,000					\$ 11,425,000	\$ 11,425,000
ENXXXXX	Regional Operation Project PDR's FY 24/25	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 2,000,000	\$ 2,000,000
ENXXXXX	RSS - Collection System Pipe Rehabilitation and Lining	\$ 1,000,000				\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 7,000,000	\$ 7,000,000
ENXXXXX	RP-1 Centrate Line Struvite Prevention		\$ 250,000	\$ 500,000								\$ 750,000	\$ 750,000
ENXXXXX	RP-1 Grit Classifiers Replacement		\$ 250,000	\$ 250,000								\$ 500,000	\$ 500,000
ENXXXXX	RP-1 Plant Air Expansion Tank Replacement		\$ 250,000									\$ 250,000	\$ 250,000
ENXXXXX	RP-4 Process Improvements Phase III		\$ 500,000	\$ 2,000,000	\$ 7,500,000	\$ 1,500,000						\$ 11,500,000	\$ 11,500,000
ENXXXXX	San Bernardino Lift Station Containment	\$ 150,000	\$ 250,000									\$ 400,000	\$ 400,000
ENXXXXX	Montclair Diversion Structure Enhancements			\$ 250,000	\$ 250,000							\$ 500,000	\$ 500,000
EP24001	Agency Wide Major Facilities O&M Repair/Replacement	\$ 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	\$ 9,000,000	\$ 9,908,257
FMXXXXX	RP-4 Scissor Lift	\$ 70,000										\$ 70,000	\$ 70,000
FMXXXXX	Security Upgrades	\$ 600,000	\$ 600,000	\$ 600,000	\$ 600,000	\$ 600,000						\$ 3,000,000	\$ 3,000,000
FMXXXXX	New Guard Shack at RP-1	\$ 200,000										\$ 200,000	\$ 200,000
FMXXXXX	Recurring Regional Sewer Manhole Procurement	\$ 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 Ent Historian Enhancement	\$ 741,725	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 741,725	\$ 1,000,000
IS28001	Operational AI and Machine Learning		\$ -	\$ -	\$ -	\$ 300,000	\$ 300,000					\$ 600,000	\$ 600,000
ISXXXXX	Operation Technology Infrastructure for New Assets	\$ 105,000	\$ 105,000	\$ 105,000	\$ 105,000	\$ 105,000	\$ 105,000	\$ 105,000	\$ 105,000	\$ 105,000	\$ 105,000	\$ 1,050,000	\$ 1,050,000
ISXXXXX	SCADA Infrastructure Asset Replacement	\$ 450,000	\$ 450,000	\$ 450,000	\$ 450,000	\$ 450,000	\$ 450,000	\$ 450,000	\$ 450,000	\$ 450,000	\$ 450,000	\$ 4,500,000	\$ 4,500,000
PL26001	Advanced Water Purification Facility	\$ -	\$ -	\$ -	\$ 12,000,000	\$ 20,000,000	\$ 63,000,000	\$ 65,000,000	\$ 63,000,000	\$ -		\$ 223,000,000	\$ 224,235,103
ENXXXXX	Development and Early Design - Compliance for Wastewater Facilities	\$ 4,500,000	\$ 13,700,000	\$ 12,000,000	\$ 15,000,000	\$ -	\$ -	\$ -	\$ -	\$ -		\$ 45,200,000	\$ 45,200,000
Total		\$ 38,512,705	\$ 54,084,000	\$ 39,294,500	\$ 48,770,416	\$ 53,750,000	\$ 94,071,500	\$ 77,465,000	\$ 77,115,000	\$ 12,415,000	\$ 3,815,000	\$ 499,293,121	\$ 548,822,855

**RECEIVE AND
FILE**

4A

Building Activity Report - YTD Fiscal Year 2023/24



Legend

- Service Area
- Unincorporated

Residential

- <=1.0
- 1.0 - 10.0
- >10.0

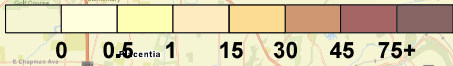
Commercial

- <=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	81	0	97	178	434
Chino Hills	4	0	0	4	19
CVWD	60	0	3	63	2050
Fontana	30	0	646	676	962
Montclair	11	0	0	11	474
Ontario	85	1	355	441	3780
Upland	6	0	32	38	340
Total	277	1	1133	1411	8059

