



REGIONAL SEWERAGE PROGRAM TECHNICAL COMMITTEE MEETING

MARCH 28, 2024

2:00 P.M.

AGENDA

1. Pretreatment & Compliance Updates (*Oral*)
2. **Information Items**
 - a. Ten-Year Capital Improvement Plan & Ten-Year Sewer Capital Forecast FY 2024/25 – FY 2033/34
 - b. Grants Semi-Annual Update
3. **Receive and File Items**
 - a. Draft Regional Sewerage Policy Committee Agenda
 - b. Building Activity Report
4. **Other Business**
 - a. Committee Member Requested Future Agenda Items
 - b. Committee Member Comments
5. Next Regular Meeting – April 25, 2024



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

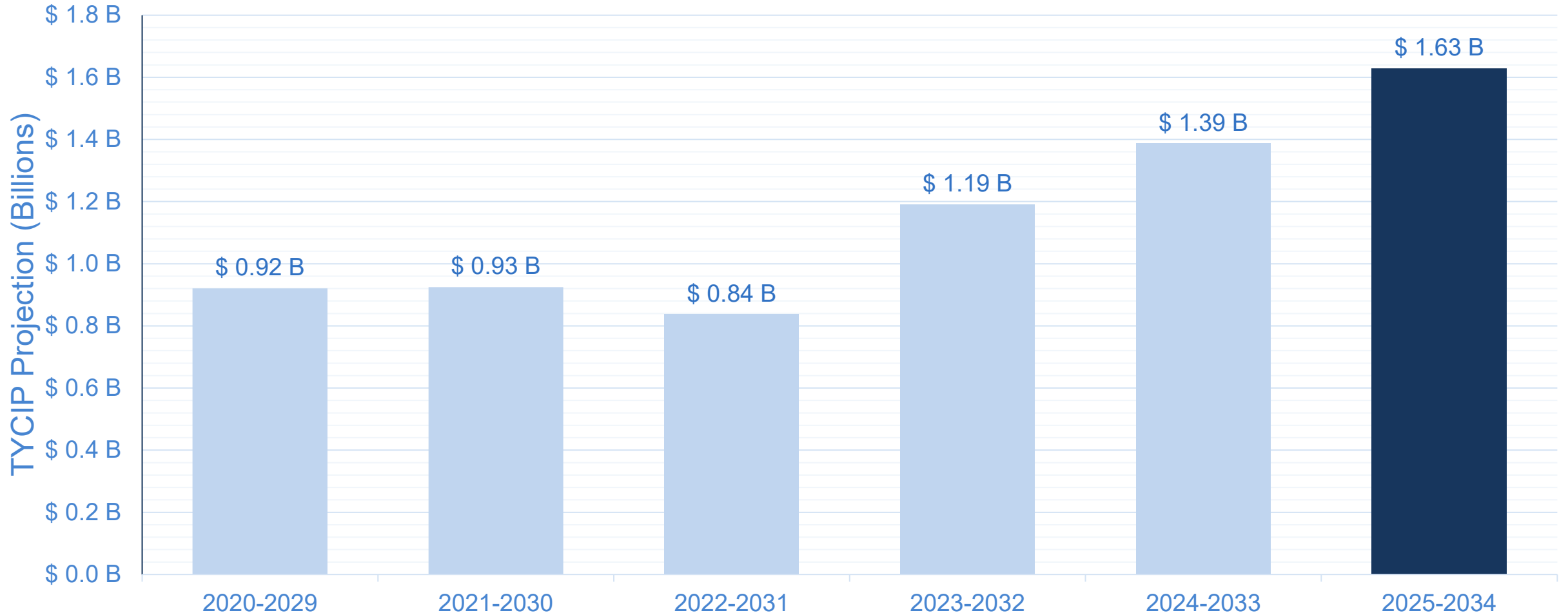
March/April 2024

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

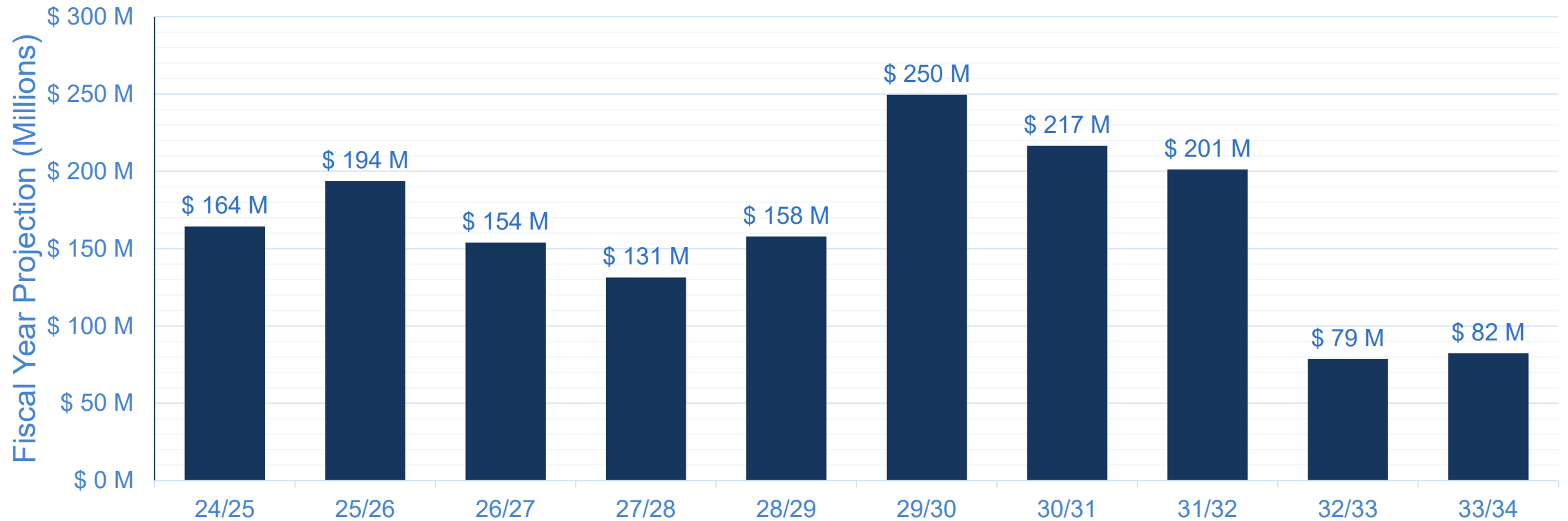


Historical Capital Improvement Trend

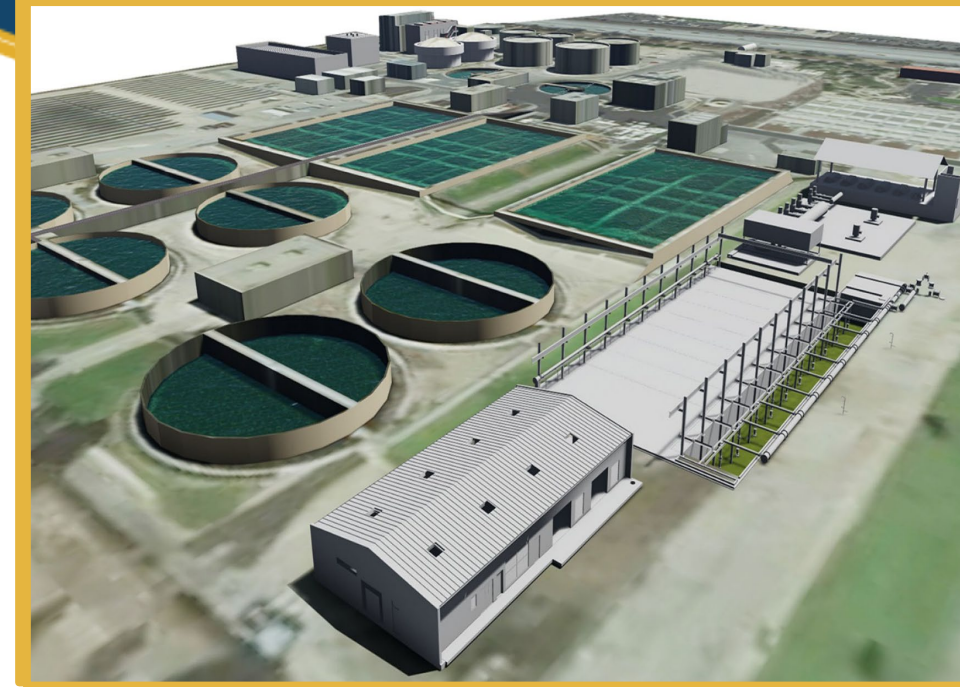


Ten-Year Capital Improvement Plan

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



Ten-Year Capital Improvement Plan



RP-5 Liquids & Solids Expansion

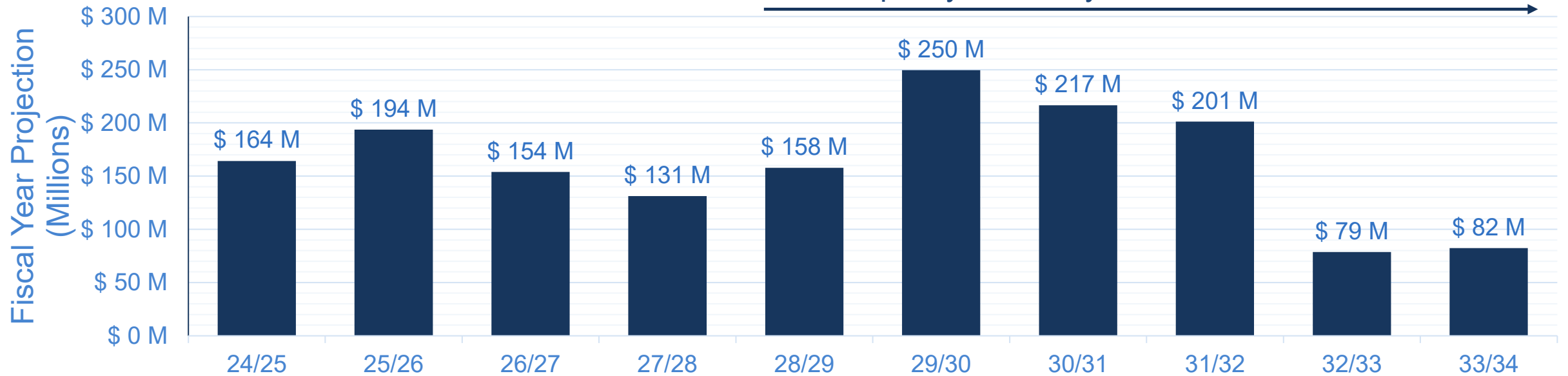
RP-1 Thickening & Acid Phase Digesters

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)

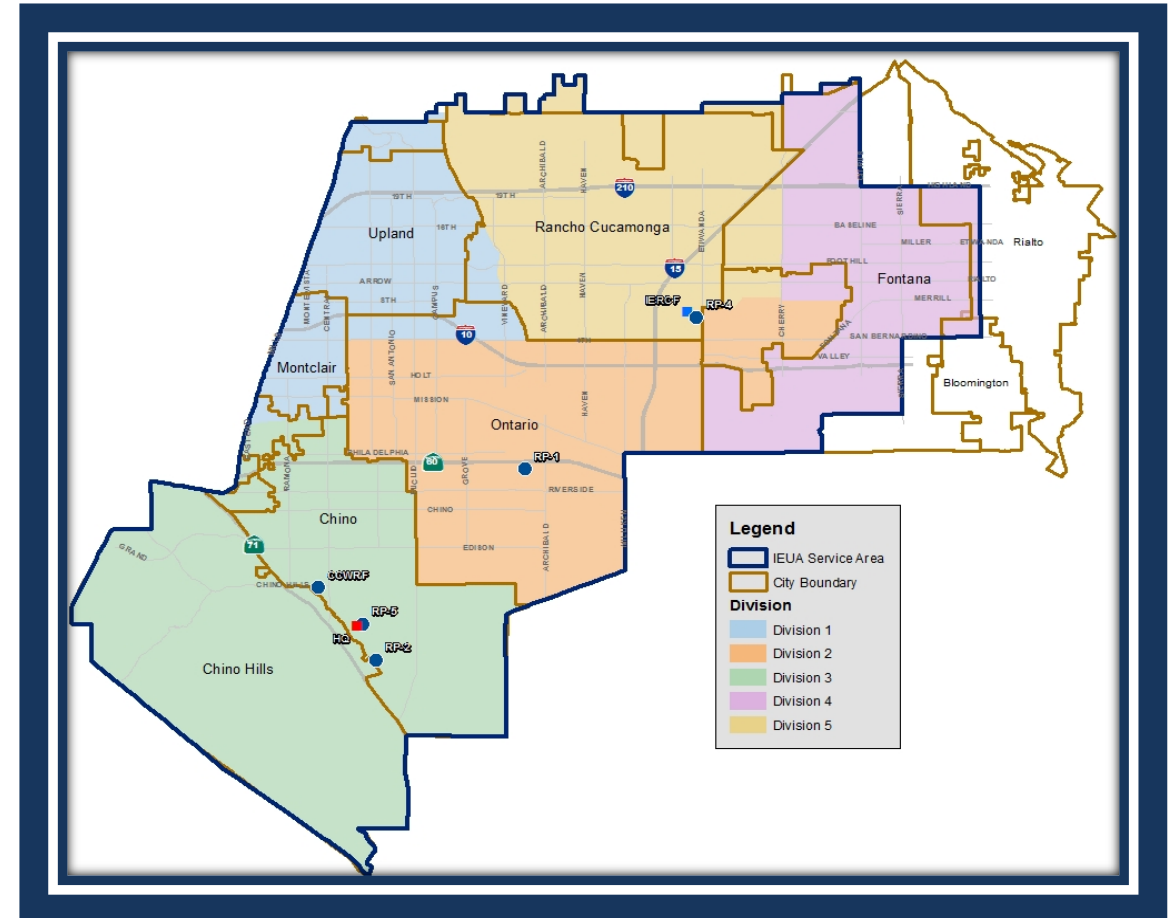
- Ensures compliance with Regional Sewage Service Contract and Ordinance No. 114
- Planning document
- Contains supplemental wastewater information



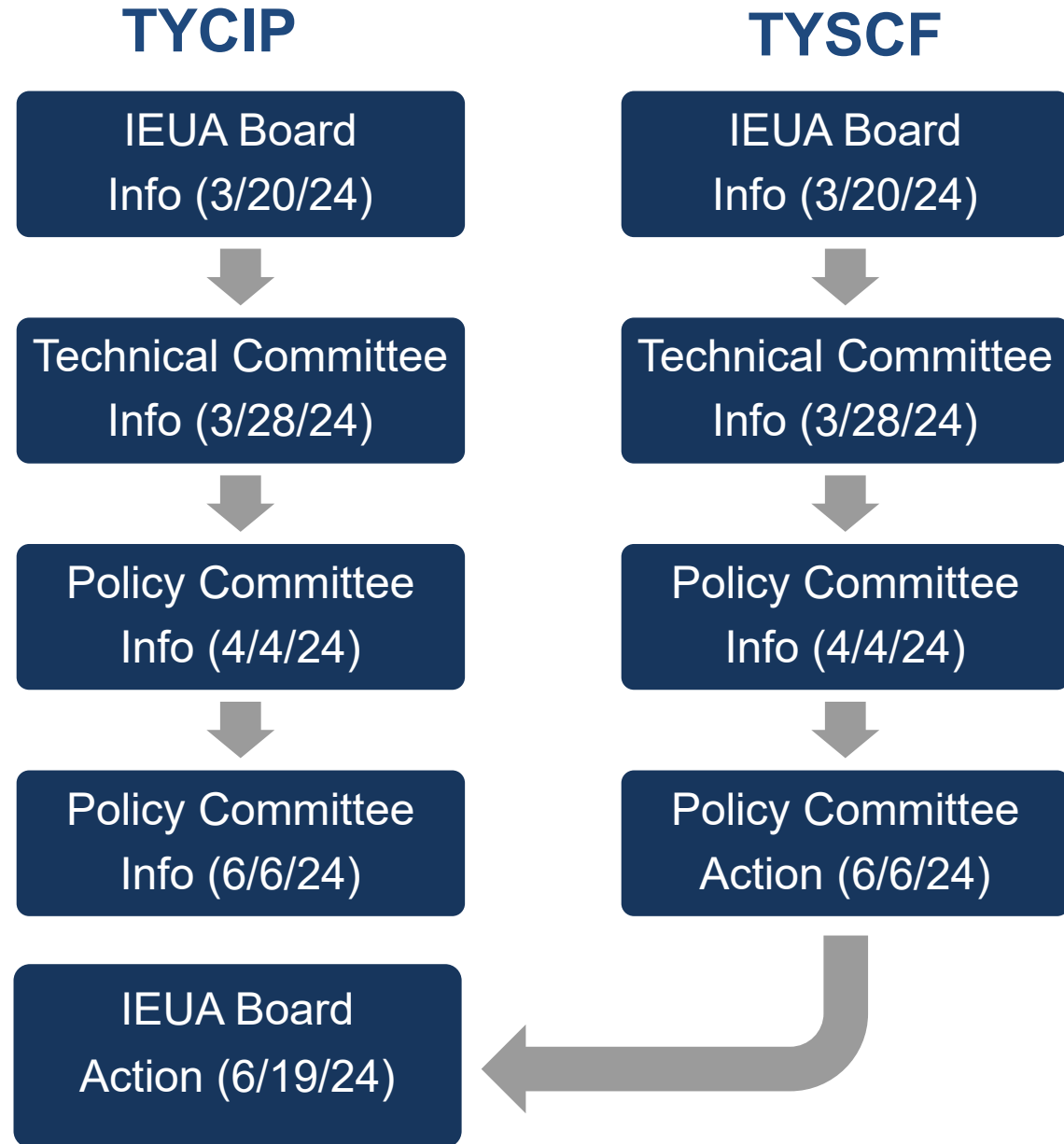
Wastewater Capital Spending Comparison

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?

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.

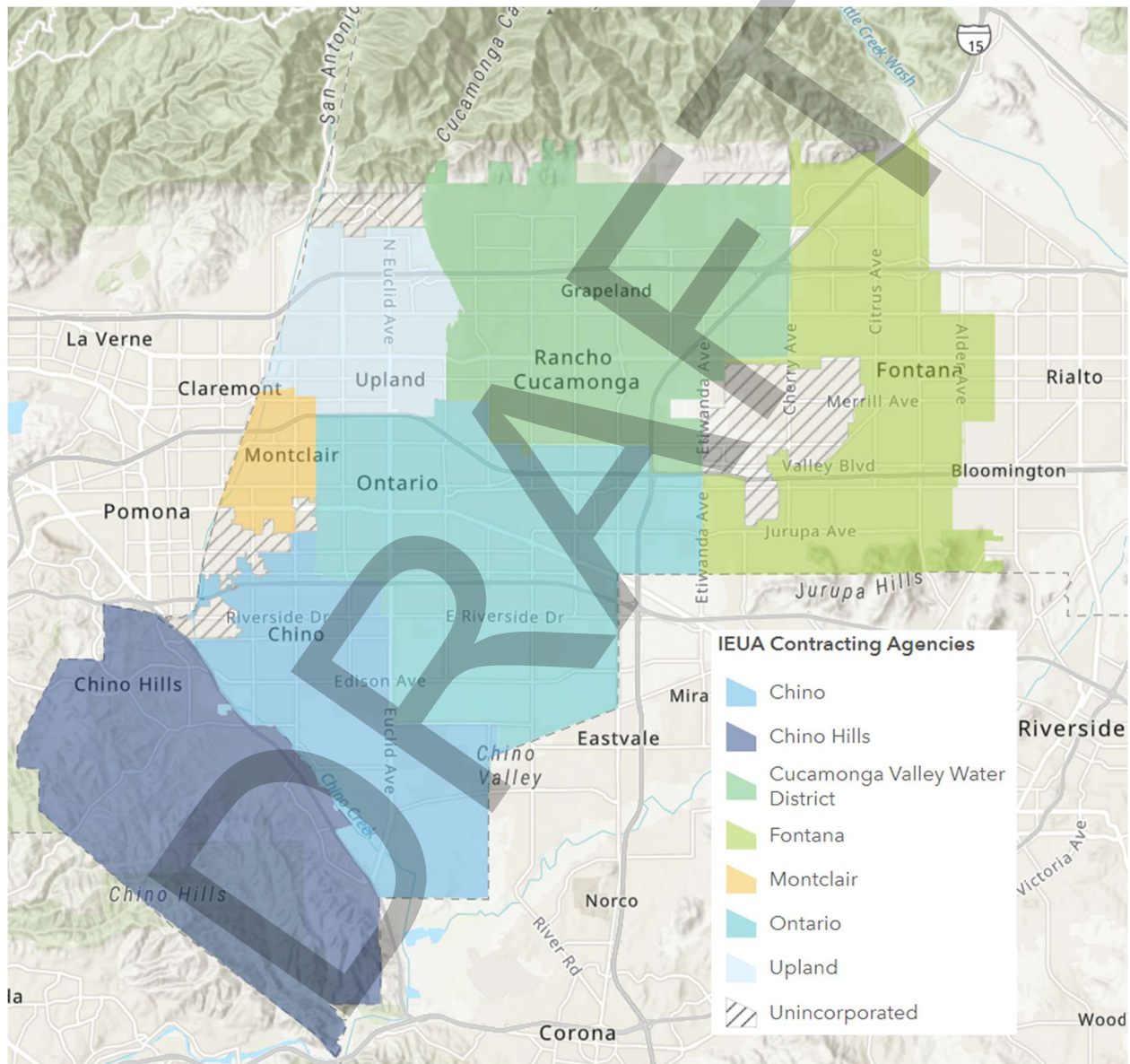


Figure 1 – IEUA Customer Agencies

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.

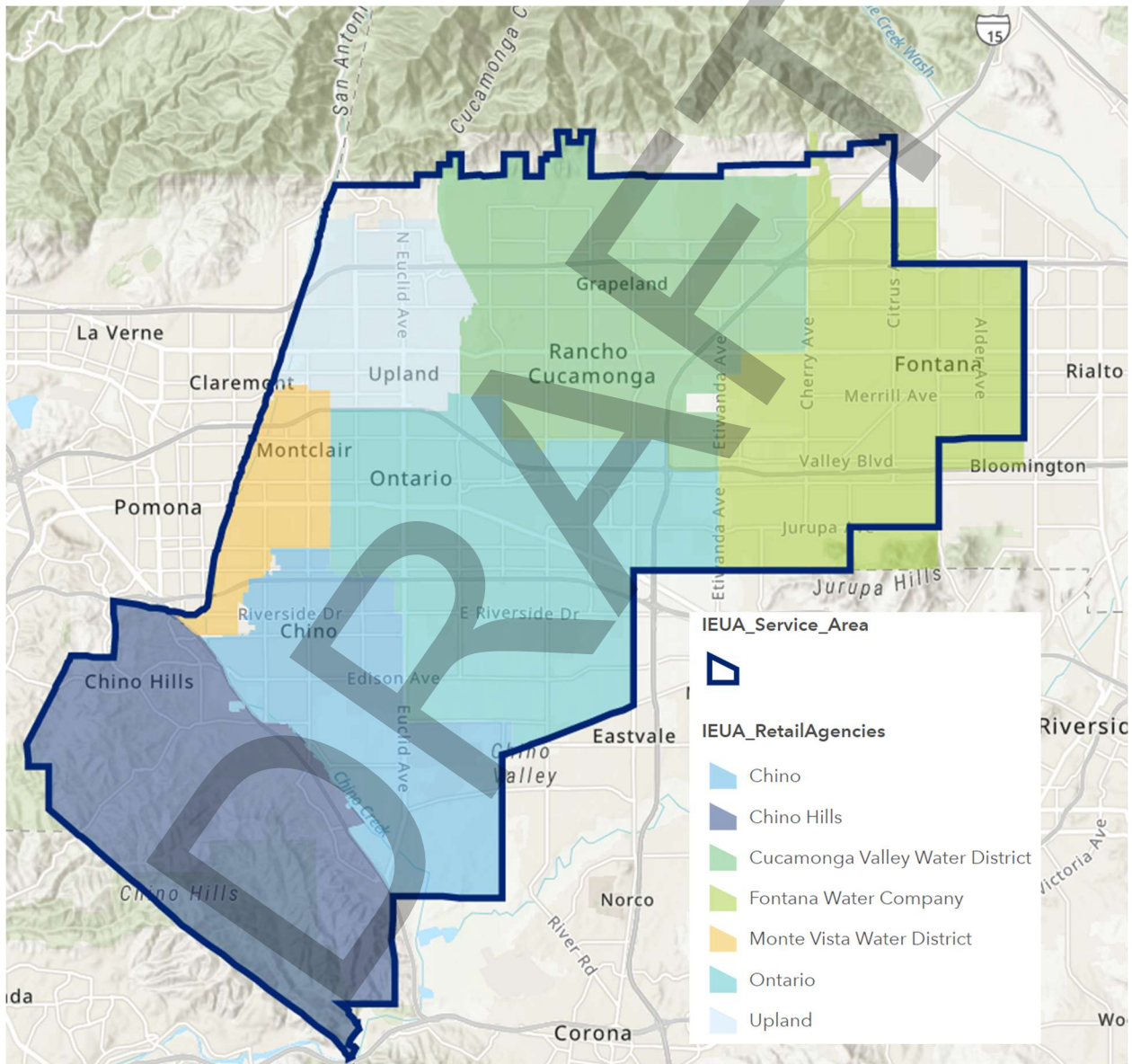


Figure 2 – IEUA Member Agencies

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.

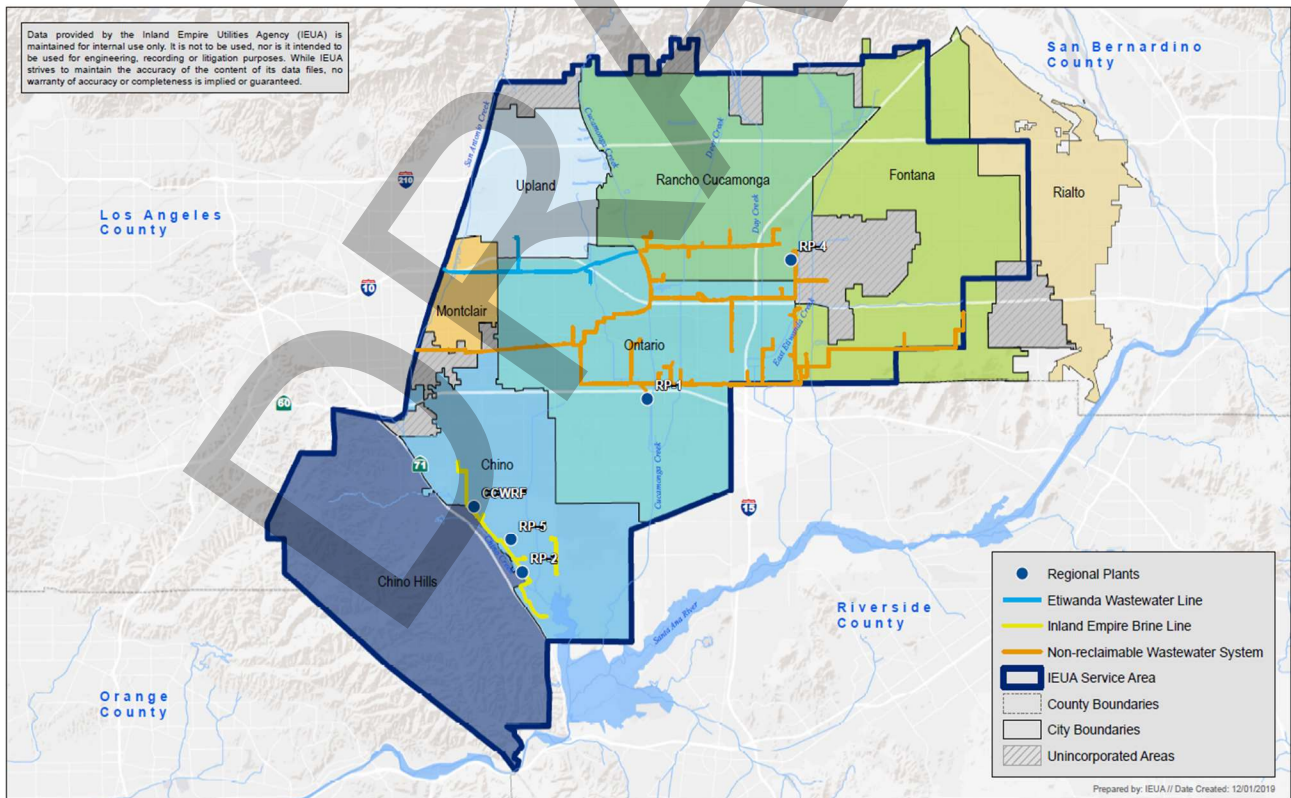


Figure 3 – IEUA Non-Reclaimable Wastewater System

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.

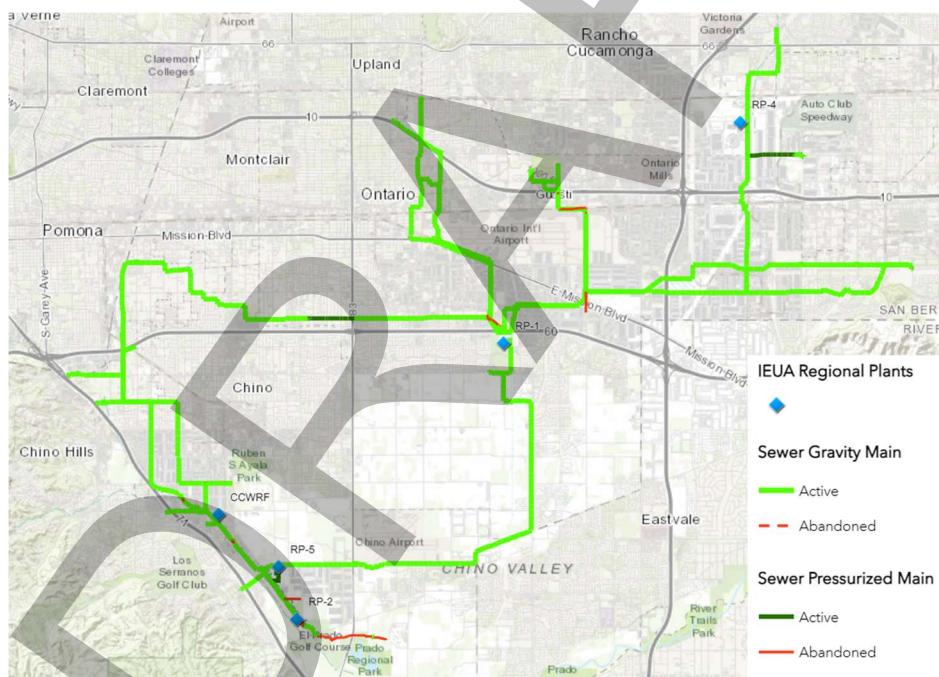


Figure 4 – IEUA Regional Wastewater System

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.

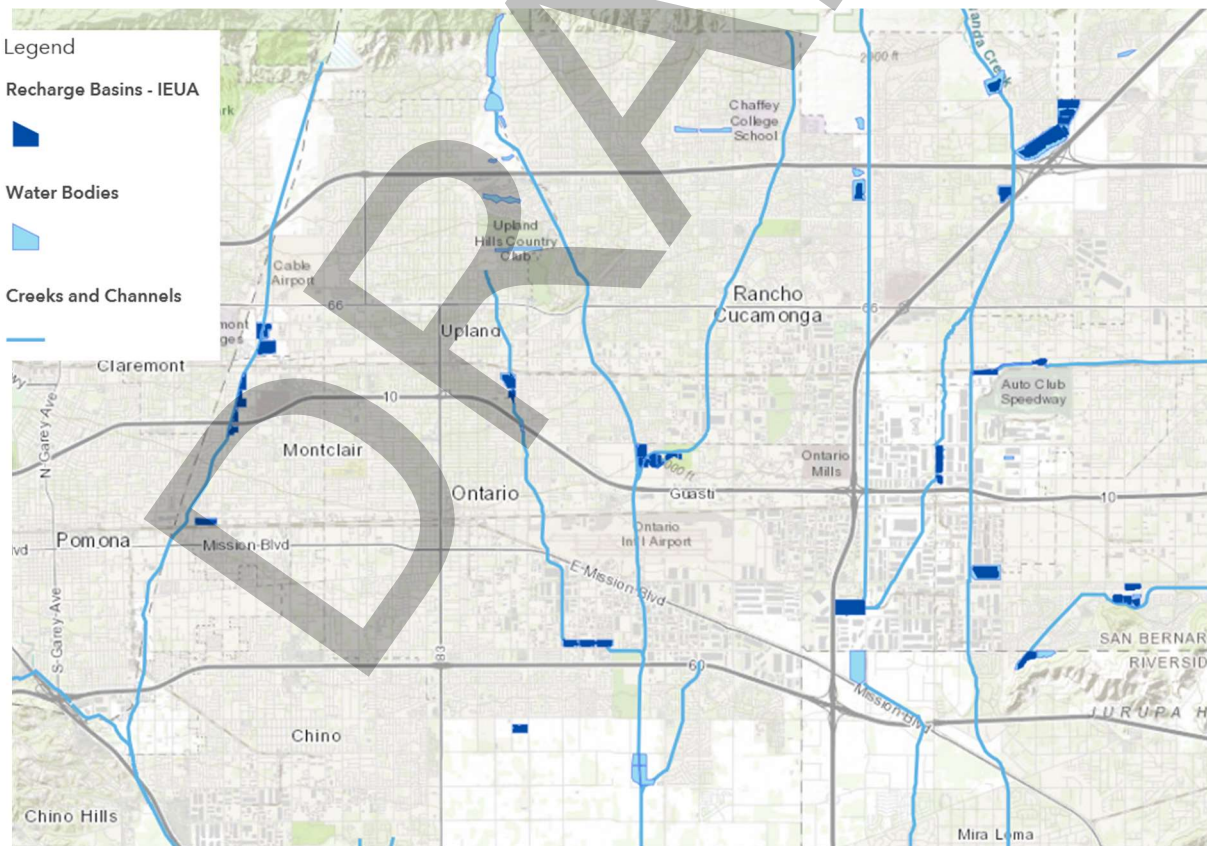


Figure 5 – Chino Basin Groundwater Recharge Locations

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.

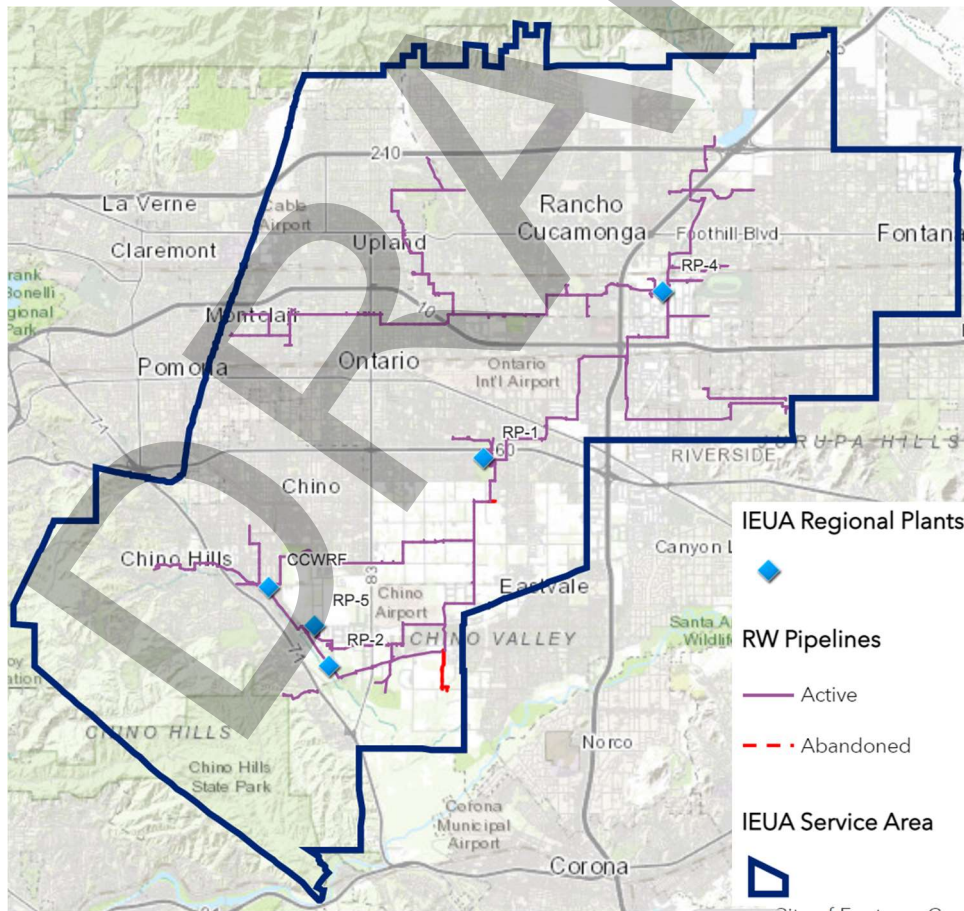


Figure 6 – Regional Recycled Water Distribution System

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 Surge 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 JCSD				\$ 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
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) 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	\$ 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



Grants Semi-Annual Update

Alyson Piguee, Director of External & Government Affairs

March/April 2024

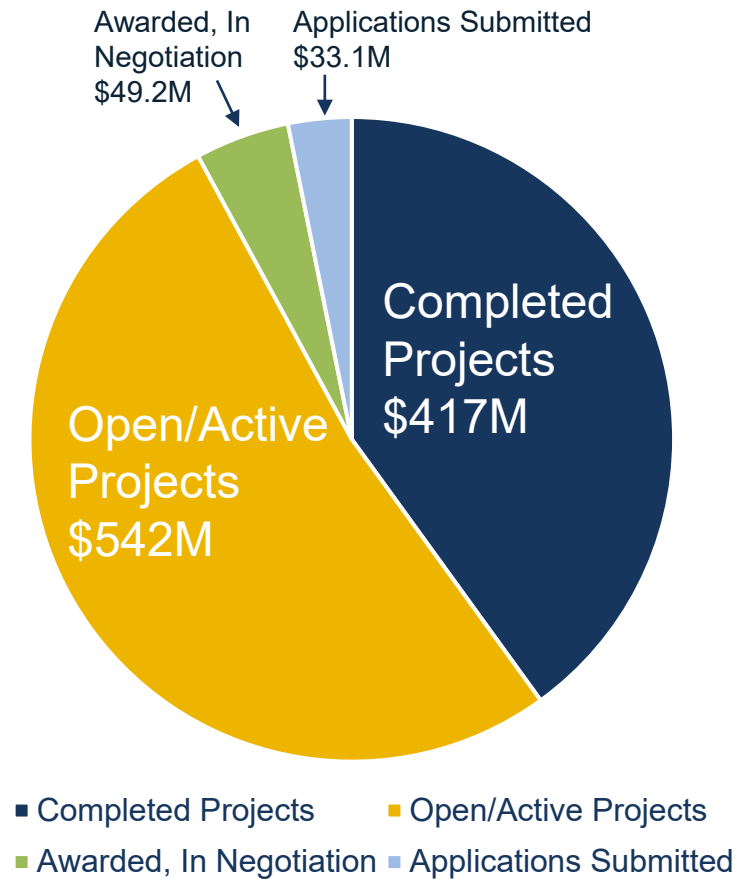
Grant & Loan Funding Overview

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



Grant & Loan Funding Overview

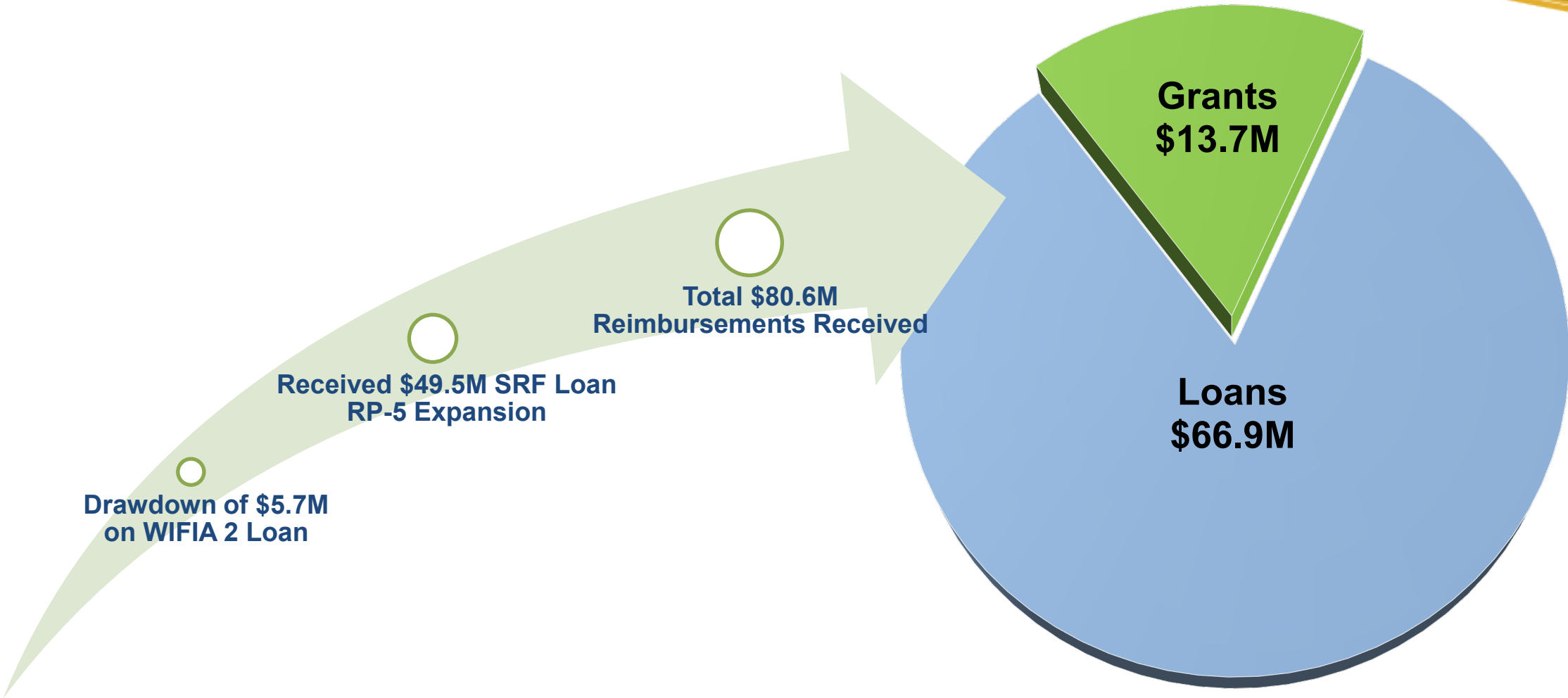
IEUA Grant/Loan Awards since 2000



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?





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 Item**
 - 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.

Building Activity Report - YTD Fiscal Year 2023/24



Legend

- Service Area
- Unincorporated

Residential

- <=1.0
- 1.0 - 10.0
- >10.0

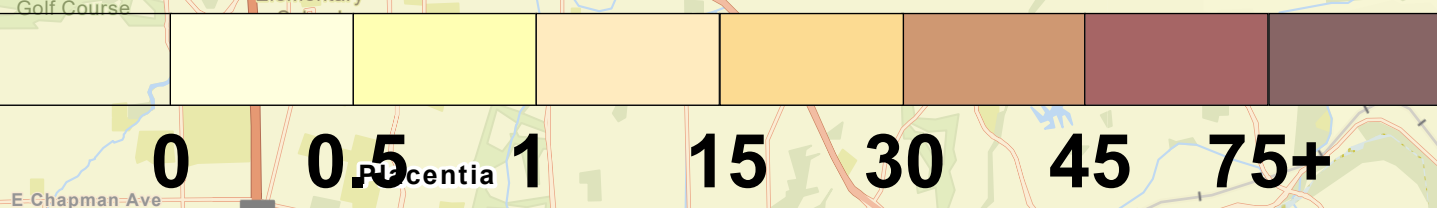
Commercial

- <=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				Projected
	Commercial (EDUs)	Industrial (EDUs)	Residential (EDUs)	Total (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

