



Yucaipa Valley Water District

12770 Second Street, Yucaipa, California 92399

**Operating Budget and
Capital Improvement Program
for Fiscal Year 2024**

July 1, 2023 to June 30, 2024

Proposed – June 6, 2023

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Chapter One

Fiscal Year 2024

Operating Budget Overview

Introduction

The Yucaipa Valley Water District is made up of a proactive and diverse group of elected officials and employees dedicated to providing reliable drinking water, recycled water and sewer service in an efficient, cost effective manner that provides a high level of customer satisfaction. On May 1, 2002, the Board of Directors adopted the following mission statement to clearly reflect the vision and principles that guide the dedicated elected officials and employees of the District.

Yucaipa Valley Water District is committed to professionally managing the precious potable drinking water, sewer and recycled water resources of the Yucaipa Valley in a reliable, efficient and cost-effective manner in order to provide the finest service to our customers, both present and future.

We are entrusted to serve the public for the benefit of the community.

We believe in responsive, innovative and aggressive service, and take pride in getting the job done right the first time.

We encourage a work environment that fosters professionalism, creativity, teamwork and personal accountability.

We treat our customers and one another with fairness, dignity, respect and compassion and exhibit the utmost integrity in all we do.

We believe in enhancing the environment by following a general philosophy of eliminating waste and maximizing recycling and reuse of our natural resources.

We are committed to using the following operating principles as a guide to accomplishing our mission:

- We are proactive in our approach to issues.
- We are committed to integrity and consistently high ethical standards in all our business dealings.
- We use the strategic planning process to focus our efforts and minimize our crisis management mode.
- We make informed, rational and objective decisions.
- We aggressively pursue technological solutions to improve operations.
- We are inclusive in our decision making and delegate responsibility whenever possible.
- We design our services around customer wants and needs to the degree possible within our financial and regulatory constraints.
- We cultivate widespread commitment to common goals.

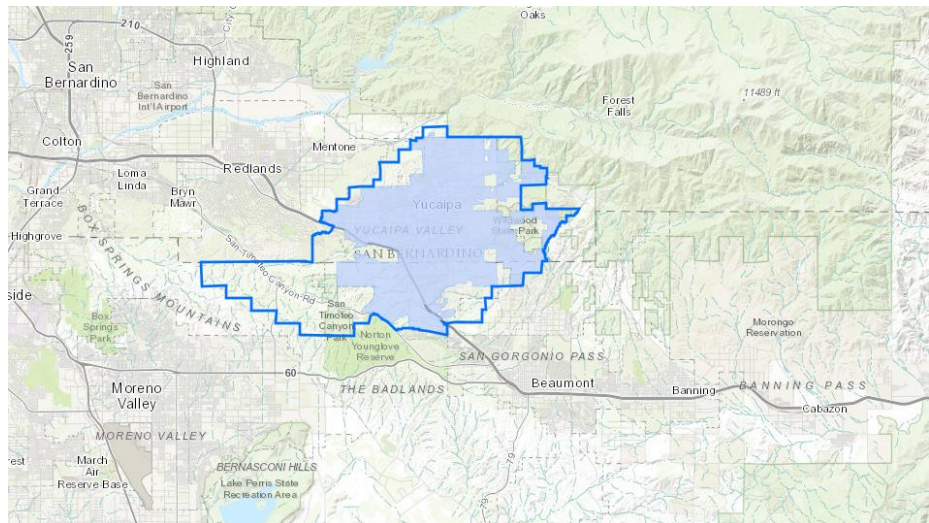
We believe our success depends on every employee knowing and sharing these values and principles

This Operational Budget and Capital Improvement Program has been prepared with the District's mission statement in mind to link the financial health of the District with our commitment to professionally manage the precious water, sewer and recycled water resources of the Yucaipa Valley in a reliable, efficient and cost effective manner in order to provide the finest service to our customers, both present and future.

To meet the mission of the District, the Board of Directors and staff members continue to proactively focus on water quality issues, water supply issues, infrastructure deficiencies, maintenance of existing systems, and compliance with increasingly stringent regulatory requirements.

Overview of the Yucaipa Valley Water District

The Yucaipa Valley Water District was formed as part of reorganization, pursuant to the Reorganization Act of 1965, being Division I of Title 6 of the Government Code of the State of California. This reorganization consisted of the formation of the District, dissolution of the Calimesa Water District and formation of Improvement District No. 1 of the District as successor-in-interest, and dissolution of Improvement District "A" of the San Bernardino Valley Municipal Water District and the formation of Improvement District "A" of the District as successor-in-interest. On September 14, 1971, the Secretary of State of the State of California certified and declared formation of the Yucaipa Valley County Water District. The District operates under the County Water District Law, being Division 12 of the State of California Water Code (the "Act"). Although the immediate function of the District was to provide water service, the District has assumed responsibility for providing recycled water and wastewater service in Yucaipa Valley.



The District is located about 70 miles east of Los Angeles and 20 miles southeast of San Bernardino in the foothills of the San Bernardino Mountains and has a population of approximately 65,632. The District is situated in both San Bernardino County and Riverside County.

Land Use within the District

The altitude of the District rises from about 2,000 feet above sea level at the western end of the valley to about 5,000 feet at the eastern end, with average elevation of roughly 2,650 feet. The topography of the area is characterized by rolling hills separated by deeply entrenched stream beds, namely, the Yucaipa and Wilson Creeks. The District includes the incorporated cities of Yucaipa and Calimesa which are in San Bernardino and Riverside Counties respectively.

The District projects that the undeveloped land within its boundaries will continue to be developed consistent with the general plans as provided by the City of Yucaipa and the City of Calimesa. The projected population of the District in the year 2060 will be approximately 94,800, which reflects build-out of the City of Calimesa and the City of Yucaipa.

Governance and Management

The District is governed by a 5-member board of directors (the “Board”), the members of which are elected from five separate divisions of the District for staggered 4-year terms.



Greg Bogh
Division 1



Nyles O’Harra
Division 2



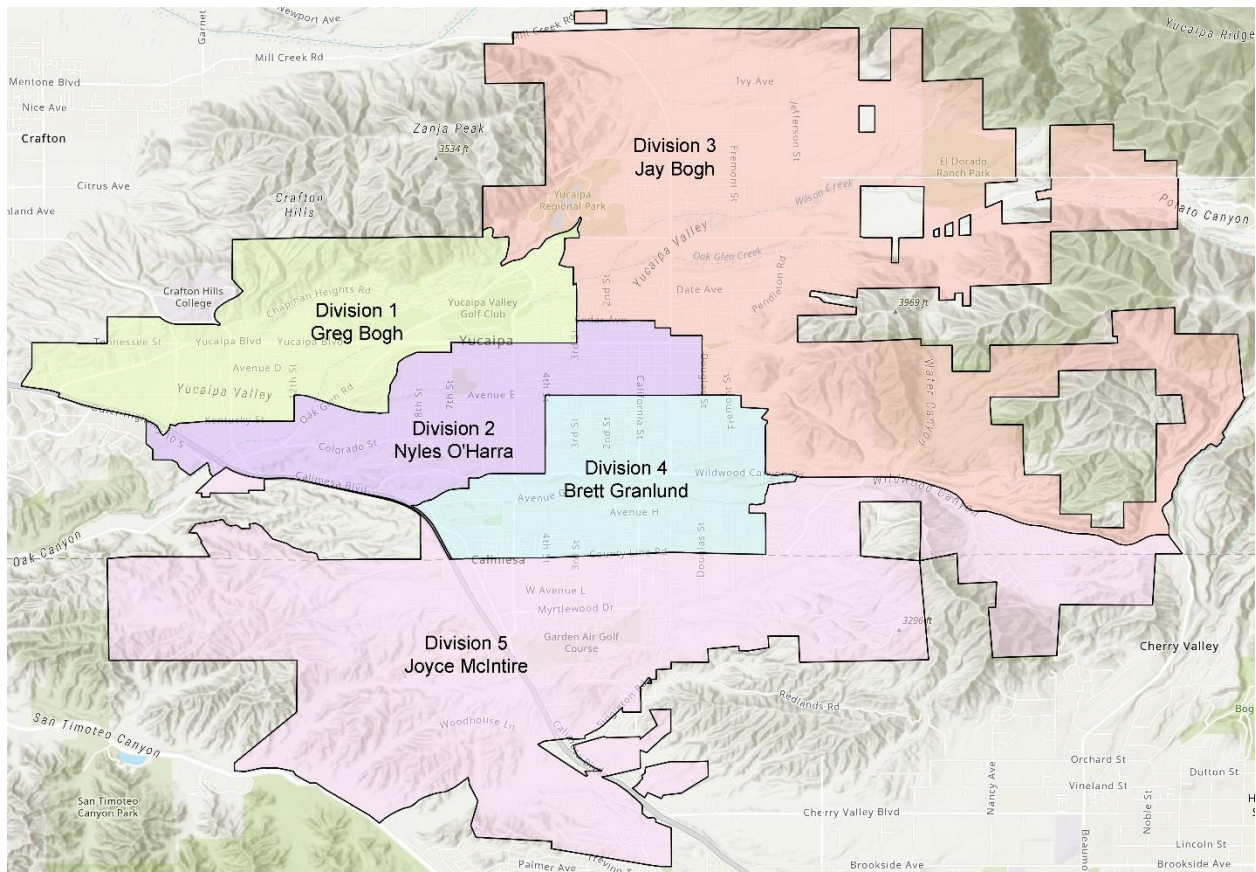
Jay Bogh
Division 3



Brett Granlund
Division 4

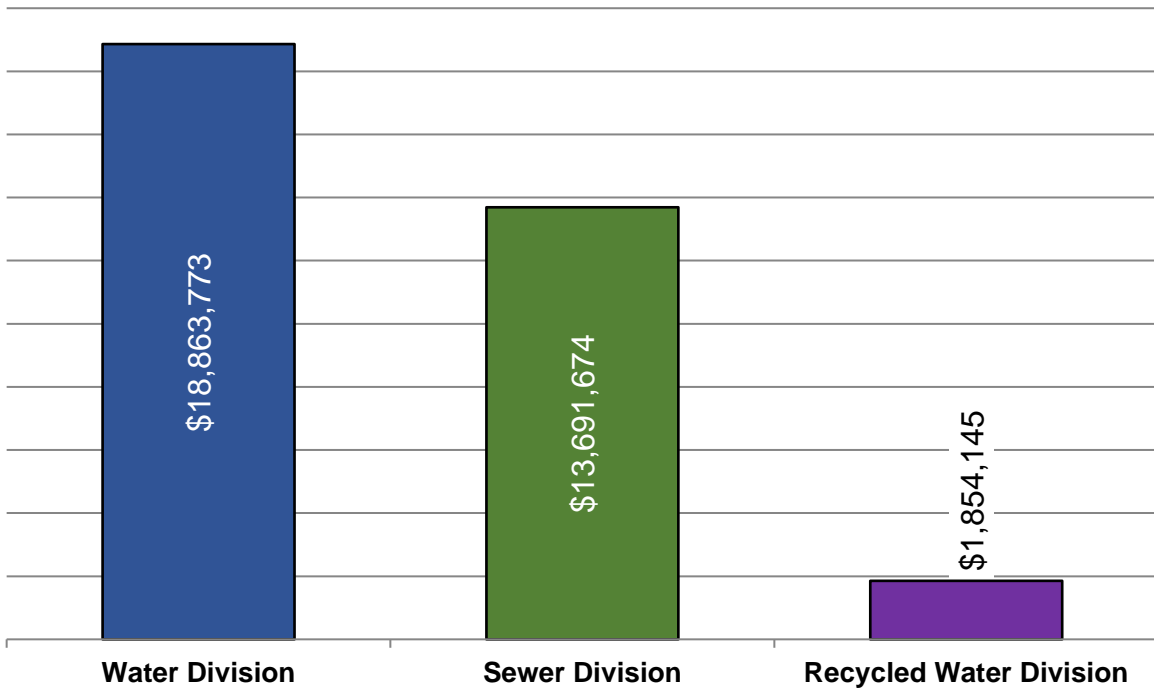
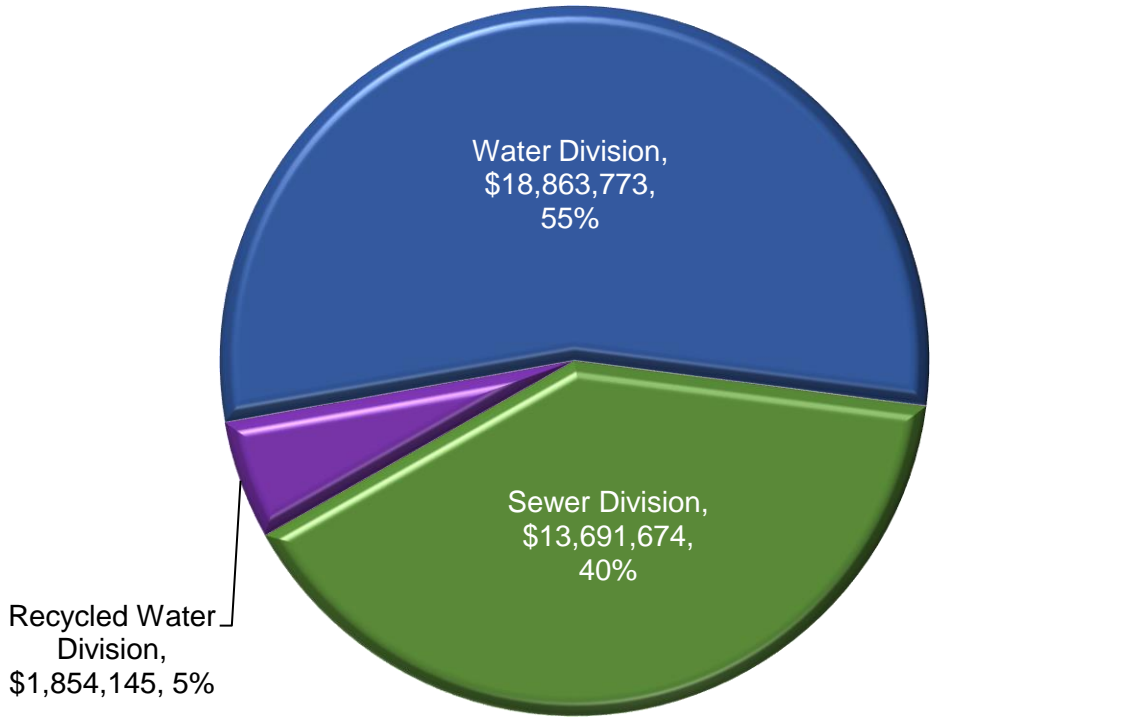


Joyce McIntire
Division 5



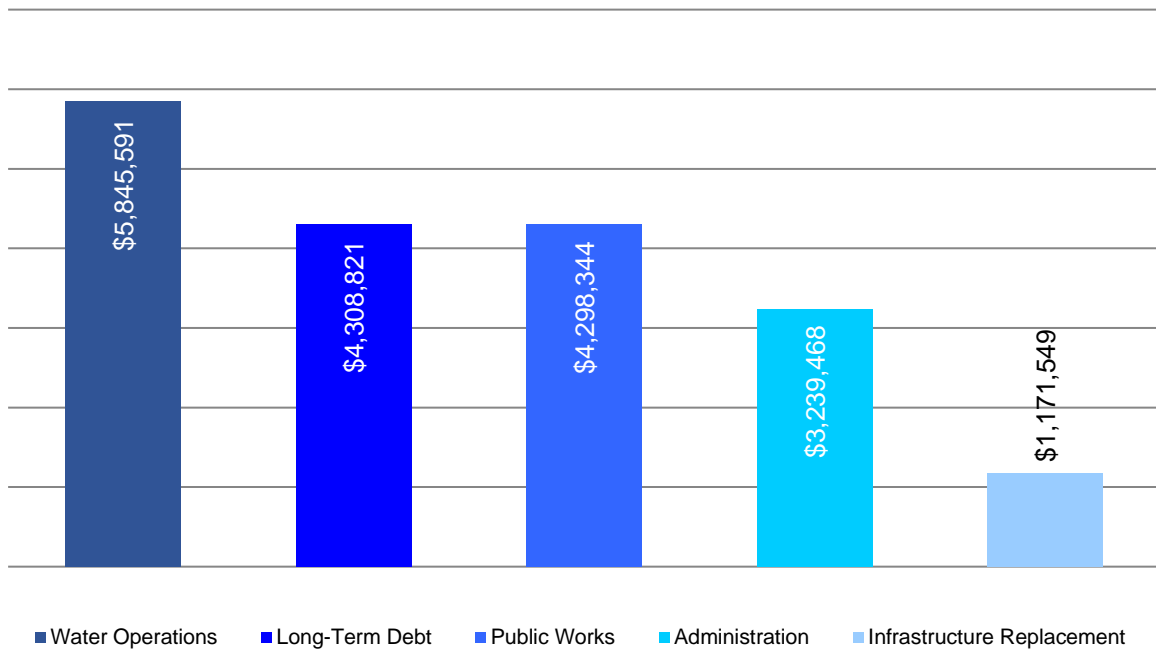
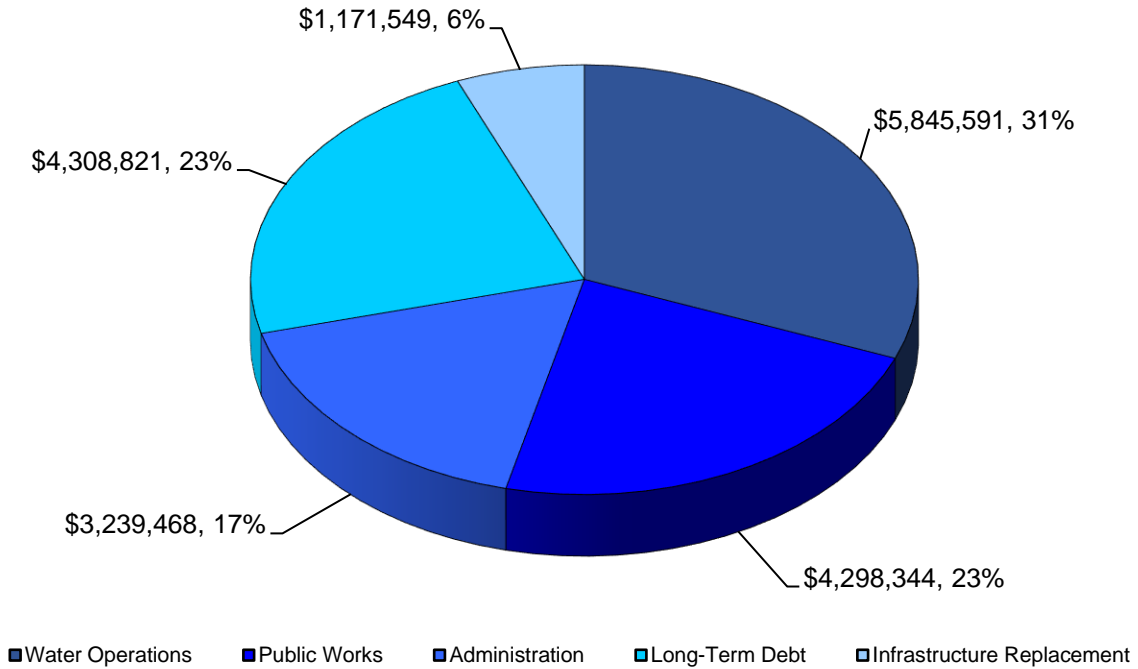
Budget Overview

The fiscal year 2024 operating budget totals \$34,409,592 (excluding capital improvement projects) distinguished by the following three enterprise funds.

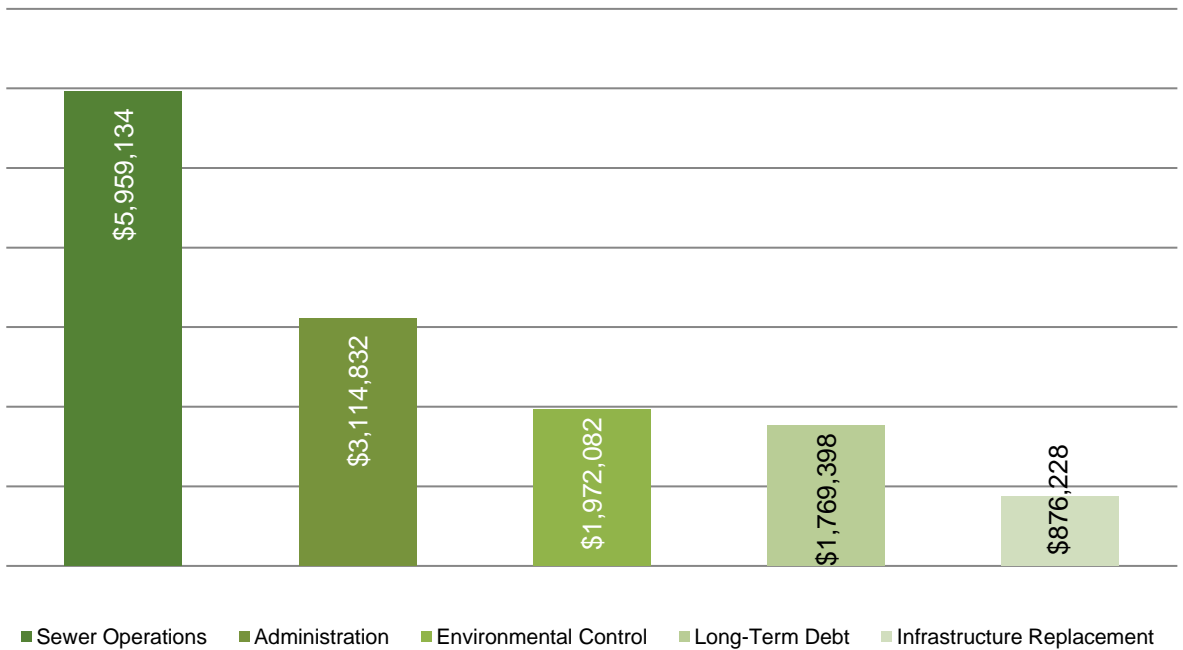
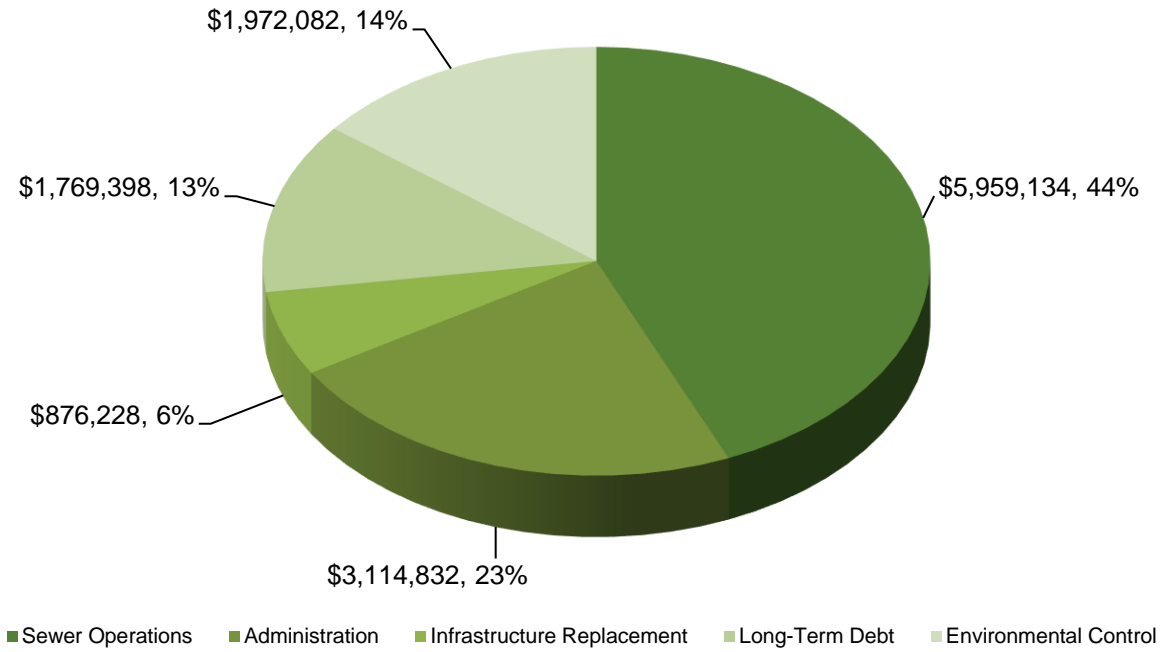


The departmental expenses for each of the enterprise funds are provided below:

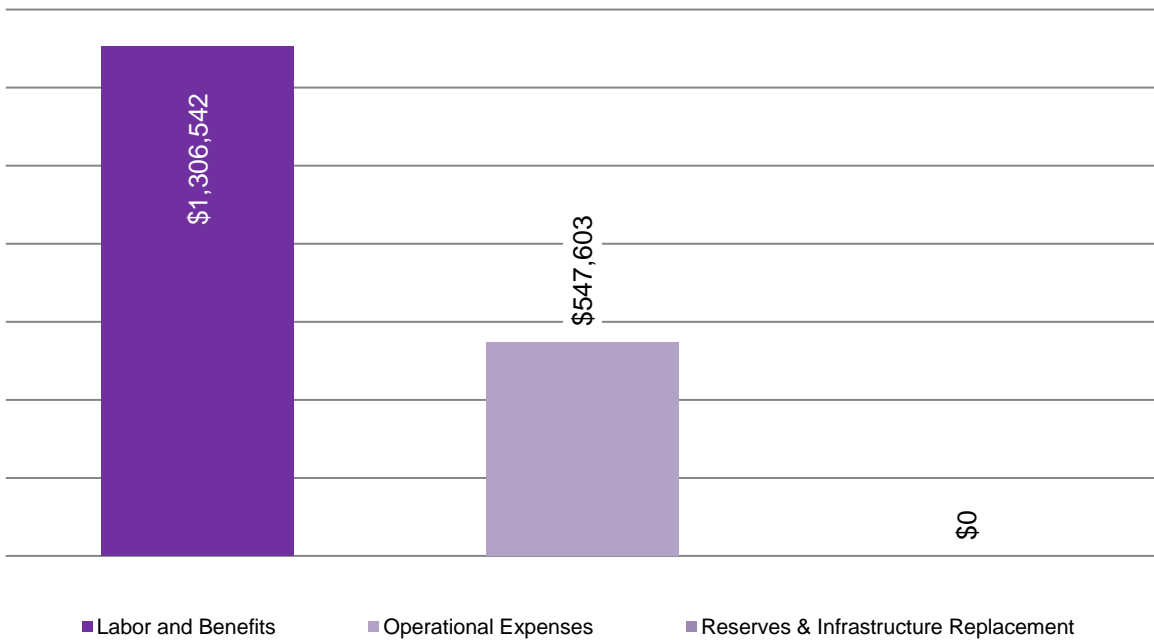
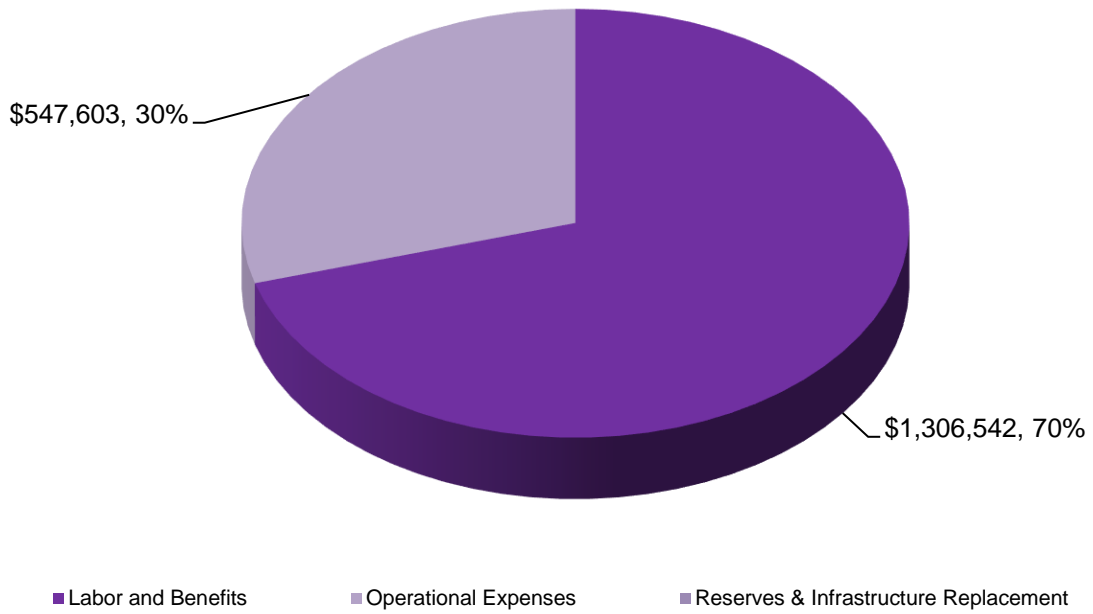
Water Division Expenditures



Sewer Division Expenditures



Recycled Water Division Expenditures



Yucaipa Valley Water District

Organizational Structure and Functional Workgroups

Wednesday, May 10, 2023

Total Staff 74

Greg Bogh
Board Member - Division 1

Nyles O’Harra
Board Member - Division 2

Jay Bogh
Board Member - Division 3

Brett Granlund
Board Member - Division 4

Joyce McIntire
Board Member - Division 5

Joseph Zoba
General Manager

Public Works – Pipelines/Roadways (23)

Michael Rivera Public Works Manager	Todd Madrid Public Works Supervisor	Christopher Beard Senior Utility Service Worker	Marcus Almanza Utility Service Worker III	Austin DeSalliers Utility Service Worker II	Taylor Cauthron Utility Service Worker I	_____ Utility Service Worker I
	Caleb Nazario Public Works Supervisor	Ron Elisalda Senior Utility Service Worker	Daniel Hohman Utility Service Worker III	Colton Gerdes Utility Service Worker II	Stephan DeYoung Utility Service Worker I	_____ Utility Service Worker I
		Kyle Westerlin Senior Utility Service Worker	Johnny Shackelford Utility Service Worker III	Nicholas Lanham Utility Service Worker II	Alejandro Salinas Utility Service Worker I	_____ Utility Service Worker I
			Anthony Seratt Utility Service Worker III		Sean Shannon Utility Service Worker I	_____ Utility Service Worker I
		Matthew Vara Utility Service Worker IV				

Public Works – Environmental Control/Facilities (15)

John Wrobel Public Works Manager	Dustin Hochreiter Public Works Supervisor	Sean Trost Senior Utility Service Worker	Christopher Reeves Utility Service Worker II	Robert Mendez Utility Service Worker I	Christopher Parker Utility Service Worker I	_____ Utility Service Worker I
	Ryan Janisch Public Works Supervisor			Michael Murietta Utility Service Worker I	Jamie Underwood Utility Service Worker I	
	Steven Molina Public Works Supervisor	Steven Eldridge Utility Service Worker IV	Joseph Beltran Utility Service Worker III	Gabrian Meier Utility Service Worker II	Kevin Crocker Utility Service Worker I	

Water Resources (2)

Jennifer Ares Resource Manager	Madeline Blua Resource Specialist
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Engineering (2)

Matt Porras Director of Engineering	Mia Preciado Senior Engineering Technician
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Information Technology (1)

Wade Allsup Chief Information Officer

Administration (4)

Erin Anton Administrative Manager	Chelsie Fogus Administrative Assistant I	Tysa Baeumel Administrative Clerk IV	Heather Johnson Administrative Clerk I
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Finance (3)

Allison Edmisten Chief Financial Officer	Ryan Walton Accountant	Denise Howard Purchasing Agent
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Regulatory Compliance (3)

Ashley Gibson Regulatory Compliance Manager	Lina Robert Water Quality Chemist	_____ Water Quality Technician
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Integrated Water, Sewer and Recycled Water Operations (20)

Mike Kostelecky Operations Manager - Water	_____ Senior Integrated Operator	Aaron Blose Integrated Operator IV	Kyle Rose Integrated Operator IV	Eric Grubert Integrated Operator III	Allen Simo Integrated Operator III	James Abrams Integrated Operator II
Tim Mackamul Operations Manager	German Padilla Senior Integrated Operator	Jacob Duncan Integrated Operator IV	Sean Ferris Integrated Operator IV	Daniel Hutchinson Integrated Operator III	Matthew Koker Integrated Operator III	Jeremy Costello Integrated Operator II
Charles Thomas Operations Manager - Sewer		Courtland Gear Integrated Operator IV	Geoffrey Risaliti Integrated Operator IV	Dayton Reeves Integrated Operator III	Gilbert Santacruz Integrated Operator III	Luis Crespo Integrated Operator II

— Elected Officials —
— Management – Exempt Employees —
— Supervisory Employees —
— General Employees —

WATER DIVISION BUDGET

Department	2022-23 Modified Budget	2023-24 Requested Budget
OPERATING REVENUE		
02-400-40010. Sales-Water & Non Potable	\$ 6,530,507	\$ 6,350,003
02-400-40011. Sales-Construction Water	\$ 106,121	\$ 90,000
02-400-40012. Sales-Supplemental Water-Riv	\$ 273,182	\$ 281,377
02-400-40013. Sales-Supplemental Water-SB	\$ 928,818	\$ 956,682
02-400-40014. Sales-Disc (Multi Unit) Commdy	\$ (110,000)	\$ (110,000)
02-400-40015. Sales-Wholesale Water	\$ 218,545	\$ 165,000
02-400-40016. Sales-Establish Service Fee	\$ 6,367	\$ 6,495
02-400-40017. Sales-Excess Drinking Water	\$ 236,265	\$ 227,571
02-400-40018. Sales-Infrastructure	\$ 1,719,019	\$ 1,834,622
02-400-41000. Sales-Service Demand Charges	\$ 4,177,749	\$ 4,340,313
02-400-41001. Sales-Fire Srv Standby Fees	\$ 42,448	\$ 75,000
02-400-41003. Sales-Const Water Minimum Chg	\$ 5,306	\$ 5,412
02-400-41005. Sales-Disc (Multi Units)-SC	\$ (115,746)	\$ (109,958)
02-400-41010. Unauthorized Use of Water Chrg	\$ 2,122	\$ -
02-400-41110. Meter/Lateral Installation	\$ 106,121	\$ 108,243
02-400-41112. Fire Flow Test Fees	\$ 4,775	\$ 15,000
02-400-41113. Disconnect & Reconnect Fees	\$ 54,637	\$ 112,551
02-400-41121. Delinquent Payment Charges	\$ 84,581	\$ 151,944
02-400-41124. Bad Debt Write-Off & Recovery	\$ (21,224)	\$ (21,649)
400. CHARGES FOR SERVICES	\$ 14,249,593	\$ 14,478,606
02-421-42122. Revenue - Other, Operating	\$ -	\$ -
02-421-42123. Admin, Management & Acctg Fees	\$ 214,895	\$ 207,554
421. REVENUE - OTHER	\$ 214,895	\$ 207,554
02-430-43010. Interest Earned	\$ 9,600	\$ 193,238
430. INTEREST EARNED	\$ 9,600	\$ 193,238
02-431-43110. Property Tax - Unsecured	\$ -	\$ 140,000
02-431-43120. Property Tax - Secured	\$ 3,296,675	\$ 3,437,844
02-431-43130. Tax Collection - Prior	\$ -	\$ 40,000
02-431-43140. Taxes - Other	\$ -	\$ 266,528
431. PROPERTY TAX	\$ 3,296,675	\$ 3,884,372
02-480-48002. Grants	\$ 1,833,750	\$ 75,000
480. CAPITAL CONTRIBUTIONS	\$ 1,833,750	\$ 75,000
02-491-49100. Revenue - Fund Transfer In	\$ 484,495	\$ -
02-491-49110. Rental Income	\$ 3,002	\$ -
02-491-49150. Revenue - Misc Non-Operating	\$ 25,002	\$ 25,003
491. OTHER NON-OPERATING REV	\$ 512,499	\$ 25,003
TOTAL WATER REVENUE	\$ 20,117,012	\$ 18,863,773

WATER DIVISION BUDGET

Department	2022-23 Modified Budget	2023-24 Requested Budget
OPERATING EXPENSES		
02-501-50009. Labor - Overtime	\$ 46,189	\$ 54,129
02-501-50010. Labor	\$ 970,834	\$ 1,104,805
02-501-50013. Benefits-FICA	\$ 93,230	\$ 104,322
02-501-50014. Benefits-Life Insurance	\$ 4,848	\$ 4,876
02-501-50016. Benefits-Health & Def Comp	\$ 200,375	\$ 203,389
02-501-50017. Benefits-Disability Insurance	\$ 20,961	\$ 19,092
02-501-50019. Benefits-Workers Compensation	\$ 57,132	\$ 96,621
02-501-50022. Benefits-PERS Employer	\$ 68,681	\$ 174,125
02-501-50023. Benefits-Uniforms	\$ 6,358	\$ 7,446
02-501-50025. Benefits-Boots	\$ 7,035	\$ 7,285
02-501-51003. R&M - Structures	\$ 475,372	\$ 343,357
02-501-51011. R&M - Valves	\$ 65,000	\$ 75,412
02-501-51115. Laboratory Supplies	\$ 2,653	\$ 2,706
02-501-51140. General Supplies & Expenses	\$ 14,500	\$ 3,247
02-501-51210. Power Purchases	\$ 1,800,000	\$ 1,762,665
02-501-51211. Electricity & Fuel	\$ 5,306	\$ 5,412
02-501-51316. Supplemental Source of Supply	\$ 1,107,574	\$ 1,118,649
02-501-54012. Education & Training	\$ 5,015	\$ 6,175
02-501-54019. Licenses & Permits	\$ 82,500	\$ 70,358
02-501-54025. Telephone & Internet	\$ 3,300	\$ 5,000
02-501-54110. Laboratory Services	\$ 55,000	\$ 81,182
02-501-57040. YVRWFF-Crystal Creek Exp	\$ 583,664	\$ 595,338
501. WATER OPERATIONS	\$ 5,675,527	\$ 5,845,591
02-503-50009. Labor - Overtime	\$ 57,618	\$ 42,931
02-503-50010. Labor	\$ 1,703,701	\$ 1,944,881
02-503-50013. Benefits-FICA	\$ 172,127	\$ 190,303
02-503-50014. Benefits-Life Insurance	\$ 11,519	\$ 11,788
02-503-50016. Benefits-Health & Def Comp	\$ 485,372	\$ 496,195
02-503-50017. Benefits-Disability Insurance	\$ 38,702	\$ 34,827
02-503-50019. Benefits-Workers Compensation	\$ 12,097	\$ 84,893
02-503-50022. Benefits-PERS Employer	\$ 124,175	\$ 317,173
02-503-50023. Benefits-Uniforms	\$ 16,440	\$ 19,312
02-503-50025. Benefits-Boots & Incentives	\$ 21,368	\$ 18,249
02-503-51001. R&M - Vehicles & Equipment	\$ 305,000	\$ 265,000
02-503-51011. R&M - Valves	\$ 68,000	\$ 17,000
02-503-51020. R&M - Pipelines	\$ 212,242	\$ 216,486
02-503-51021. R&M - Service Lines	\$ 101,876	\$ 103,913
02-503-51022. R&M - Fire Hydrants	\$ 53,060	\$ 35,000
02-503-51029. Repair & Maintenance-Backflow	\$ 68,979	\$ 45,000
02-503-51030. R&M - Meters	\$ 88,500	\$ 175,000
02-503-51031. R&M - Fire Flow Testing	\$ 26,530	\$ 27,061
02-503-51032. R&M - Facility Improvements	\$ -	\$ 229,000
02-503-51140. General Supplies & Expenses	\$ 3,184	\$ 3,247
02-503-54012. Education & Training	\$ 11,969	\$ 14,985
02-503-54025. Telephone & Internet	\$ 4,300	\$ 6,100
503. UTILITY SERVICES	\$ 3,586,759	\$ 4,298,344

WATER DIVISION BUDGET

Department	2022-23 Modified Budget	2023-24 Requested Budget
02-506-50009. Labor - Overtime	\$ 11,470	\$ 3,075
02-506-50010. Labor	\$ 624,593	\$ 772,412
02-506-50012. Director Fees	\$ 38,578	\$ 38,215
02-506-50013. Benefits-FICA	\$ 62,308	\$ 73,430
02-506-50014. Benefits-Life Insurance	\$ 3,746	\$ 4,083
02-506-50016. Benefits-Health & Def Comp	\$ 138,304	\$ 143,111
02-506-50017. Benefits-Disability Insurance	\$ 14,010	\$ 13,439
02-506-50019. Benefits-Workers Compensation	\$ 3,182	\$ 24,536
02-506-50022. Benefits-PERS Employer	\$ 47,048	\$ 192,671
02-506-50025. Benefits-Boots & Incentives	\$ 2,409	\$ 2,328
02-506-51003. R&M - Structures	\$ 121,856	\$ 37,885
02-506-51120. Safety Equipment & Supplies	\$ 32,530	\$ 27,061
02-506-51125. Petroleum Products	\$ 175,181	\$ 200,000
02-506-51130. Office Supplies & Expenses	\$ 37,142	\$ 23,887
02-506-51140. General Supplies & Expenses	\$ 47,448	\$ 34,880
02-506-51211. Utilities - Electricity	\$ 40,000	\$ 41,358
02-506-51213. Utilities - Natural Gas	\$ 4,000	\$ 4,368
02-506-54002. Dues & Subscriptions	\$ 31,836	\$ 20,227
02-506-54005. Computer Expenses	\$ 169,361	\$ 118,851
02-506-54010. Postage	\$ 10,612	\$ 10,824
02-506-54012. Education & Training	\$ 7,240	\$ 11,697
02-506-54013. Utility Billing Expenses	\$ 233,000	\$ 255,000
02-506-54014. Public Relations	\$ 33,428	\$ 15,272
02-506-54016. Travel Related Expenses	\$ 7,959	\$ 8,118
02-506-54017. Certifications & Renewals	\$ 12,734	\$ 12,989
02-506-54020. Meeting Related Expenses	\$ 8,490	\$ 8,659
02-506-54022. Utilities - YVWD Services	\$ 153,875	\$ 360,000
02-506-54024. Waste Disposal	\$ 10,000	\$ 9,920
02-506-54025. Telephone & Internet	\$ 50,000	\$ 54,000
02-506-54099. Conservation & Rebates	\$ 31,836	\$ 10,000
02-506-54104. Contractual Services	\$ 2,024,866	\$ 275,000
02-506-54107. Legal	\$ 75,000	\$ 75,000
02-506-54108. Audit & Accounting	\$ 15,918	\$ 16,236
02-506-54109. Professional Fees	\$ 250,099	\$ 100,016
02-506-55500. Depreciation	\$ 212,242	\$ -
02-506-56001. Insurance	\$ 150,000	\$ 136,914
02-506-57030. Regulatory Compliance	\$ 30,000	\$ 37,885
02-506-57095. Yucaipa SGMA	\$ 25,000	\$ 10,824
02-506-57096. Beaumont Basin Watermaster	\$ 50,000	\$ 43,297
02-506-57097. San Timoteo SGMA	\$ 5,000	\$ -
02-506-57098. Bunker Hill GSC	\$ 51,988	\$ 12,000
506. ADMINISTRATION	\$ 5,054,289	\$ 3,239,468

WATER DIVISION BUDGET

Department	2022-23 Modified Budget	2023-24 Requested Budget
02-540-57201.Series 2015A Principal	\$ -	\$ -
02-540-57207.Series 2022A Principal	\$ -	\$ -
02-540-57208.Series 2022B Principal	\$ 3,290,000	\$ 3,335,000
02-540-57402. Interest - Bond Repayment	\$ 1,033,960	\$ 973,821
02-540-57807. Infrastructure Replacement Fund	\$ 1,476,477	\$ 1,171,549
540. DEBT & CAPITAL OUTLAY	\$ 5,800,437	\$ 5,480,370
TOTAL WATER EXPENSE	\$ 20,117,012	\$ 18,863,773

SEWER DIVISION BUDGET

Department	2022-23 Modified Budget	2023-24 Requested Budget
OPERATING REVENUE		
03-400-40016. Sales-Establish Service Fee	\$ 531	\$ 541
03-400-41000. Sales-Sewer Charges	\$ 13,084,418	\$ 13,425,952
03-400-41005. Sales-Disc (Multi Units)-SC	\$ (200,000)	\$ (200,000)
03-400-41110. Meter/Lateral Installation	\$ 15,113	\$ 15,151
03-400-41121. Penalty - Late Charges	\$ 103,788	\$ 130,076
03-400-41124. Bad Debt Write-Off & Recovery	\$ (15,226)	\$ (15,302)
03-400-41131. Front Footage Fees	\$ 81,667	\$ 20,000
400. CHARGES FOR SERVICES	\$ 13,070,291	\$ 13,376,418
03-421-42122. Revenue - Other, Operating	\$ 2,061	\$ 2,081
421. REVENUE - OTHER	\$ 2,061	\$ 2,081
03-430-43010. Interest Earned	\$ 8,000	\$ 108,243
430. INTEREST EARNED	\$ 8,000	\$ 108,243
03-431-43110. Property Tax - Unsecured	\$ -	\$ -
03-431-43120. Property Tax - Secured	\$ 387,844	\$ 202,226
03-431-43130. Tax Collection - Prior	\$ -	\$ -
03-431-43140. Taxes - Other	\$ -	\$ -
431. PROPERTY TAX	\$ 387,844	\$ 202,226
03-480-48002. Grants	\$ -	\$ -
480. CAPITAL CONTRIBUTIONS	\$ -	\$ -
03-491-49100. Revenue - Fund Transfer In	\$ 434,815	\$ -
03-491-49150. Revenue - Misc Non-Operating	\$ 2,653	\$ 2,706
491. OTHER NON-OPERATING REV	\$ 437,468	\$ 2,706
TOTAL SEWER REVENUE	\$ 13,905,664	\$ 13,691,674
OPERATING EXPENSES		
03-502-50009. Labor - Overtime	\$ 47,379	\$ 54,129
03-502-50010. Labor	\$ 1,126,560	\$ 1,372,152
03-502-50013. Benefits-FICA	\$ 107,652	\$ 129,316
03-502-50014. Benefits-Life Insurance	\$ 5,460	\$ 5,987
03-502-50016. Benefits-Health & Def Comp	\$ 231,816	\$ 262,408
03-502-50017. Benefits-Disability Insurance	\$ 24,203	\$ 23,665
03-502-50019. Benefits-Workers Compensatn	\$ 66,208	\$ 115,736
03-502-50022. Benefits-PERS Employer	\$ 79,858	\$ 214,762
03-502-50023. Benefits-Uniforms	\$ 6,913	\$ 7,445
03-502-50025. Benefits-Boots	\$ 7,185	\$ 7,825
03-502-51003. R&M - Structures	\$ 621,762	\$ 378,851

SEWER DIVISION BUDGET

Department	2022-23 Modified Budget	2023-24 Requested Budget
03-502-51010. R&M - Automation Control	\$ 68,979	\$ 95,000
03-502-51032. R&M - Facility Improvements	\$ -	\$ 229,000
03-502-51106. Chemicals	\$ 636,725	\$ 1,100,000
03-502-51111. Propane	\$ 5,000	\$ 5,000
03-502-51115. Laboratory Supplies	\$ 34,000	\$ 37,000
03-502-51140. General Supplies & Expenses	\$ 9,423	\$ 3,000
03-502-51210. Utilities - Power Purchases	\$ 1,008,372	\$ 1,250,000
03-502-54012. Education & Training	\$ 8,121	\$ 7,636
03-502-54025. Telephone & Internet	\$ 4,000	\$ 4,000
03-502-54110. Laboratory Services	\$ 125,000	\$ 129,000
03-502-57031. Sewage Waste Disposal-Solids	\$ 244,078	\$ 325,000
03-502-57034. Brineline Operating Expenses	\$ 382,035	\$ 202,222
502. SEWER OPERATIONS	\$ 4,850,729	\$ 5,959,134
03-506-50009. Labor - Overtime	\$ 12,559	\$ 3,075
03-506-50010. Labor	\$ 679,057	\$ 751,478
03-506-50012. Director Fees	\$ 38,578	\$ 38,215
03-506-50013. Benefits-FICA	\$ 67,870	\$ 71,590
03-506-50014. Benefits-Life Insurance	\$ 4,167	\$ 4,021
03-506-50016. Benefits-Health & Def Comp	\$ 155,451	\$ 140,060
03-506-50017. Benefits Disability Insurance	\$ 15,260	\$ 13,102
03-506-50019. Benefits-Workers Compensation	\$ 6,374	\$ 24,059
03-506-50022. Benefits-PERS Employer	\$ 50,436	\$ 187,022
03-506-50023. Benefits-Uniforms	\$ 705	\$ -
03-506-50025. Benefits-Boots	\$ 2,694	\$ 2,291
03-506-51120. Safety Equipment & Supplies	\$ 19,658	\$ 8,500
03-506-51125. Petroleum Products	\$ 35,000	\$ 36,000
03-506-51130. Office Supplies & Expenses	\$ 7,428	\$ 11,000
03-506-51140. General Supplies & Expenses	\$ 15,263	\$ 29,000
03-506-54002. Dues & Subscriptions	\$ 31,836	\$ 32,476
03-506-54003. Management & Admin Services	\$ 299,609	\$ 207,554
03-506-54005. Computer Expenses	\$ 115,486	\$ 85,000
03-506-54012. Education & Training	\$ 8,718	\$ 11,621
03-506-54014. Public Relations	\$ 26,530	\$ 7,000
03-506-54016. Travel Related Expenses	\$ 10,612	\$ 8,000
03-506-54017. Certifications & Renewals	\$ 10,612	\$ 10,824
03-506-54019. Licenses & Permits	\$ 85,000	\$ 90,198
03-506-54020. Meeting Related Expenses	\$ 5,306	\$ 5,412
03-506-54022. Utilities - YVWD Services	\$ 640,771	\$ 608,300
03-506-54024. Waste Disposal	\$ 25,857	\$ 25,000
03-506-54025. Telephone & Internet	\$ 65,060	\$ 70,000
03-506-54104. Contractual Services	\$ 171,668	\$ 169,561
03-506-54107. Legal	\$ 31,836	\$ 32,473

SEWER DIVISION BUDGET

Department	2022-23 Modified Budget	2023-24 Requested Budget
03-506-54108. Audit & Accounting	\$ 15,918	\$ 12,000
03-506-54109. Professional Fees	\$ 212,242	\$ 160,000
03-506-56001. Insurance	\$ 184,748	\$ 210,000
03-506-57030. Regulatory Compliance	\$ 50,000	\$ 50,000
506. ADMINISTRATION	\$ 3,102,309	\$ 3,114,832
03-507-50009. Labor - Overtime	\$ 29,517	\$ 25,171
03-507-50010. Labor	\$ 677,943	\$ 794,124
03-507-50013. Benefits-FICA	\$ 68,464	\$ 78,010
03-507-50014. Benefits-Life Insurance	\$ 4,327	\$ 4,554
03-507-50016. Benefits-Health & Def Comp	\$ 186,100	\$ 198,924
03-507-50017. Benefits-Disability Insurance	\$ 15,391	\$ 14,276
03-507-50019. Benefits-Workers Compensation	\$ 4,814	\$ 32,544
03-507-50022. Benefit-PERS Employer	\$ 52,543	\$ 172,559
03-507-50023. Benefits-Uniforms	\$ 6,196	\$ 7,258
03-507-50025. Benefits-Boots	\$ 8,033	\$ 7,685
03-507-51003. Sewer Pipeline & Facilities	\$ 250,003	\$ 392,024
03-507-51140. General Supplies & Expenses	\$ 503	\$ -
03-507-51241. Lift Station #1	\$ 98,067	\$ 110,000
03-507-51242. Lift Station #2	\$ 18,003	\$ 37,000
03-507-51243. Lift Station #3	\$ 3,203	\$ 3,204
03-507-51244. Lift Station #4	\$ 20,037	\$ 9,504
03-507-51246. Lift Station #6	\$ 18,828	\$ 16,086
03-507-51248. Lift Station #8	\$ 2,503	\$ 4,000
03-507-54012. Education & Training	\$ 6,386	\$ 5,759
03-507-54025. Telephone & Internet	\$ 1,650	\$ 2,400
03-507-54111. Pretreatment	\$ 58,003	\$ 57,000
507. ENVIRONMENTAL CONTROL	\$ 1,530,514	\$ 1,972,082
03-540-57202. SRF Principal - WWTP	\$ -	\$ -
03-540-57203. SRF Principal - Brineline	\$ -	\$ -
03-540-57204. SRF Principal - Wise	\$ -	\$ -
03-540-57205. SRF Principal - R 10.3	\$ -	\$ -
03-540-57206. SRF Principal - Crow St	\$ -	\$ -
03-540-57207. 2022A Bond	\$ 705,000	\$ 595,000
03-540-57210. SRF Principal-Calimesa 24"	\$ -	\$ 80,443
03-540-57403. Interest - Long Term Debt	\$ 1,093,125	\$ 1,093,955
03-540-57807. Infrastructure Replacement Fnd	\$ 2,623,987	\$ 876,228
540. DEBT & CAPITAL OUTLAY	\$ 4,422,112	\$ 2,645,626
TOTAL SEWER EXPENSE	\$ 13,905,664	\$ 13,691,674

RECYCLED WATER DIVISION BUDGET

Department	2022-23 Modified Budget	2023-24 Requested Budget
OPERATING REVENUE		
04-400-40010. Sales-Water & Non Potable	\$ 1,085,286	\$ 1,162,584
04-400-40011. Sales-Construction Water	\$ 3,384	\$ -
04-400-40017. Sales-Excess Drinking Water	\$ 57,576	\$ 54,000
04-400-40018. Sales-Infrastructure	\$ 106,902	\$ 95,000
04-400-41000. Sales-Service Demand Charges	\$ 225,953	\$ 264,808
04-400-41003. Sales-Const Water Minimum Chg	\$ 825	\$ 827
04-400-41110. Meter/Lateral Installation	\$ 35,000	\$ 35,000
04-400-41121. Penalty - Late Charges	\$ 2,020	\$ 9,800
04-400-41122. Revenue - Other, Operating	\$ 515	\$ 900
400. CHARGES FOR SERVICES	\$ 1,517,461	\$ 1,622,919
04-430-43010. Interest Earned	\$ 42,000	\$ 29,000
430. INTEREST EARNED	\$ 42,000	\$ 29,000
04-431-43110. Property Tax - Unsecured	\$ -	\$ -
04-431-43120. Property Tax - Secured	\$ -	\$ 202,226
04-431-43130. Tax Collection - Prior	\$ -	\$ -
04-431-43140. Taxes - Other	\$ -	\$ -
431. PROPERTY TAX	\$ -	\$ 202,226
04-480-48002. Grants	\$ -	\$ -
480. CAPITAL CONTRIBUTIONS	\$ -	\$ -
04-491-49100. Revenue - Fund Transfer In	\$ 58,955	\$ -
04-491-49150. Revenue-Misc Non-Operating	\$ -	\$ -
491. OTHER NON-OPERATING REV	\$ 58,955	\$ -
TOTAL RECYCLED WATER REVENUE	\$ 1,618,416	\$ 1,854,145

OPERATING EXPENSES

04-506-50009. Labor - Overtime	\$ 16,342	\$ 14,881
04-506-50010. Labor	\$ 798,301	\$ 811,113
04-506-50012. Director Fees	\$ 8,573	\$ -
04-506-50013. Benefits-FICA	\$ 77,374	\$ 77,198
04-506-50014. Benefits-Life Insurance	\$ 4,566	\$ 4,118
04-506-50016. Benefits-Health & Def Comp	\$ 186,610	\$ 181,290
04-506-50017. Benefits-Disability Insurance	\$ 17,398	\$ 14,129
04-506-50019. Benefits-Workers Compensation	\$ 8,247	\$ 35,003
04-506-50022. Benefits-PERS Employer	\$ 62,713	\$ 154,867
04-506-50023. Benefits-Uniforms	\$ 2,418	\$ 5,806
04-506-50025. Benefits-Boots	\$ 8,377	\$ 8,137

RECYCLED WATER DIVISION BUDGET

Department	2022-23 Modified Budget	2023-24 Requested Budget
04-506-51003. R&M - Structures	\$ 40,826	\$ 25,000
04-506-51011. R&M - Valves	\$ 30,000	\$ 30,000
04-506-51012. R&M - ClaVal	\$ 10,000	\$ 10,000
04-506-51020. R&M - Pipelines	\$ 1,800	\$ 20,000
04-506-51021. R&M - Service Lines	\$ 9,958	\$ 2,165
04-506-51022. R&M - Fire Hydrants	\$ 3,122	\$ 2,165
04-506-51030. R&M - Meters	\$ 3,592	\$ 15,000
04-506-51030. R&M - Facility Improvements	\$ -	\$ 109,000
04-506-51140. General Supplies & Expenses	\$ 8,184	\$ 5,000
04-506-51210. Utilities - Power Purchases	\$ 135,000	\$ 155,000
04-506-54002. Dues & Subscriptions	\$ 4,000	\$ 4,700
04-506-54005. Computer Expenses	\$ 8,747	\$ 14,300
04-506-54012. Education & Training	\$ 2,500	\$ 3,789
04-506-54014. Public Relations	\$ 4,457	\$ 4,546
04-506-54016. Travel Related Expenses	\$ 1,061	\$ 1,082
04-506-54017. Certifications & Renewals	\$ 531	\$ 541
04-506-54019. Licenses & Permits	\$ 11,959	\$ 10,500
04-506-54020. Meeting Related Expenses	\$ 686	\$ 1,515
04-506-54022. Utilities - YVWD Services	\$ 13,265	\$ 25,000
04-506-54025. Telephone & Internet	\$ 2,386	\$ 4,100
04-506-54104. Contractural Services	\$ 62,474	\$ 25,000
04-506-54107. Legal	\$ 2,500	\$ 1,200
04-506-54108. Audit & Accounting	\$ 7,500	\$ 10,000
04-506-54109. Professional Fees	\$ 10,000	\$ 15,000
04-506-56001. Insurance	\$ 29,530	\$ 43,000
04-506-57030. Regulatory Compliance	\$ 22,888	\$ 10,000
04-506-57040. Environmental Compliance	\$ 531	\$ -
506. ADMINISTRATION	\$ 1,618,416	\$ 1,854,145
TOTAL RECYCLED WATER EXPENSE	\$ 1,618,416	\$ 1,854,145



Yucaipa Valley Water District

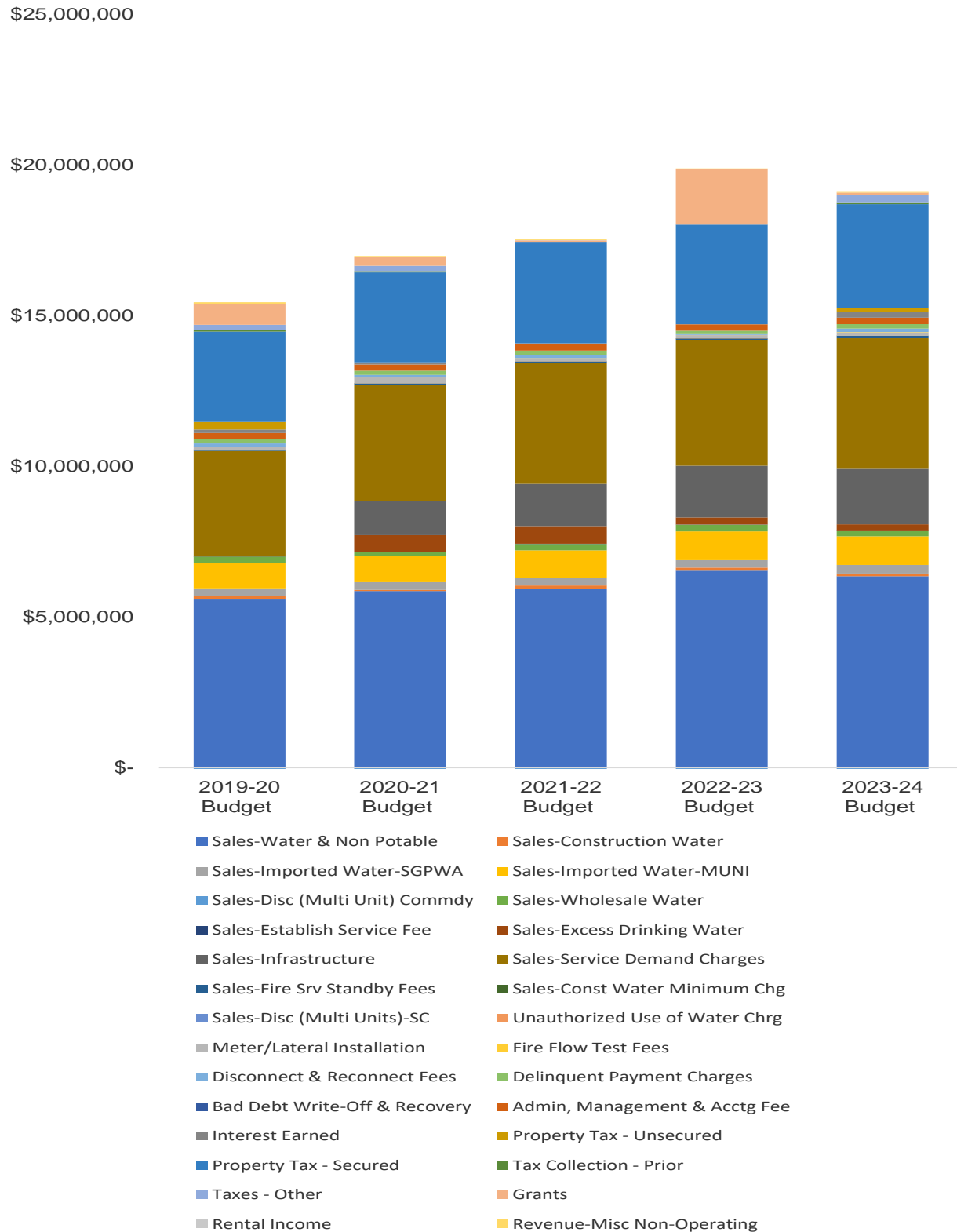
Chapter Two

Fiscal Year 2024

Water Division
Operating Budget

Water Division Revenue Analysis

Revenue Budget

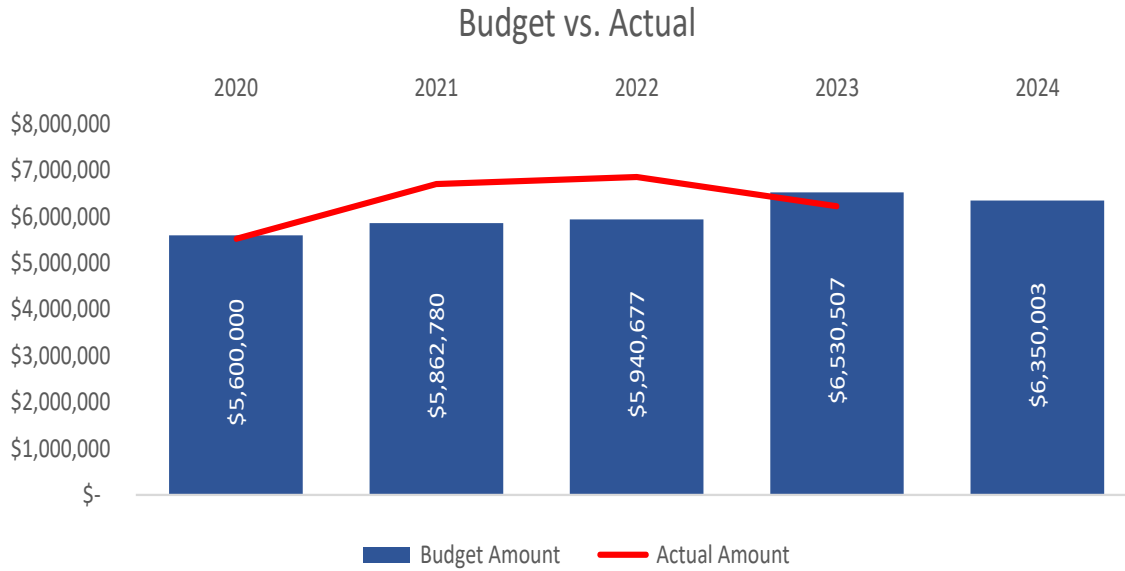


Water Department Revenue

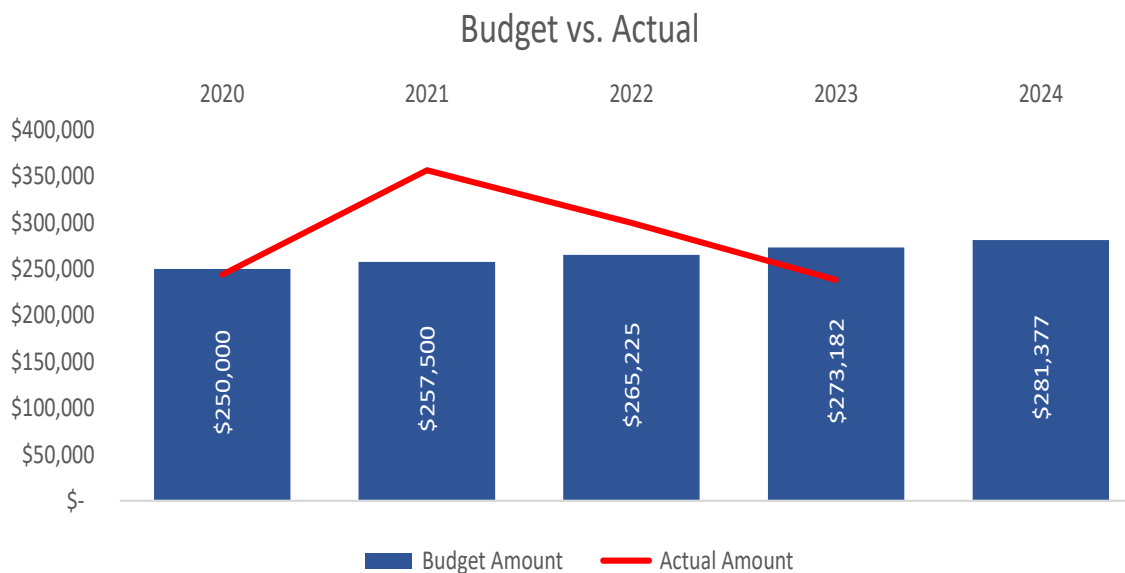
Account	2019-20 Budget	2019-20 Actual	2020-21 Budget	2020-21 Actual	2021-22 Budget	2021-22 Actual	2022-23 Budget	2022-23 Estimates	2023-24 Budget	Increase (Decrease) in Budget	Increase (Decrease) %
02-400-40010. Sales-Water & Non Potable	\$ 5,600,000	\$ 5,522,224	\$ 5,862,780	\$ 6,710,408	\$ 5,940,677	\$ 6,855,410	\$ 6,530,507	\$ 6,231,454	\$ 6,350,003	\$ (180,504)	-2.8%
02-400-40011. Sales-Construction Water	\$ 100,000	\$ 26,173	\$ 30,000	\$ 42,148	\$ 104,040	\$ 61,393	\$ 106,121	\$ 88,368	\$ 90,000	\$ (16,121)	-15.2%
02-400-40012. Sales-Imported Water-SGPWA	\$ 250,000	\$ 243,659	\$ 257,500	\$ 356,646	\$ 265,225	\$ 299,701	\$ 273,182	\$ 238,304	\$ 281,377	\$ 8,195	3.0%
02-400-40013. Sales-Imported Water-MUNI	\$ 850,000	\$ 750,337	\$ 875,500	\$ 847,812	\$ 901,765	\$ 819,735	\$ 928,818	\$ 739,496	\$ 956,682	\$ 27,864	3.0%
02-400-40014. Sales-Disc (Multi Unit) Commdy	\$ (110,000)	\$ (105,618)	\$ (110,000)	\$ (121,036)	\$ (110,000)	\$ (114,321)	\$ (110,000)	\$ (105,265)	\$ (110,000)	\$ -	0.0%
02-400-40015. Sales-Wholesale Water	\$ 200,000	\$ 93,831	\$ 115,000	\$ 188,572	\$ 212,180	\$ 204,817	\$ 218,545	\$ 156,661	\$ 165,000	\$ (53,545)	-24.5%
02-400-40016. Sales-Establish Service Fee	\$ 6,000	\$ 7,500	\$ 6,120	\$ 7,525	\$ 6,242	\$ 2,825	\$ 6,367	\$ 2,433	\$ 6,495	\$ 128	2.0%
02-400-40017. Sales-Excess Drinking Water	\$ -	\$ 67,684	\$ 564,756	\$ 258,144	\$ 587,062	\$ 242,311	\$ 236,265	\$ 227,571	\$ 227,571	\$ (8,694)	-3.7%
02-400-40018. Sales-Infrastructure	\$ -	\$ 173,830	\$ 1,136,669	\$ 901,979	\$ 1,399,377	\$ 1,664,295	\$ 1,719,019	\$ 1,834,622	\$ 1,834,622	\$ 115,603	6.7%
02-400-41000. Sales-Service Demand Charges	\$ 3,500,000	\$ 3,221,297	\$ 3,859,820	\$ 3,745,060	\$ 4,017,585	\$ 4,050,822	\$ 4,177,749	\$ 4,206,750	\$ 4,340,313	\$ 162,564	3.9%
02-400-41001. Sales-Fire Srv Standby Fees	\$ 40,000	\$ 45,206	\$ 40,800	\$ 60,404	\$ 41,616	\$ 67,979	\$ 42,448	\$ 72,513	\$ 75,000	\$ 32,552	76.7%
02-400-41003. Sales-Const Water Minimum Chg	\$ 5,000	\$ 2,252	\$ 5,100	\$ 3,521	\$ 5,202	\$ 3,443	\$ 5,306	\$ 4,484	\$ 5,412	\$ 106	2.0%
02-400-41005. Sales-Disc (Multi Units)-SC	\$ (135,000)	\$ (131,673)	\$ (128,250)	\$ (144,029)	\$ (121,838)	\$ (146,454)	\$ (115,746)	\$ (144,497)	\$ (109,958)	\$ 5,788	-5.0%
02-400-41010. Unauthorized Use of Water Chrg	\$ 2,000	\$ -	\$ 2,040	\$ 850	\$ 2,081	\$ 1,000	\$ 2,122	\$ -	\$ -	\$ (2,122)	-100.0%
02-400-41110. Meter/Lateral Installation	\$ 100,000	\$ 274,478	\$ 200,000	\$ 283,969	\$ 104,040	\$ 78,322	\$ 106,121	\$ 100,039	\$ 108,243	\$ 2,122	2.0%
02-400-41112. Fire Flow Test Fees	\$ 4,500	\$ 5,825	\$ 4,590	\$ 9,750	\$ 4,682	\$ 9,300	\$ 4,775	\$ 14,800	\$ 15,000	\$ 10,225	214.1%
02-400-41113. Disconnect & Reconnect Fees	\$ 100,000	\$ 27,848	\$ 70,000	\$ -	\$ 106,090	\$ -	\$ 54,637	\$ 100	\$ 112,551	\$ 57,914	106.0%
02-400-41121. Delinquent Payment Charges	\$ 135,000	\$ 93,128	\$ 139,050	\$ -	\$ 143,222	\$ 76,936	\$ 84,581	\$ 158,613	\$ 151,944	\$ 67,363	79.6%
02-400-41124. Bad Debt Write-Off & Recovery	\$ (20,000)	\$ (12,122)	\$ (20,400)	\$ (9,792)	\$ (20,808)	\$ (7,747)	\$ (21,224)	\$ (19,717)	\$ (21,649)	\$ (425)	2.0%
02-421-42122. Revenue - Other, Operating	\$ -	\$ 7,129	\$ -	\$ 655	\$ -	\$ 1,091	\$ -	\$ 478	\$ -	\$ -	
02-421-42123. Admin, Management & Acctg Fees	\$ 210,000	\$ 210,000	\$ 206,550	\$ 206,550	\$ 210,681	\$ 210,681	\$ 214,895	\$ 214,896	\$ 207,554	\$ (7,341)	-3.4%
02-430-43010. Interest Earned	\$ 115,000	\$ 68,747	\$ 70,000	\$ 23,476	\$ 25,000	\$ 12,138	\$ 9,600	\$ 220,844	\$ 193,238	\$ 183,638	1912.9%
02-431-43110. Property Tax - Unsecured	\$ 250,000	\$ 119,709	\$ -	\$ 123,768	\$ -	\$ 134,098	\$ -	\$ 185,210	\$ 140,000	\$ 140,000	
02-431-43120. Property Tax - Secured	\$ 3,000,000	\$ 2,851,492	\$ 2,988,863	\$ 3,005,903	\$ 3,346,943	\$ 3,204,686	\$ 3,296,675	\$ 3,238,885	\$ 3,437,844	\$ 141,169	4.3%
02-431-43130. Tax Collection - Prior	\$ 45,000	\$ 37,834	\$ 40,000	\$ 39,848	\$ -	\$ 46,646	\$ -	\$ 66,715	\$ 40,000	\$ 40,000	
02-431-43140. Taxes - Other	\$ 180,000	\$ 238,452	\$ 180,000	\$ 346,389	\$ -	\$ 409,589	\$ -	\$ 354,362	\$ 266,528	\$ 266,528	
02-480-48002. Grants	\$ 700,000	\$ 765,902	\$ 300,000	\$ 234,098	\$ 75,000	\$ 34,517	\$ 1,833,750	\$ 13,368	\$ 75,000	\$ (1,758,750)	-95.9%
02-480-48901. Contrib Cap-Capacity Fees	\$ -	\$ 904,379	\$ -	\$ 1,772,063	\$ -	\$ 869,253	\$ -	\$ 1,443,240	\$ -	\$ -	
02-480-48902. Contrib Cap-Sustainability	\$ -	\$ 116,215	\$ -	\$ 211,005	\$ -	\$ 61,617	\$ -	\$ 109,786	\$ -	\$ -	
02-480-48903. Contrib Cap-SGPWA Suppl Supply	\$ -	\$ 4,683	\$ -	\$ 164,778	\$ -	\$ 33,126	\$ -	\$ -	\$ -	\$ -	
02-480-48905. Contrib Cap-Infrastructure	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,579,698	\$ -	\$ -	\$ -	\$ -	
02-491-49100. Reserve Fund Transfer In	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 484,495	\$ -	\$ -	\$ (484,495)	-100.0%
02-491-49110. Rental Income	\$ 3,000	\$ -	\$ -	\$ -	\$ 3,001	\$ -	\$ 3,002	\$ -	\$ -	\$ (3,002)	-100.0%
02-491-49150. Revenue - Misc Non-Operating	\$ 45,122	\$ 14,885	\$ 20,000	\$ 101,489	\$ 25,001	\$ 68,813	\$ 25,002	\$ (5,978)	\$ 25,003	\$ 1	0.0%
	\$ 15,175,622	\$ 15,645,288	\$ 16,716,488	\$ 19,371,953	\$ 17,274,066	\$ 21,835,721	\$ 20,117,012	\$ 19,648,535	\$ 18,863,773	\$ (1,253,239)	-6.2%

NOTE: Pages 2-4 through 2-12 following this spreadsheet will provide more detail on most line items.

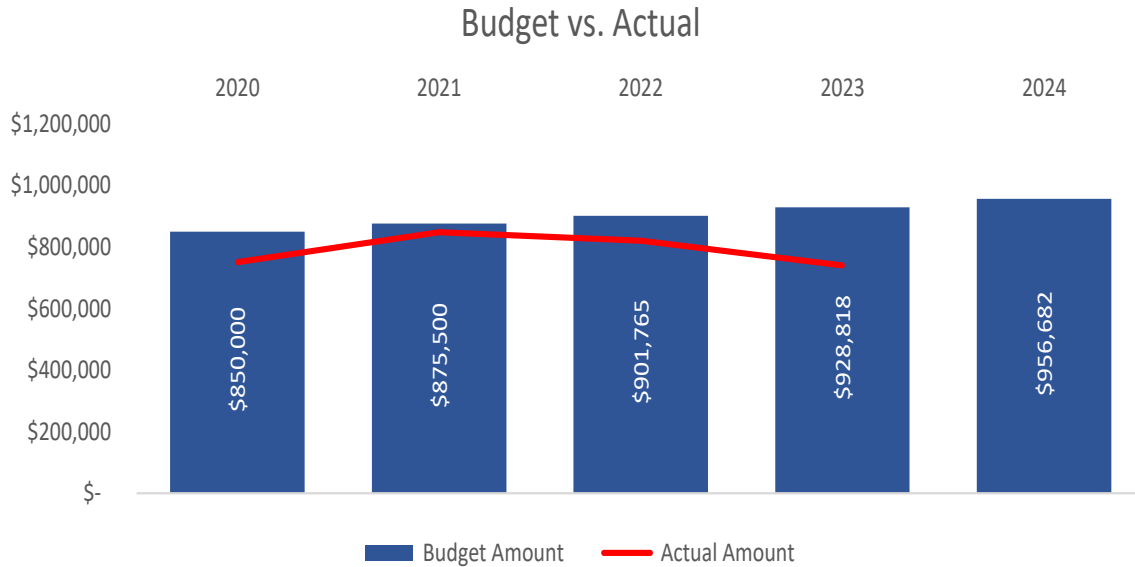
Drinking Water – Commodity Charge (02-400-40010): This revenue source is the variable component of the drinking water sales that is based on the amount of water consumed by our customers. Water sales represent the largest single revenue sources in the Water Division. Being a variable cost component of the District’s drinking water revenue, this revenue source is by its very nature variable and directly dependent on the amount of drinking water consumed. It is highly subject to seasonal variations and climatic changes.



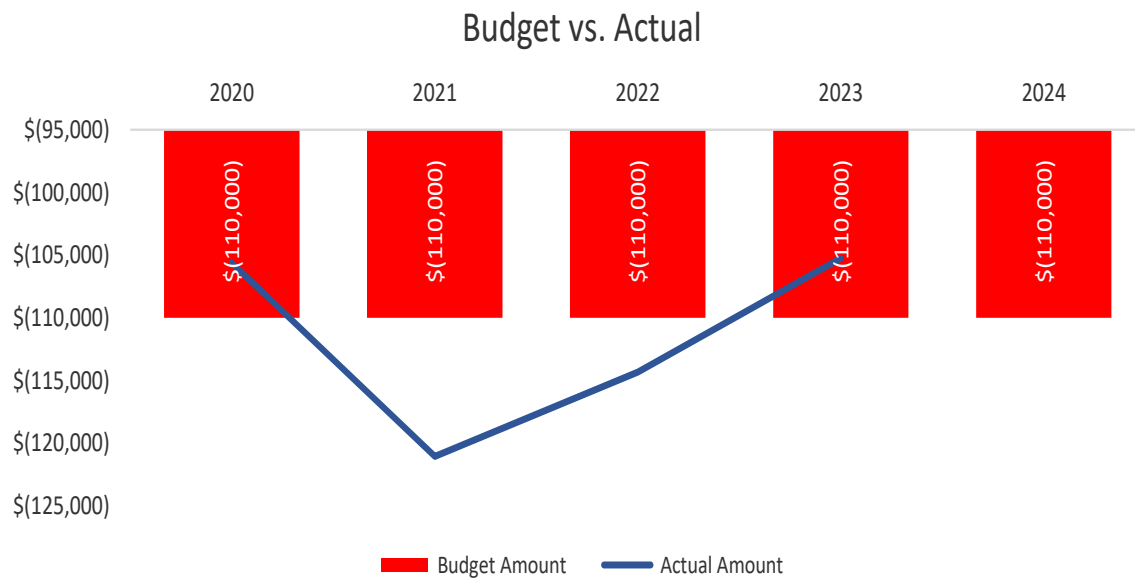
Supplemental Water Sales – Riverside County (02-400-40012): This revenue source applies to all drinking water consumption for the Riverside County portion of the District service area. These funds may be used to acquire, secure, operate, maintain, and obtain a variety of supplemental water sources to augment local water resources. This funding source may be used for drinking water or recycled water capital or operational costs that result in a reduction or replacement of imported water from the State Water Project.



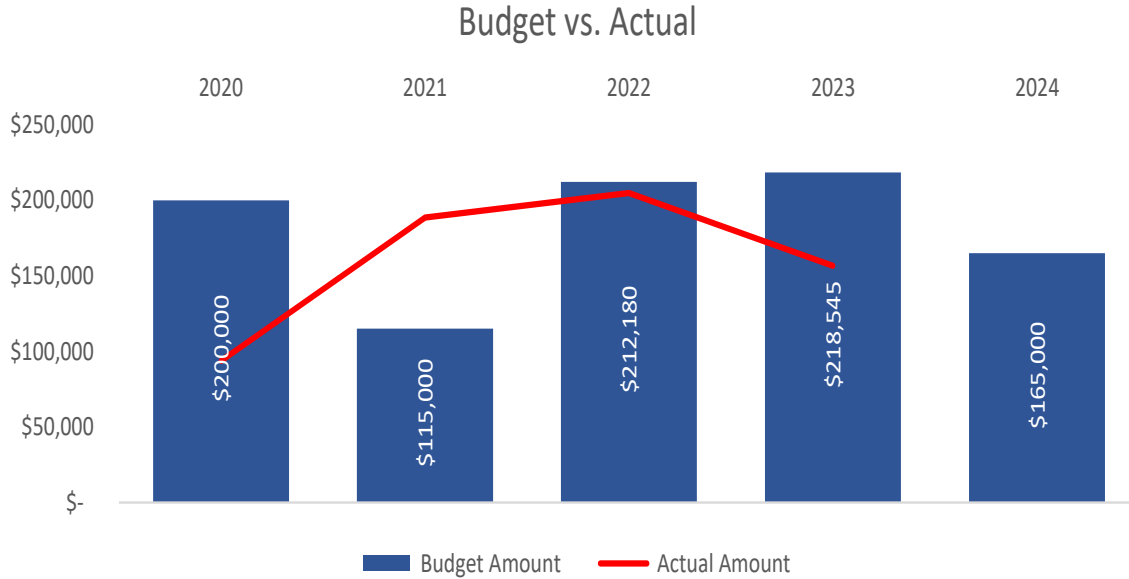
Supplemental Water Sales – San Bernardino County (02-400-40013): This revenue source applies to all drinking water consumption for the San Bernardino County portion of the District service area. These funds may be used to acquire, secure, operate, maintain, and obtain a variety of supplemental water sources to augment local water resources. This funding source may be used for drinking water or recycled water capital or operational costs that result in a reduction or replacement of imported water from the State Water Project.



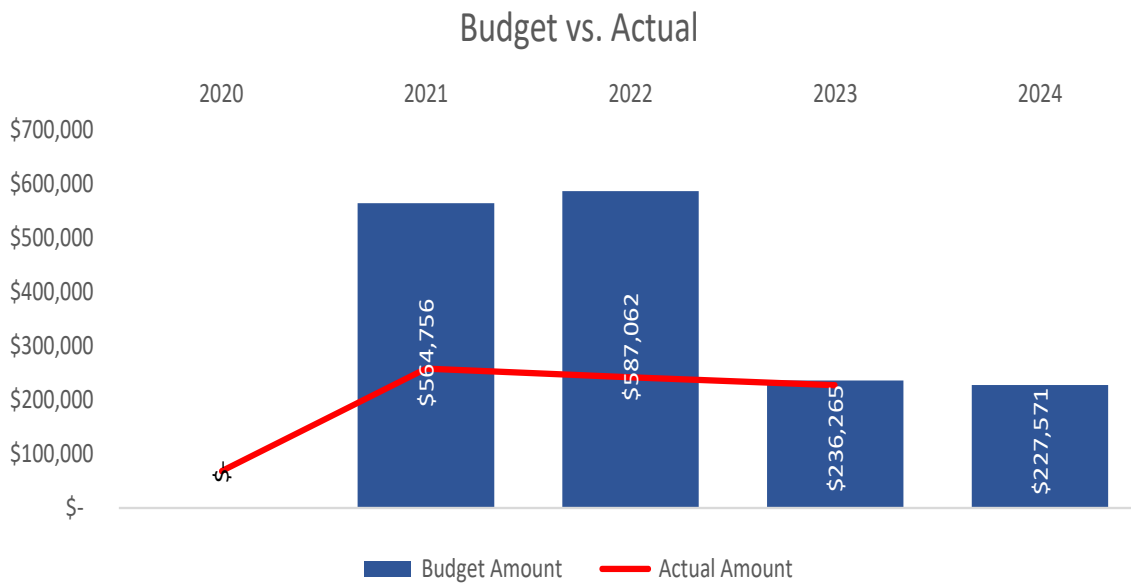
Drinking Water – Commodity Charge Multi-Unit Discount (02-400-40014): The most recent District rate schedule continues to include a discount for the commodity charges for those high-density developments with more than 30 dwelling units constructed prior to March 2005. This discount reflects the differential in service requirements for older high-density developments.



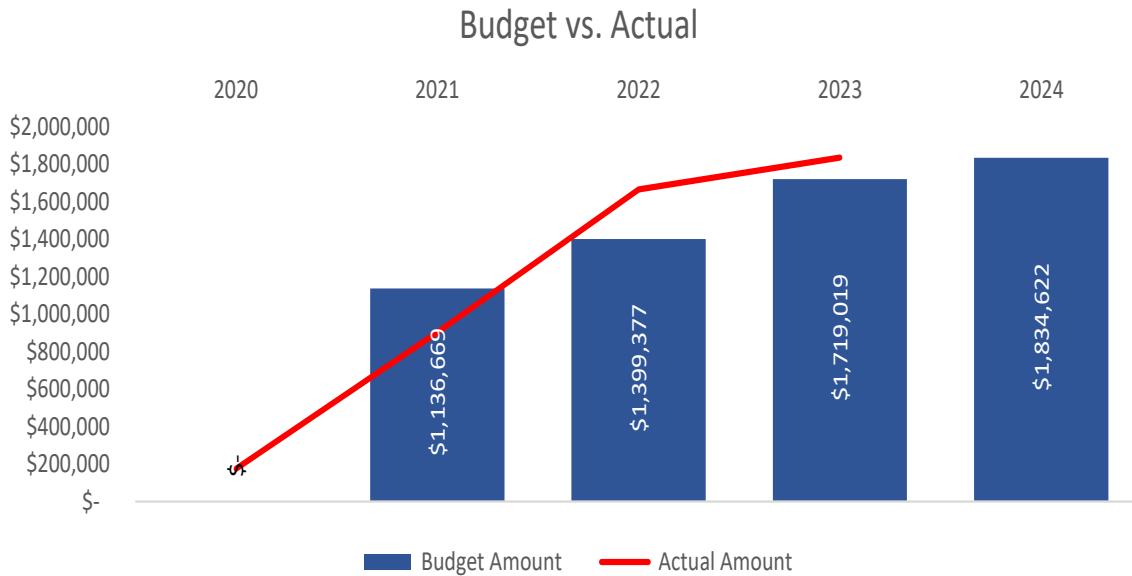
Water Wholesale Revenue (02-400-40015): This revenue source is generated from both the annual purchase of state water and the sale of filtered imported water delivered to one of several existing and proposed water delivery points. The District is only planning on serving Western Heights Mutual Water Company this fiscal year.



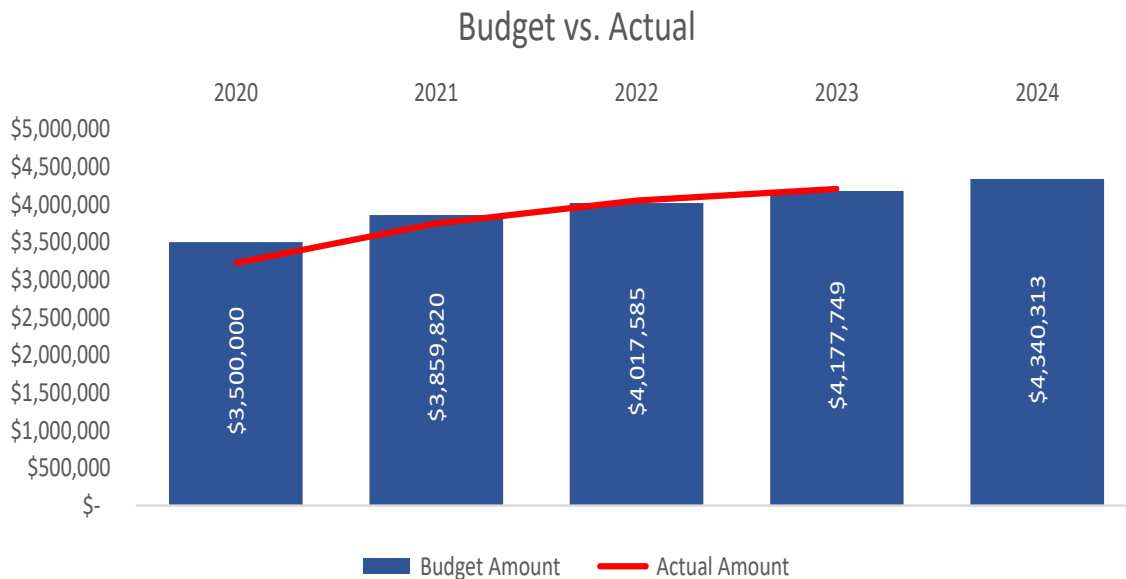
Excess Drinking Water Revenue (02-400-40017): This revenue source is generated from the drinking water used by customers each month that exceeds the quantity of purchased capacity in the system at time the new service was originally established. The excess usage creates additional demand and costs for the operation, repair, maintenance, and replacement of drinking water filtration facilities, pipelines, reservoirs, boosters and groundwater wells. This was a new revenue source beginning in 2019-20.



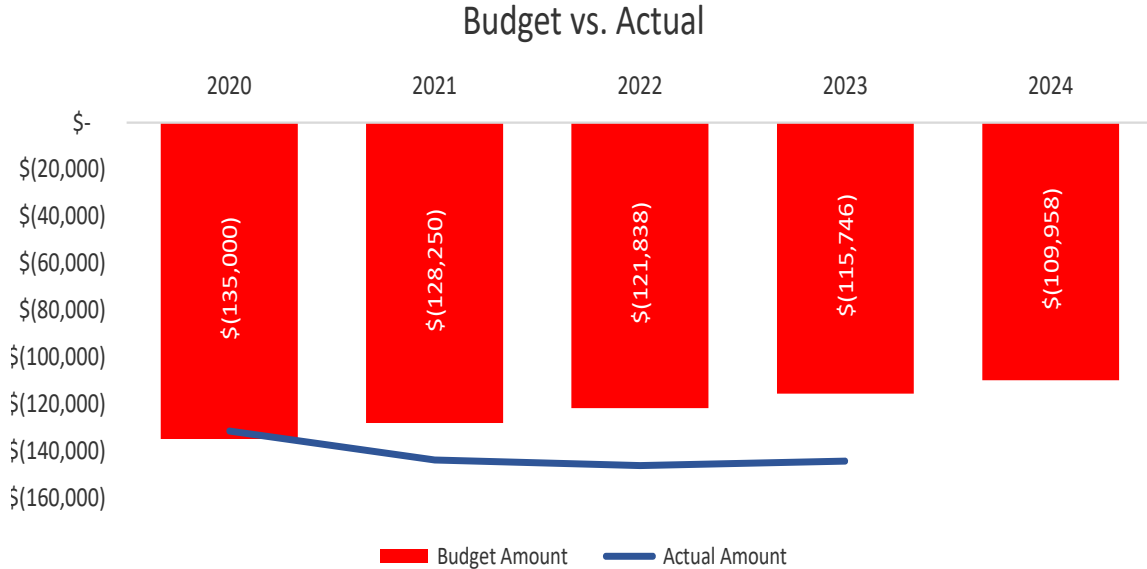
Infrastructure Drinking Water Revenue (02-400-40018): This revenue source applies to each billing unit, or fraction thereof to fund the replacement of infrastructure that supports the drinking water system. This was a new revenue source beginning in 2019-20.



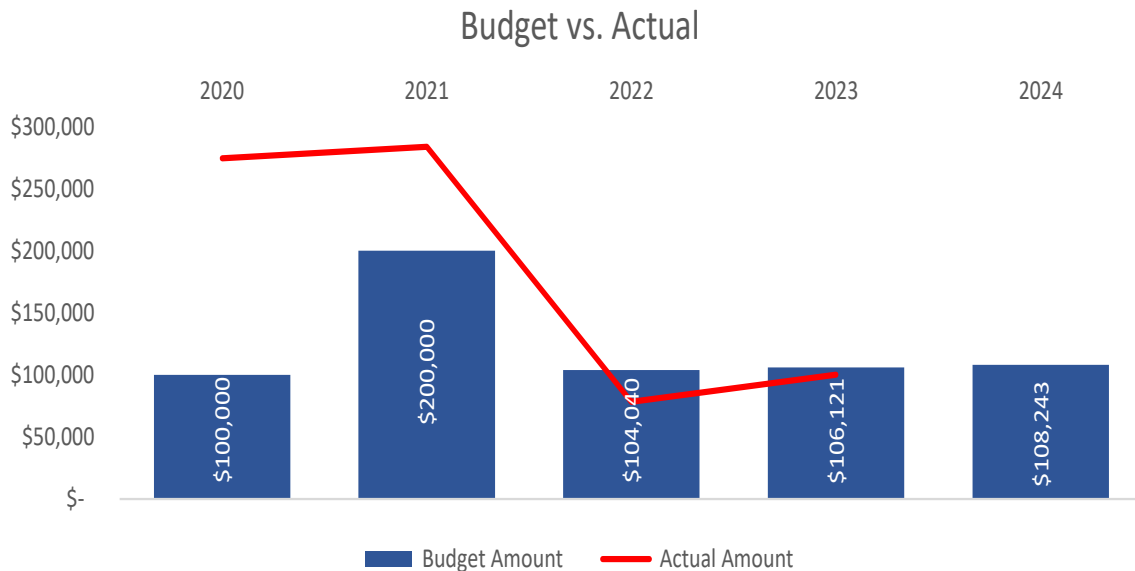
Drinking Water – Service Demand Charge (02-400-41000): This revenue source is the fixed rate component charged to all drinking water customers. Since this is a fixed charge, the estimated amount of revenue derived from this source is fairly constant year to year.



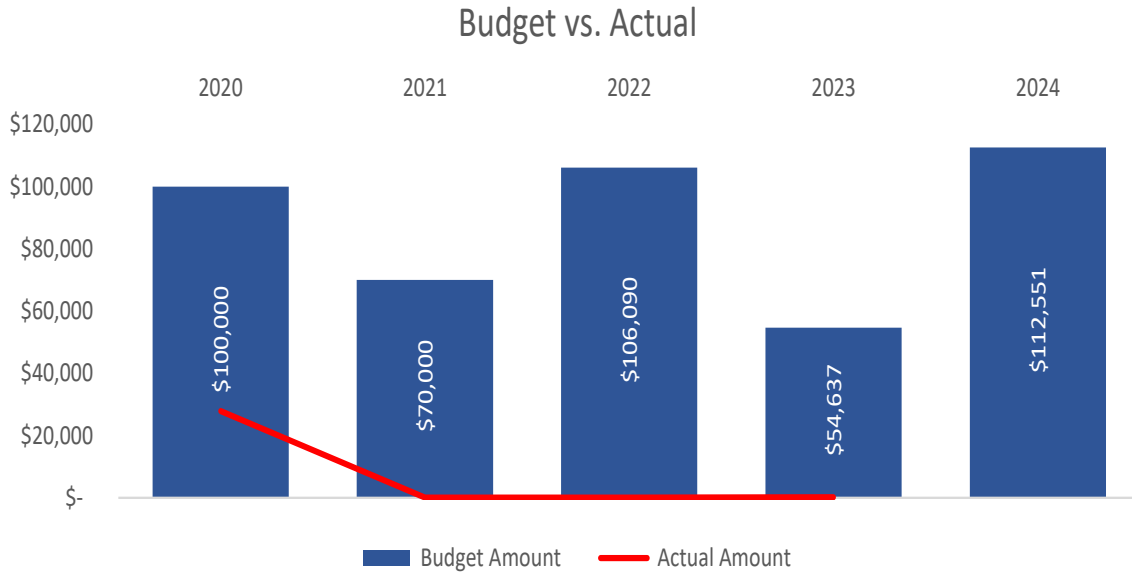
Drinking Water – Service Charge Multi-Unit Discount (02-400-41005): The most recent District rate schedule continues to include a service charge discount for high-density developments with more than 30 dwelling units constructed prior to March 2005. This discount reflects the differential in service requirements for older high-density developments.



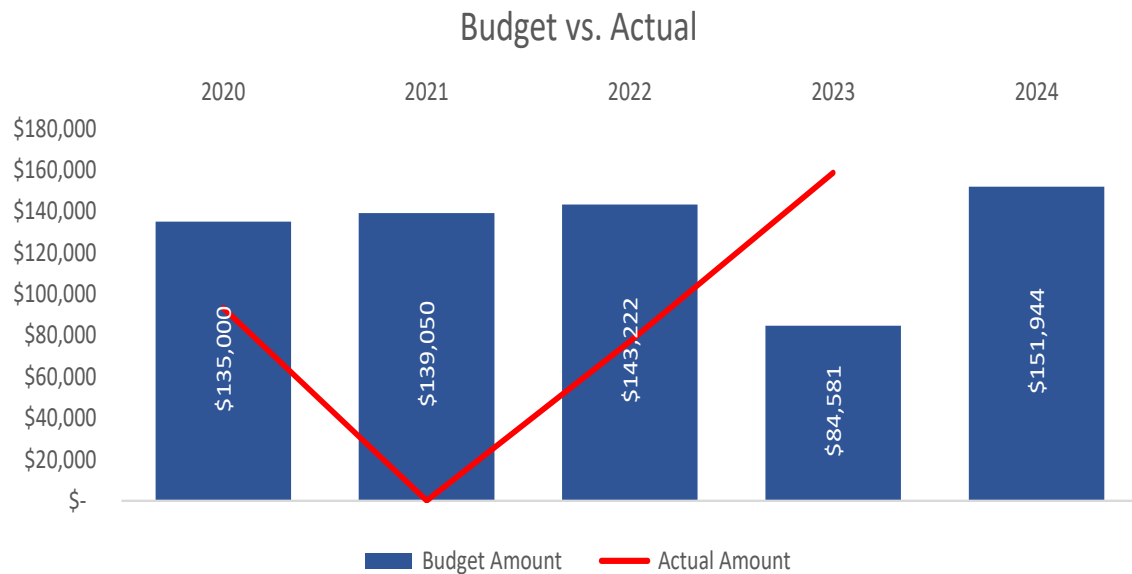
Water Meter & Lateral Installation Charges (02-400-41110): This revenue source is associated with the cost for installing a water meter and service lateral for a new customer. The revenue generated from this source is directly dependent on the number of new water meter installations that occur as a result of development.



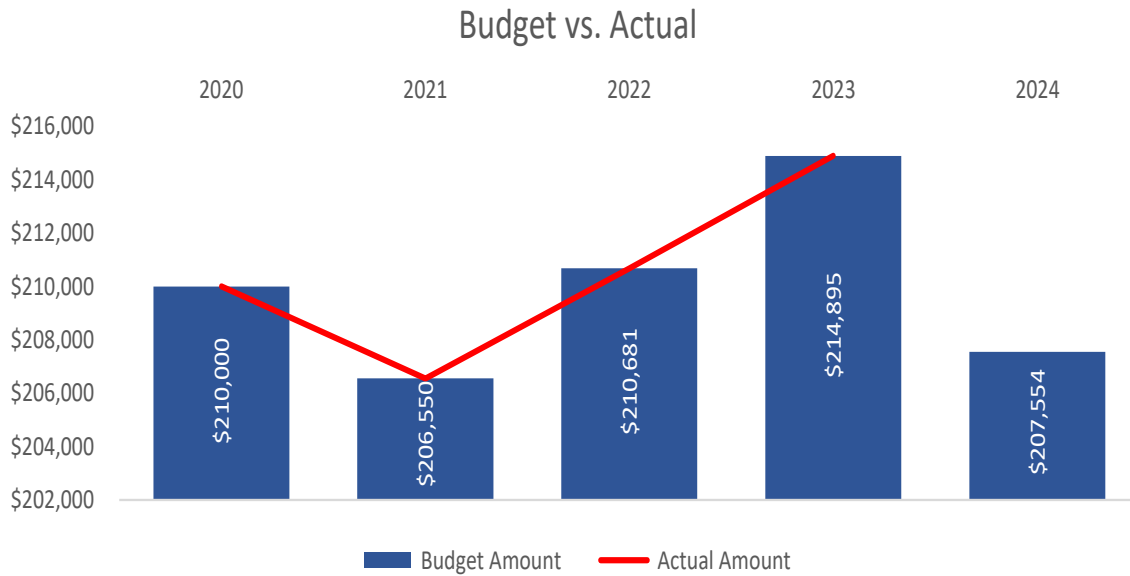
Disconnect & Reconnect Charges (02-400-41113): This revenue source is generated from turning water service off as a result of delinquent payments or closed accounts. This revenue source is generally constant. However, beginning in March 2020, as a result of COVID-19, service disconnections were temporarily suspended. The District resumed charging this fee in April 2023. However, at the time of budget preparation, this was not reflected in the estimates.



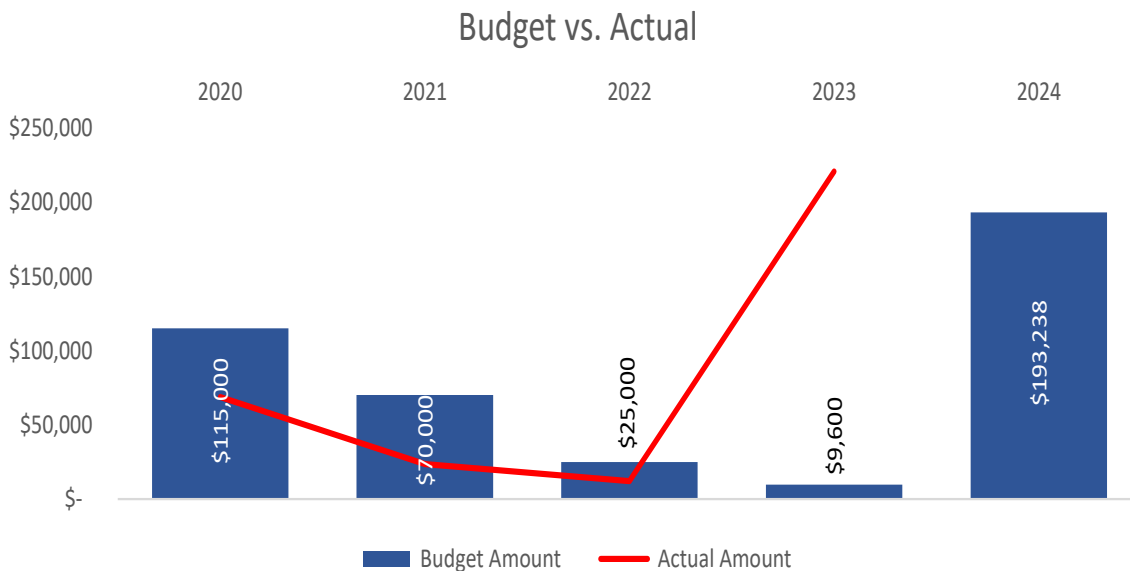
Delinquent Payment Charges (02-400-41121): This revenue source is generated from late payments of drinking water services to the District. The District’s late charges are 10% for the first month of the unpaid total. This late charge is not intended to represent an interest rate or cost of money, but rather a penalty charge for late payment on an account. Beginning in March 2020 through February 2022, as a result of COVID-19, late fees were temporarily suspended.



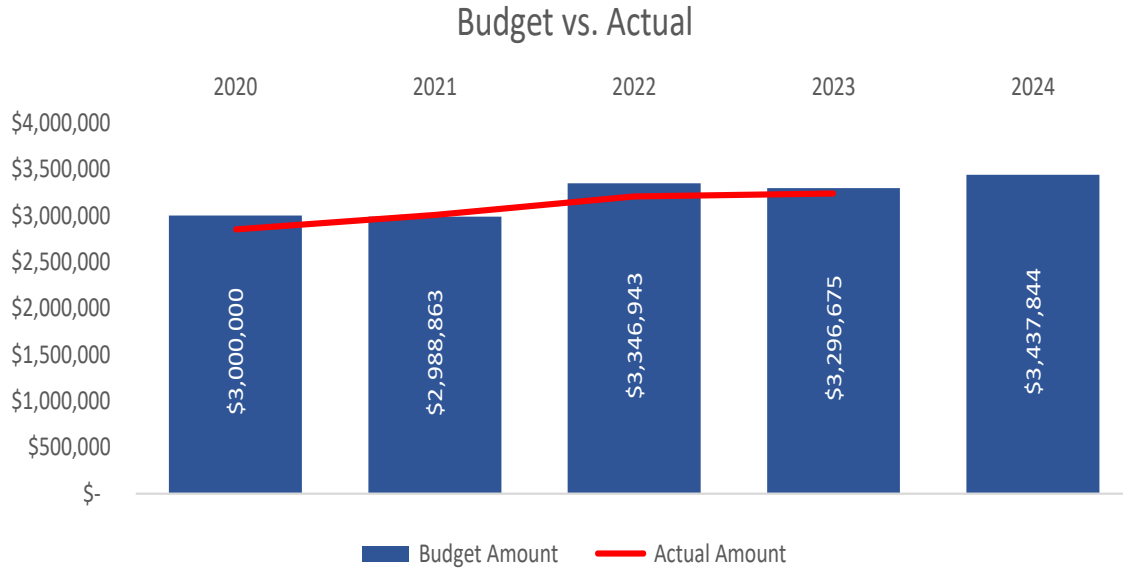
Management & Accounting Services (02-421-42123): This revenue source is a transfer from the sewer division to ensure both the drinking water and sewer divisions pay a fair share of expenses related to administration, accounting and general services.



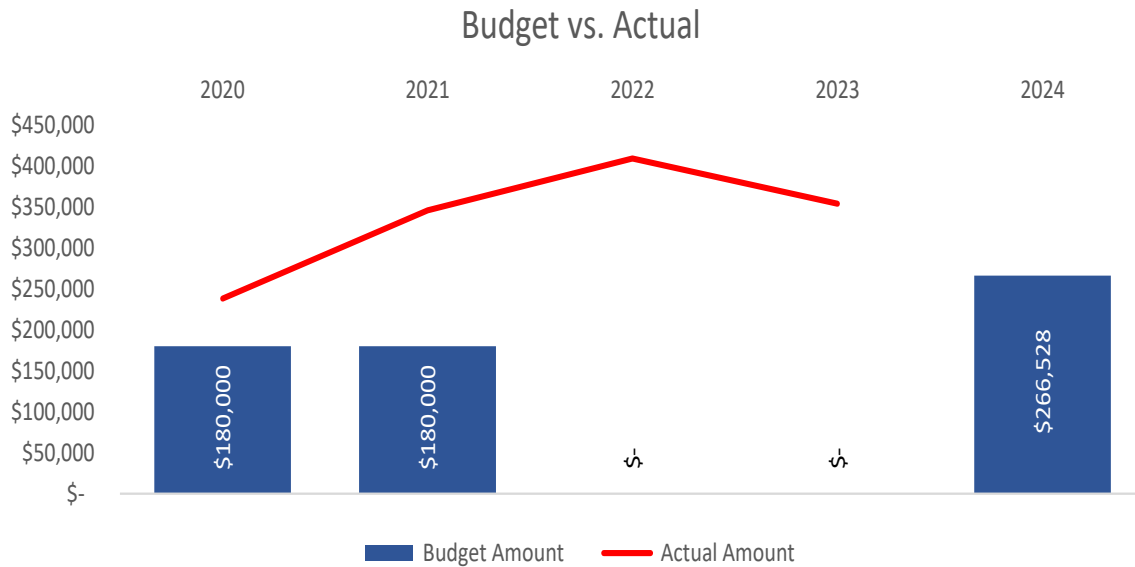
Interest Earned (02-430-43010): This revenue source is generated from the investment interest earnings. The Districts investment policy utilizes the Capital Asset Management Program (CAMP) and Local Agency Investment Fund (LAIF) as the investment vehicles. The budgeted amount has been increased to more accurately reflect the anticipated revenue for 2023-24.



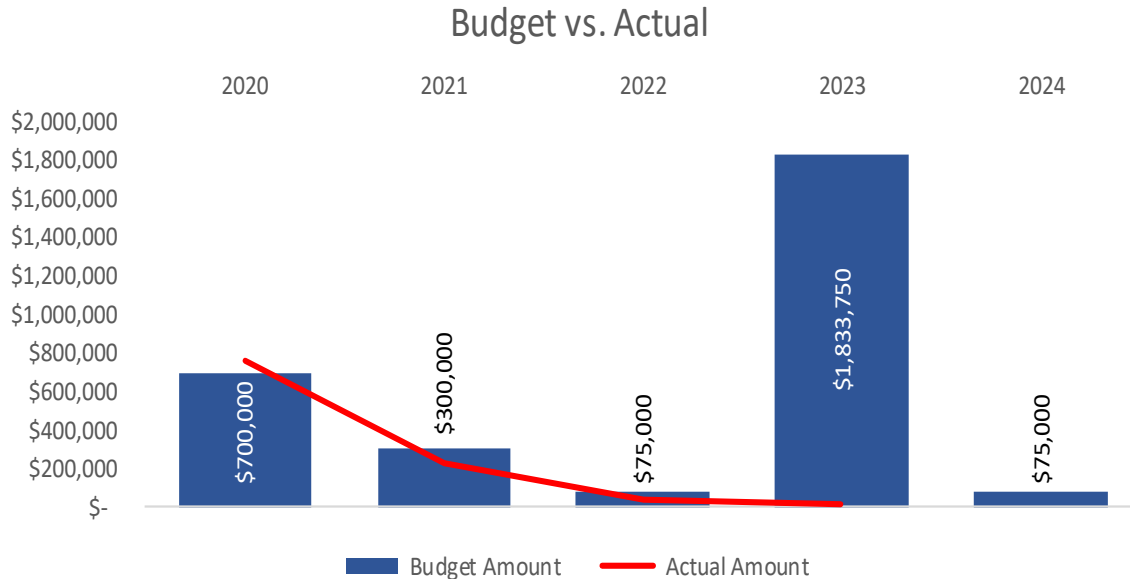
Property Tax – Secured (02-431-43120): This revenue source is generated from the secured portion of the property tax increment received by the District from properties within the District’s service area. Secured property taxes are those taxes collected on real property such and land and structures.



Taxes - Other (02-431-43140): This revenue source includes other taxes collected and paid to the District.



Grants (02-480-48002): This budgeted revenue source for fiscal year 2022-23 was for two grants the District has received. The first was awarded in July 2021 by the State Water Resources Control Board for \$1.7 million for the Calimesa Recycled Water Conveyance which was actually recorded in the Recycled Water fund. The second grant was awarded in March 2022 by the Bureau of Reclamation for \$75,000 for the Yucaipa Basin Groundwater Monitoring Project. Prior year budget and actuals were for the AMI grant (\$1,000,000) and the large meter replacement grant (\$75,000).



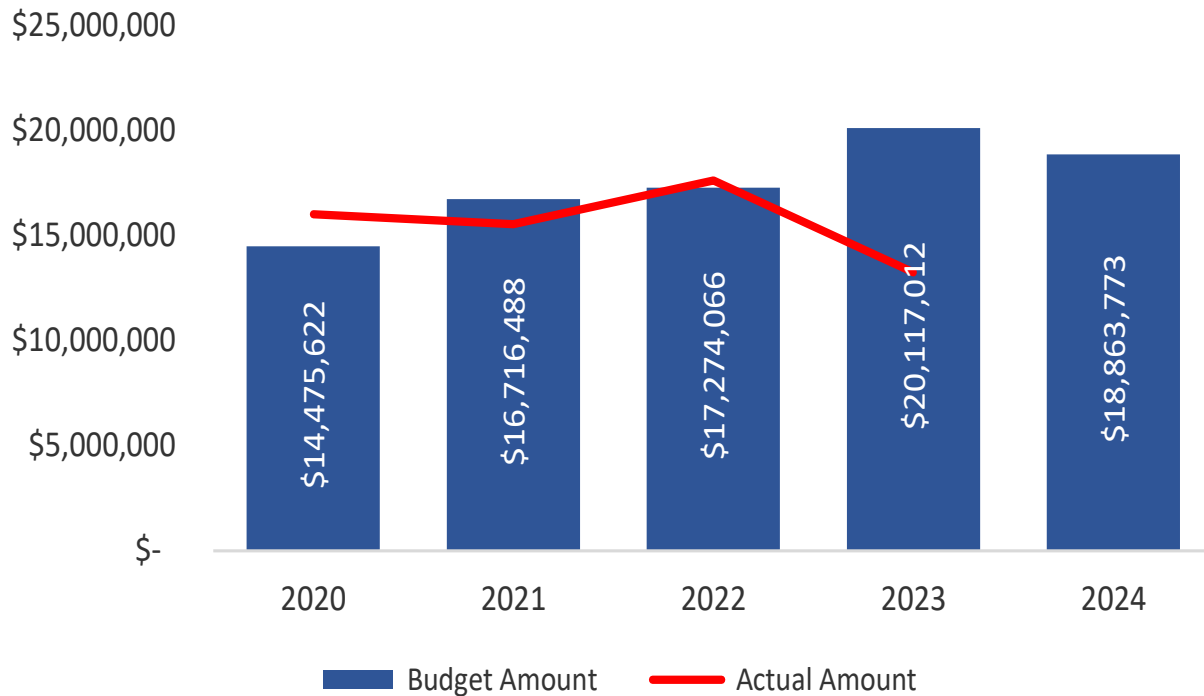
Other sources of operating revenue for the water division include:

- Construction Water – Commodity Charges (02-400-40011)
- Establish Service Fee (02-400-40016)
- Fire Service Standby Fee (02-400-41001)
- Construction Water – Service Charge (02-400-41003)
- Fire Flow Test Fees (02-400-41112)
- Bad Debt Write-Off & Recovery (02-400-41124)
- Property Tax – Unsecured (02-431-43110)
- Tax Collection – Prior (02-431-43130)
- Revenue – Misc. Non-Operating (02-491-49150)

Water Division Expenses

The Water Division is comprised of three departments: Water Operations, Public Works and Administration. This year, the Water Division will be allocated \$18,863,773 (not including asset acquisitions & capital improvements), which represents a decrease of \$1,253,239 as compared to the prior year modified budget, or a 6.2% decrease.

Budget vs. Actual



	Budget Amount		Actual Amount	
2020	\$	14,475,622	\$	16,015,101
2021	\$	16,716,488	\$	15,545,086
2022	\$	17,274,066	\$	17,612,369
2023	\$	20,117,012	\$	13,247,274
2024	\$	18,863,773		

Organizational Structure & Staffing Levels – This year the Drinking Water Division has been allocated labor resources of 39.06 Full-Time Equivalent (FTE) employees¹, which represents an increase of 0.26 FTE's as compared to the prior year adopted budget.

Title	Range	FTE	Expense
General Manager	-	0.45	\$ 182,514
Chief Financial Officer	259	0.50	\$ 171,382
Director of Engineering	246	0.43	\$ 111,756
Operations Manager	240	1.00	\$ 222,612
Resource Manager	237	0.35	\$ 92,316
Administrative Manager	234	0.50	\$ 112,615
Public Works Manager	234	1.45	\$ 352,082
Regulatory Compliance Manager	229	0.35	\$ 62,816
Chief Information Officer	226	0.45	\$ 66,966
Senior Integrated Operator	124	1.00	\$ 183,680
Public Works Supervisor	117	2.80	\$ 477,448
Resource Specialist	113	0.35	\$ 54,456
Senior Engineering Technician	110	0.43	\$ 60,043
Accountant	108	0.50	\$ 85,728
Integrated Operator IV	60	3.00	\$ 541,067
Senior Utility Service Worker	54	2.10	\$ 359,861
Integrated Operator III	53	3.00	\$ 536,452
Utility Service Worker IV	49	1.05	\$ 148,834
Purchasing Agent	45	0.75	\$ 85,627
Water Quality Chemist	45	0.20	\$ 32,345
Utility Service Worker III	44	3.15	\$ 406,519
Integrated Operator II	42	1.50	\$ 259,934
Administrative Assistant I	39	0.50	\$ 81,892
Utility Service Worker II	36	3.15	\$ 353,736
Administrative Clerk IV	35	0.50	\$ 66,941
Utility Service Worker I	32	9.10	\$ 976,445
Administrative Clerk I	23	0.50	\$ 47,683
Total		39.06	\$ 6,133,750

¹ The positions that are assigned a FTE value of less than 1.0 are involved in other divisions such as the Sewer Division and Recycled Water Division.

Water Operations Department

Department Description – The Water Operations Department is responsible for maintaining the safe and efficient operation of the drinking water system. This involves monitoring and ensuring the production of drinking water from the District’s vertical wells and horizontal wells coordinated with the water processed from the Oak Glen Surface Water Filtration Facility, and the Yucaipa Valley Regional Water Filtration Facility. The Water Operations Department also maintains the operation of the recycled water system. The Water Operations Department is responsible for maintaining the balance between the seasonal demand for water by our customers and the amount of water produced and pumped to various portions of the water service area.

Departmental Responsibilities – The Water Operations Department is responsible for a total of 28 vertical water production wells, 39 monitoring wells, seven horizontal water production wells, three separate surface sources, two drinking water filtration facilities, 32 reservoirs, and 19 booster pump stations. Additionally, the Department is responsible for the operation of recycled water activities of the District.

Organizational Structure & Staffing Levels – This year the Water Operations Department has been allocated labor Operations of 9.70 Full-Time Equivalent (FTE) employees².

Title	Range	FTE	Expense
Operations Manager	240	1.00	\$ 222,612
Senior Integrated Operator	124	1.00	\$ 183,680
Integrated Operator IV	60	3.00	\$ 541,067
Integrated Operator III	53	3.00	\$ 536,452
Water Quality Chemist	45	0.20	\$ 32,345
Integrated Operator II	42	1.50	\$ 259,934
Total		9.70	\$ 1,776,090

This year, the Water Operations Department will be allocated \$5,845,591 (not including asset acquisitions & capital improvements), which represents an increase of \$170,064 as compared to the prior year modified budget, or a 3.0% increase.

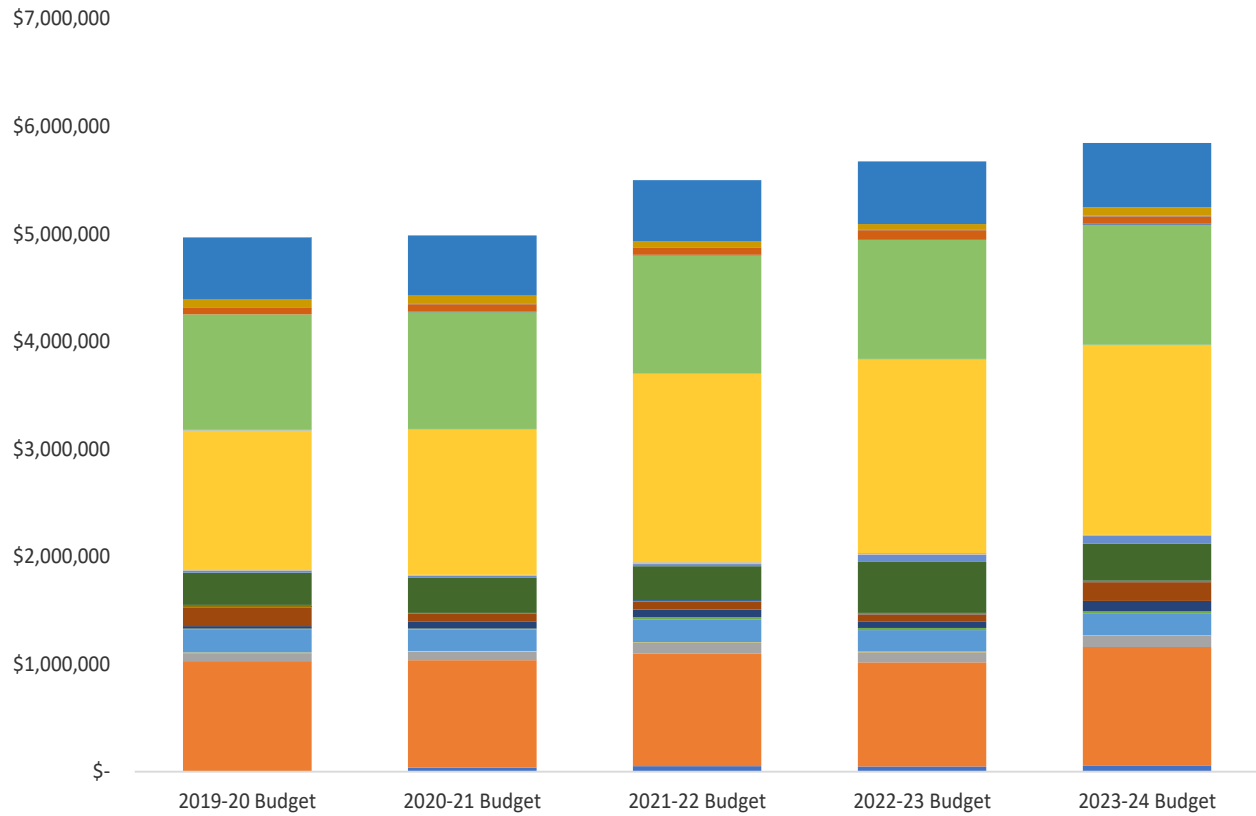
The budget is based largely on the previous year’s water demands and energy costs.

Anticipated Issues for this Fiscal Year – Any issues that arise need to be closely monitored during future periods to minimize unexpected financial commitments of District funds. The specific resolution to the issues may need to be further analyzed by District staff and presented to the Board of Directors for the adoption of a specific policy, procurement or others action as deemed necessary.

² The positions that are assigned a FTE value of less than 1.0 are involved in other divisions such as the Sewer Division and Recycled Water Division.

Budget Overview – The following illustration shows the budgeted line items for the **Water Operations** Budget.

Expense Budget



- Labor-Overtime
- Labor
- Director Fees
- Benefits-FICA
- Benefits-Life Insurance
- Benefits-Health & Def Comp
- Benefits-Disability Insurance
- Benefits-Workers Comp
- Benefits-PERS Employer
- Benefits-Uniforms
- Benefits-Vacation & Sick Pay
- Benefits-Boots & Incentives
- R&M-Structures
- Safety Equipment & Supplies
- Petroleum Products
- Office Supplies & Expenses
- General Supplies & Expenses
- Electricity
- Natural Gas
- Dues & Subscriptions
- Computer Expenses
- Postage
- Printing & Publications
- Education & Training
- Utility Billing Expenses
- Public Relations
- Travel Related Expenses
- Certifications & Renewals
- Meeting Related Expenses
- Utilities-YVWD Services
- Waste Disposal
- Telephone & Internet
- Conservation & Rebates
- Contractual Services
- Legal
- Audit & Accounting
- Professional Fees
- Depreciation
- Insurance
- Regulatory Compliance
- Yucaipa SGMA
- Beaumont Basin Watermaster
- San Timoteo SGMA
- Bunker Hill GSC

Water Operations Department

Account	2019-20 Budget	2019-20 Actual	2020-21 Budget	2020-21 Actual	2021-22 Budget	2021-22 Actual	2022-23 Budget	2022-23 Estimated	2023-24 Budget	Increase (Decrease) in Budget	Increase (Decrease) %
02-501-50009. Labor - Overtime	\$ -	\$ 21,559	\$ 35,447	\$ 49,066	\$ 49,944	\$ 50,457	\$ 46,189	\$ 53,966	\$ 54,129	\$ 7,940	17.2%
02-501-50010. Labor	\$ 1,027,703	\$ 882,096	\$ 1,000,914	\$ 1,064,402	\$ 1,046,041	\$ 1,009,283	\$ 970,834	\$ 1,045,191	\$ 1,104,805	\$ 133,971	13.8%
02-501-50013. Benefits-FICA	\$ 73,537	\$ 74,283	\$ 79,279	\$ 90,496	\$ 100,270	\$ 86,458	\$ 93,230	\$ 88,149	\$ 104,322	\$ 11,092	11.9%
02-501-50014. Benefits-Life Insurance	\$ 6,264	\$ 1,716	\$ 4,899	\$ 1,645	\$ 3,863	\$ 1,543	\$ 4,848	\$ 1,568	\$ 4,876	\$ 28	0.6%
02-501-50016. Benefits-Health & Def Comp	\$ 211,826	\$ 227,569	\$ 201,304	\$ 253,129	\$ 212,989	\$ 231,969	\$ 200,375	\$ 236,836	\$ 203,389	\$ 3,014	1.5%
02-501-50017. Benefits-Disability Insurance	\$ 11,004	\$ 14,209	\$ 9,326	\$ 15,617	\$ 23,332	\$ 15,697	\$ 20,961	\$ 15,207	\$ 19,092	\$ (1,869)	-8.9%
02-501-50019. Benefits-Workers Compensation	\$ 23,013	\$ 24,065	\$ 60,398	\$ 39,233	\$ 69,237	\$ 54,265	\$ 57,132	\$ 89,456	\$ 96,621	\$ 39,489	69.1%
02-501-50021. Benefits-PERS Employee	\$ -	\$ -	\$ -	\$ (603)	\$ -	\$ (770)	\$ -	\$ (1,130)	\$ -	\$ -	
02-501-50022. Benefits-PERS Employer	\$ 173,405	\$ 58,302	\$ 75,364	\$ 74,371	\$ 77,054	\$ 65,174	\$ 68,681	\$ 67,655	\$ 174,125	\$ 105,444	153.5%
02-501-50023. Benefits-Uniforms	\$ 6,525	\$ 4,643	\$ 5,050	\$ 2,995	\$ 5,346	\$ 4,022	\$ 6,358	\$ 5,496	\$ 7,446	\$ 1,088	17.1%
02-501-50024. Benefits-Vacation & Sick Pay	\$ 8,000	\$ 8,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
02-501-50025. Benefits-Boots & Incentives	\$ 8,415	\$ 6,030	\$ 3,330	\$ 3,180	\$ 8,700	\$ 500	\$ 7,035	\$ 3,638	\$ 7,285	\$ 250	3.6%
02-501-51003. R&M - Structures	\$ 300,000	\$ 518,407	\$ 325,776	\$ 468,872	\$ 312,120	\$ 307,019	\$ 475,372	\$ 628,568	\$ 343,357	\$ (132,015)	-27.8%
02-501-51011. R&M - Valves	\$ 20,000	\$ 5,148	\$ 20,400	\$ 52,850	\$ 20,808	\$ 83,456	\$ 65,000	\$ 89,933	\$ 75,412	\$ 10,412	16.0%
02-501-51115. Laboratory Supplies	\$ -	\$ -	\$ 2,550	\$ -	\$ 2,601	\$ 1,181	\$ 2,653	\$ 1,224	\$ 2,706	\$ 53	2.0%
02-501-51140. General Supplies & Expenses	\$ 3,000	\$ 8,209	\$ 5,000	\$ 17,241	\$ 16,000	\$ 7,468	\$ 14,500	\$ 2,649	\$ 3,247	\$ (11,253)	-77.6%
02-501-51210. Power Purchases	\$ 1,300,000	\$ 1,250,506	\$ 1,352,000	\$ 1,550,320	\$ 1,750,000	\$ 1,939,494	\$ 1,800,000	\$ 1,798,181	\$ 1,762,665	\$ (37,335)	-2.1%
02-501-51211. Electricity & Fuel	\$ 5,000	\$ 3,620	\$ 5,100	\$ 3,280	\$ 5,202	\$ 4,220	\$ 5,306	\$ 2,860	\$ 5,412	\$ 106	2.0%
02-501-51316. Supplemental Source of Supply	\$ 1,075,000	\$ 821,739	\$ 1,085,750	\$ 763,989	\$ 1,096,608	\$ 643,659	\$ 1,107,574	\$ 704,330	\$ 1,118,649	\$ 11,075	1.0%
02-501-54012. Education & Training	\$ -	\$ 9,641	\$ 7,303	\$ 2,736	\$ 7,303	\$ 200	\$ 5,015	\$ -	\$ 6,175	\$ 1,160	23.1%
02-501-54019. Licenses & Permits	\$ 65,000	\$ 58,648	\$ 66,300	\$ 56,149	\$ 67,626	\$ 66,611	\$ 82,500	\$ 84,588	\$ 70,358	\$ (12,142)	-14.7%
02-501-54025. Telephone & Internet	\$ -	\$ 3,488	\$ 3,000	\$ 3,648	\$ 3,300	\$ 3,488	\$ 3,300	\$ 4,880	\$ 5,000	\$ 1,700	51.5%
02-501-54110. Laboratory Services	\$ 77,500	\$ 86,115	\$ 76,500	\$ 39,801	\$ 50,000	\$ 49,722	\$ 55,000	\$ 54,651	\$ 81,182	\$ 26,182	47.6%
02-501-57040. YVRWFF-Crystal Creek Exp	\$ 567,431	\$ 599,067	\$ 561,000	\$ 711,902	\$ 572,220	\$ 566,375	\$ 583,664	\$ 647,908	\$ 595,338	\$ 11,674	2.0%
	\$ 4,962,623	\$ 4,687,060	\$ 4,985,990	\$ 5,264,318	\$ 5,500,564	\$ 5,191,492	\$ 5,675,527	\$ 5,625,804	\$ 5,845,591	\$ 170,064	3.0%

NOTE: Pages 2-19 through 2-32 following this spreadsheet will provide more detail on each line item.

Water Division – Water Operations Department

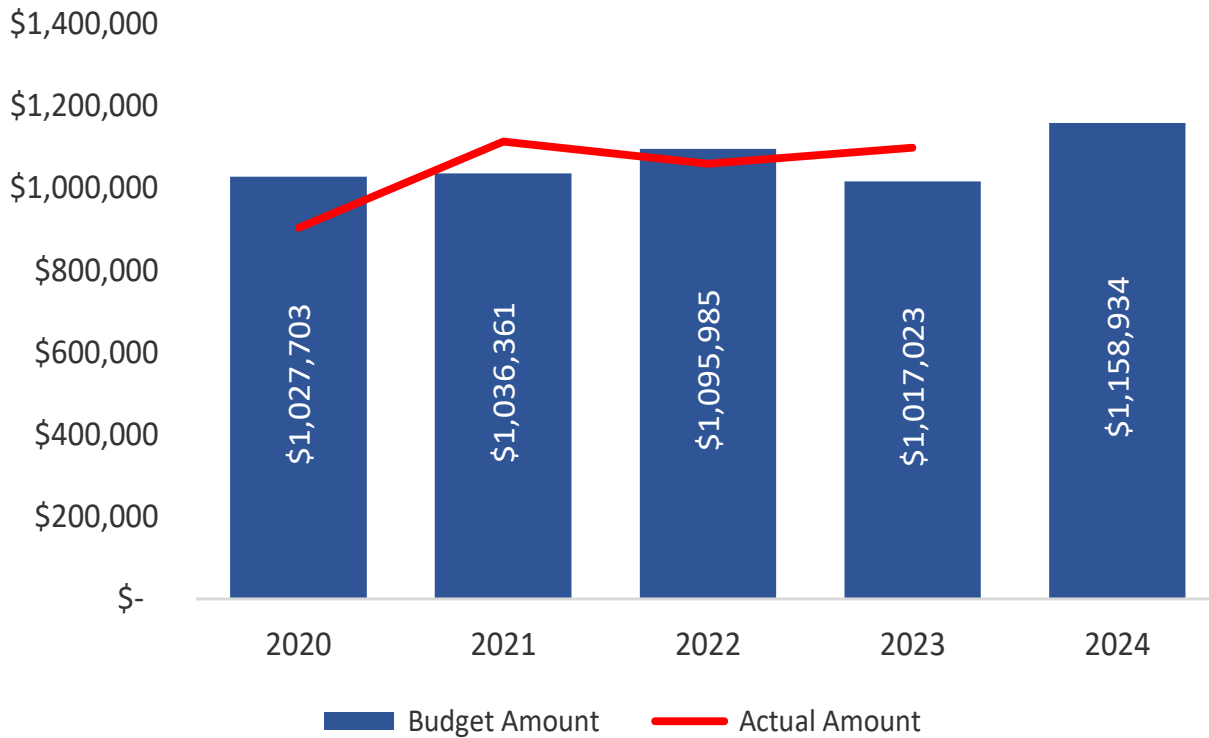
02-501-500xx

Labor

This budget category includes the base salaries, overtime, and standby expenses associated with the Water Operations Department staff members. Fiscal year 2020-21 was the first time the District had budgeted for overtime separately.

Account	2019-20 Actual	2020-21 Actual	2021-22 Actual	2022-23 Projection	2023-24 Budget
02-501-50009. Labor - Overtime	\$ 21,559	\$ 49,066	\$ 50,457	\$ 53,966	\$ 54,129
02-501-50010. Labor	\$ 882,096	\$ 1,064,402	\$ 1,009,283	\$ 1,045,191	\$ 1,104,805
	<u>\$ 903,655</u>	<u>\$ 1,113,468</u>	<u>\$ 1,059,740</u>	<u>\$ 1,099,157</u>	<u>\$ 1,158,934</u>

Budget vs. Actual



Water Division – Water Operations Department

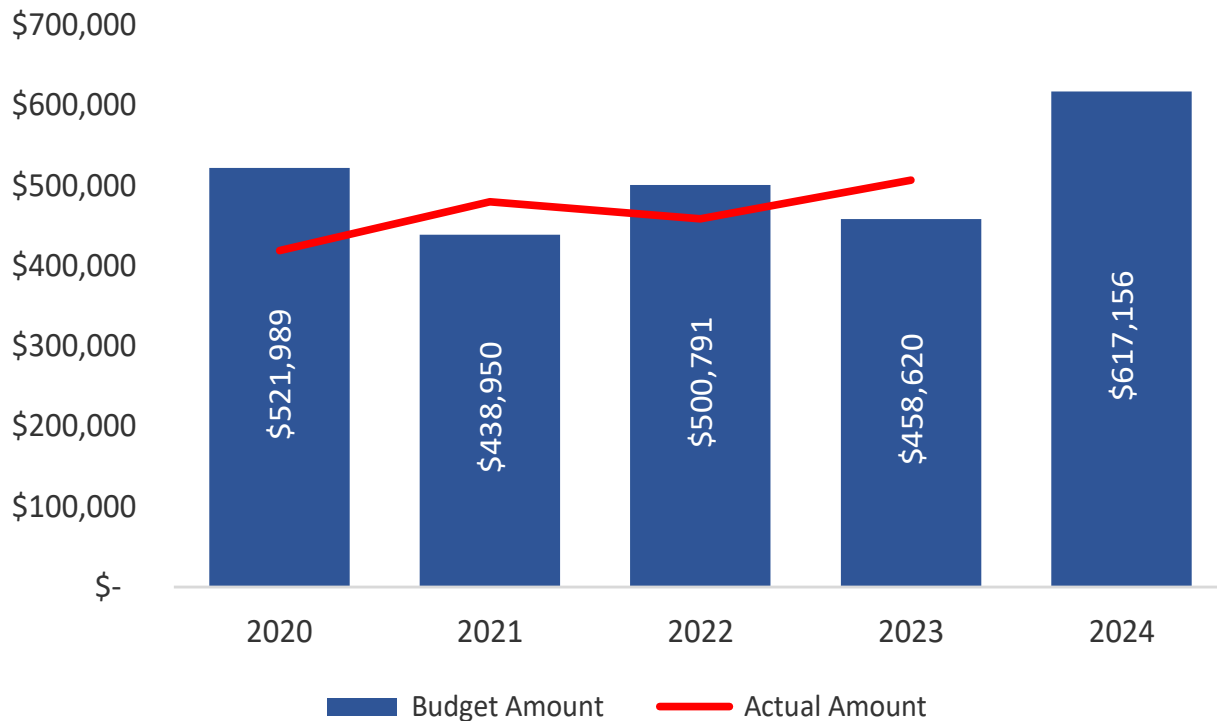
02-501-500xx

Benefits

This budget category includes the District paid benefits for the staff members of the Water Operations Department.

Account	2019-20 Actual	2020-21 Actual	2021-22 Actual	2022-23 Projection	2023-24 Budget
02-501-50013. Benefits-FICA	\$ 74,283	\$ 90,496	\$ 86,458	\$ 88,149	\$ 104,322
02-501-50014. Benefits-Life Insurance	\$ 1,716	\$ 1,645	\$ 1,543	\$ 1,568	\$ 4,876
02-501-50016. Benefits-Health & Def Comp	\$ 227,569	\$ 253,129	\$ 231,969	\$ 236,836	\$ 203,389
02-501-50017. Benefits-Disability Insurance	\$ 14,209	\$ 15,617	\$ 15,697	\$ 15,207	\$ 19,092
02-501-50019. Benefits-Workers Compensation	\$ 24,065	\$ 39,233	\$ 54,265	\$ 89,456	\$ 96,621
02-501-50021. Benefits-PERS Employee	\$ -	\$ (603)	\$ (770)	\$ (1,130)	\$ -
02-501-50022. Benefits-PERS Employer	\$ 58,302	\$ 74,371	\$ 65,174	\$ 67,655	\$ 174,125
02-501-50023. Benefits-Uniforms	\$ 4,643	\$ 2,995	\$ 4,022	\$ 5,496	\$ 7,446
02-501-50024. Benefits-Vacation & Sick Pay	\$ 8,000	\$ -	\$ -	\$ -	\$ -
02-501-50025. Benefits-Boots & Incentives	\$ 6,030	\$ 3,180	\$ 500	\$ 3,638	\$ 7,285
	\$ 418,817	\$ 480,062	\$ 458,858	\$ 506,875	\$ 617,156

Budget vs. Actual



Water Division – Water Operations Department

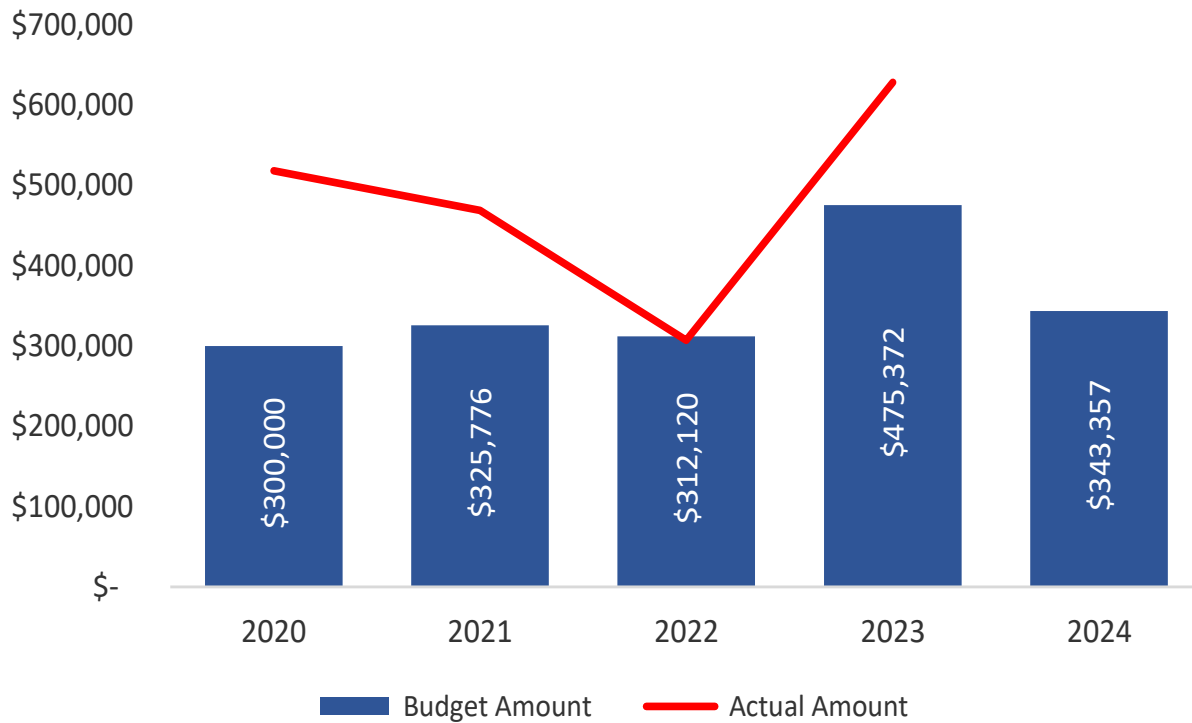
02-501-51003

Repair & Maintenance - Structures

This budget category is used for the maintenance and repair of all water source related facilities including wells, boosters, reservoirs and facilities. This includes the Oak Glen Surface Water Filtration Facility but not the Yucaipa Valley Regional Water Filtration Facility (02-501-57040). This budget item is also used for the operation, maintenance and procurement of devices related to the District’s Supervisory Control and Data Acquisition (SCADA) system, electrical repairs, generator service and repair, and lubricating oil at various sites. The budget amount for fiscal year 2023-24 has been reduced as a result of trending.

2019-20 Actual	2020-21 Actual	2021-22 Actual	2022-23 Projected		2023-24 Budget
\$ 518,407	\$ 468,872	\$ 307,019	\$ 628,568		\$ 343,357

Budget vs. Actual



Water Division – Water Operations Department

02-501-51011

Repair & Maintenance - Valves

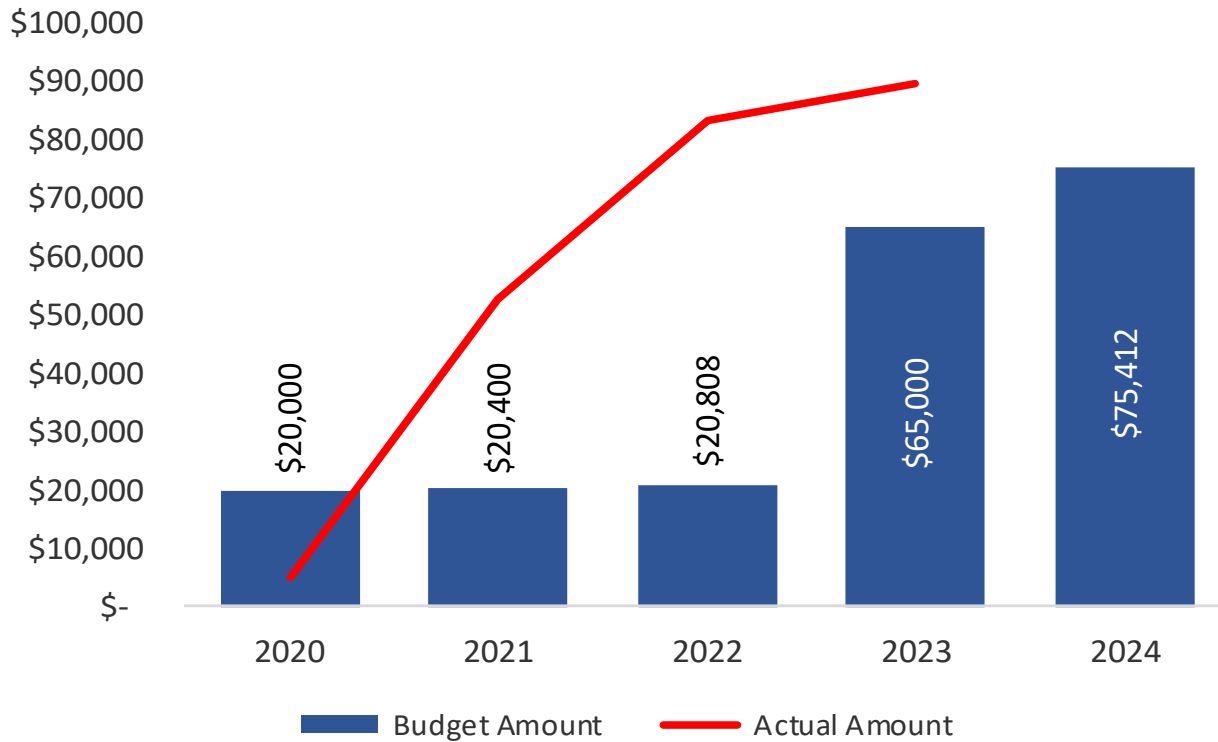
The Water Operations Department has become an integral player in the operation and maintenance of the District's 133 specialty valves. This budget category includes all equipment and parts (excludes all labor) associated with the maintenance of Cla-Valves. For fiscal year 2020-21 the District increased the maintenance needed which continued into 2022-23 and then taper off and become steadier. The budget amount for fiscal year 2023-24 has been increased as a result of trending.

This program involves the maintenance of the following types of valves:

- 58 pressure reducing valves
- 28 pump control valves
- 25 float control valves
- 22 pressure relief valves

2019-20 Actual	2020-21 Actual	2021-22 Actual	2022-23 Projected		2023-24 Budget
\$ 5,148	\$ 52,850	\$ 83,456	\$ 89,933		\$ 75,412

Budget vs. Actual



Water Division – Water Operations Department

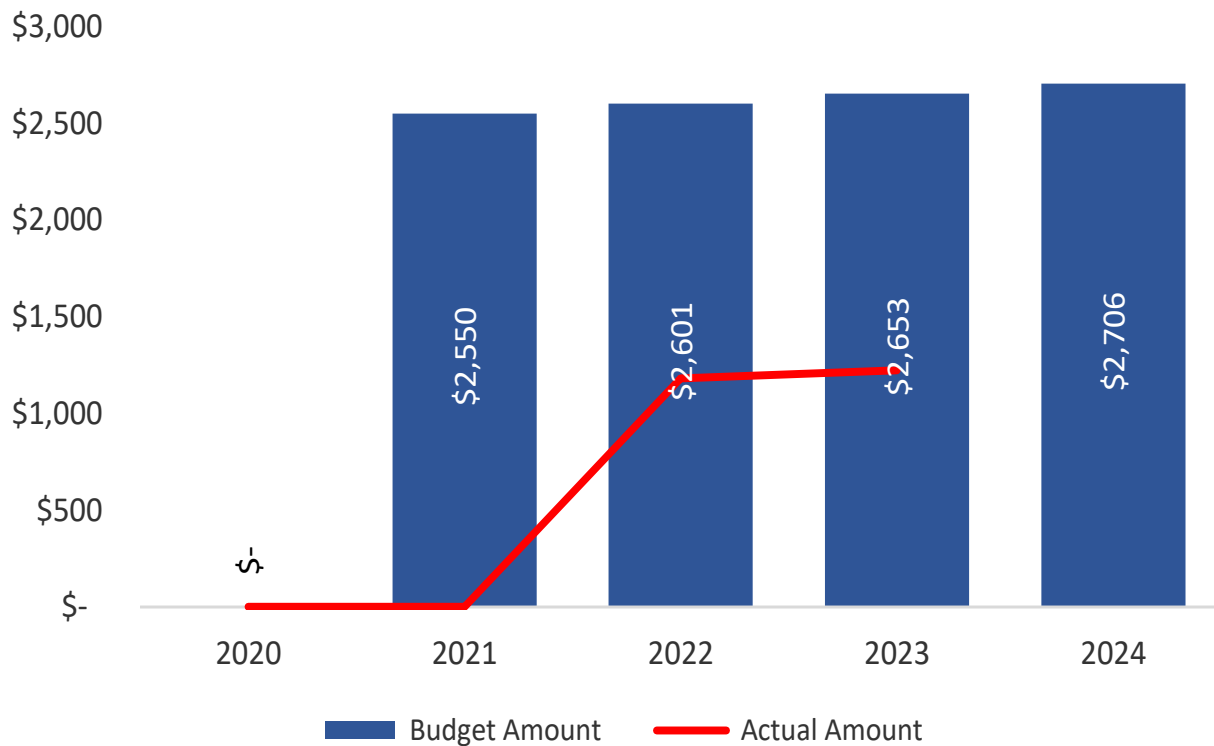
02-501-51115

Laboratory Supplies

This budget includes the supplies and expenses related to the laboratory for the Water Division. In prior years, most laboratory supplies have been allocated to the Sewer Division.

2019-20 Actual	2020-21 Actual	2021-22 Actual	2022-23 Projected	2023-24 Budget
\$ -	\$ -	\$ 1,181	\$ 1,224	\$ 2,706

Budget vs. Actual



Water Division – Water Operations Department

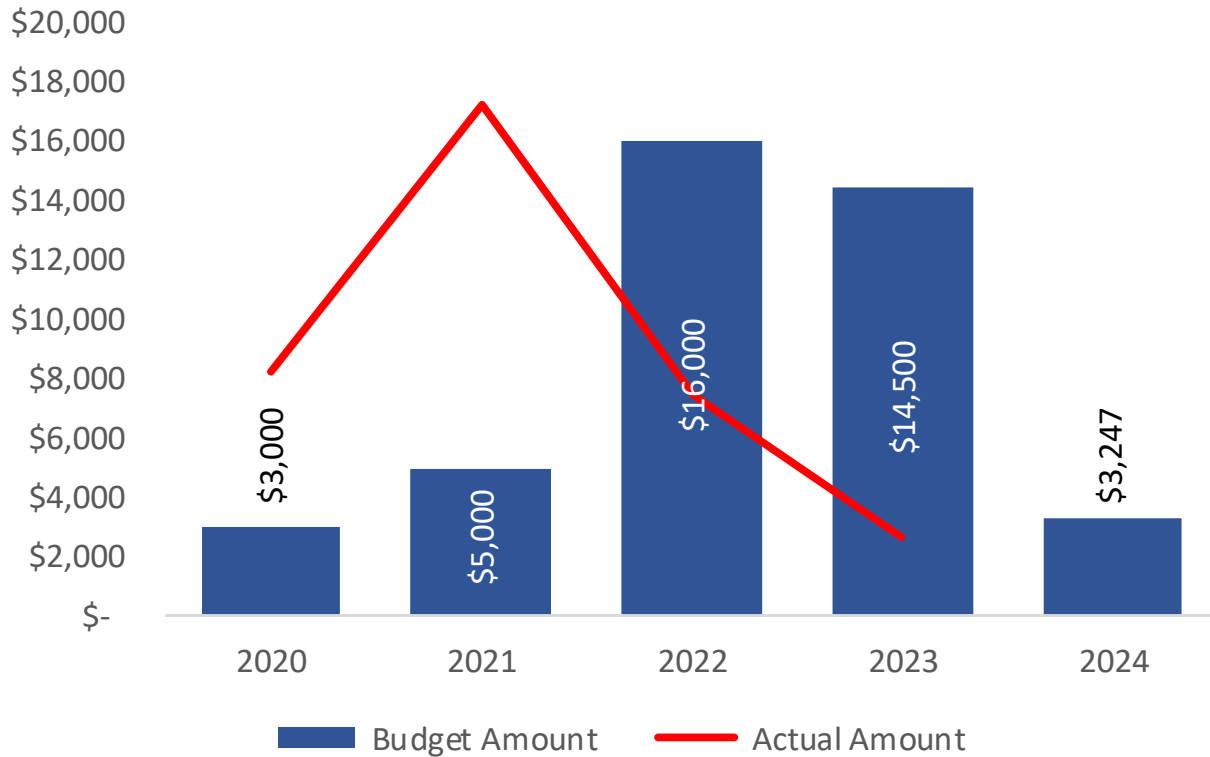
02-501-51140

General Supplies & Expenses

This budget includes the supplies and expenses related to the operation of the Water Operations Department. This includes quarterly bank analysis charges as well as small incidental purchases from local hardware stores for facility maintenance and repair. For fiscal year 2023-24, the budget has been reduced as a result of trending.

2019-20 Actual	2020-21 Actual	2021-22 Actual	2022-23 Projected		2023-24 Budget
\$ 8,209	\$ 17,241	\$ 7,468	\$ 2,649		\$ 3,247

Budget vs. Actual



Water Division – Water Operations Department

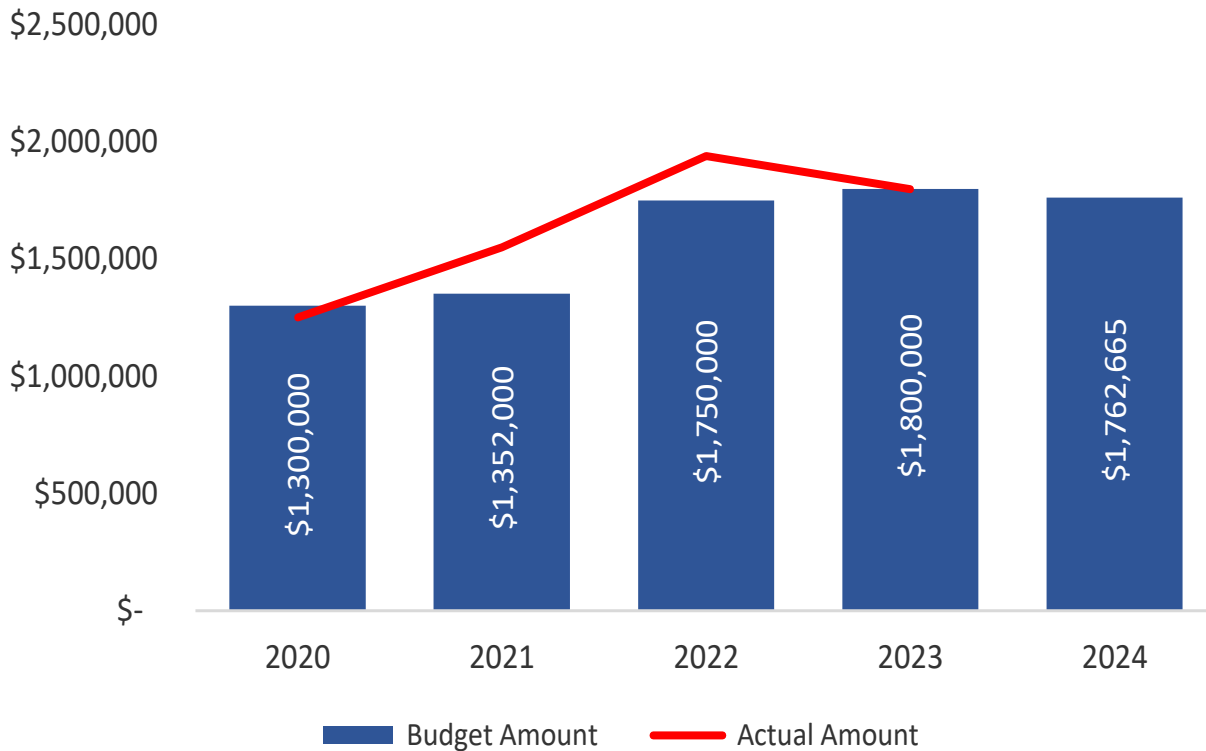
02-501-51210

Power Purchases

This budget category includes the power consumption charges associated with all of the water production wells, reservoirs, and booster facilities. The District has been aggressively modifying pumping schedules to comply with Time-Of-Use (TOU) and Super-Off-Peak (SOP) pumping schedules offered by Southern California Edison.

2019-20 Actual	2020-21 Actual	2021-22 Actual	2022-23 Projected	2023-24 Budget
\$ 1,250,506	\$ 1,550,320	\$ 1,939,494	\$ 1,798,181	\$ 1,762,665

Budget vs. Actual



Water Division – Water Operations Department

02-501-51211

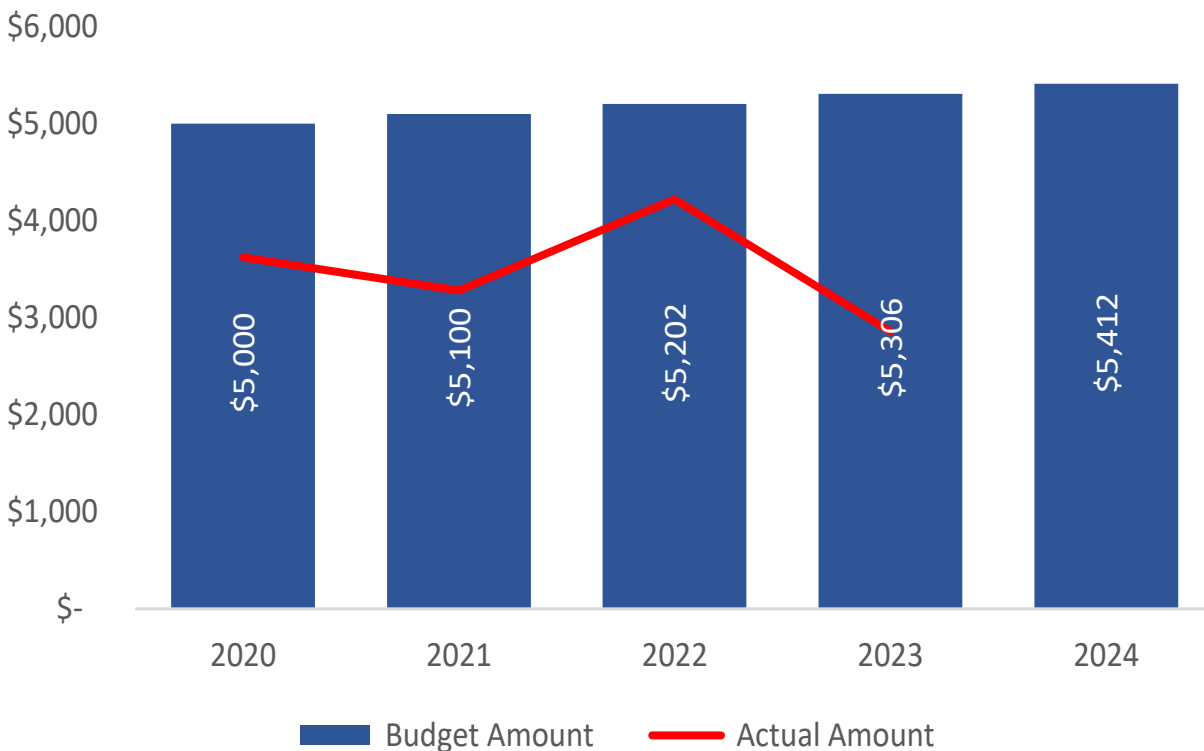
Electricity & Fuel

This budget category was created to track the electrical costs at water facilities for the operation of lights, telecommunication equipment and fuel purchases to run certain non-electrical pumps and motors. This line item also includes fuel purchases for natural gas driven engines. It does not include electrical costs necessary to pump or boost water (see Power Purchases 02-501-51210).

2019-20 Actual	2020-21 Actual	2021-22 Actual	2022-23 Projected	
\$ 3,620	\$ 3,280	\$ 4,220	\$ 2,860	

2023-24 Budget
\$ 5,412

Budget vs. Actual



Water Division – Water Operations Department

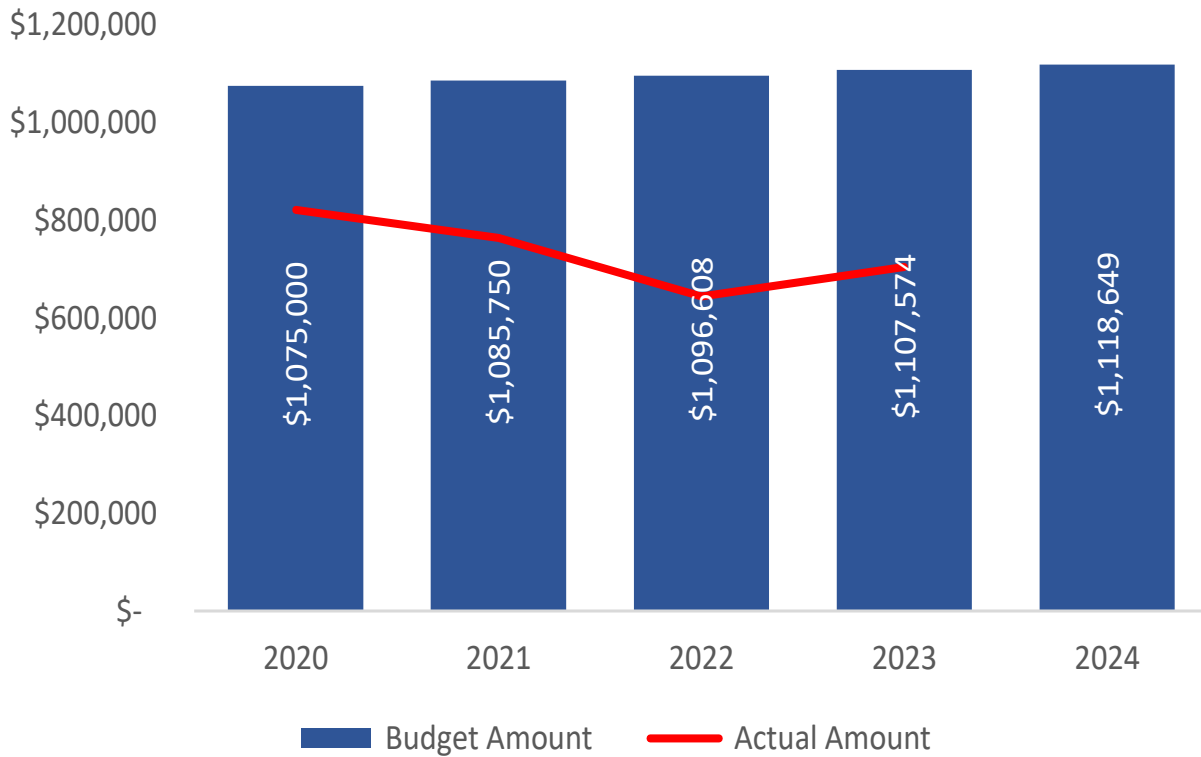
02-501-51316

Supplemental Source of Supply

This budget category is used to acquire, secure, operate, maintain, and obtain a variety of supplemental water sources to augment local water resources. This may be used for drinking water capital or operational costs that result in a reduction or replacement of imported water from the State Water Project.

2019-20 Actual	2020-21 Actual	2021-22 Actual	2022-23 Projected	2023-24 Budget
\$ 821,739	\$ 763,989	\$ 643,659	\$ 704,330	\$ 1,118,649

Budget vs. Actual



Water Division – Water Operations Department

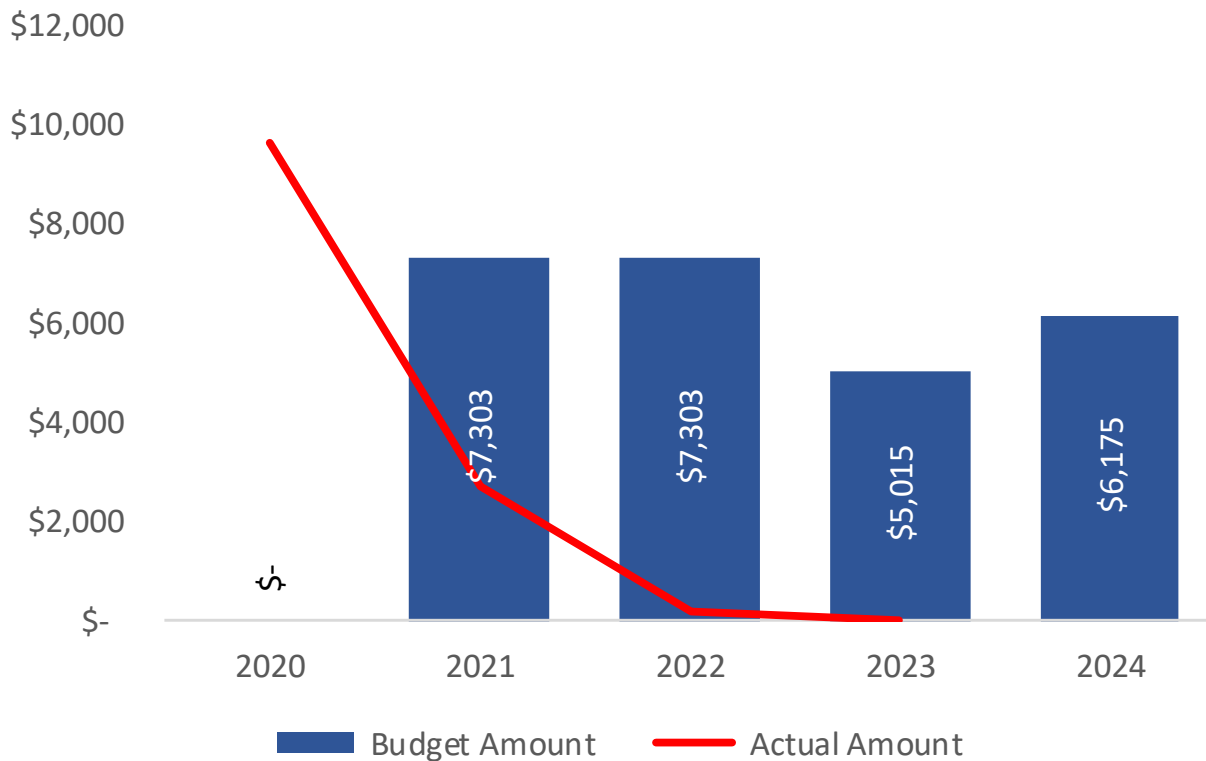
02-501-54012

Education & Training

This budget category was created in Fiscal year 2020-21. This line item is used for all education and training for employees allocated to the Water Operations Department. Previously, all education and training was budgeted in the Administration Department for each division (02-506-54012). The budgeted amount is based on the allocation of staffing for this department.

2019-20 Actual	2020-21 Actual	2021-22 Actual	2022-23 Projected		2023-24 Budget
\$ 9,641	\$ 2,736	\$ 200	\$ -		\$ 6,175

Budget vs. Actual



Water Division – Water Operations Department

02-501-54019

Licenses & Permits

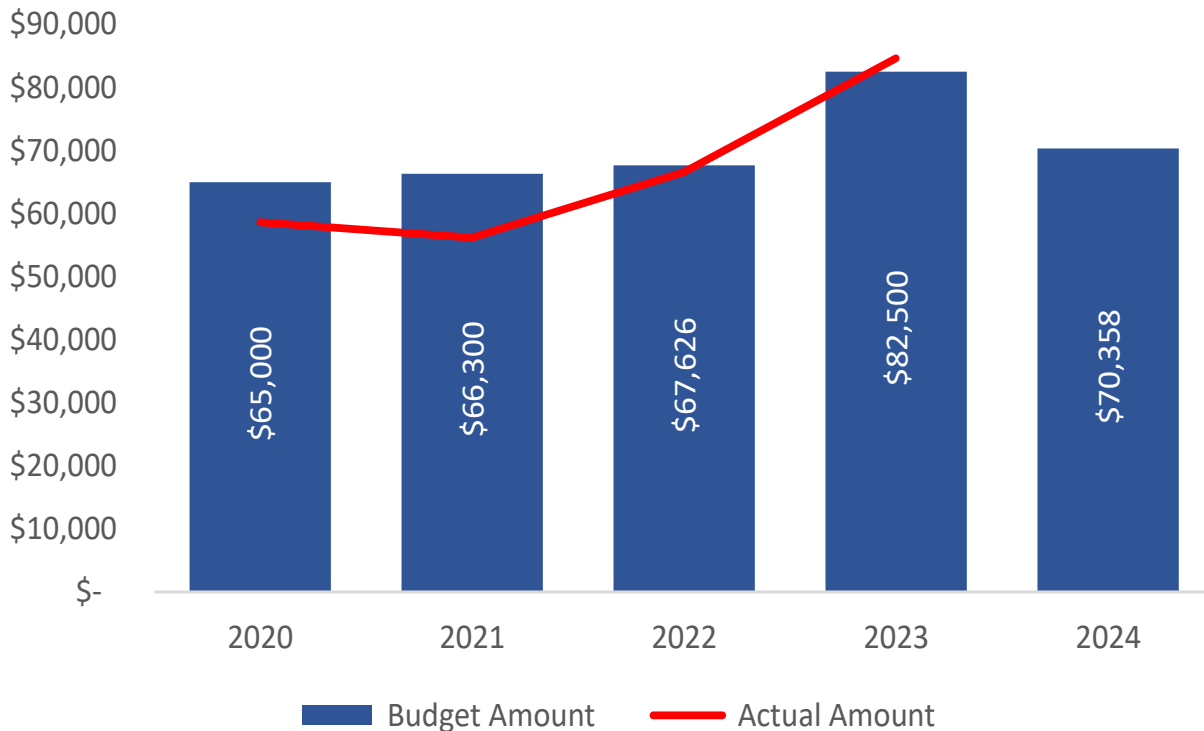
This budget category includes the required annual operating permits for various state and local government agencies. In most cases, the amounts of the fees are established by regulation. The budget amount for fiscal year 2023-24 remains closer to the average of the prior years.

Line Item Detail:

State Water Resources Control Board	\$ 62,000
South Coast Air Quality Management District	\$ 5,917
San Bernardino Fire Protection District	\$ 1,227
County of Riverside	\$ 1,214
Total	\$ 70,358

2019-20 Actual	2020-21 Actual	2021-22 Actual	2022-23 Projected	2023-24 Budget
\$ 58,648	\$ 56,149	\$ 66,611	\$ 84,588	\$ 70,358

Budget vs. Actual



Water Division – Water Operations Department

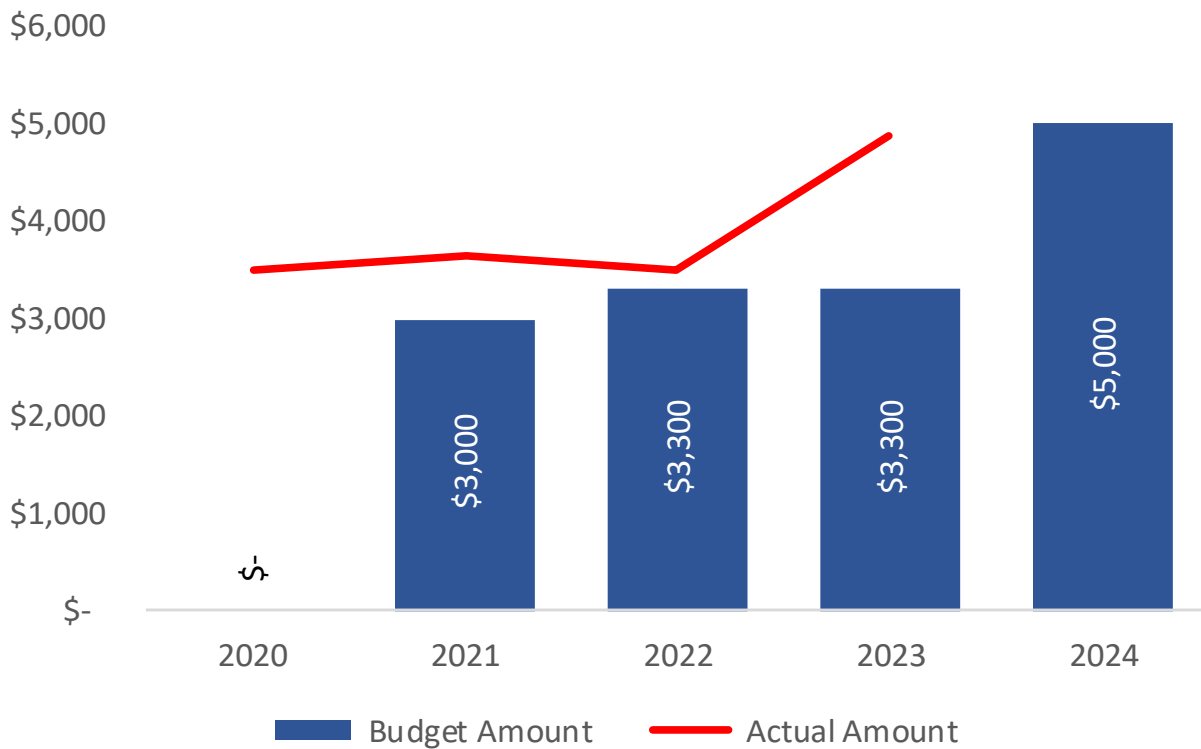
02-501-54025

Telephone & Internet

This budget category was created in Fiscal year 2020-21. This line item is used for telephone and internet costs allocated to the Water Operations Department. Previously, these costs were budgeted in the Administration Department for each division (02-506-54025).

2019-20 Actual	2020-21 Actual	2021-22 Actual	2022-23 Projected		2023-24 Budget
\$ 3,488	\$ 3,648	\$ 3,488	\$ 4,880		\$ 5,000

Budget vs. Actual



Water Division – Water Operations Department

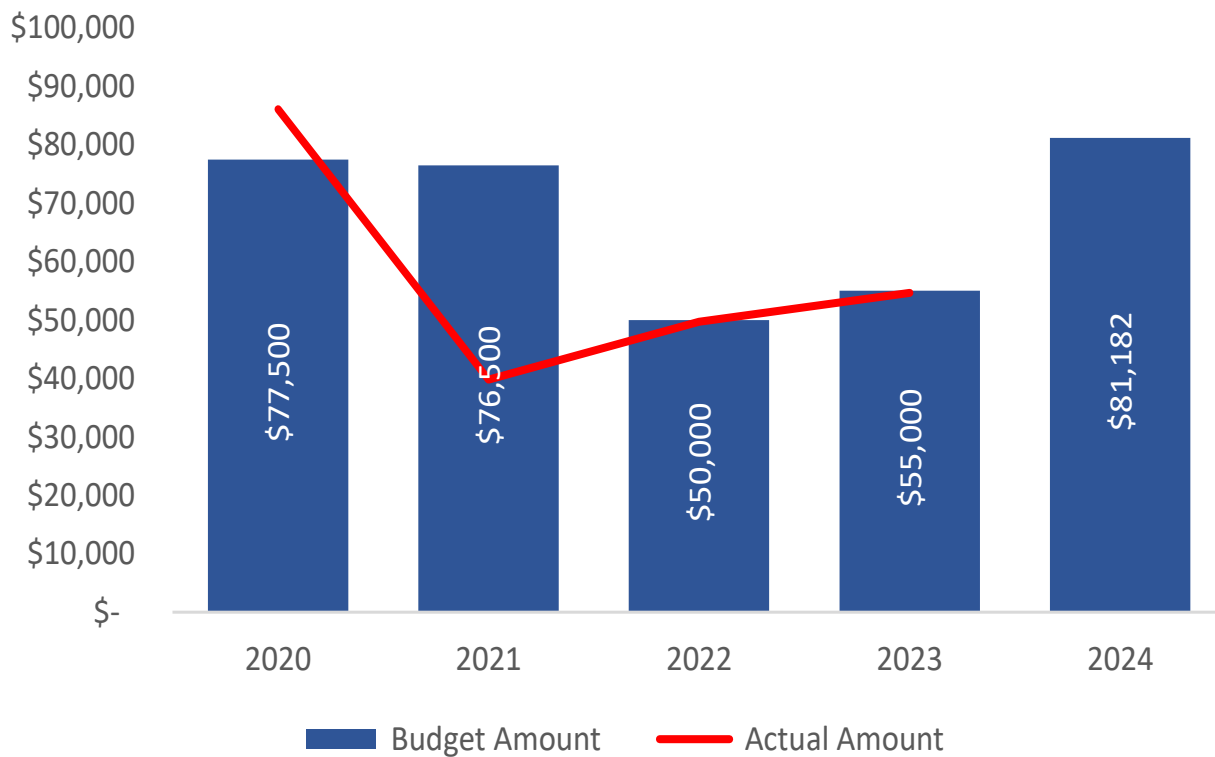
02-501-54110

Laboratory Services

This budget category includes all analytical testing of water supply sources. Such testing includes inorganic, mineral, organic, volatile organic, radioactivity, and bacteriological analyses. A detailed list of the anticipated water quality tests is available upon request.

2019-20 Actual	2020-21 Actual	2021-22 Actual	2022-23 Projected	2023-24 Budget
\$ 86,115	\$ 39,801	\$ 49,722	\$ 54,651	\$ 81,182

Budget vs. Actual



Water Division – Water Operations Department

02-501-57040

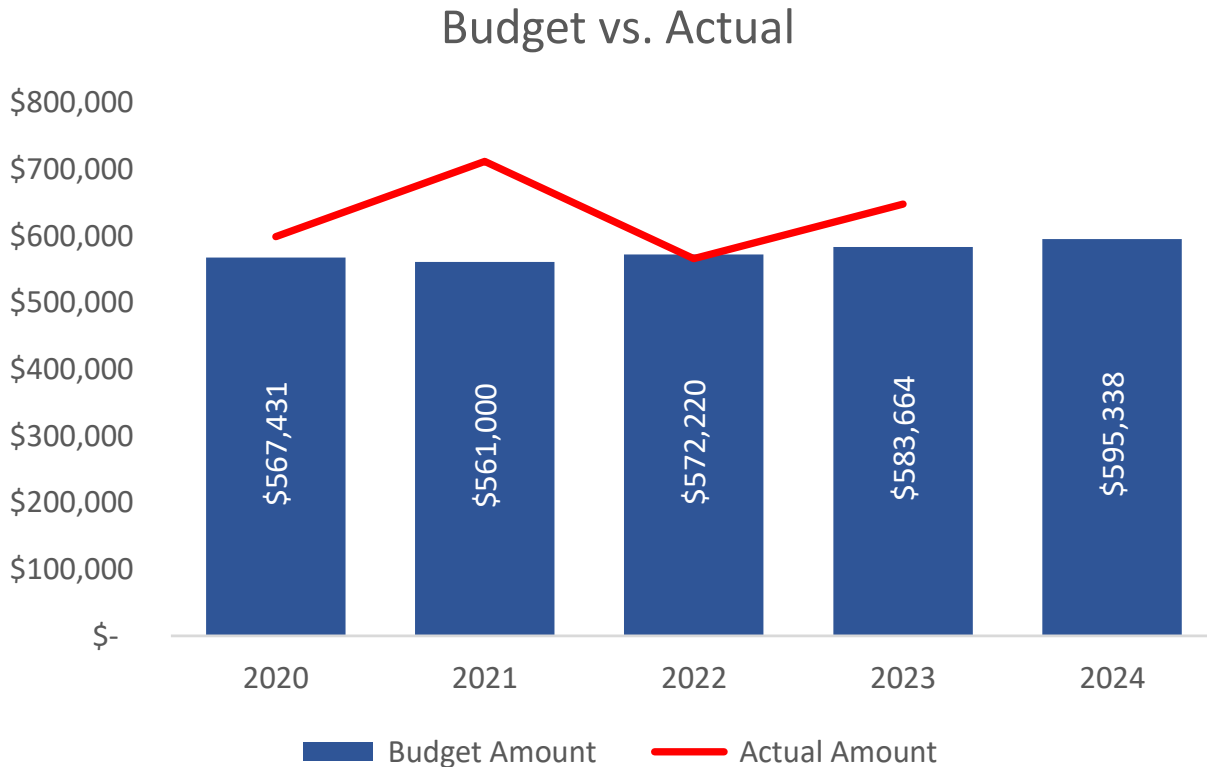
Yucaipa Valley Regional Water Filtration Facility Operating Expenses

This line item is associated with the Yucaipa Valley Regional Water Filtration Facility. To determine the true cost associated with water production at this facility, it is necessary to add labor related costs and imported water purchase expenses (which are not included in this line item).

Line Item Detail:

Chemicals and Supplies	\$ 180,000
Utilities – Power, Gas & Trash	\$ 110,000
Professional Services	\$ 80,000
Instrumentation and Control System	\$ 80,000
Equipment Repairs & Maintenance	\$ 75,000
Communications – Telephone & Internet	\$ 70,338
Total	\$ 595,338

2019-20 Actual	2020-21 Actual	2021-22 Actual	2022-23 Projected		2023-24 Budget
\$ 599,067	\$ 711,902	\$ 566,375	\$ 647,908		\$ 595,338



Public Works Department

Department Description – The Public Works Department provides the routine and emergency maintenance and repair of District drinking water, sewer and recycled water facilities.

Departmental Responsibilities – The Public Works Department is responsible for ensuring that the drinking water, sewer and recycled water service to our customers is always provided in a safe, reliable and cost-effective manner. In order to accomplish this goal, the Department is responsible for coordinating routine inspection and maintenance of District facilities. This includes:

- Routine and emergency inspections, operation and maintenance of all water related facilities (valves, hydrants, blow-offs, pressure reducing valves, pressure sustaining valves, wells, reservoirs, and booster stations);
- Routine and emergency maintenance of all sewer collection facilities (including manhole, lift stations, sewer mainlines, trench subsidence, sewer laterals, and ancillary facilities at the sewer treatment plant);
- Routine and emergency operation, inspection and maintenance of recycled water facilities (including pipelines, service lines, and meters); and
- Routine maintenance at the Yucaipa Valley Regional Water Filtration Facility and the Wochholz Regional Water Recycling Facility.

Some of the responsibilities provided above will receive additional labor resources from staff members in other departments.

Organizational Structure & Staffing Levels – This year the Public Works Department has been allocated labor resources of 23.55 Full-Time Equivalent (FTE) employees¹.

Title	Range	FTE	Expense
Public Works Manager	234	1.45	\$ 352,082
Public Works Supervisor	117	2.80	\$ 477,448
Senior Utility Service Worker	54	2.10	\$ 359,861
Utility Service Worker IV	49	1.05	\$ 148,834
Purchasing Agent	45	0.75	\$ 85,627
Utility Service Worker III	44	3.15	\$ 406,519
Utility Service Worker II	36	3.15	\$ 353,736
Utility Service Worker I	32	9.10	\$ 976,445
Total		23.55	\$ 3,160,552

The employees of this department generally create four to five crews depending on the tasks to be completed.

This staffing level is critical in order to complete the necessary inspection and maintenance of facilities, as well as maintain an emergency response team available 24 hours per day, seven days a week.

¹ The positions that are assigned a FTE value of less than 1.0 are involved in other divisions such as the Sewer Division and Recycled Water Division.

This year, the Public Works Department will be allocated \$4,298,344 (not including asset acquisitions & capital improvements), which represents an increase of \$711,585 as compared to the prior year modified budget, or a 19.8% increase.

The budget is based largely on the previous year's water demands and energy costs.

Anticipated Issues for this Fiscal Year – The following issues have been identified for the next fiscal year. The specific resolution to the issues presented below may need to be further analyzed by District staff and presented to the Board of Directors for the adoption of a specific policy, procurement or others action as deemed necessary.

- ❖ The Public Works Department serves a vital role of conducting regular routine inspections, repairs, construction, and non-warranty maintenance work at all District facilities. Based on the results of the inspection, the members of this department generate work orders to ensure that the facilities are properly maintained. Individuals within this department will augment the staff members from other departments on an as needed basis.
- ❖ The following programs² will be maintained by the Public Works Department:
 - Yucaipa Valley Regional Water Filtration Facility – The non-warranty maintenance duties at this facility are performed by individuals in this department. Warranty repairs will be performed by the Water Operations Department. Complex maintenance activities will be contracted to specialty firms under the direction of the Water Operations Department.
 - Wochholz Regional Water Recycling Facility – The non-warranty maintenance duties at this facility are performed by individuals in this department and the Environmental Control Department. Warranty repairs will be performed by the Sewer Operations Department. Complex maintenance activities will be contracted to specialty firms under the direction of the Sewer Operations Department.
 - Valve Maintenance Program – Valve maintenance will be a high priority for this department. The District has approximately 4,697 valves that need to be inspected and exercised every three years. This maintenance function may require repairs and/or replacement of the valve operation equipment.
 - Fire Hydrant Maintenance Program – Fire hydrant inspections, fire flow tests and pressure readings from the District's fire hydrants will also be a high priority. The fire hydrant maintenance program will be designed throughout the year to inspect all fire hydrants and convey operations data to the Engineering Department for analysis and record keeping. The District has approximately 2,200 fire hydrants.
 - Sewer Trench Subsidence Repair – Sewer collection system subsidence repair will need to continue this year. The repairs to the trenches will be the responsibility of the Public Works Department. The department will work together with local paving contractors to facilitate the repair of District sewer collection system trenches.
 - Emergency Water Mainline & Service Repairs – The department staff are the first line responders to emergency water repairs. These individuals generally respond to about 170 water leaks per year.
 - Air Release Valve Repair/Replacement Program – The District has several air release valves in the water and sewer system. The operation of these valves is critical to the safe

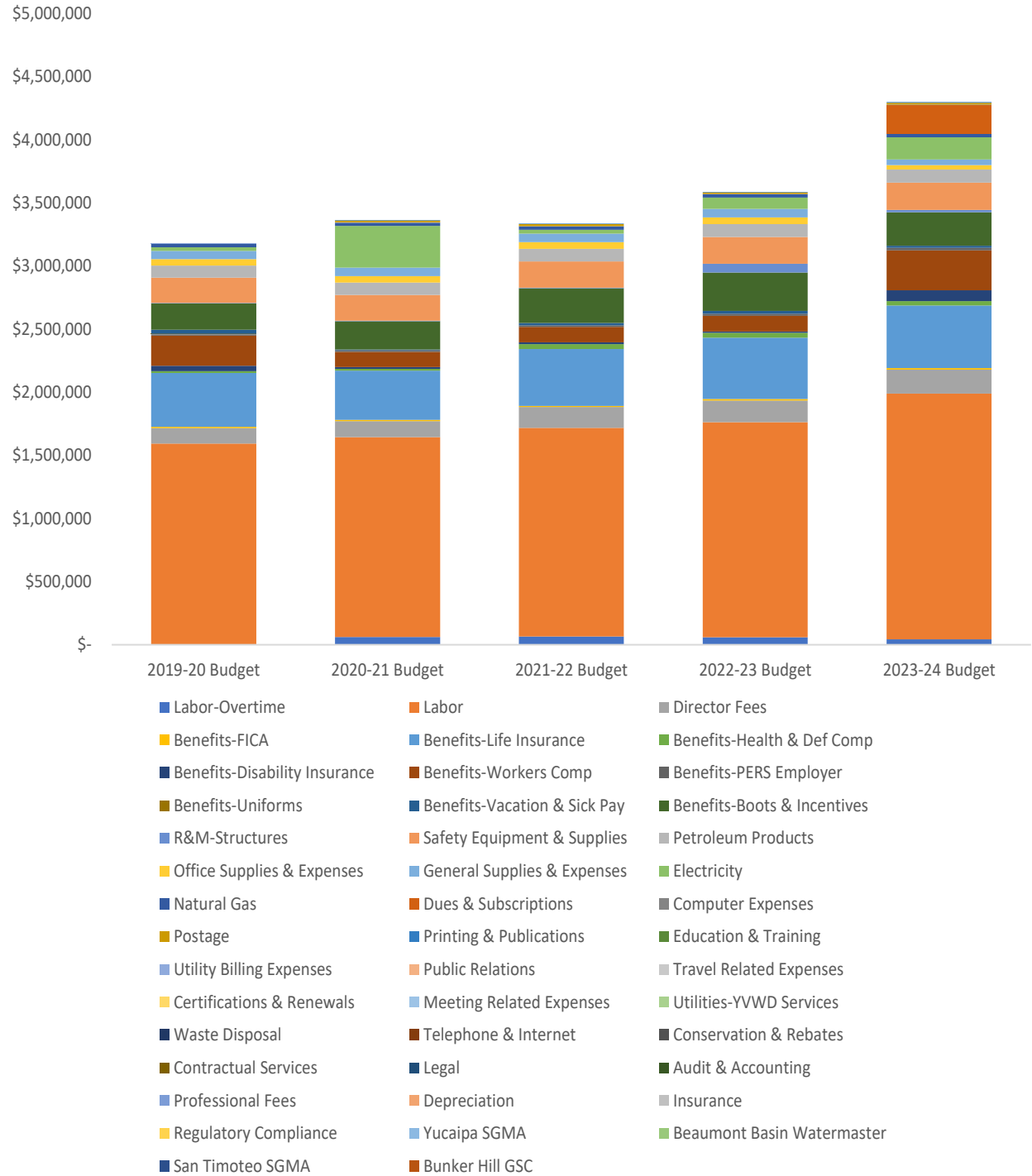
² The large number of the programs listed is mandated by local, State or Federal authorities. All of the programs represent a proactive approach by the District to minimize emergency repairs by maintaining the investment in assets owned by the District.

and efficient operation of the District. The department staff members will inspect the existing air release valves and determine if repairs or replacement is necessary.

- Well & Reservoir Site Maintenance – The department will perform the routine maintenance and upkeep of the District's well and reservoir sites. This will include the routine weed abatement, painting, fence repair, structure repair, etc.
- Service Line Replacement Program – This program involves the replacement of approximately 125 water service lines per year. This includes the upgrade of approximately 3,000 linear feet by District crews.
- Underground Service Alert Program – The USA program involves the marking and the identification of water and sewer infrastructure.
- Flushing Program – The flushing program is another important program performed by this department. The flushing program involves the sequential flushing of approximately 300 fire hydrants to make sure the water delivered to our customers is always fresh and clean.
- Manhole Repair Program – The Environmental Control Department continues to perform routine inspection of the District's manholes. All repair work is currently being directed to the Public Works Department. This department can expect to receive at least 20 repair requests per month.

Budget Overview – The following illustration shows the budgeted line items for the **Public Works Budget**.

Expense Budget



Public Works Department

Account	2019-20 Budget	2019-20 Actual	2020-21 Budget	2020-21 Actual	2021-22 Budget	2021-22 Actual	2022-23 Budget	2022-23 Estimated	2023-24 Budget	Increase (Decrease) in Budget	Increase (Decrease) %
02-503-50009. Labor - Overtime	\$ -	\$ 43,314	\$ 59,434	\$ 46,550	\$ 64,914	\$ 48,278	\$ 57,618	\$ 36,573	\$ 42,931	\$ (14,687)	-25.5%
02-503-50010. Labor	\$ 1,593,344	\$ 1,546,225	\$ 1,584,210	\$ 1,476,033	\$ 1,651,642	\$ 1,597,313	\$ 1,703,701	\$ 1,623,331	\$ 1,944,881	\$ 241,180	14.2%
02-503-50011. Labor - Credit	\$ -	\$ (70,585)	\$ -	\$ (5,885)	\$ -	\$ (57,962)	\$ -	\$ (2,480)	\$ -	\$ -	
02-503-50013. Benefits-FICA	\$ 121,891	\$ 127,950	\$ 125,741	\$ 120,546	\$ 166,099	\$ 130,934	\$ 172,127	\$ 131,605	\$ 190,303	\$ 18,176	10.6%
02-503-50014. Benefits-Life Insurance	\$ 10,440	\$ 3,657	\$ 9,991	\$ 3,129	\$ 7,773	\$ 3,346	\$ 11,519	\$ 3,288	\$ 11,788	\$ 269	2.3%
02-503-50016. Benefits-Health & Def Comp	\$ 425,106	\$ 502,623	\$ 391,002	\$ 454,945	\$ 451,925	\$ 495,060	\$ 485,372	\$ 525,521	\$ 496,195	\$ 10,823	2.2%
02-503-50017. Benefits-Disability Insurance	\$ 14,340	\$ 22,027	\$ 14,795	\$ 21,856	\$ 38,646	\$ 24,782	\$ 38,702	\$ 23,499	\$ 34,827	\$ (3,875)	-10.0%
02-503-50019. Benefits-Workers Compensation	\$ 43,020	\$ 24,282	\$ 13,744	\$ 39,233	\$ 12,551	\$ 41,070	\$ 12,097	\$ 22,356	\$ 84,893	\$ 72,796	601.8%
02-503-50021. Benefits-PERS Employee	\$ -	\$ -	\$ -	\$ (842)	\$ -	\$ (1,115)	\$ -	\$ (1,751)	\$ -	\$ -	
02-503-50022. Benefits-PERS Employer	\$ 239,002	\$ 106,437	\$ 120,829	\$ 108,245	\$ 123,505	\$ 109,873	\$ 124,175	\$ 108,256	\$ 317,173	\$ 192,998	155.4%
02-503-50023. Benefits-Uniforms	\$ 10,875	\$ 12,453	\$ 10,850	\$ 7,709	\$ 12,012	\$ 12,268	\$ 16,440	\$ 15,756	\$ 19,312	\$ 2,872	17.5%
02-503-50024. Benefits-Vacation & Sick Pay	\$ 4,000	\$ 4,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
02-503-50025. Benefits-Boots & Incentives	\$ 32,775	\$ 14,895	\$ 6,735	\$ 5,895	\$ 18,503	\$ 270	\$ 21,368	\$ 7,712	\$ 18,249	\$ (3,119)	-14.6%
02-503-51001. R&M - Vehicles & Equipment	\$ 207,500	\$ 248,952	\$ 224,000	\$ 302,804	\$ 275,000	\$ 467,663	\$ 305,000	\$ 263,146	\$ 265,000	\$ (40,000)	-13.1%
02-503-51011. R&M - Valves	\$ 5,000	\$ 1,645	\$ 5,100	\$ 3,150	\$ 5,202	\$ 70,821	\$ 68,000	\$ 16,874	\$ 17,000	\$ (51,000)	-75.0%
02-503-51020. R&M - Pipelines	\$ 200,000	\$ 225,317	\$ 204,000	\$ 189,750	\$ 208,080	\$ 92,222	\$ 212,242	\$ 515,145	\$ 216,486	\$ 4,244	2.0%
02-503-51021. R&M - Service Lines	\$ 96,000	\$ 55,593	\$ 97,920	\$ 94,373	\$ 99,878	\$ 101,579	\$ 101,876	\$ 270,568	\$ 103,913	\$ 2,037	2.0%
02-503-51022. R&M - Fire Hydrants	\$ 50,000	\$ 1,876	\$ 51,000	\$ 31,752	\$ 52,020	\$ 45,371	\$ 53,060	\$ 27,618	\$ 35,000	\$ (18,060)	-34.0%
02-503-51029. R&M - Backflow	\$ 65,000	\$ 38,392	\$ 66,300	\$ 27,377	\$ 67,626	\$ 43,023	\$ 68,979	\$ 63,197	\$ 45,000	\$ (23,979)	-34.8%
02-503-51030. R&M - Meters	\$ 30,000	\$ (50,022)	\$ 330,600	\$ 1,333,028	\$ 31,212	\$ 233,789	\$ 88,500	\$ 175,574	\$ 175,000	\$ 86,500	97.7%
02-503-51031. R&M - Fire Flow Testing	\$ 25,000	\$ 26,656	\$ 25,500	\$ 40,389	\$ 26,010	\$ 34,494	\$ 26,530	\$ 34,238	\$ 27,061	\$ 531	2.0%
02-503-51032. R&M - Facility Improvements	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 229,000	\$ 229,000	
02-503-51092. Equipment Credits	\$ -	\$ (23,603)	\$ -	\$ (3,531)	\$ -	\$ (58,634)	\$ -	\$ -	\$ -	\$ -	
02-503-51140. General Supplies & Expenses	\$ 3,000	\$ 2,300	\$ 3,060	\$ 2,156	\$ 3,121	\$ 5,014	\$ 3,184	\$ 2,745	\$ 3,247	\$ 63	2.0%
02-503-54012. Education & Training	\$ -	\$ 1,835	\$ 15,230	\$ 2,245	\$ 15,230	\$ (1,710)	\$ 11,969	\$ 3,000	\$ 14,985	\$ 3,016	25.2%
02-503-54025. Telephone & Internet	\$ -	\$ 4,508	\$ 4,000	\$ 4,480	\$ 4,000	\$ 5,376	\$ 4,300	\$ 6,013	\$ 6,100	\$ 1,800	41.9%
	\$ 3,176,293	\$ 2,870,727	\$ 3,364,041	\$ 4,305,389	\$ 3,334,949	\$ 3,443,124	\$ 3,586,759	\$ 3,871,784	\$ 4,298,344	\$ 711,585	19.8%

NOTE: Pages 2-38 through 2-50 following this spreadsheet will provide more detail on each line item.

Water Division – Public Works Department

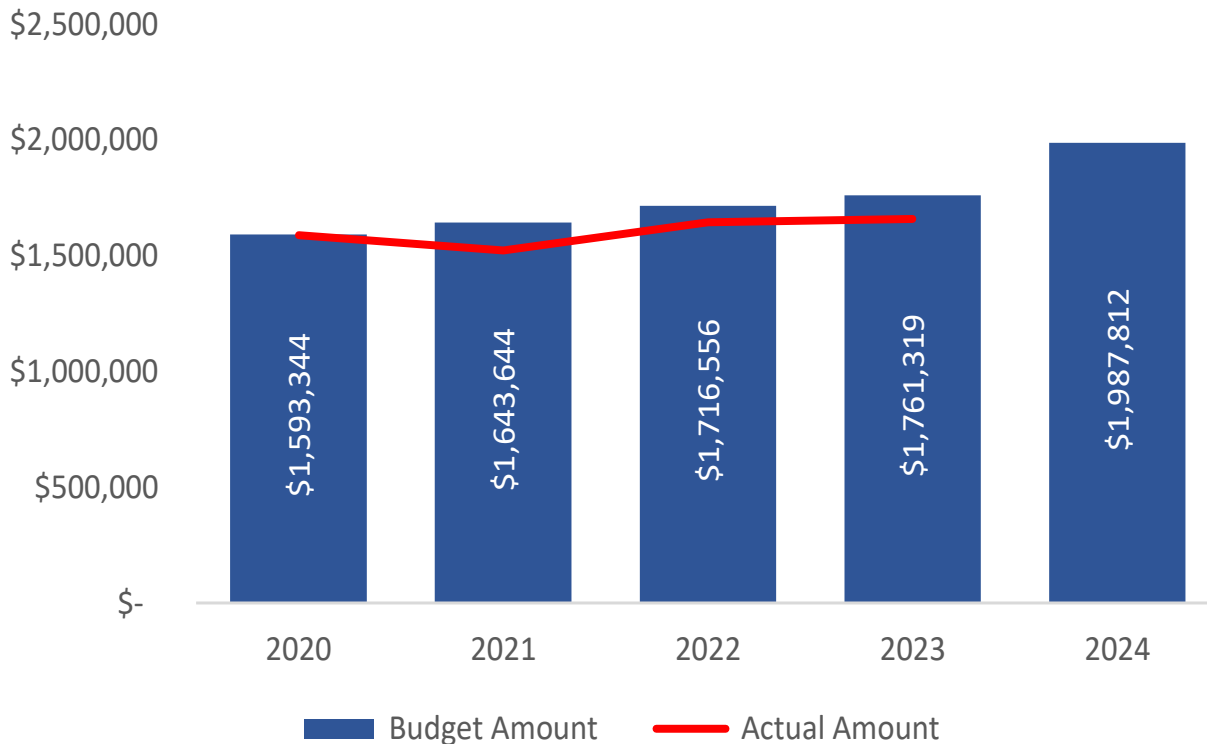
02-503-500xx

Labor

This budget category includes the base salaries, overtime, and standby expenses associated with the Public Works Department staff members. This department is responsible for the inspection, maintenance, and repair of all existing drinking water, sewer and recycled water services. Fiscal year 2020-21 was the first time the District had budgeted for overtime separately.

Account	2019-20 Actual	2020-21 Actual	2021-22 Actual	2022-23 Projection	2023-24 Budget
02-503-50009. Labor - Overtime	\$ 43,314	\$ 46,550	\$ 48,278	\$ 36,573	\$ 42,931
02-503-50010. Labor	\$ 1,546,225	\$ 1,476,033	\$ 1,597,313	\$ 1,623,331	\$ 1,944,881
	\$ 1,589,538	\$ 1,522,583	\$ 1,645,591	\$ 1,659,904	\$ 1,987,812

Budget vs. Actual



Water Division – Public Works Department

02-503-500xx

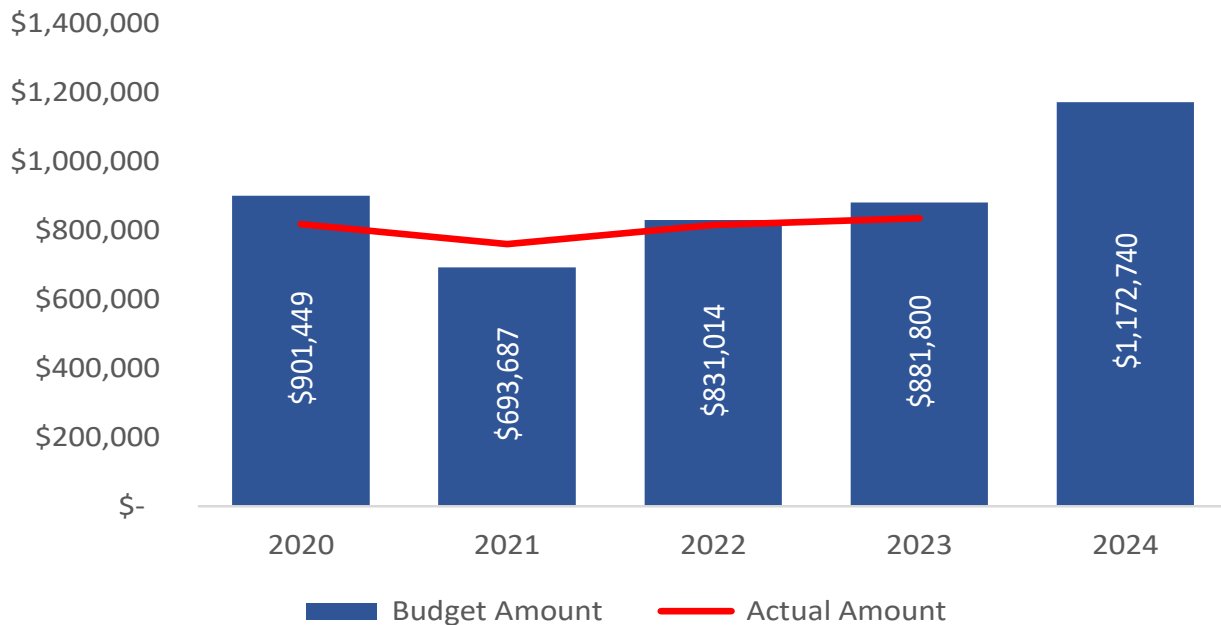
Benefits

This budget category includes the District paid benefits for the staff members of the Public Works Department.

Account	2019-20 Actual	2020-21 Actual	2021-22 Actual	2022-23 Projection	2023-24 Budget
02-503-50013. Benefits-FICA	\$ 127,950	\$ 120,546	\$ 130,934	\$ 131,605	\$ 190,303
02-503-50014. Benefits-Life Insurance	\$ 3,657	\$ 3,129	\$ 3,346	\$ 3,288	\$ 11,788
02-503-50016. Benefits-Health & Def Comp	\$ 502,623	\$ 454,945	\$ 495,060	\$ 525,521	\$ 496,195
02-503-50017. Benefits-Disability Insurance	\$ 22,027	\$ 21,856	\$ 24,782	\$ 23,499	\$ 34,827
02-503-50019. Benefits-Workers Compensation	\$ 24,282	\$ 39,233	\$ 41,070	\$ 22,356	\$ 84,893
02-503-50021. Benefits-PERS Employee	\$ -	\$ (842)	\$ (1,115)	\$ (1,751)	\$ -
02-503-50022. Benefits-PERS Employer	\$ 106,437	\$ 108,245	\$ 109,873	\$ 108,256	\$ 317,173
02-503-50023. Benefits-Uniforms	\$ 12,453	\$ 7,709	\$ 12,268	\$ 15,756	\$ 19,312
02-503-50024. Benefits-Vacation & Sick Pay	\$ 4,000	\$ -	\$ -	\$ -	\$ -
02-503-50025. Benefits-Boots & Incentives	\$ 14,895	\$ 5,895	\$ 270	\$ 7,712	\$ 18,249
	\$ 818,324	\$ 760,717	\$ 816,487	\$ 836,242	\$ 1,172,740

Benefits are automatically calculated as a result of payroll within the system. Beginning in fiscal year 2023-24, the District has included the annual PERS Unfunded Liability payment with the budget allocation by staffing throughout the District.

Budget vs. Actual



Water Division – Public Works Department

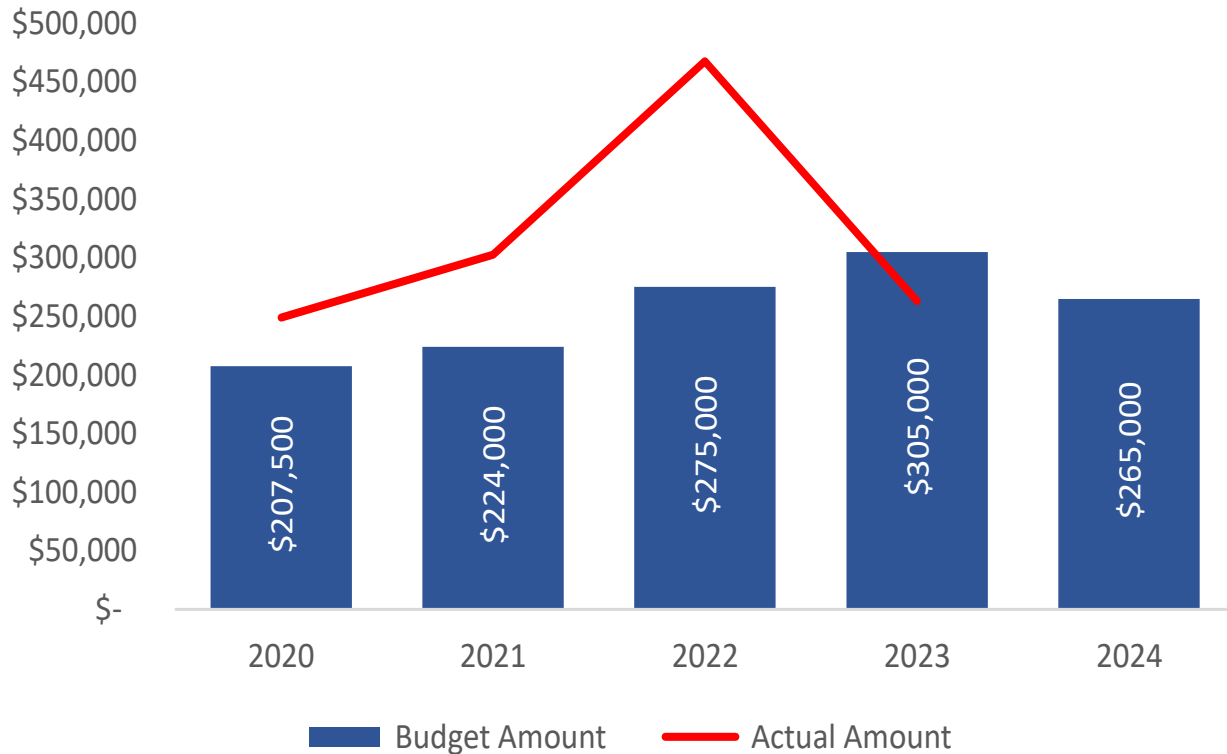
02-503-51001

Repair & Maintenance – Vehicles & Equipment

This budget category allocates funding for the routine maintenance of the vehicles assigned to individuals in the drinking water, sewer and recycled water divisions. The budget amount for fiscal year 2023-24 has been decreased as a result of trending.

2019-20 Actual	2020-21 Actual	2021-22 Actual	2022-23 Projected	2023-24 Budget
\$ 248,952	\$ 302,804	\$ 467,663	\$ 263,146	\$ 265,000

Budget vs. Actual



Water Division – Public Works Department

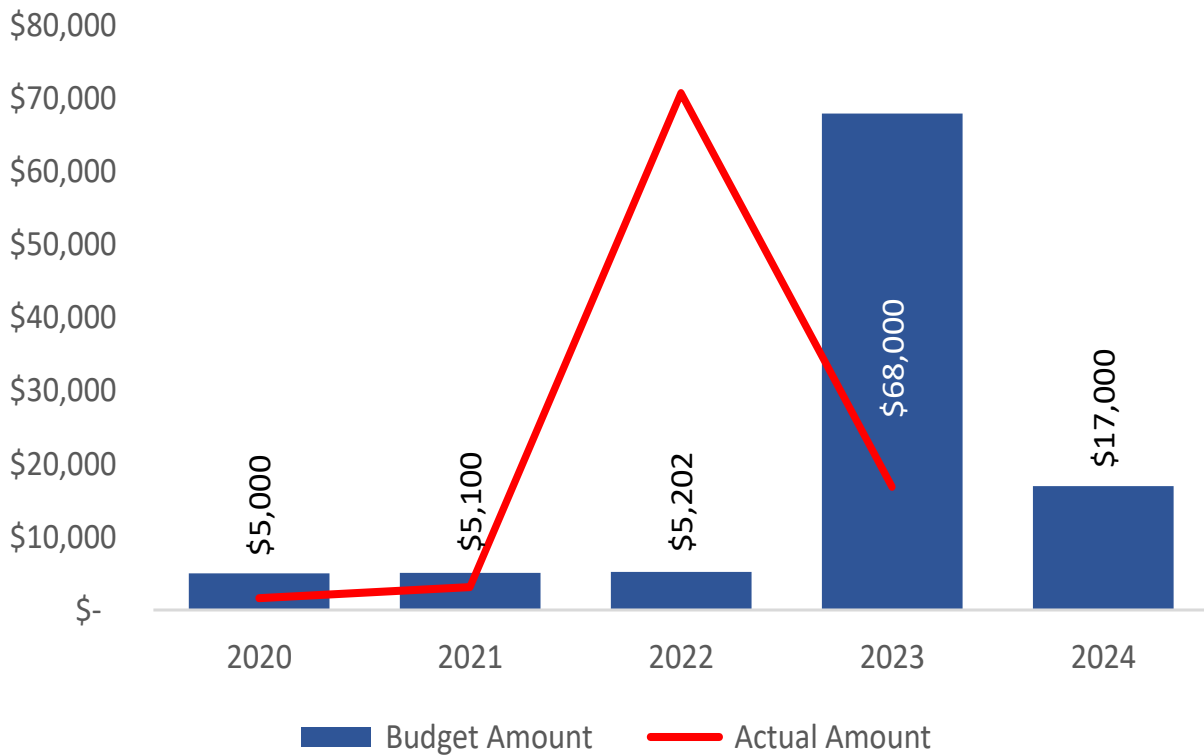
02-503-51011

Repair & Maintenance - Valves

The purpose of this line items is to pay for the expenses related to the maintenance of drinking water valves. These valves generally range in size from two inches to 30 inches. The operation of the valve maintenance program is a requirement of the District’s state health permit which requires each valve to be operated and inspected every three years. There are approximately 4,697 valves in the District’s drinking water system. The budget amount for fiscal year 2023-24 has been decreased as a result of trending.

2019-20 Actual	2020-21 Actual	2021-22 Actual	2022-23 Projected		2023-24 Budget
\$ 1,645	\$ 3,150	\$ 70,821	\$ 16,874		\$ 17,000

Budget vs. Actual



Water Division – Public Works Department

02-503-51020

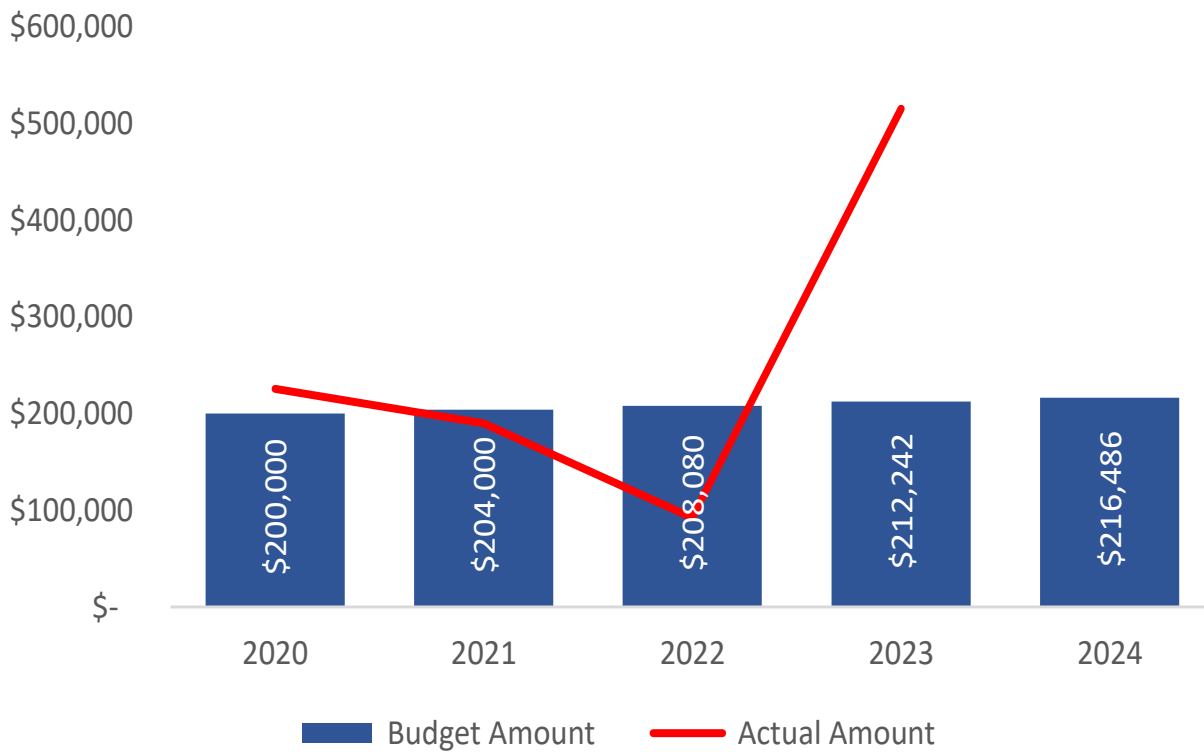
Repair & Maintenance - Pipelines

This budget category represents the annual costs associated with maintaining the District’s water transmission and distribution facilities. Costs are reflective of the repair and replacement of pipelines and related infrastructure encroachments. This also includes the evaluation of approximately 40 miles of existing older distribution system piping.

This line item also includes costs associated with the maintenance of air releases and vacuum valves which are a critical part of maintaining the District’s water distribution system.

2019-20 Actual	2020-21 Actual	2021-22 Actual	2022-23 Projected		2023-24 Budget
\$ 225,317	\$ 189,750	\$ 92,222	\$ 515,145		\$ 216,486

Budget vs. Actual



Water Division – Public Works Department

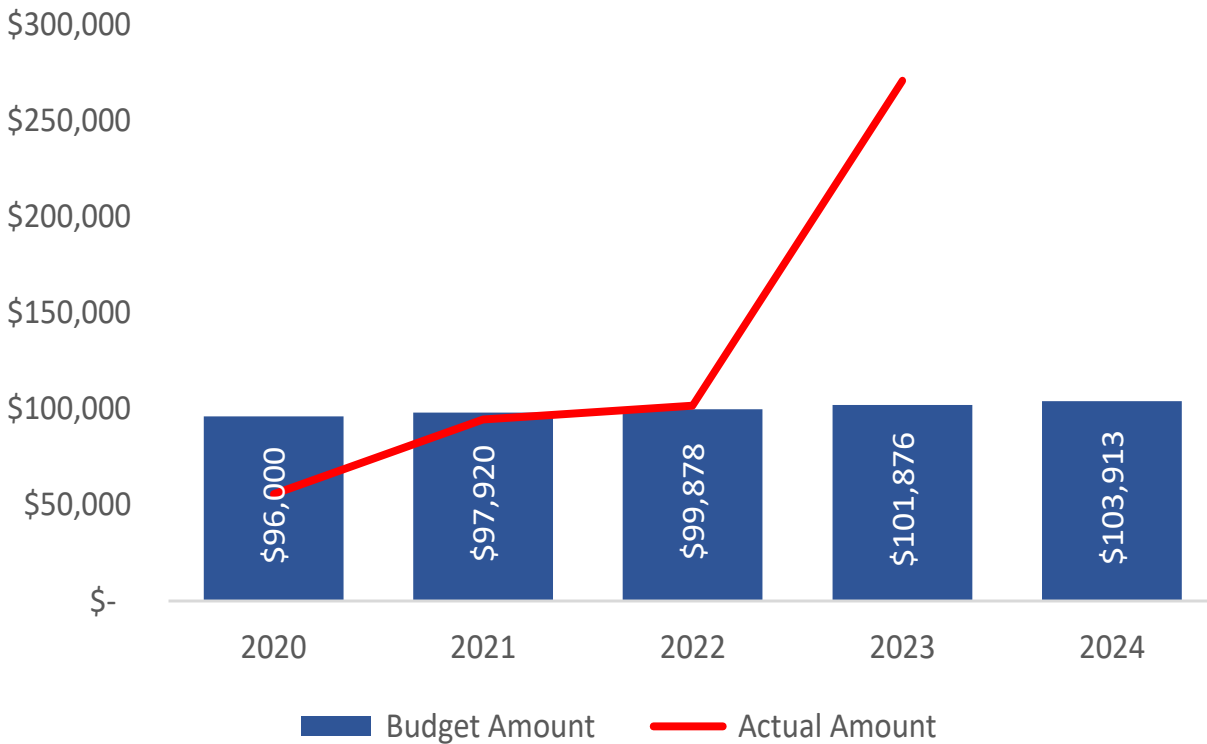
02-503-51021

Repair & Maintenance – Service Lines

This budget category includes all costs related to the replacement of water service lines. The District maintains roughly 14,500 water service lines. With an anticipated useful life of 25 years, the District will need to replace the oldest service lines at an average rate of 200 per year.

2019-20 Actual	2020-21 Actual	2021-22 Actual	2022-23 Projected	2023-24 Budget
\$ 55,593	\$ 94,373	\$ 101,579	\$ 270,568	\$ 103,913

Budget vs. Actual



Water Division – Public Works Department

02-503-51022

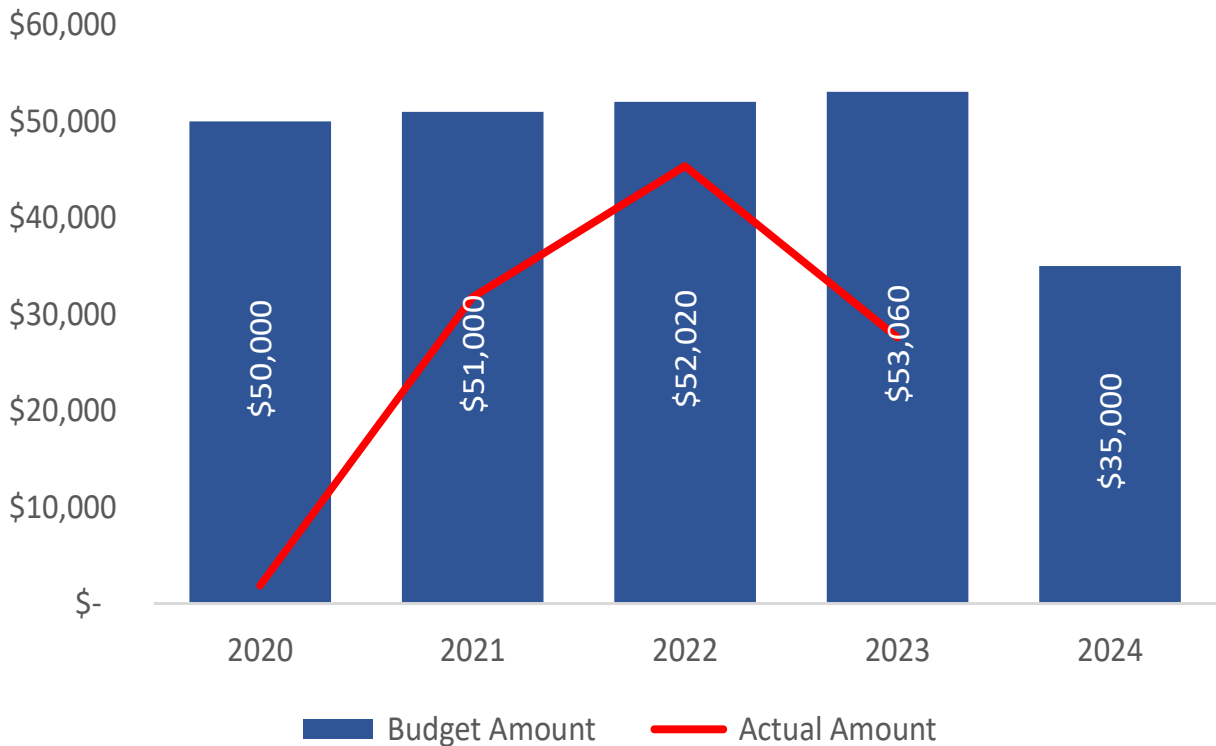
Repair & Maintenance – Fire Hydrants

The District has approximately 2,200 fire hydrants that need to be inspected, operated and maintained on a regular basis. The Public Works Department inspects and collects fire flow data from 750 fire hydrants per year. Roughly fifteen percent of the fire hydrants inspected are anticipated to need repair or replacement.

This line item also includes the annual costs associated with inspection, repair, maintenance, and replacement of the District fire services (meters, valves and vaults).

2019-20 Actual	2020-21 Actual	2021-22 Actual	2022-23 Projected		2023-24 Budget
\$ 1,876	\$ 31,752	\$ 45,371	\$ 27,618		\$ 35,000

Budget vs. Actual



Water Division – Public Works Department

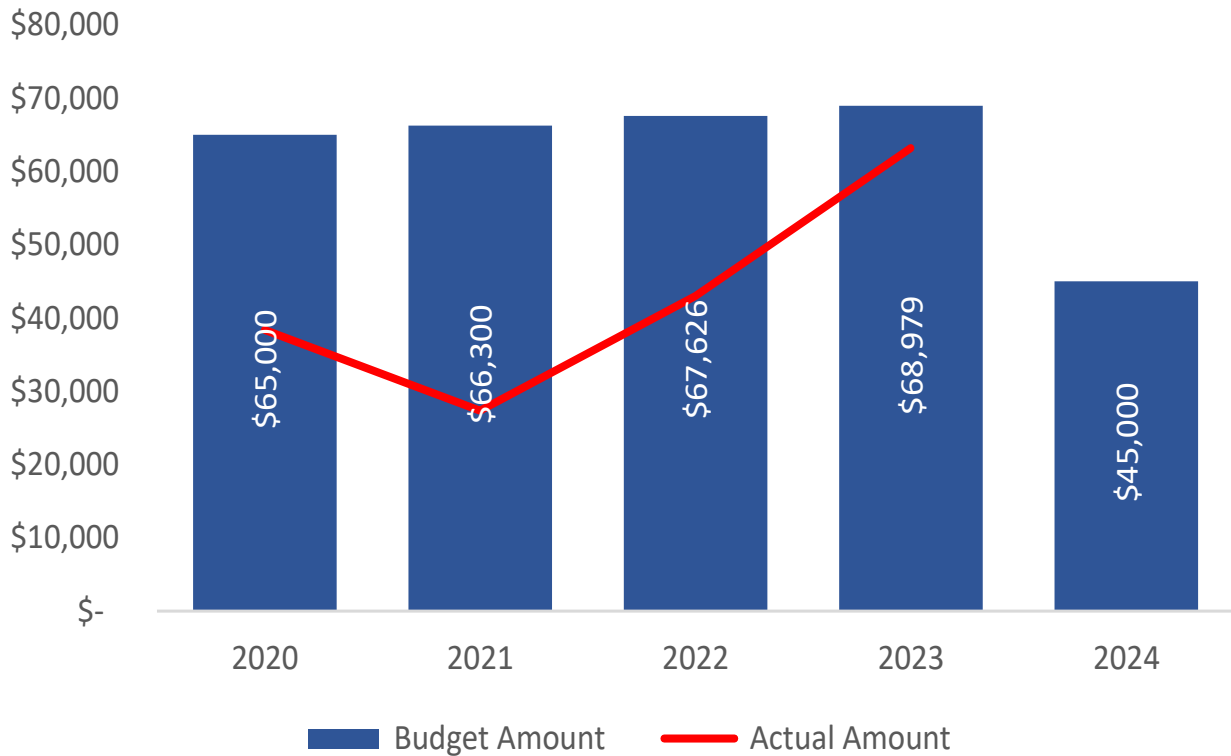
02-503-51029

Repair & Maintenance – Backflow

This budget category represents the annual costs associated with maintaining the District’s recycled water backflows. This also includes any costs related to the annual backflow testing. This expense was previously included in the Recycled Water Operating budget in prior years but is more appropriately associated with the Water Division.

2019-20 Actual	2020-21 Actual	2021-22 Actual	2022-23 Projected		2023-24 Budget
\$ 38,392	\$ 27,377	\$ 43,023	\$ 63,197		\$ 45,000

Budget vs. Actual



Water Division – Public Works Department

02-503-51030

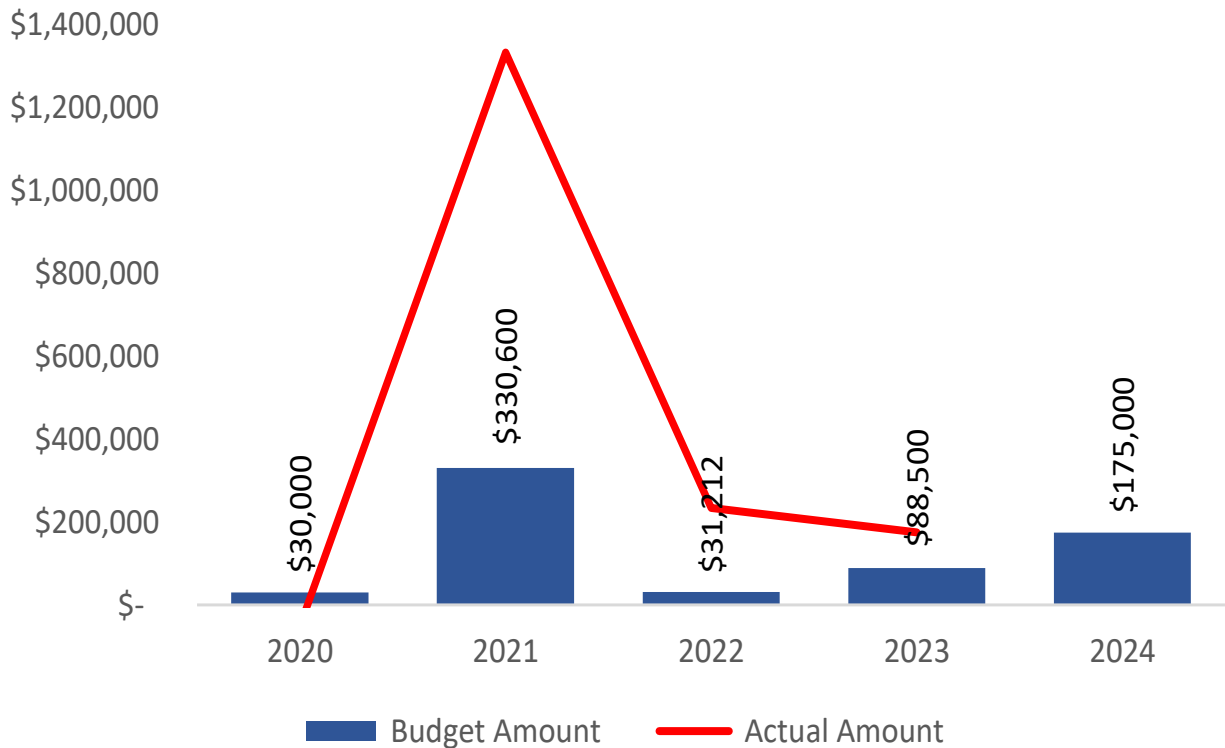
Repair & Maintenance – Water Meters

This budget category represents the annual costs associated with the maintenance, repair, replacement, testing and calibration of District meters and the routine maintenance of the related facilities. This includes water meter purchases and installation, large meter maintenance and construction meter maintenance.

Beginning in fiscal year 2019, District staff began the replacement of meters district wide. In fiscal year 2020 this was included as a capital improvement project and some of the expenses were offset with federal funding. This project is nearly complete with a minimal amount of meters left for installation. The fiscal year 2023-24 budget has been increased as a result of trending.

2019-20 Actual	2020-21 Actual	2021-22 Actual	2022-23 Projected		2023-24 Budget
\$ (50,022)	\$ 1,333,028	\$ 233,789	\$ 175,574		\$ 175,000

Budget vs. Actual



Water Division – Public Works Department

02-503-51031

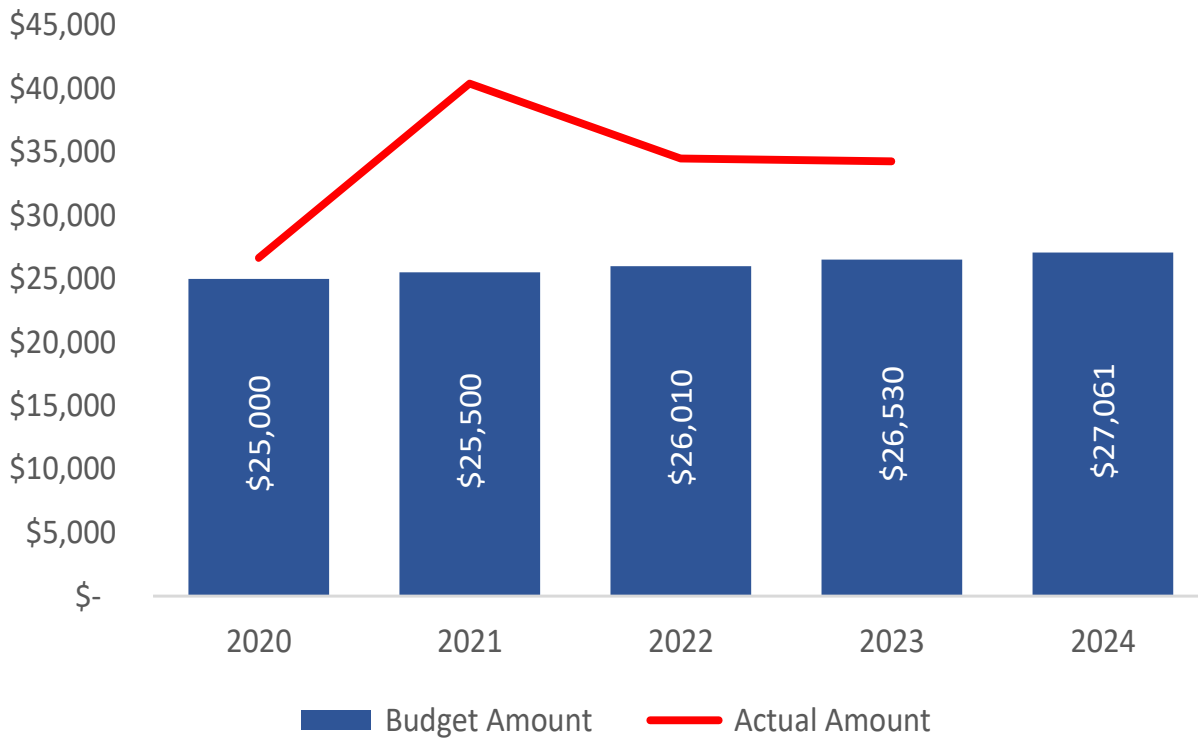
Repair & Maintenance – Fire Flow Testing

This budget category consists of charges incurred by having fire flows tested by an outside source. In the future, this network modeling and system calibration is anticipated to be performed by District staff.

2019-20 Actual	2020-21 Actual	2021-22 Actual	2022-23 Projected
\$ 26,656	\$ 40,389	\$ 34,494	\$ 34,238

2023-24 Budget
\$ 27,061

Budget vs. Actual



Water Division – Public Works Department

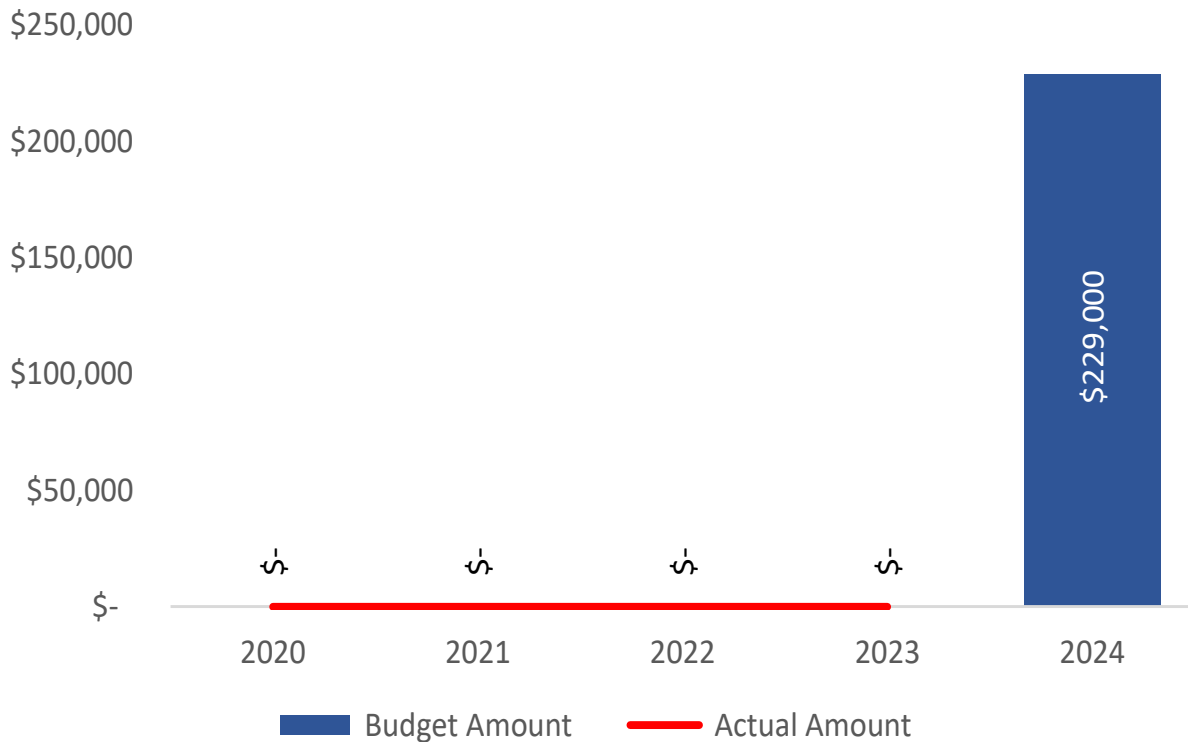
02-503-51032

Repair & Maintenance – Facility Improvements

The budget category includes maintaining the upkeep of the current facilities along with upgrading assets to meet the current standard of safety, security, and beautification with upgrades, including structural and cosmetic. District assets include but are not limited to structures, systems, walls, fences, landscaping and properties. This is a new budget line item beginning in 2023-24.

2019-20 Actual	2020-21 Actual	2021-22 Actual	2022-23 Projected	2023-24 Budget
\$ -	\$ -	\$ -	\$ -	\$ 229,000

Budget vs. Actual



Water Division – Public Works Department

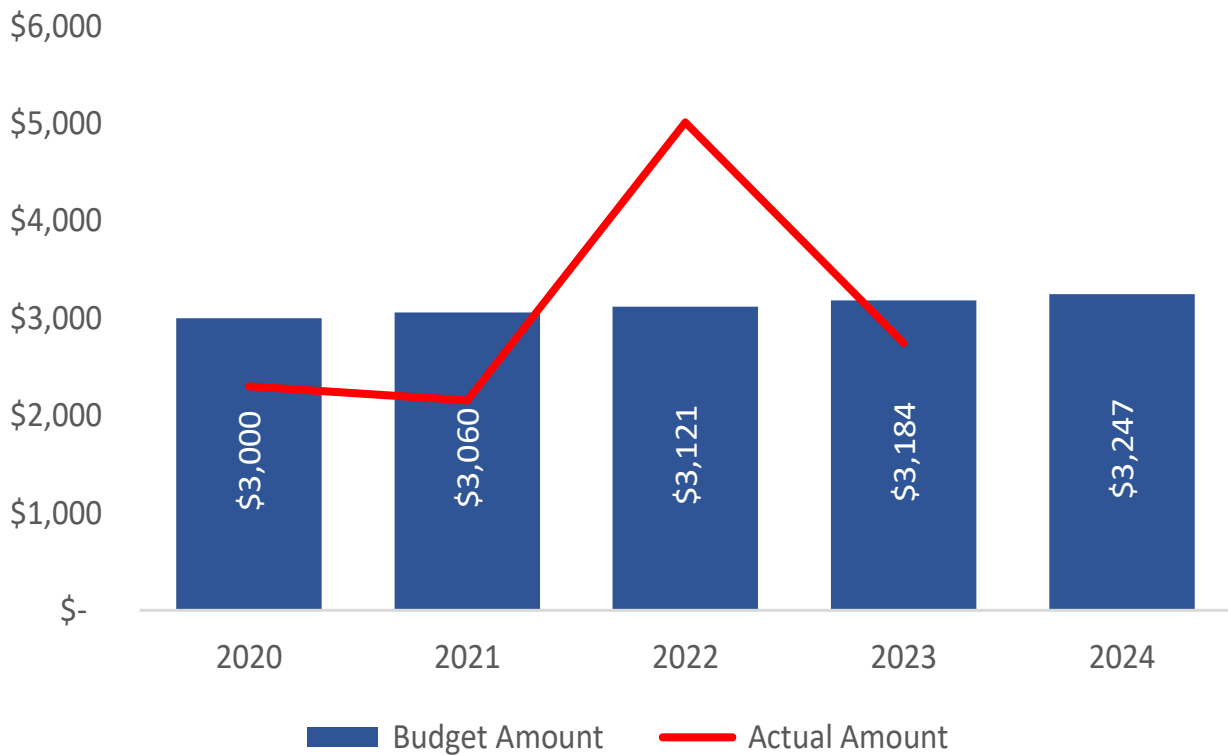
02-503-51140

General Supplies & Expenses

This budget category includes the supplies and expenses related to the operation of the Public Works Department.

2019-20 Actual	2020-21 Actual	2021-22 Actual	2022-23 Projected		2023-24 Budget
\$ 2,300	\$ 2,156	\$ 5,014	\$ 2,745		\$ 3,247

Budget vs. Actual



Water Division – Public Works Department

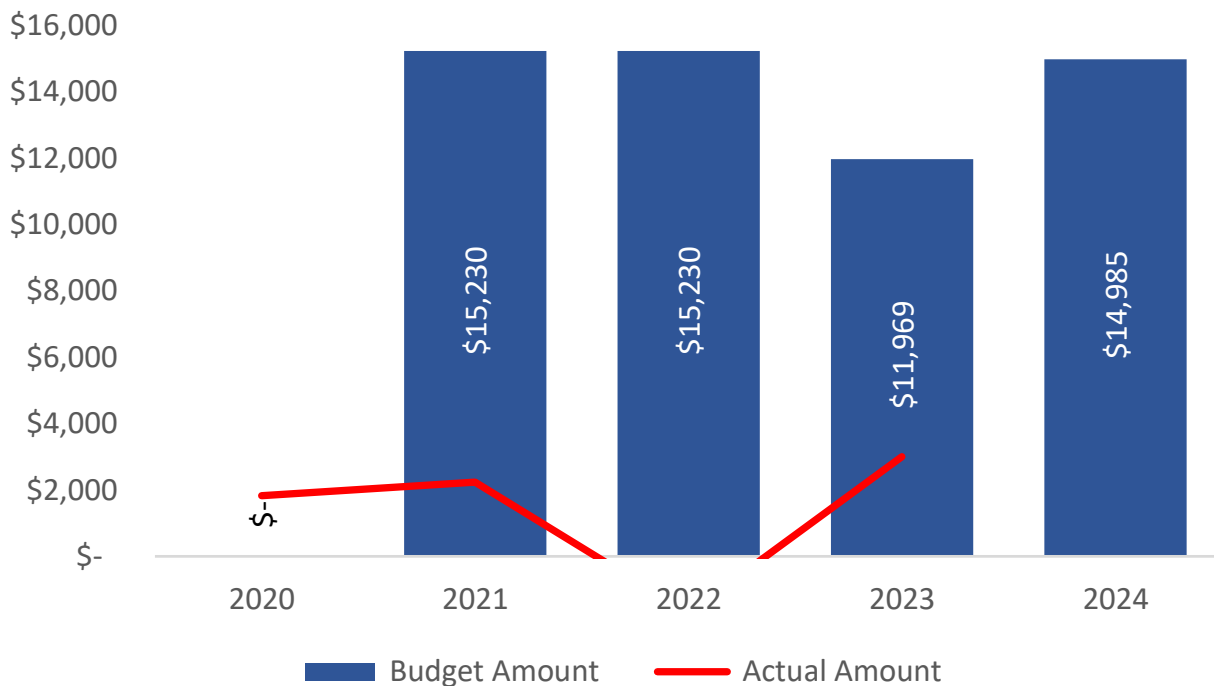
02-503-54012

Education & Training

This budget category was created in fiscal year 2020-21. This line item is used for all education and training for employees allocated to the Public Works Department. Previously, all education and training was budgeted in the Administration Department for each division (02-506-54012). As a result of COVID-19, there were no expenses for education and training in this budget unit for fiscal year 2021-22. The budgeted amount is based on the allocation of staffing for this department.

2019-20 Actual	2020-21 Actual	2021-22 Actual	2022-23 Projected		2023-24 Budget
\$ 1,835	\$ 2,245	\$ (1,710)	\$ 3,000		\$ 14,985

Budget vs. Actual



Water Division – Public Works Department

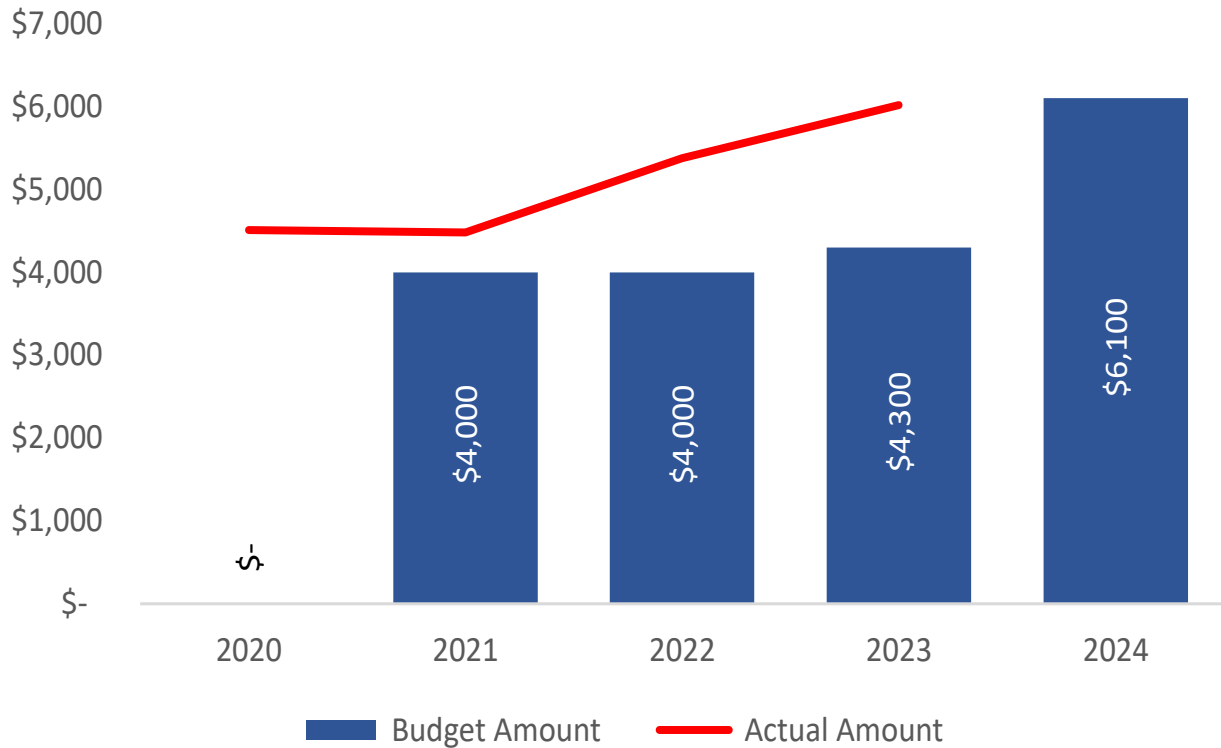
02-503-54025

Telephone & Internet

This budget category was created in fiscal year 2020-21. This line item is used for telephone and internet costs allocated to the Public Works Department. Previously, these costs were budgeted in the Administration Department for each division (02-506-54025).

2019-20 Actual	2020-21 Actual	2021-22 Actual	2022-23 Projected		2023-24 Budget
\$ 4,508	\$ 4,480	\$ 5,376	\$ 6,013		\$ 6,100

Budget vs. Actual



Administrative Services Department

Department Description – The Administrative Services Department consists of four sub-departments: management, accounting, customer service, and engineering. These sub-departments provide administrative services to the three District enterprises: drinking water, sewer, and recycled water.

Departmental Responsibilities – The Administrative Services Department is responsible for ensuring the following:

- Management: The individuals in Management are responsible for managing the operational and planning functions of the District. This includes risk management, fund investment, Director information, policy management, human resources and public relations.
- Accounting: The individuals in Accounting are responsible for all accounting functions which range from tracking District assets to maintaining accounts payable, accounts receivable, and payroll. Accounting is also responsible for maintaining fund balances, tracking of development impact fees, and maintaining the current budget.
- Customer Service: The individuals in Customer Service are responsible for all general customer related activities such as maintaining the customer service database, processing of utility billing, receiving all fees/charges, maintaining service records for the Department of Health Services.
- Engineering: The individuals in Engineering are responsible for all engineering related functions including drinking water and sewer modeling, GIS studies and applications, consultant and contractor oversight, development of design and construction standards, plan check and inspection services, and performing other related engineering studies and services.

Organizational Structure & Staffing Levels – This year the Administration Department has been allocated labor resources of 5.81 Full-Time Equivalent (FTE) employees¹.

Title	Range	FTE	Expense
General Manager	-	0.45	\$ 182,514
Chief Financial Officer	259	0.50	\$ 171,382
Director of Engineering	246	0.43	\$ 111,756
Resource Manager	237	0.35	\$ 92,316
Administrative Manager	234	0.50	\$ 112,615
Regulatory Compliance Manager	229	0.35	\$ 62,816
Chief Information Officer	226	0.45	\$ 66,966
Resource Specialist	113	0.35	\$ 54,456
Senior Engineering Technician	110	0.43	\$ 60,043
Accountant	108	0.50	\$ 85,728
Administrative Assistant I	39	0.50	\$ 81,892
Administrative Clerk IV	35	0.50	\$ 66,941
Administrative Clerk I	23	0.50	\$ 47,683
Total		5.81	\$ 1,197,108

¹ The positions that are assigned a FTE value of less than 1.0 are involved in other divisions such as the Sewer Division and Recycled Water Division.

This year, the Administrative Services Department will be allocated \$3,239,468 (not including asset acquisitions & capital improvements), which represents a decrease of \$1,814,821 as compared to the prior year modified budget, or a 35.9% decrease. This is primarily a result of the expenditure for the Calimesa Regional Recycled Pipeline project from the prior year that were budgeted in Contractual Services (02-506-54104).

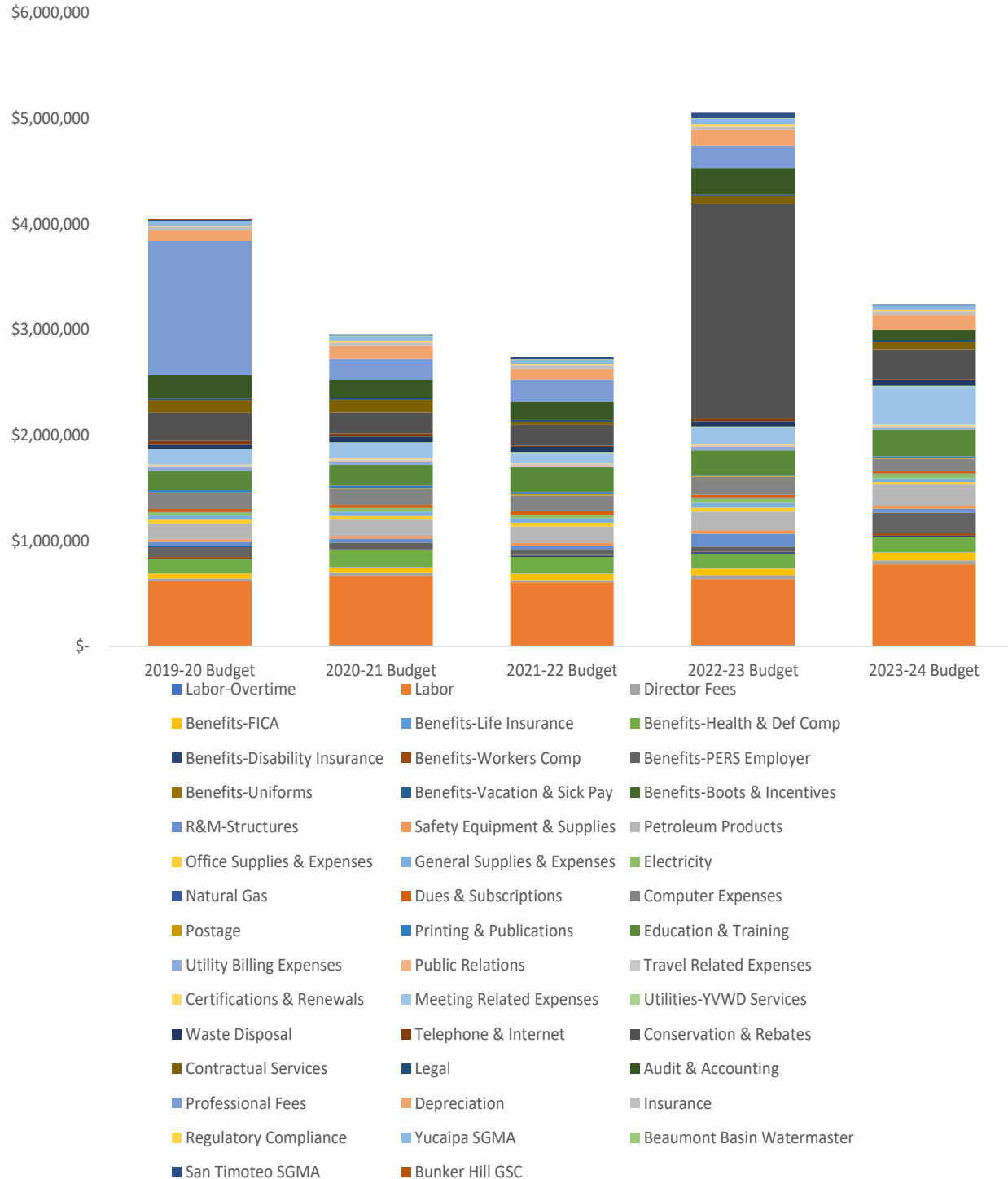
Anticipated Issues for this Fiscal Year – The following issues have been identified for this fiscal year. The specific resolution to the issues presented below may need to be further analyzed by District staff and presented to the Board of Directors for the adoption of a specific policy, procurement or other action as deemed necessary.

- The District continues to underfund our actual depreciation expenses. This issue is most readily apparent in the annual financial audit which shows the following funded and unfunded depreciation expense. The underfunded depreciation has been addressed as part of the most recent rate study and will continue to improve over the next few years.

In order to adequately fund the repair and replacement of District facilities, additional funding is necessary.

Budget Overview – The following illustration shows the budgeted line items for the **Administrative Services** Budget.

Expense Budget



Water Administrative Services Department

Account	2019-20 Budget	2019-20 Actual	2020-21 Budget	2020-21 Actual	2021-22 Budget	2021-22 Actual	2022-23 Budget	2022-23 Estimated	2023-24 Budget	Increase (Decrease) in Budget	Increase (Decrease) %
02-506-50009. Labor - Overtime	\$ -	\$ 8,235	\$ 12,436	\$ 2,960	\$ 5,736	\$ 9,389	\$ 11,470	\$ 6,783	\$ 3,075	\$ (8,395)	-73.2%
02-506-50010. Labor	\$ 616,295	\$ 618,917	\$ 655,148	\$ 612,174	\$ 601,289	\$ 644,705	\$ 624,593	\$ 662,978	\$ 772,412	\$ 147,819	23.7%
02-506-50011. Labor - Credit	\$ -	\$ (14,520)	\$ -	\$ (24,808)	\$ -	\$ 6,390	\$ -	\$ 873	\$ -	\$ -	
02-506-50012. Director Fees	\$ 26,000	\$ 28,438	\$ 27,300	\$ 30,179	\$ 20,000	\$ 31,279	\$ 38,578	\$ 41,278	\$ 38,215	\$ (363)	-0.9%
02-506-50013. Benefits-FICA	\$ 47,147	\$ 53,083	\$ 53,161	\$ 51,123	\$ 60,066	\$ 53,992	\$ 62,308	\$ 53,725	\$ 73,430	\$ 11,122	17.9%
02-506-50014. Benefits-Life Insurance	\$ 3,120	\$ 1,156	\$ 3,964	\$ 1,000	\$ 2,839	\$ 873	\$ 3,746	\$ 957	\$ 4,083	\$ 337	9.0%
02-506-50016. Benefits-Health & Def Comp	\$ 130,980	\$ 202,691	\$ 161,439	\$ 200,742	\$ 156,292	\$ 196,748	\$ 138,304	\$ 208,224	\$ 143,111	\$ 4,807	3.5%
02-506-50017. Benefits-Disability Insurance	\$ 5,547	\$ 9,437	\$ 6,007	\$ 7,550	\$ 13,978	\$ 8,679	\$ 14,010	\$ 7,719	\$ 13,439	\$ (571)	-4.1%
02-506-50019. Benefits-Workers Compensation	\$ 16,640	\$ 13,476	\$ 4,454	\$ 20,367	\$ 3,653	\$ 16,682	\$ 3,182	\$ 9,077	\$ 24,536	\$ 21,354	671.1%
02-506-50021. Benefits-PERS Employee	\$ -	\$ -	\$ -	\$ (366)	\$ -	\$ (458)	\$ -	\$ (767)	\$ -	\$ -	
02-506-50022. Benefits-PERS Employer	\$ 92,444	\$ 49,766	\$ 53,984	\$ 346,448	\$ 49,910	\$ 49,991	\$ 47,048	\$ 500,985	\$ 192,671	\$ 145,623	309.5%
02-506-50023. Benefits-Uniforms	\$ 3,250	\$ 2,977	\$ 175	\$ 3,055	\$ -	\$ 2,852	\$ -	\$ 3,251	\$ -	\$ -	
02-506-50024. Benefits-Vacation & Sick Pay	\$ 10,000	\$ 10,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
02-506-50025. Benefits-Boots & Incentives	\$ 1,950	\$ 5,385	\$ 2,055	\$ 1,830	\$ 2,619	\$ 400	\$ 2,409	\$ 2,444	\$ 2,328	\$ (81)	-3.4%
02-506-51003. R&M - Structures	\$ 35,000	\$ 51,173	\$ 40,700	\$ 51,943	\$ 36,414	\$ 22,806	\$ 121,856	\$ 122,073	\$ 37,885	\$ (83,971)	-68.9%
02-506-51091. Expense Credits (overhead)	\$ -	\$ (6,112)	\$ -	\$ (81)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
02-506-51120. Safety Equipment & Supplies	\$ 25,000	\$ 12,581	\$ 25,500	\$ 31,040	\$ 26,010	\$ 37,228	\$ 32,530	\$ 22,208	\$ 27,061	\$ (5,469)	-16.8%
02-506-51125. Petroleum Products	\$ 150,000	\$ 111,806	\$ 153,000	\$ 102,120	\$ 156,060	\$ 171,494	\$ 175,181	\$ 189,977	\$ 200,000	\$ 24,819	14.2%
02-506-51130. Office Supplies & Expenses	\$ 35,000	\$ 15,502	\$ 35,700	\$ 21,348	\$ 36,414	\$ 32,882	\$ 37,142	\$ 17,433	\$ 23,887	\$ (13,255)	-35.7%
02-506-51140. General Supplies & Expenses	\$ 40,000	\$ 26,960	\$ 40,800	\$ 22,020	\$ 41,616	\$ 47,150	\$ 47,448	\$ 35,470	\$ 34,880	\$ (12,568)	-26.5%
02-506-51199. Disaster Repairs & Incidences	\$ -	\$ -	\$ -	\$ 3,532	\$ -	\$ 1,169	\$ -	\$ -	\$ -	\$ -	
02-506-51211. Electricity	\$ 32,000	\$ 31,816	\$ 32,640	\$ 32,647	\$ 33,293	\$ 43,561	\$ 40,000	\$ 47,867	\$ 41,358	\$ 1,358	3.4%
02-506-51213. Natural Gas	\$ 2,000	\$ 2,336	\$ 2,740	\$ 3,127	\$ 2,081	\$ 3,395	\$ 4,000	\$ 6,582	\$ 4,368	\$ 368	9.2%
02-506-54002. Dues & Subscriptions	\$ 30,000	\$ 17,852	\$ 30,600	\$ 18,698	\$ 31,212	\$ 18,227	\$ 31,836	\$ 23,755	\$ 20,227	\$ (11,609)	-36.5%
02-506-54005. Computer Expenses	\$ 145,000	\$ 105,265	\$ 147,900	\$ 117,901	\$ 150,858	\$ 136,698	\$ 169,361	\$ 101,955	\$ 118,851	\$ (50,510)	-29.8%
02-506-54010. Postage	\$ 10,000	\$ 2,989	\$ 10,200	\$ 3,563	\$ 10,404	\$ 9,021	\$ 10,612	\$ 5,721	\$ 10,824	\$ 212	2.0%
02-506-54011. Printing & Publications	\$ -	\$ 351	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
02-506-54012. Education & Training	\$ 20,000	\$ 6,045	\$ 20,400	\$ 12,532	\$ 20,808	\$ 14,246	\$ 7,240	\$ 22,318	\$ 11,697	\$ 4,457	61.6%
02-506-54013. Utility Billing Expenses	\$ 185,000	\$ 203,185	\$ 197,700	\$ 234,205	\$ 232,000	\$ 229,160	\$ 233,000	\$ 254,088	\$ 255,000	\$ 22,000	9.4%
02-506-54014. Public Relations	\$ 31,500	\$ 21,273	\$ 32,130	\$ 20,705	\$ 13,500	\$ 10,310	\$ 33,428	\$ 14,802	\$ 15,272	\$ (18,156)	-54.3%
02-506-54016. Travel Related Expenses	\$ 7,500	\$ 9,865	\$ 7,650	\$ 134	\$ 7,803	\$ 12,248	\$ 7,959	\$ 13,811	\$ 8,118	\$ 159	2.0%
02-506-54017. Certifications & Renewals	\$ 12,000	\$ 7,334	\$ 12,240	\$ 7,859	\$ 12,485	\$ 5,830	\$ 12,734	\$ 10,465	\$ 12,989	\$ 255	2.0%
02-506-54020. Meeting Related Expenses	\$ 8,000	\$ 6,950	\$ 8,160	\$ 2,120	\$ 5,000	\$ 4,845	\$ 8,490	\$ 6,166	\$ 8,659	\$ 169	2.0%
02-506-54022. Utilities - YVWD Services	\$ 145,000	\$ 73,390	\$ 147,900	\$ 93,171	\$ 100,000	\$ 114,221	\$ 153,875	\$ 356,645	\$ 360,000	\$ 206,125	134.0%
02-506-54024. Waste Disposal	\$ 2,700	\$ 5,130	\$ 5,100	\$ 9,990	\$ 9,000	\$ 12,879	\$ 10,000	\$ 6,893	\$ 9,920	\$ (80)	-0.8%
02-506-54025. Telephone & Internet	\$ 45,000	\$ 54,521	\$ 53,000	\$ 54,230	\$ 46,818	\$ 56,536	\$ 50,000	\$ 53,952	\$ 54,000	\$ 4,000	8.0%
02-506-54099. Conservation & Rebates	\$ 30,000	\$ 750	\$ 30,600	\$ 971	\$ 10,000	\$ 1,728	\$ 31,836	\$ 612	\$ 10,000	\$ (21,836)	-68.6%
02-506-54104. Contractual Services	\$ 270,000	\$ 321,086	\$ 200,700	\$ 195,471	\$ 198,000	\$ 239,488	\$ 2,024,866	\$ 398,554	\$ 275,000	\$ (1,749,866)	-86.4%
02-506-54107. Legal	\$ 120,000	\$ 144,649	\$ 120,000	\$ 677,055	\$ 31,212	\$ 220,422	\$ 75,000	\$ 59,208	\$ 75,000	\$ -	0.0%
02-506-54108. Audit & Accounting	\$ 15,000	\$ 14,232	\$ 15,300	\$ 9,600	\$ 15,606	\$ 12,529	\$ 15,918	\$ 10,139	\$ 16,236	\$ 318	2.0%
02-506-54109. Professional Fees	\$ 217,691	\$ 369,533	\$ 168,300	\$ 104,989	\$ 171,666	\$ 120,312	\$ 250,099	\$ 74,748	\$ 100,016	\$ (150,083)	-60.0%
02-506-55500. Depreciation	\$ 1,272,330	\$ 3,488,376	\$ 204,000	\$ 361,142	\$ 208,080	\$ 4,106,704	\$ 212,242	\$ -	\$ -	\$ (212,242)	-100.0%
02-506-55510. Bond Issuance Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 165,195	\$ -	\$ -	\$ -	\$ -	
02-506-56001. Insurance	\$ 100,000	\$ 132,750	\$ 122,000	\$ 114,588	\$ 104,040	\$ 132,777	\$ 150,000	\$ 163,376	\$ 136,914	\$ (13,086)	-8.7%
02-506-57030. Regulatory Compliance	\$ 35,000	\$ 30,275	\$ 35,700	\$ 29,633	\$ 36,414	\$ 13,153	\$ 30,000	\$ 69,747	\$ 37,885	\$ 7,885	26.3%
02-506-57090. Election Related Expenses	\$ -	\$ -	\$ -	\$ 5,162	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
02-506-57095. Yucaipa SGMA	\$ 10,000	\$ 9,655	\$ 10,200	\$ 12,679	\$ 10,404	\$ 19,098	\$ 25,000	\$ 5,994	\$ 10,824	\$ (14,176)	-56.7%
02-506-57096. Beaumont Basin Watermaster	\$ 40,000	\$ 23,498	\$ 40,800	\$ 47,434	\$ 41,616	\$ 30,055	\$ 50,000	\$ 109,113	\$ 43,297	\$ (6,703)	-13.4%
02-506-57097. San Timoteo SGMA	\$ 5,000	\$ 7,100	\$ 8,100	\$ -	\$ 5,202	\$ -	\$ 5,000	\$ -	\$ -	\$ (5,000)	-100.0%
02-506-57098. Bunker Hill GSC	\$ 15,000	\$ 11,847	\$ 15,300	\$ 29,159	\$ 15,606	\$ 14,834	\$ 51,988	\$ 48,487	\$ 12,000	\$ (39,988)	-76.9%
Total	\$ 4,044,094	\$ 6,303,004	\$ 2,955,183	\$ 3,682,941	\$ 2,736,004	\$ 7,081,725	\$ 5,054,289	\$ 3,749,686	\$ 3,239,468	\$ (1,814,821)	-35.9%

NOTE: Pages 2-56 through 2-88 following this spreadsheet will provide more detail on each line item.

Water Division – Administrative Services Department

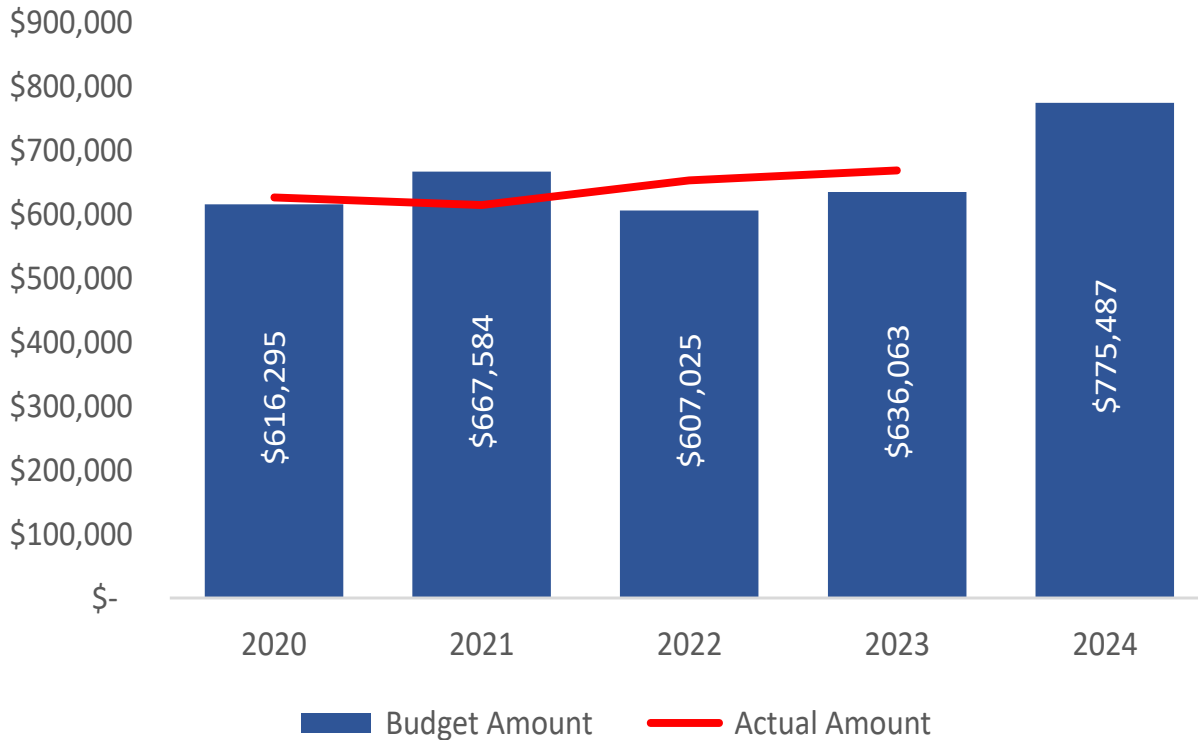
02-506-500xx

Labor

This budget category includes the base salaries and overtime associated with the Administrative Services Department staff members. Fiscal year 2020-21 was the first time the District had budgeted for overtime separately.

Account	2019-20 Actual	2020-21 Actual	2021-22 Actual	2022-23 Projection	2023-24 Budget
02-506-50009. Labor - Overtime	\$ 8,235	\$ 2,960	\$ 9,389	\$ 6,783	\$ 3,075
02-506-50010. Labor	\$ 618,917	\$ 612,174	\$ 644,705	\$ 662,978	\$ 772,412
	\$ 627,152	\$ 615,134	\$ 654,094	\$ 669,761	\$ 775,487

Budget vs. Actual



Water Division – Administrative Services Department

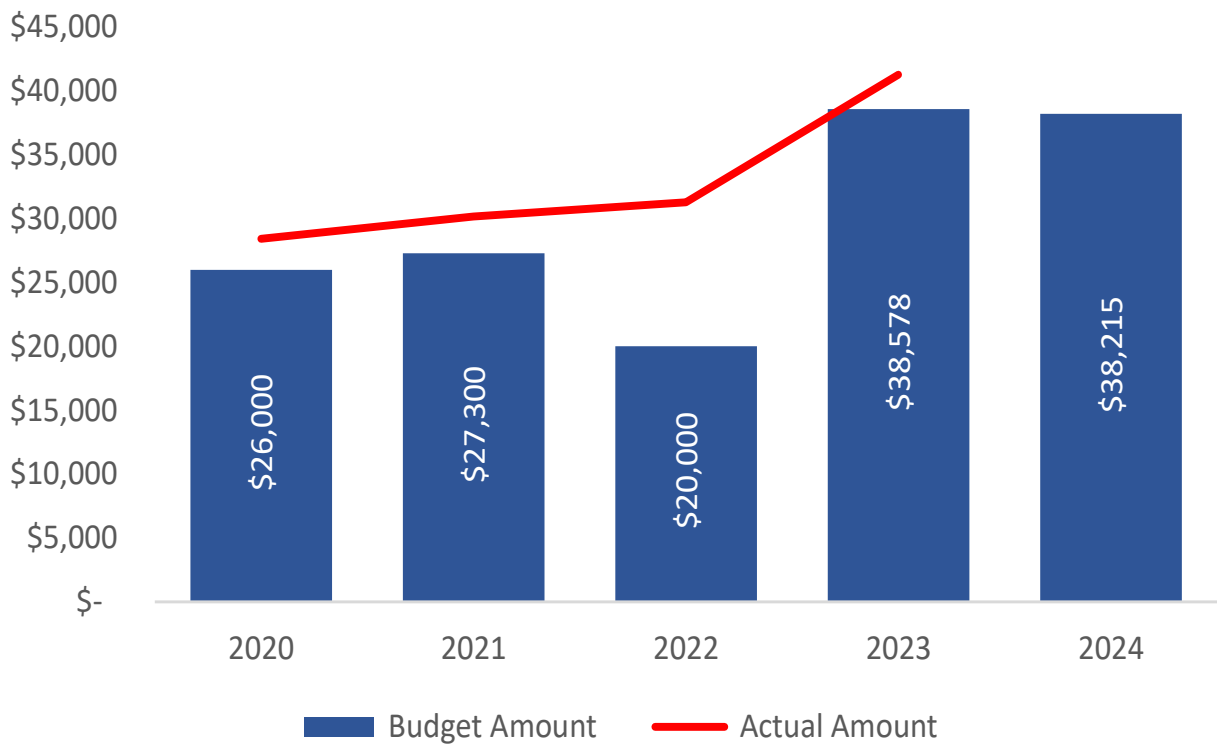
02-506-50012

Director Fees

Director related expenses for meetings, travel, seminars and related events will be expensed to this budget category.

2019-20 Actual	2020-21 Actual	2021-22 Actual	2022-23 Projected		2023-24 Budget
\$ 28,438	\$ 30,179	\$ 31,279	\$ 41,278		\$ 38,215

Budget vs. Actual



Water Division – Administrative Services Department

02-506-500xx

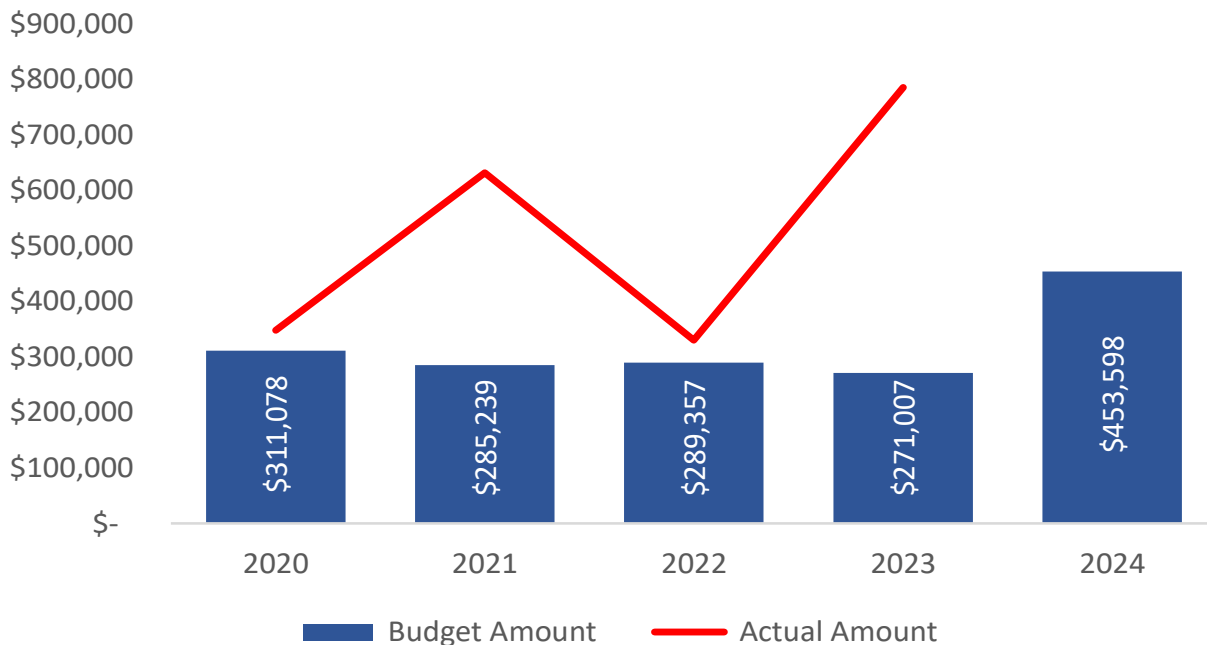
Benefits

This budget category includes the District paid benefits for the staff members of the Administrative Services department including a portion of benefits paid to Directors.

Account	2019-20 Actual	2020-21 Actual	2021-22 Actual	2022-23 Projection	2023-24 Budget
02-506-50013. Benefits-FICA	\$ 53,083	\$ 51,123	\$ 53,992	\$ 53,725	\$ 73,430
02-506-50014. Benefits-Life Insurance	\$ 1,156	\$ 1,000	\$ 873	\$ 957	\$ 4,083
02-506-50016. Benefits-Health & Def Comp	\$ 202,691	\$ 200,742	\$ 196,748	\$ 208,224	\$ 143,111
02-506-50017. Benefits-Disability Insurance	\$ 9,437	\$ 7,550	\$ 8,679	\$ 7,719	\$ 13,439
02-506-50019. Benefits-Workers Compensation	\$ 13,476	\$ 20,367	\$ 16,682	\$ 9,077	\$ 24,536
02-506-50021. Benefits-PERS Employee	\$ -	\$ (366)	\$ (458)	\$ (767)	\$ -
02-506-50022. Benefits-PERS Employer	\$ 49,766	\$ 346,448	\$ 49,991	\$ 500,985	\$ 192,671
02-506-50023. Benefits-Uniforms	\$ 2,977	\$ 3,055	\$ 2,852	\$ 3,251	\$ -
02-506-50024. Benefits-Vacation & Sick Pay	\$ 10,000	\$ -	\$ -	\$ -	\$ -
02-506-50025. Benefits-Boots & Incentives	\$ 5,385	\$ 1,830	\$ 400	\$ 2,444	\$ 2,328
	\$ 347,973	\$ 631,750	\$ 329,760	\$ 785,615	\$ 453,598

Benefits are automatically calculated as a result of payroll within the system. Beginning in fiscal year 2023-24, the District has included the annual PERS Unfunded Liability payment within the budget allocated by staffing throughout the District.

Budget vs. Actual



Water Division – Administrative Services Department

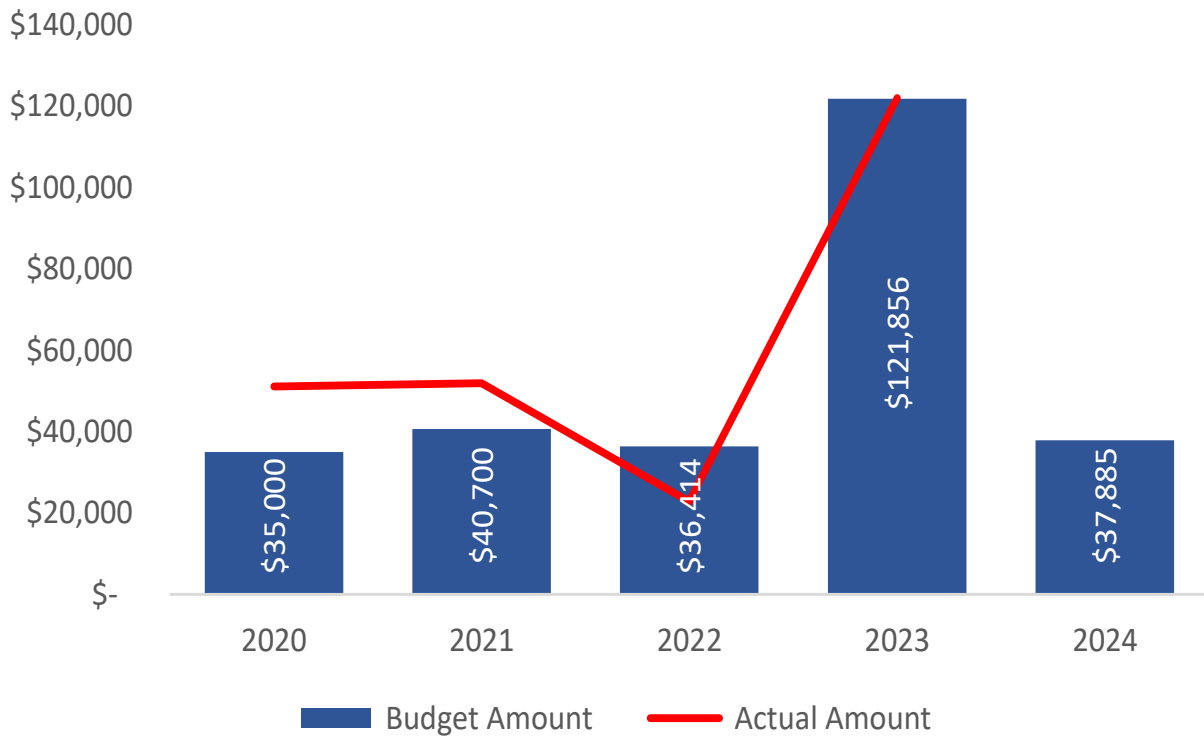
02-506-51003

Repair & Maintenance - Structures

This budget category represents the annual costs associated with the maintenance and repair of the District administration building and related facilities. The expenses for fiscal year 2022-23 include one time costs for a block wall at the Second Street facility. The budget for 2023-24 has been reduced to accommodate for anticipated ongoing expenses.

2019-20 Actual	2020-21 Actual	2021-22 Actual	2022-23 Projected		2023-24 Budget
\$ 51,173	\$ 51,943	\$ 22,806	\$ 122,073		\$ 37,885

Budget vs. Actual



Water Division – Administrative Services Department

02-506-51120

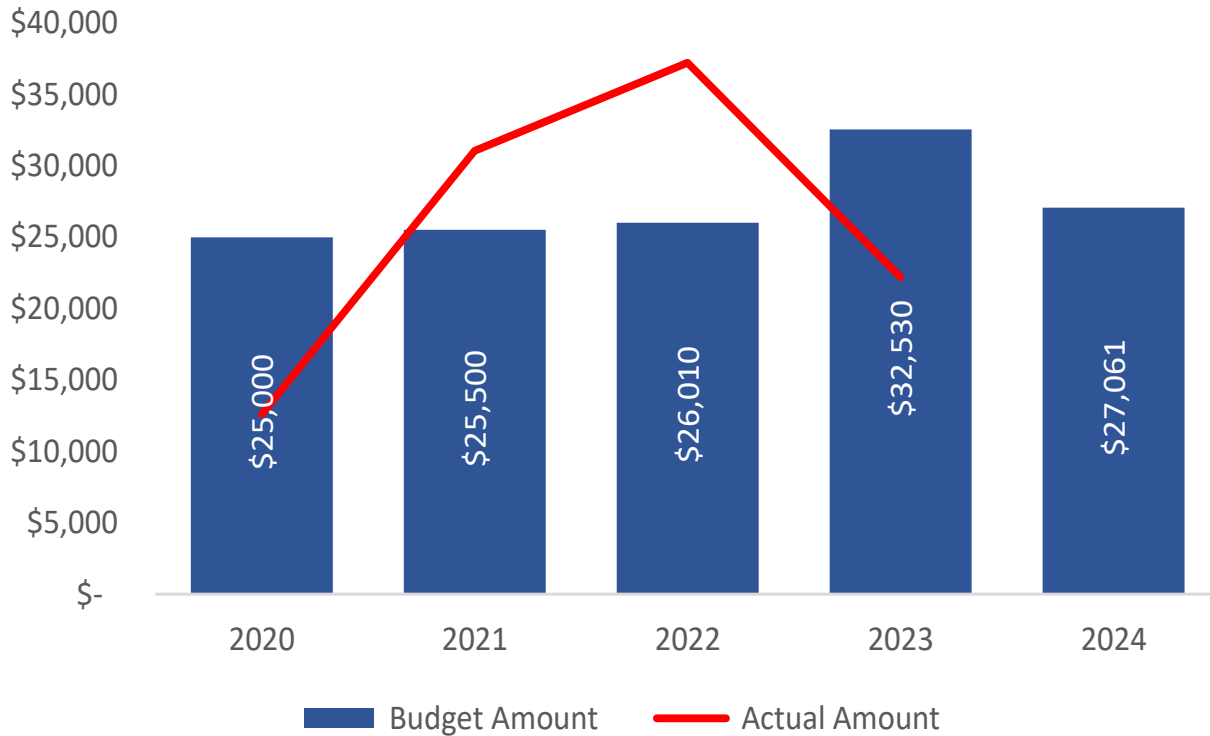
Safety Equipment & Supplies

This budget category represents the annual costs associated with the purchase of safety equipment necessary to comply with Cal-OSHA, NIOSHAS, confined space, Hazmat, and Cal Trans Requirements.

2019-20 Actual	2020-21 Actual	2021-22 Actual	2022-23 Projected
\$ 12,581	\$ 31,040	\$ 37,228	\$ 22,208

2023-24 Budget
\$ 27,061

Budget vs. Actual



Water Division – Administrative Services Department

02-506-51125

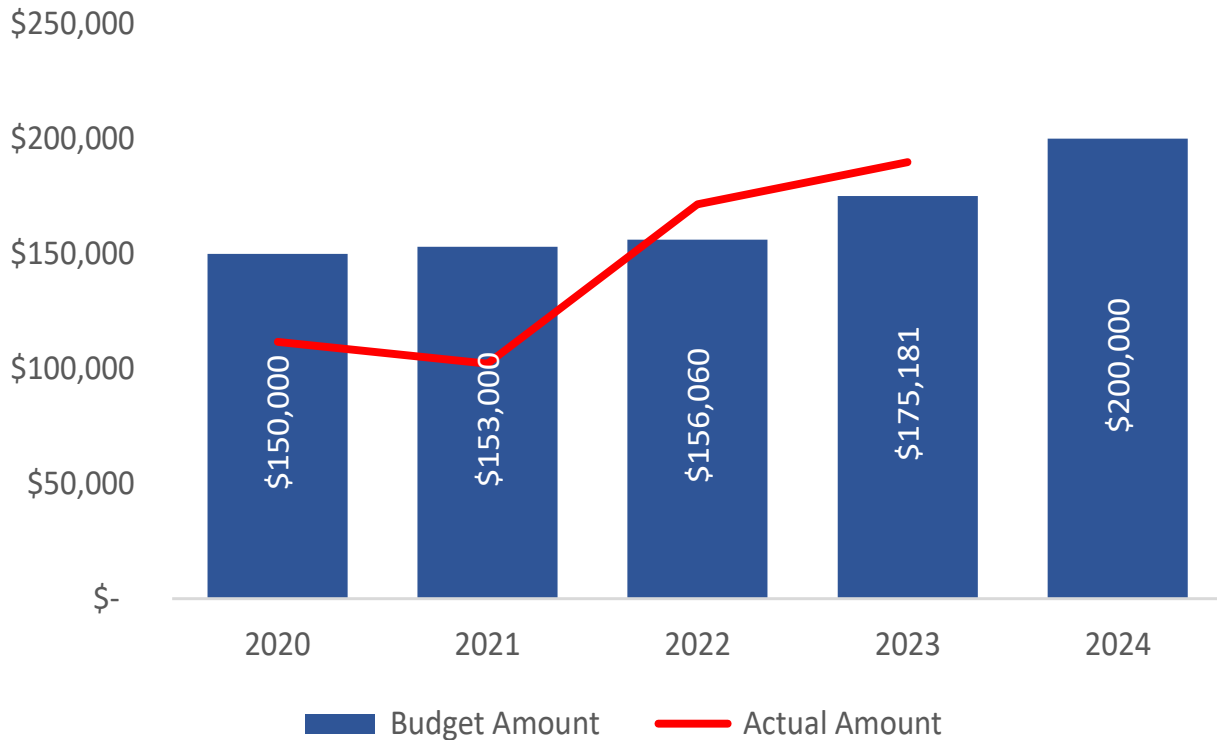
Petroleum Products

This budget category represents the costs associated with the purchase of unleaded gasoline, propane, oil and diesel fuel for District vehicles and equipment. The budget amount for fiscal year 2022-23 has been increased as a result of trending.

2019-20 Actual	2020-21 Actual	2021-22 Actual	2022-23 Projected
\$ 111,806	\$ 102,120	\$ 171,494	\$ 189,977

2023-24 Budget
\$ 200,000

Budget vs. Actual



Water Division – Administrative Services Department

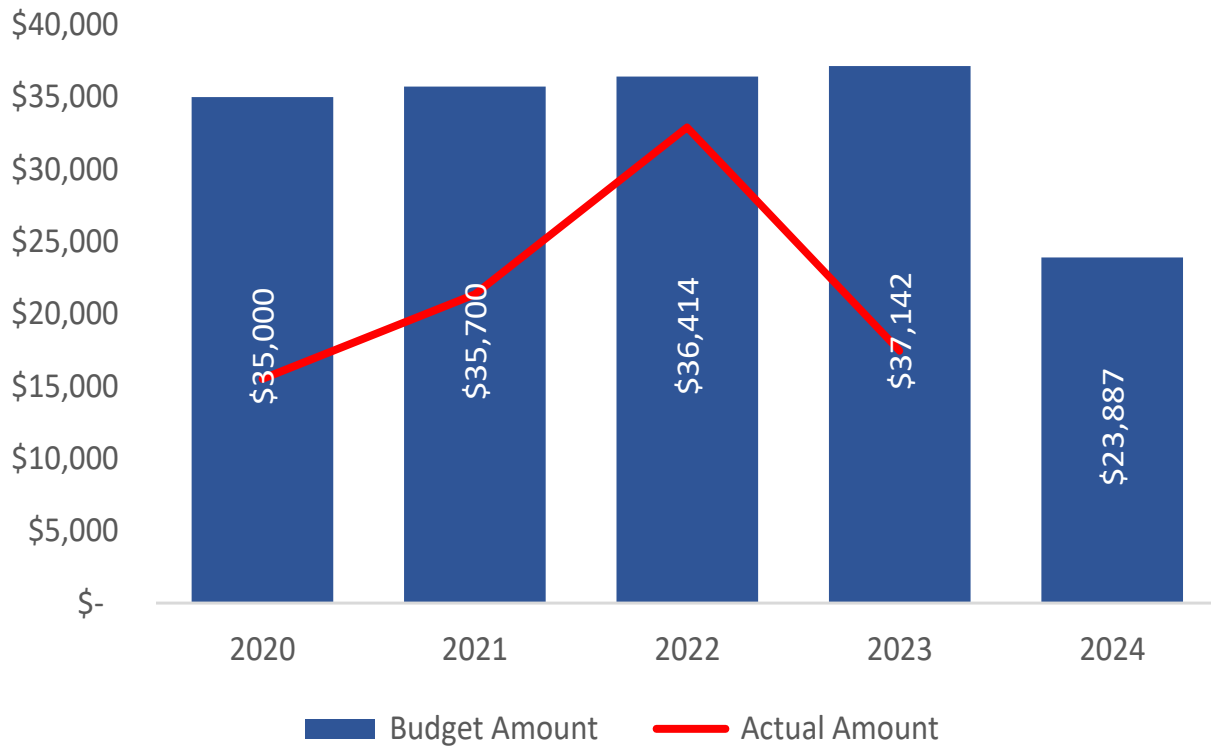
02-506-51130

Office Supplies & Expenses

This budget category is used for office supplies for the drinking water division including toner, ink, paper and various other products.

2019-20 Actual	2020-21 Actual	2021-22 Actual	2022-23 Projected		2023-24 Budget
\$ 15,502	\$ 21,348	\$ 32,882	\$ 17,433		\$ 23,887

Budget vs. Actual



Water Division – Administrative Services Department

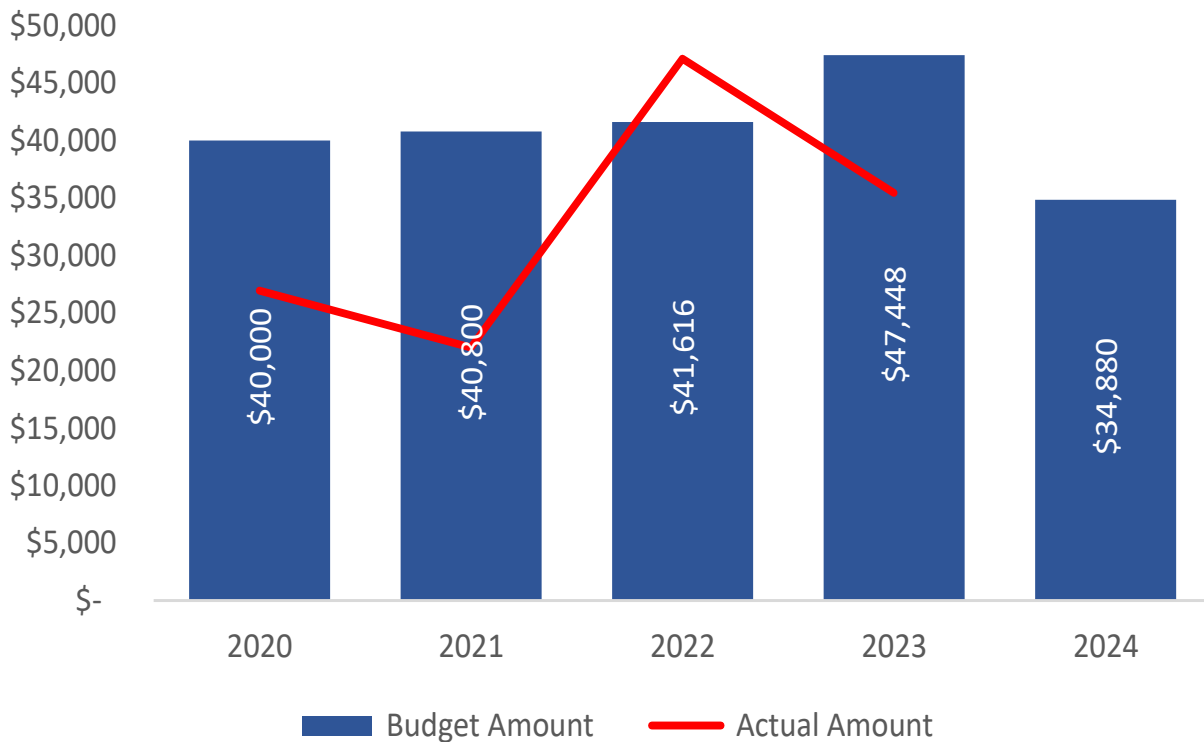
02-506-51140

General Supplies & Expenses

This budget includes the supplies and expenses related to the operation of the Administrative Services Department. The budget amount for fiscal year 2023-24 has been decreased as a result of trending.

2019-20 Actual	2020-21 Actual	2021-22 Actual	2022-23 Projected		2023-24 Budget
\$ 26,960	\$ 22,020	\$ 47,150	\$ 35,470		\$ 34,880

Budget vs. Actual



Water Division – Administrative Services Department

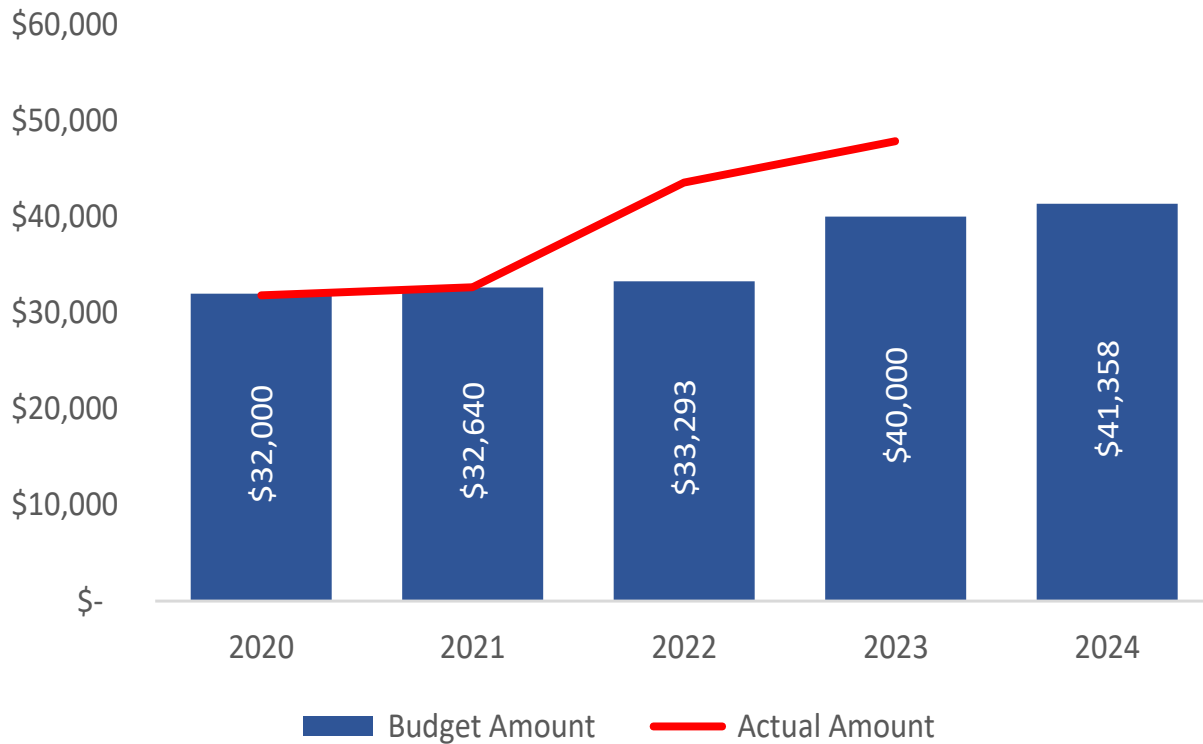
02-506-51211

Electricity

This budget category represents the costs associated with the general electrical usage by the departments within the drinking water division.

2019-20 Actual	2020-21 Actual	2021-22 Actual	2022-23 Projected	2023-24 Budget
\$ 31,816	\$ 32,647	\$ 43,561	\$ 47,867	\$ 41,358

Budget vs. Actual



Water Division – Administrative Services Department

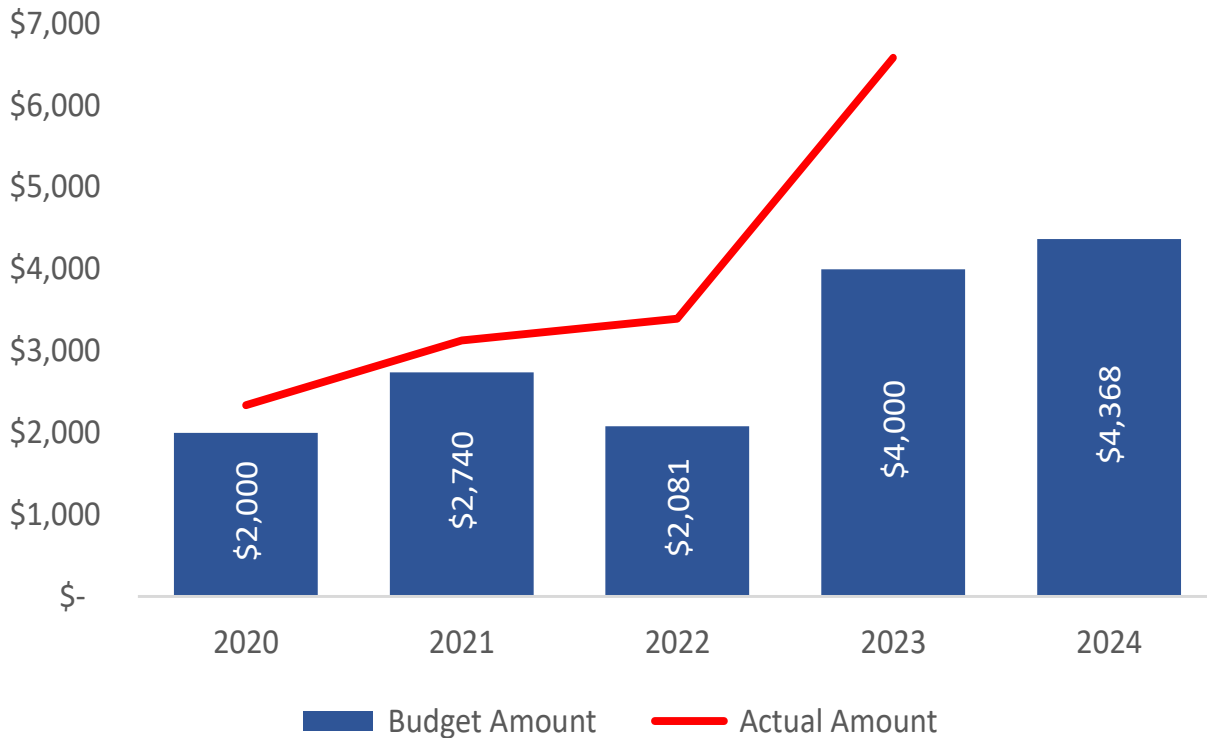
02-506-51213

Natural Gas

This budget category represents the costs associated with natural gas usage by the departments within the water division. This expense is generally associated with heating of District facilities.

2019-20 Actual	2020-21 Actual	2021-22 Actual	2022-23 Projected	2023-24 Budget
\$ 2,336	\$ 3,127	\$ 3,395	\$ 6,582	\$ 4,368

Budget vs. Actual



Water Division – Administrative Services Department

02-506-54002

Dues & Subscriptions

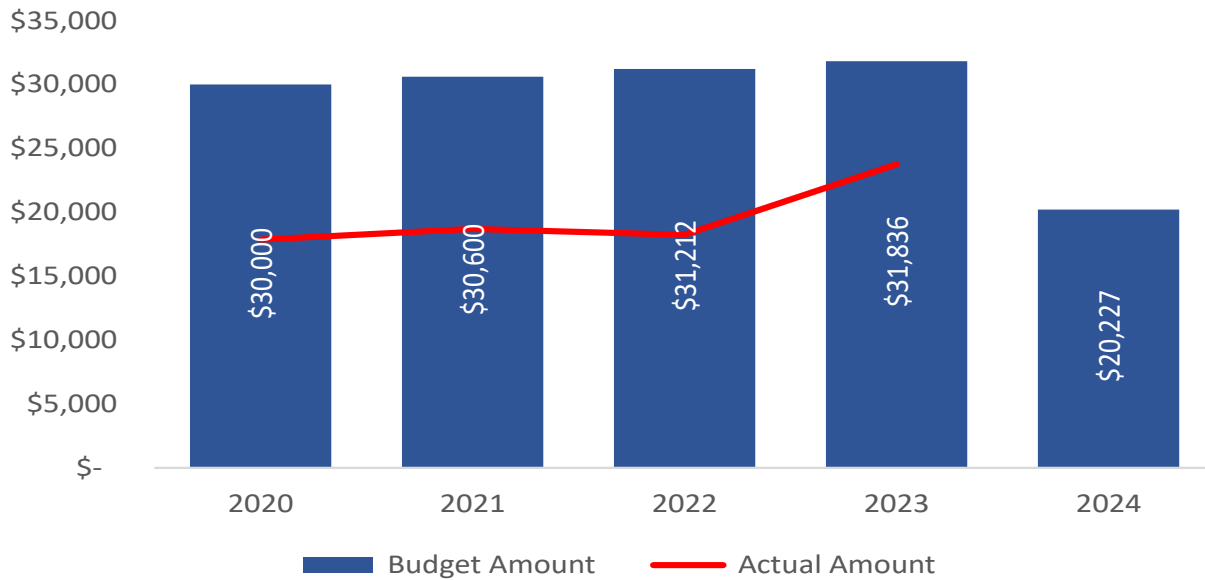
This budget category includes all costs related to membership dues and periodical subscriptions for the water division during the fiscal year.

Line Item Detail:

American Water Works Association (AWWA)	\$ 4,971
Association of San Bernardino County Special Districts	\$ 170
California Special Districts Association (CSDA)	\$ 3,965
California Water Environmental Association (CWEA)	\$ 3,042
California Water Efficiency Partnership (CalWEP)	\$ 1,773
Southwest Membrane Operator Association	\$ 1,490
Other Subscriptions	\$ 4,816
Total	\$ 20,227

2019-20 Actual	2020-21 Actual	2021-22 Actual	2022-23 Projected	2023-24 Budget
\$ 17,852	\$ 18,698	\$ 18,227	\$ 23,755	\$ 20,227

Budget vs. Actual



Water Division – Administrative Services Department

02-506-54005

Computer Expenses

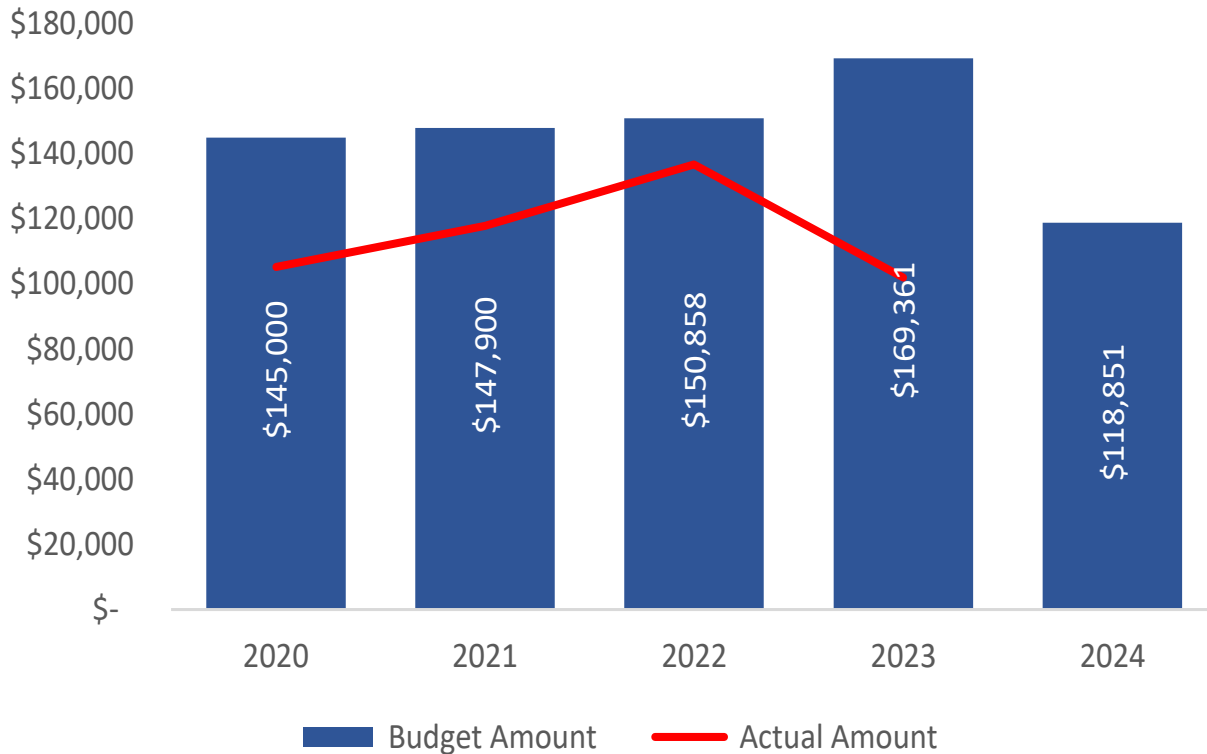
The District staff relies heavily upon the proper orientations and integration of our various computer systems. Therefore, this budget category includes the costs related to modifications and improvements in the operation of the computer systems.

Line Item Detail:

Computer and Network Maintenance	\$ 18,851
Hardware and Software	\$ 55,500
General Accounting and Customer Service Programs	\$ 44,500
Total	<u>\$ 118,851</u>

2019-20 Actual	2020-21 Actual	2021-22 Actual	2022-23 Projected	2023-24 Budget
\$ 105,265	\$ 117,901	\$ 136,698	\$ 101,955	\$ 118,851

Budget vs. Actual



Water Division – Administrative Services Department

02-506-54010

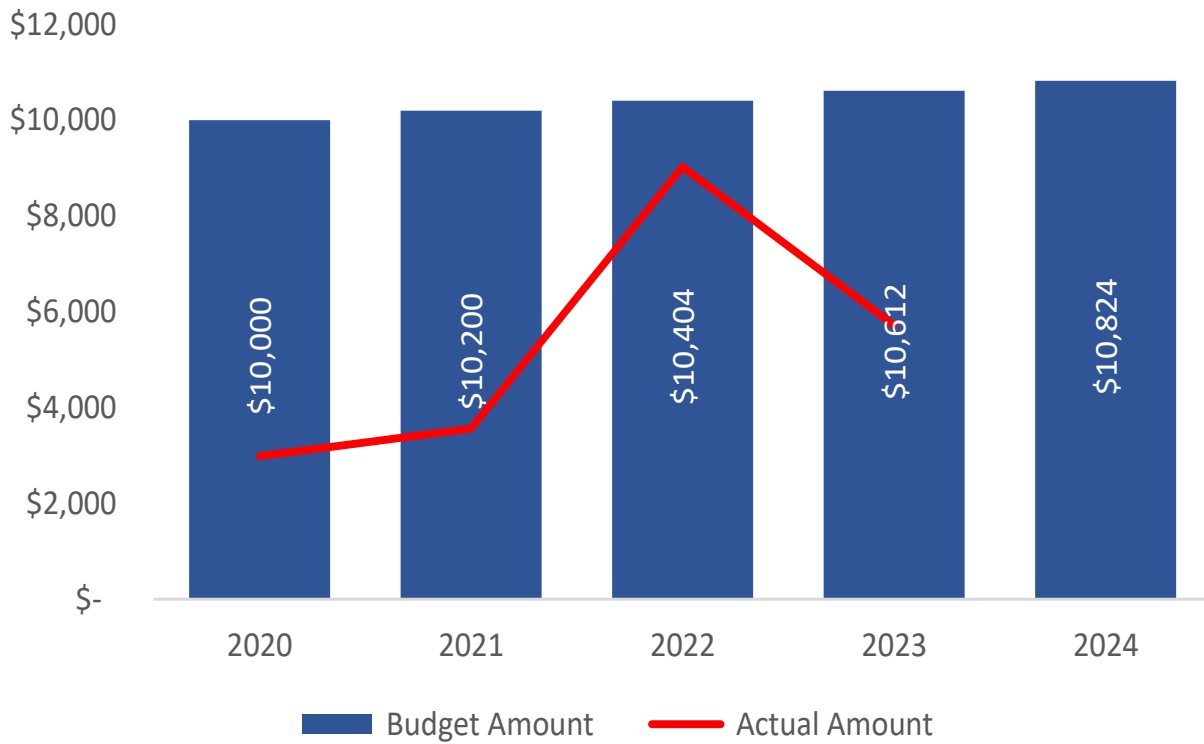
Postage

This budget category is used for the cost of postage, envelopes and other postage supplies.

In fiscal year 2022, District staff mailed multiple notices to customers regarding a change in the auto-pay system.

2019-20 Actual	2020-21 Actual	2021-22 Actual	2022-23 Projected	2023-24 Budget
\$ 2,989	\$ 3,563	\$ 9,021	\$ 5,721	\$ 10,824

Budget vs. Actual



Water Division – Administrative Services Department

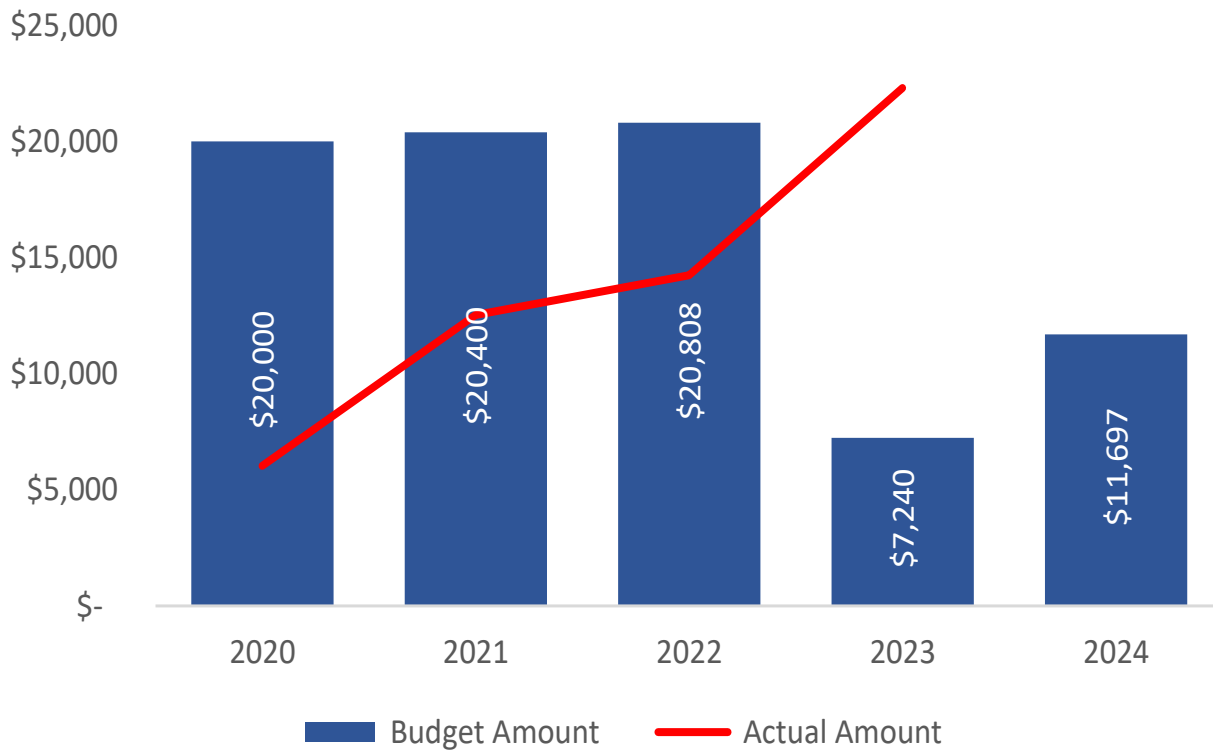
02-506-54012

Education & Training

This budget category was split in fiscal year 2020-21 to allocate funding to specific departments within the Water Division. This line item is used for all education and training for employees allocated to the Administrative Services Department. The budgeted amount is based on the allocation of staffing for this department.

2019-20 Actual	2020-21 Actual	2021-22 Actual	2022-23 Projected		2023-24 Budget
\$ 6,045	\$ 12,532	\$ 14,246	\$ 22,318		\$ 11,697

Budget vs. Actual



Water Division – Administrative Services Department

02-506-54013

Utility Billing Expenses

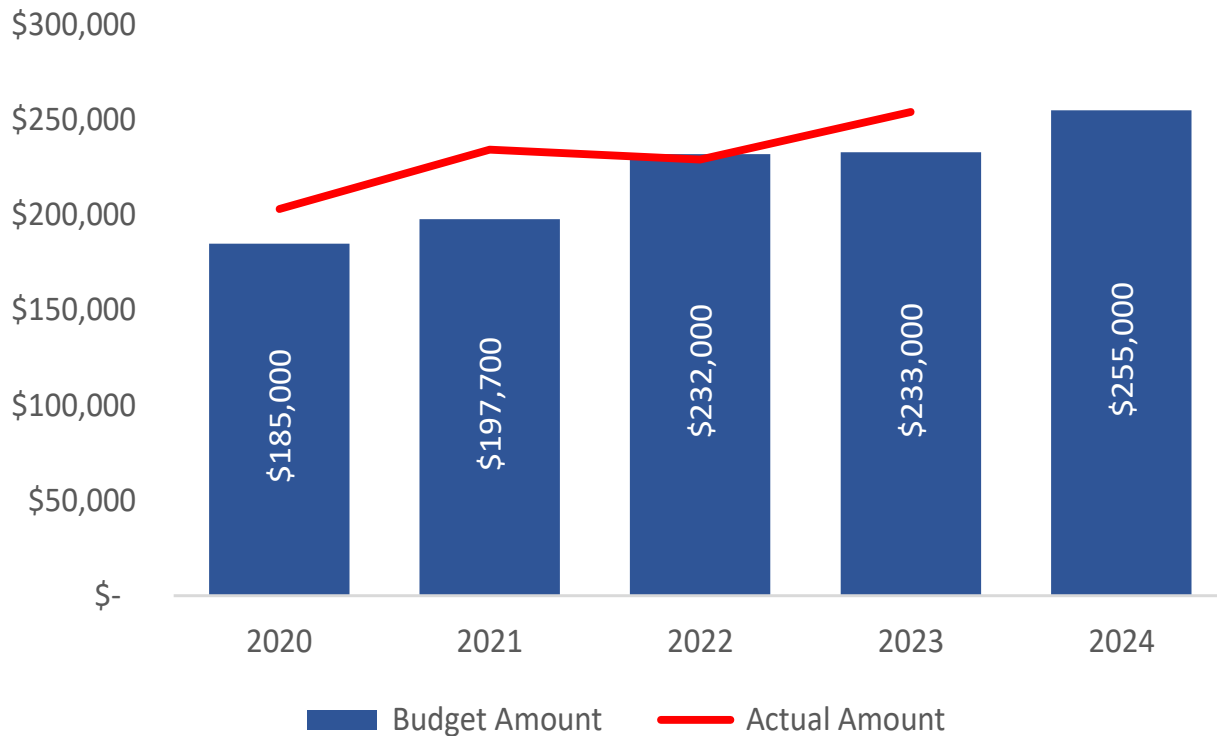
This budget category represents the costs associated with the production and collection of monthly customer invoices. The postage necessary to mail the monthly utility bills are included in this budget line item. The District waives the credit card fees charged to customers to encourage the use of alternative payment methods.

Line Item Detail:

Utility Billing Expenses	\$ 144,000
Credit Card Convenience Fees	\$ 111,000
Total	\$ 255,000

2019-20 Actual	2020-21 Actual	2021-22 Actual	2022-23 Projected		2023-24 Budget
\$ 203,185	\$ 234,205	\$ 229,160	\$ 254,088		\$ 255,000

Budget vs. Actual



Water Division – Administrative Services Department

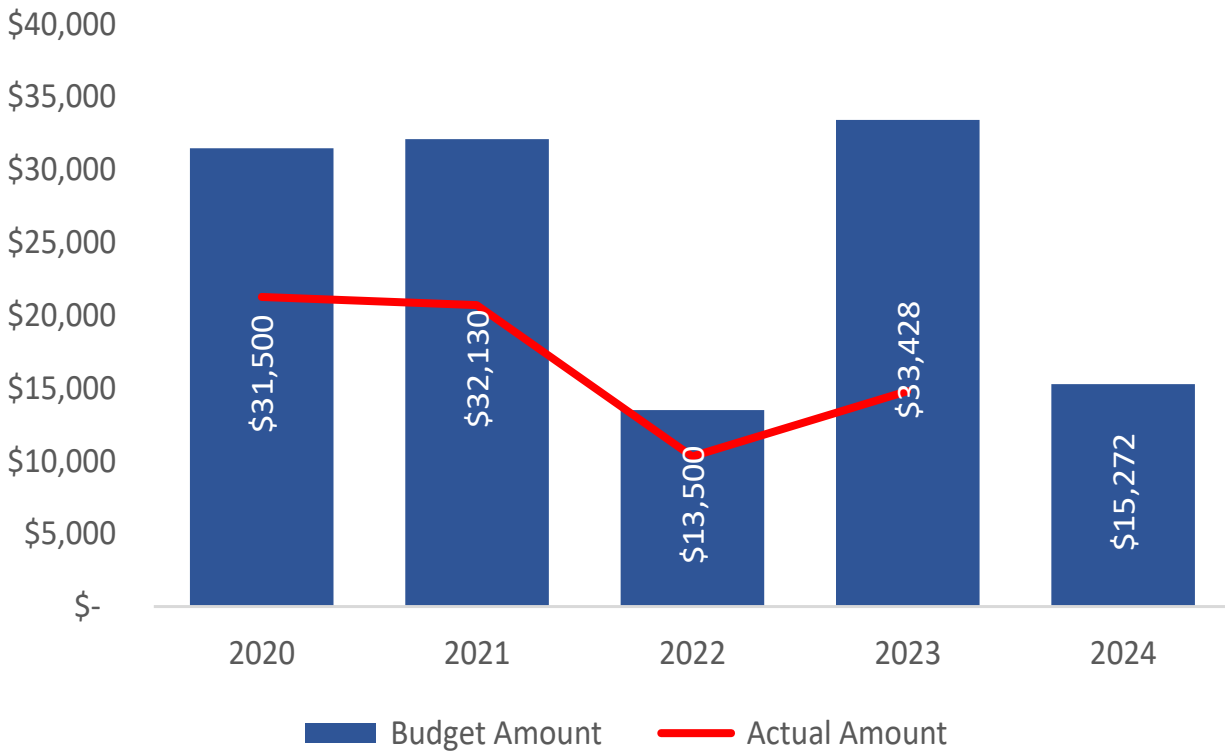
02-506-54014

Public Relations

This budget category represents the annual projected costs associated with public relations efforts which include public tours and tours for school children as well as all costs associated with printing business forms and public hearing notices and job announcements. The budget for fiscal year 2023-24 has been reduced based on trending.

2019-20 Actual	2020-21 Actual	2021-22 Actual	2022-23 Projected	2023-24 Budget
\$ 21,273	\$ 20,705	\$ 10,310	\$ 14,802	\$ 15,272

Budget vs. Actual



Water Division – Administrative Services Department

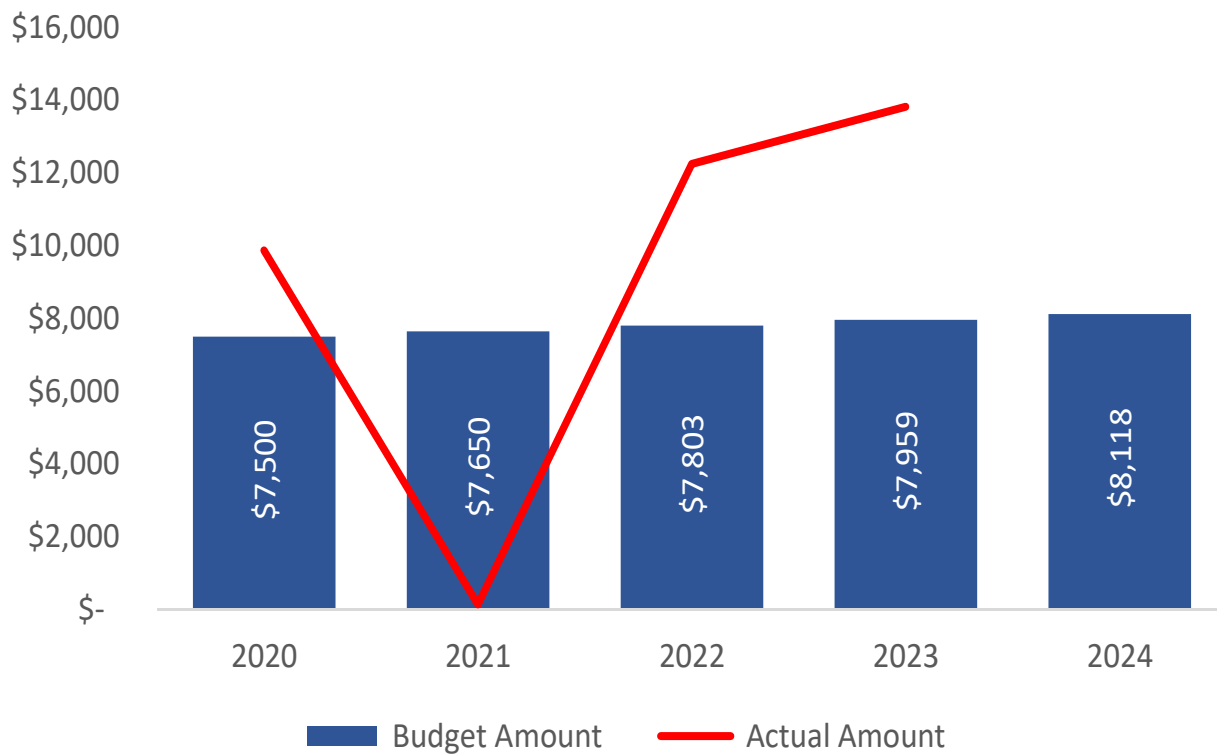
02-506-54016

Travel Related Expenses

This budget category includes travel related expenses associated with the Water Division.

2019-20 Actual	2020-21 Actual	2021-22 Actual	2022-23 Projected		2023-24 Budget
\$ 9,865	\$ 134	\$ 12,248	\$ 13,811		\$ 8,118

Budget vs. Actual



Water Division – Administrative Services Department

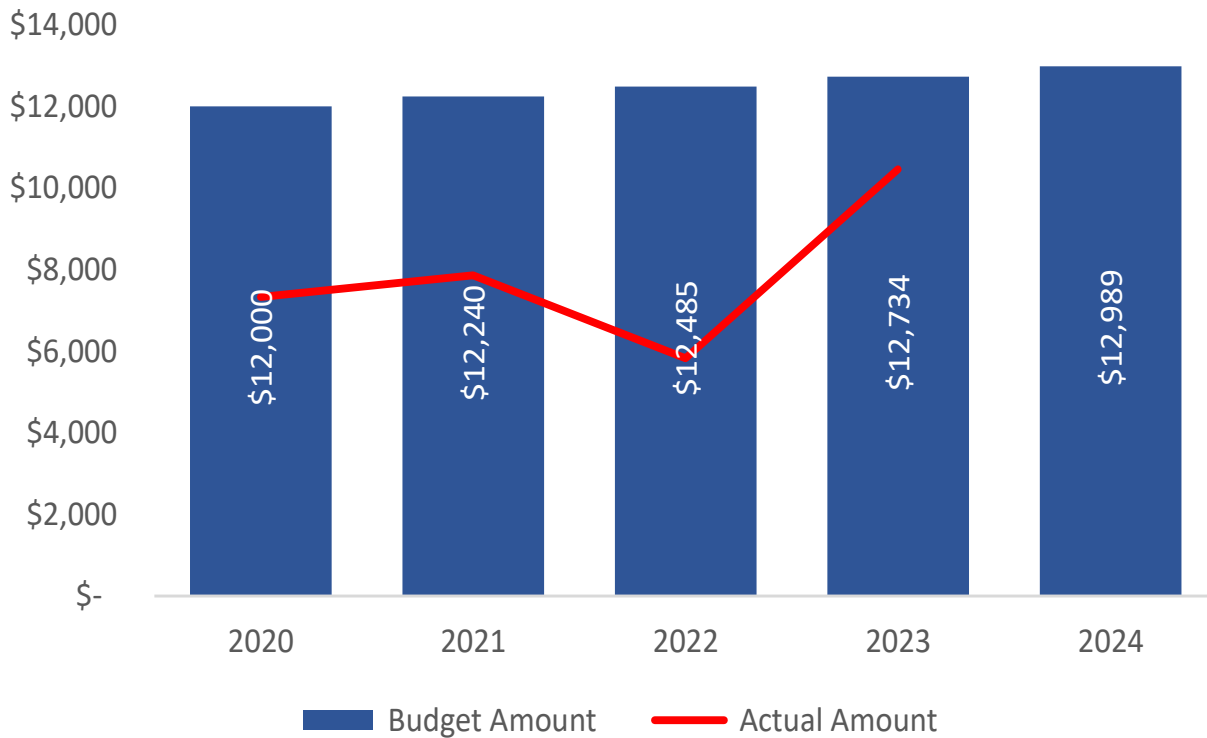
02-506-54017

Certifications & Renewals

This budget category is used for Water Division employee certifications.

2019-20 Actual	2020-21 Actual	2021-22 Actual	2022-23 Projected		2023-24 Budget
\$ 7,334	\$ 7,859	\$ 5,830	\$ 10,465		\$ 12,989

Budget vs. Actual



Water Division – Administrative Services Department

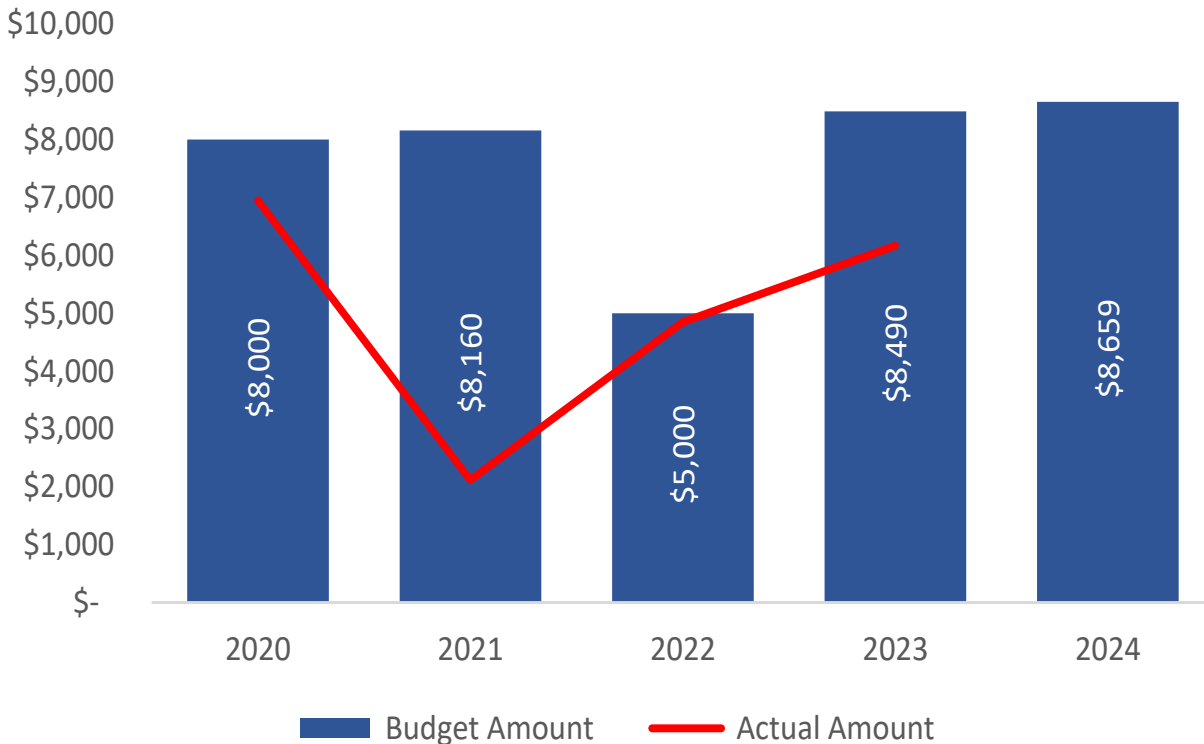
02-506-54020

Meeting Related Expenses

The District hosts numerous meetings throughout the year which include several regional meetings for water industry professionals. The budget category will be used for expenses related to meetings hosted or attended by the District for water related functions.

2019-20 Actual	2020-21 Actual	2021-22 Actual	2022-23 Projected		2023-24 Budget
\$ 6,950	\$ 2,120	\$ 4,845	\$ 6,166		\$ 8,659

Budget vs. Actual



Water Division – Administrative Services Department

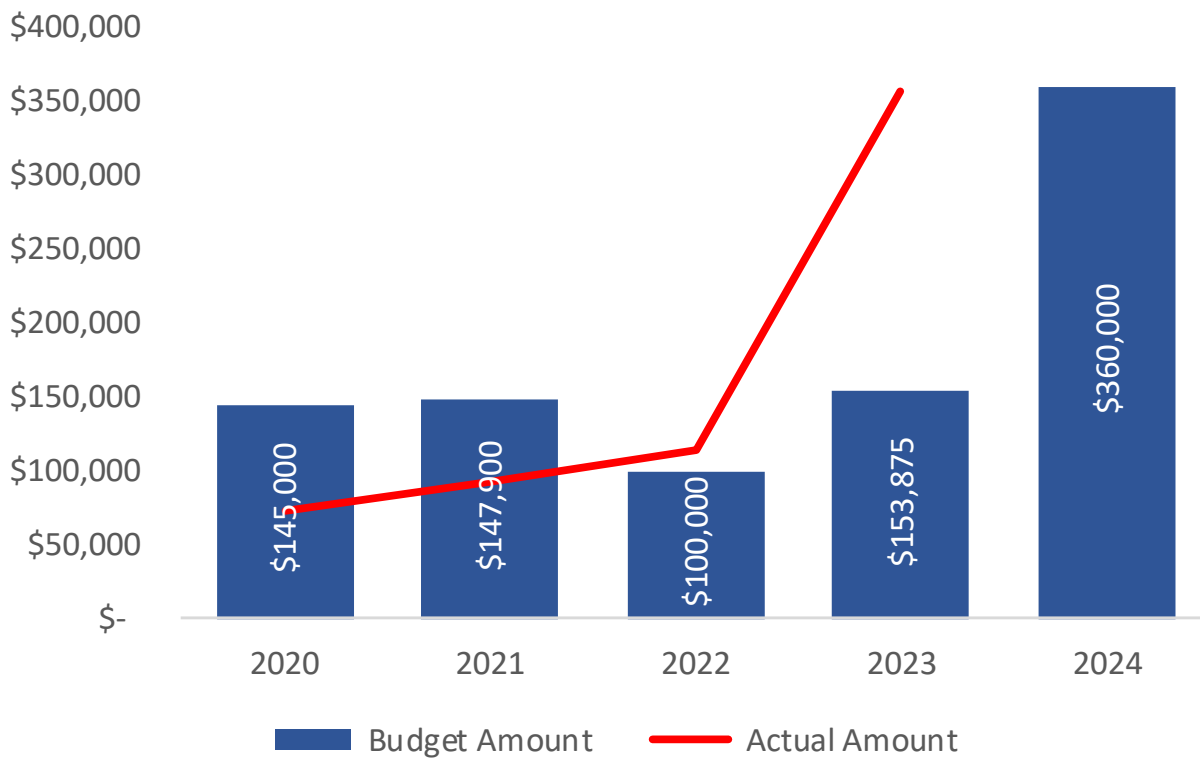
02-506-54022

Utilities – YVWD Services

This budget category is used for YVWD drinking water and sewer charges billed to the District.

2019-20 Actual	2020-21 Actual	2021-22 Actual	2022-23 Projected	2023-24 Budget
\$ 73,390	\$ 93,171	\$ 114,221	\$ 356,645	\$ 360,000

Budget vs. Actual



Water Division – Administrative Services Department

02-506-54024

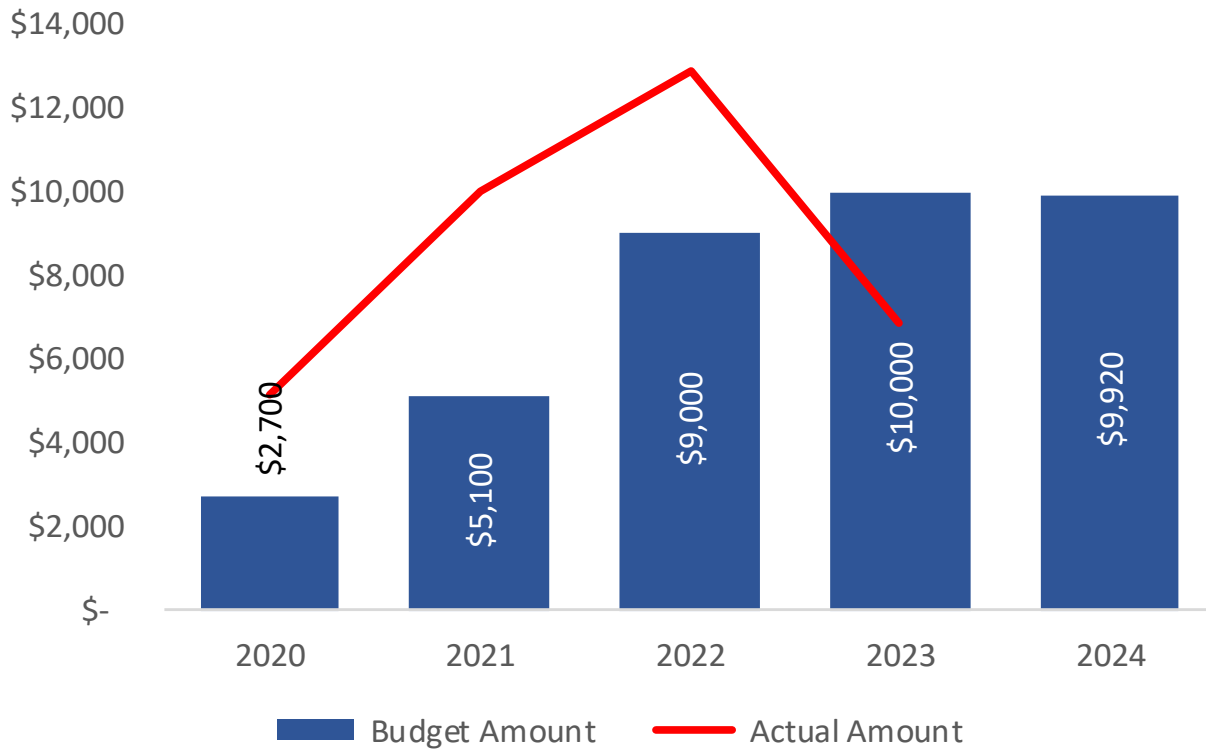
Waste Disposal

This budget category represents the costs associated with waste disposal by the departments in the Water Division.

In fiscal years 2021 and 2022, District staff requested additional trash services/bins as a result of cleaning and re-organizing projects.

2019-20 Actual	2020-21 Actual	2021-22 Actual	2022-23 Projected	2023-24 Budget
\$ 5,130	\$ 9,990	\$ 12,879	\$ 6,893	\$ 9,920

Budget vs. Actual



Water Division – Administrative Services Department

02-506-54025

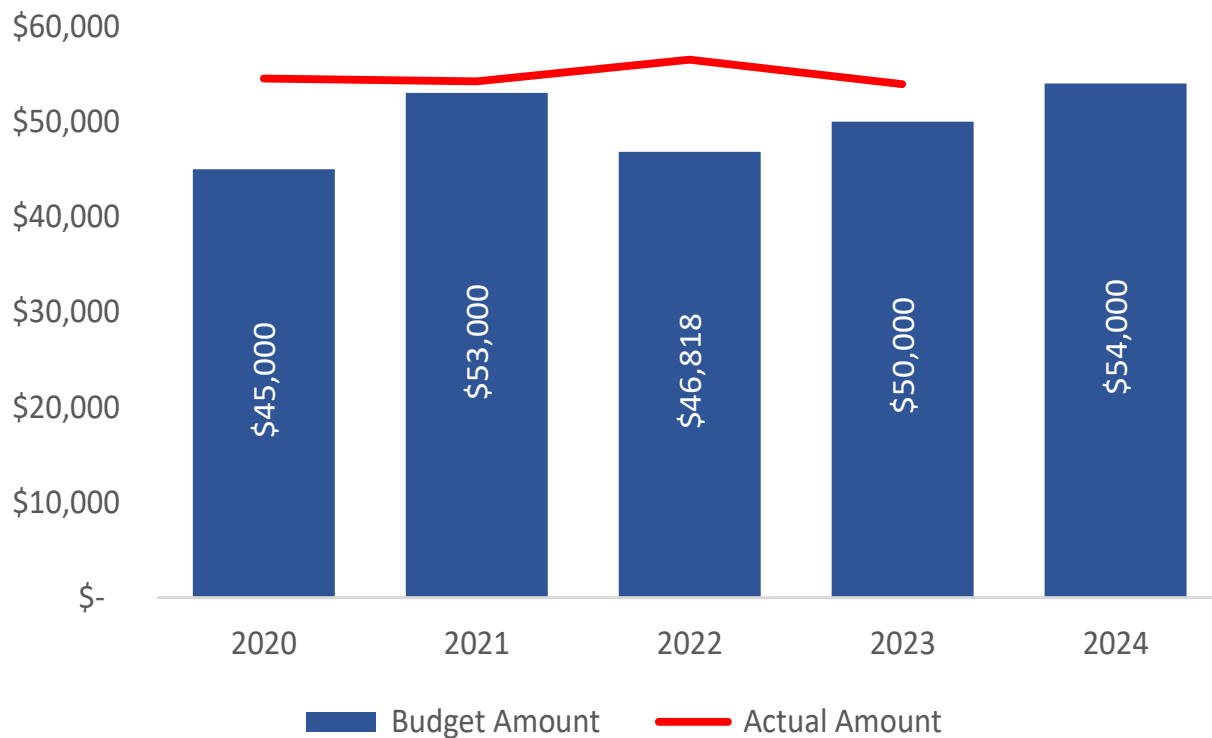
Telephone & Internet

This budget category was split in fiscal year 2020-21 to allocate funding to specific departments within the Water Division. This line item is used for telephone and internet costs allocated to the Administrative Services Department.

2019-20 Actual	2020-21 Actual	2021-22 Actual	2022-23 Projected
\$ 54,521	\$ 54,230	\$ 56,536	\$ 53,952

2023-24 Budget
\$ 54,000

Budget vs. Actual



Water Division – Administrative Services Department

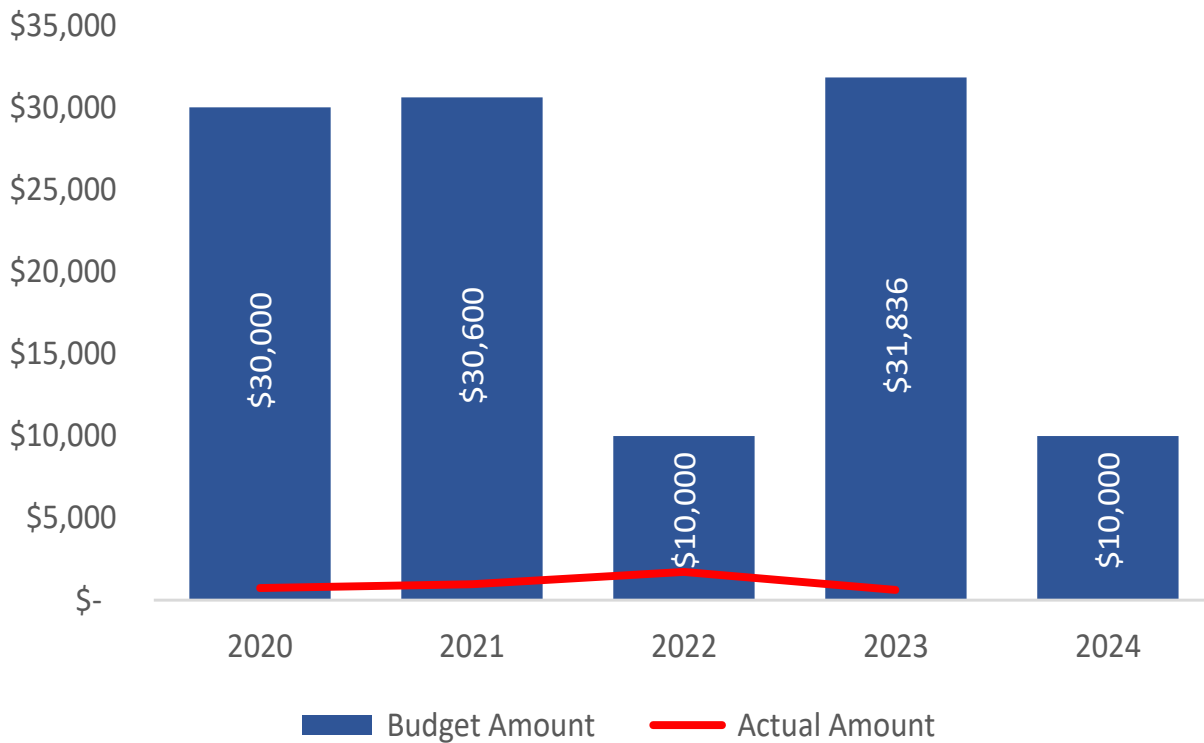
02-506-54099

Conservation & Rebates

This budget category represents the costs associated with the May 5, 2015, the State Water Resources Control Board adopted emergency regulations to achieve a statewide 25% reduction in drinking water urban use. These stringent drinking water use regulations required YVWD to achieve a 36% reduction from the amount of drinking water produced in 2013. Going forward, this category will be associated with water conservation in anticipation of future drought conditions.

2019-20 Actual	2020-21 Actual	2021-22 Actual	2022-23 Projected		2023-24 Budget
\$ 750	\$ 971	\$ 1,728	\$ 612		\$ 10,000

Budget vs. Actual



Water Division – Administrative Services Department

02-506-54104

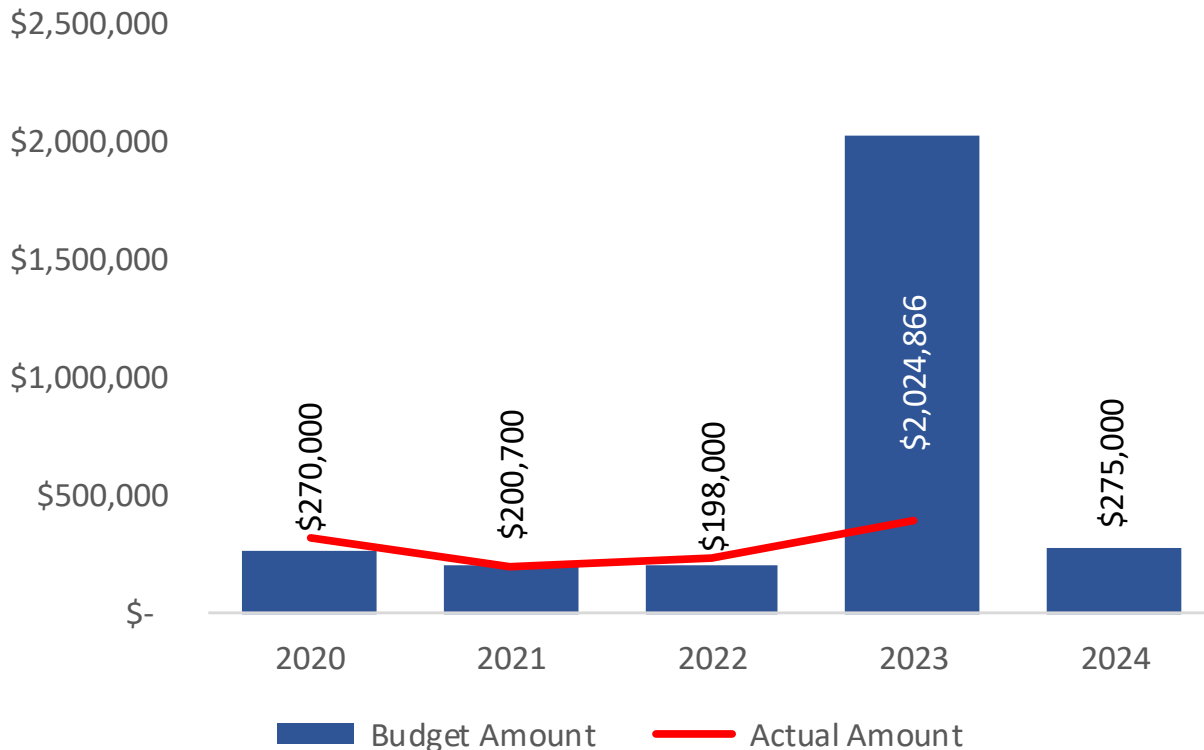
Contractual Services

This budget category includes all contract service costs for equipment and services within the Water Division. These services include building security monitoring, copier maintenance, GIS maintenance, printer maintenance, answering service, landscape services, APN database, underground service alert, pest control and janitorial services.

In fiscal year 2022-23, the District budgeted for the anticipated expenses for the Calimesa Regional Recycled Water pipeline. However, this was actually a capital project and was not accounted for in this account. The budget for fiscal year 2023-24 was reduced to be more inline with ongoing expenses.

2019-20 Actual	2020-21 Actual	2021-22 Actual	2022-23 Projected	2023-24 Budget
\$ 321,086	\$ 195,471	\$ 239,488	\$ 398,554	\$ 275,000

Budget vs. Actual



Water Division – Administrative Services Department

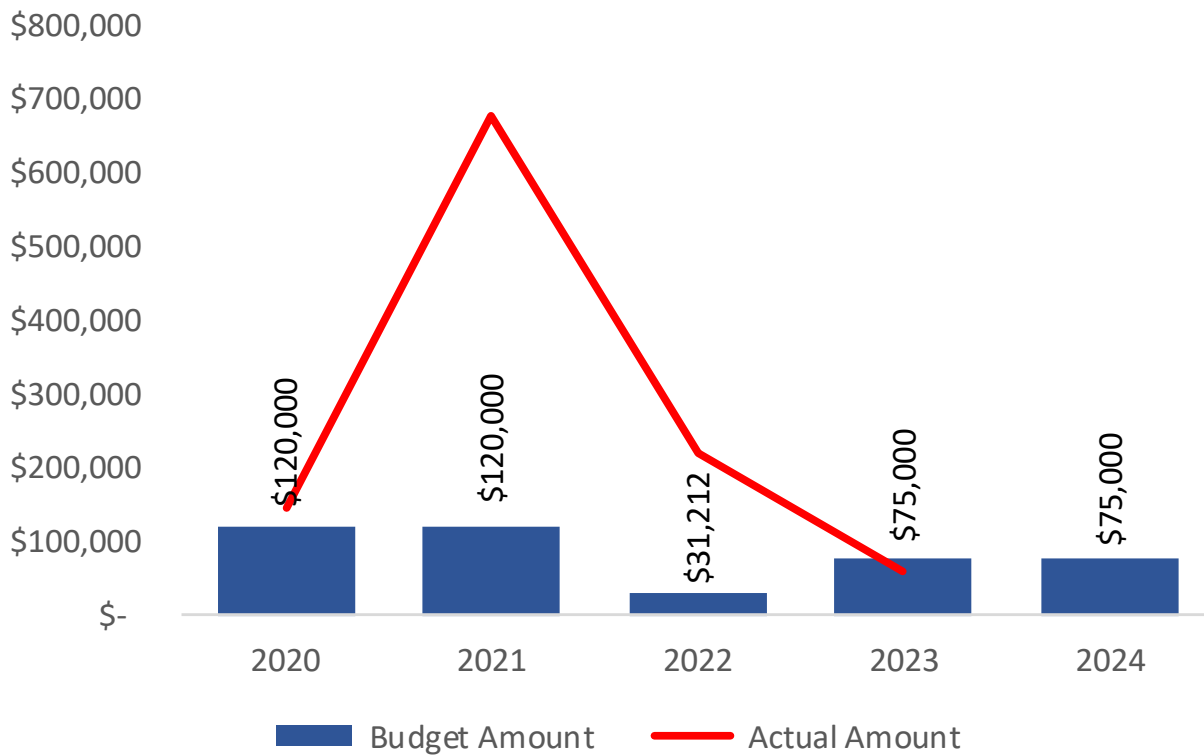
02-506-54107

Legal

This budget category is used for all drinking water related legal costs. Legal fees related to sewer issues will be expensed to the sewer budget (03-506-54107) and legal fees related to recycled water issues will be expensed to the recycled water budget (04-506-54107). In fiscal year 2021 there were additional legal expenses for various litigation compared to prior years.

2019-20 Actual	2020-21 Actual	2021-22 Actual	2022-23 Projected		2023-24 Budget
\$ 144,649	\$ 677,055	\$ 220,422	\$ 59,208		\$ 75,000

Budget vs. Actual



Water Division – Administrative Services Department

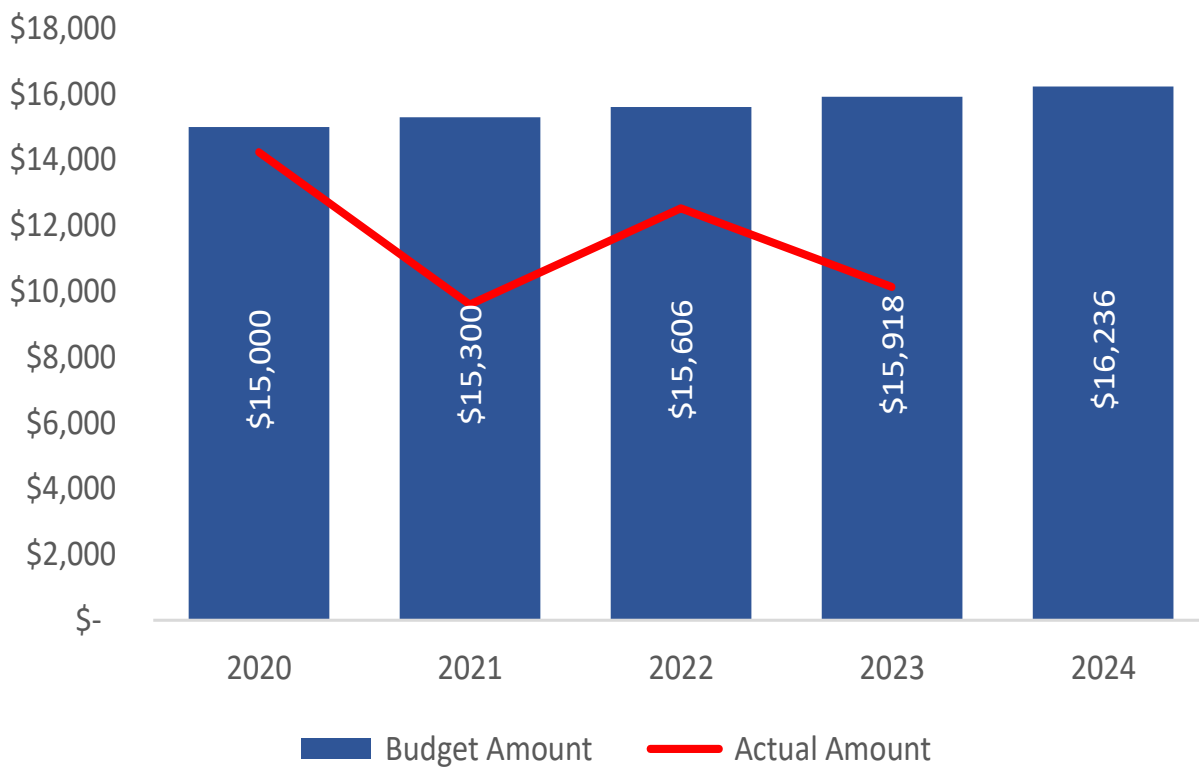
02-506-54108

Audit & Accounting

This budget category is used for audit services incurred during the fiscal year.

2019-20 Actual	2020-21 Actual	2021-22 Actual	2022-23 Projected	2023-24 Budget
\$ 14,232	\$ 9,600	\$ 12,529	\$ 10,139	\$ 16,236

Budget vs. Actual



Water Division – Administrative Services Department

02-506-54109

Professional Fees

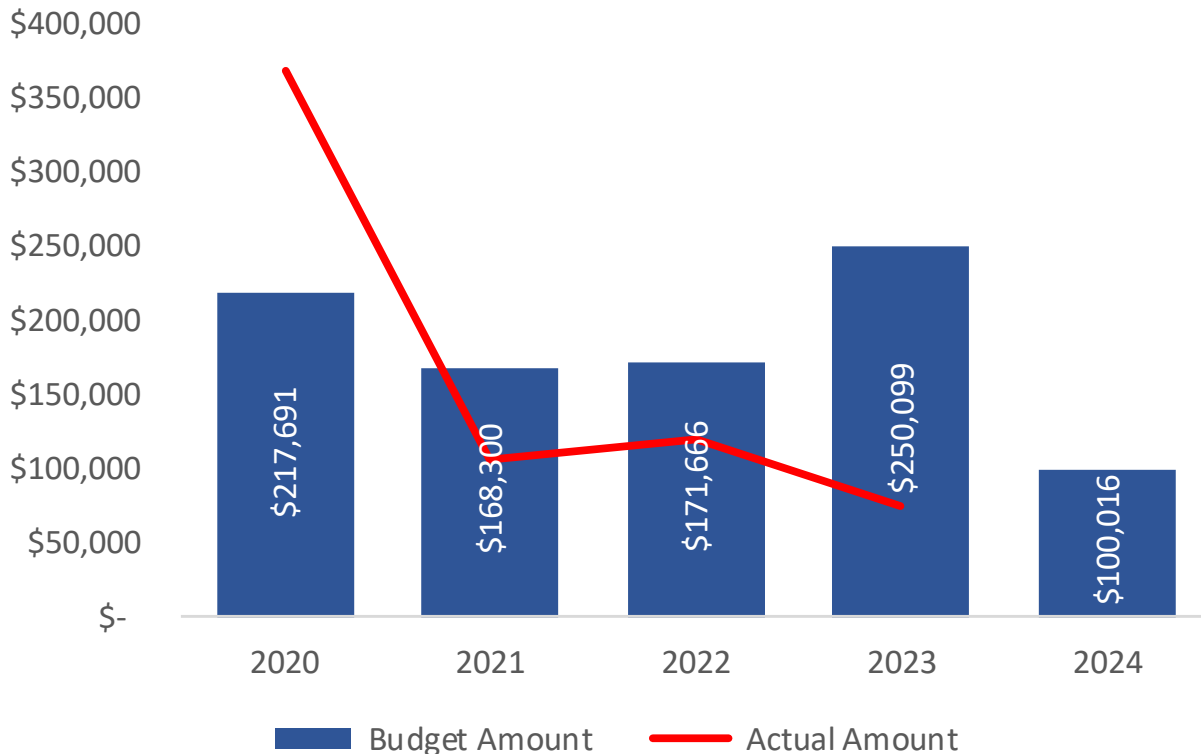
This budget category represents the annual costs associated with professional fees for the Water Division. This category will generally be used for labor consulting, legislative consulting, property appraisals, surveying and specialized engineering studies. In fiscal year 2022-23, the District budgeted for the expenses associated with the Small-Scale Water Grant which are now anticipated to impact fiscal year 2023-24.

Line Item Detail:

Engineering Services	\$ 9,000
Labor Consulting Services	\$ 10,000
Basin Monitoring Services	\$ 25,000
Financial Consulting Services	\$ 12,000
Other Consulting	\$ 22,016
Legislative Consulting Services	\$ 22,000
Total	\$ 100,016

2019-20 Actual	2020-21 Actual	2021-22 Actual	2022-23 Projected	2023-24 Budget
\$ 369,533	\$ 104,989	\$ 120,312	\$ 74,748	\$ 100,016

Budget vs. Actual



Water Division – Administrative Services Department

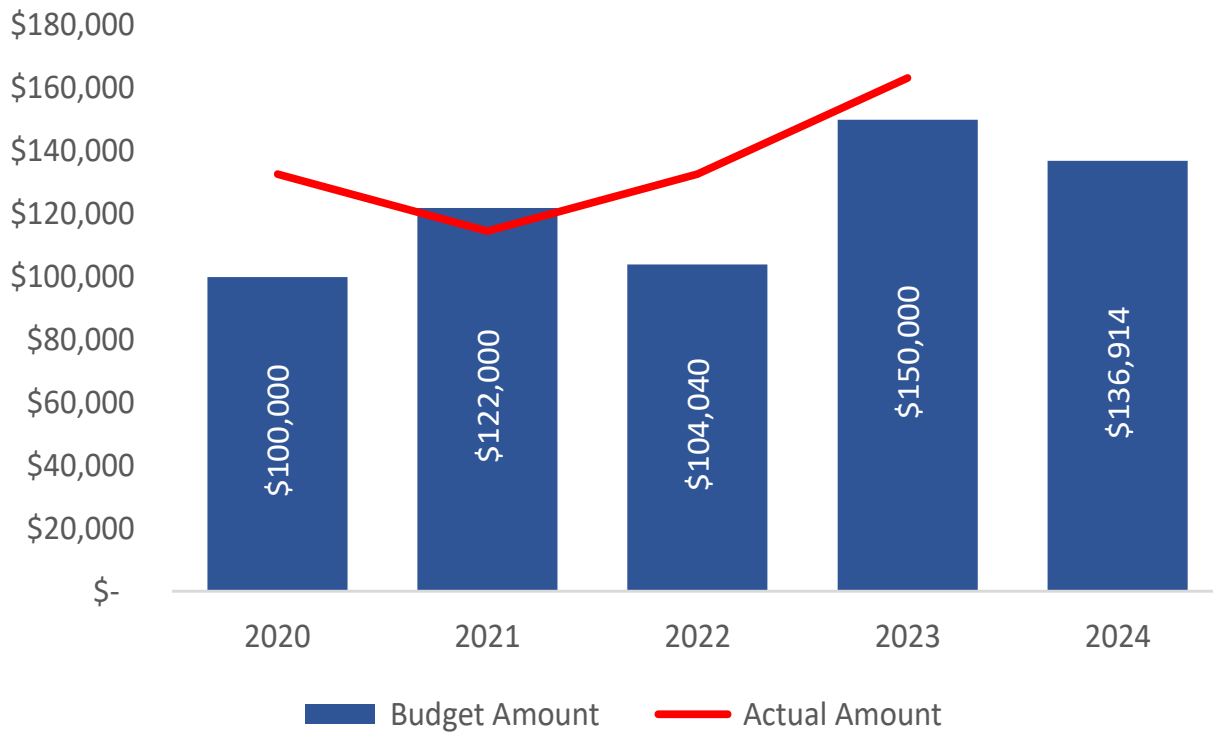
02-506-56001

Insurance

This budget category represents the annual projected costs associated with insurance coverage related to general, auto, and property insurance. Costs incurred related to small claims are also assigned to this line item.

2019-20 Actual	2020-21 Actual	2021-22 Actual	2022-23 Projected	2023-24 Budget
\$ 132,750	\$ 114,588	\$ 132,777	\$ 163,376	\$ 136,914

Budget vs. Actual



Water Division – Administrative Services Department

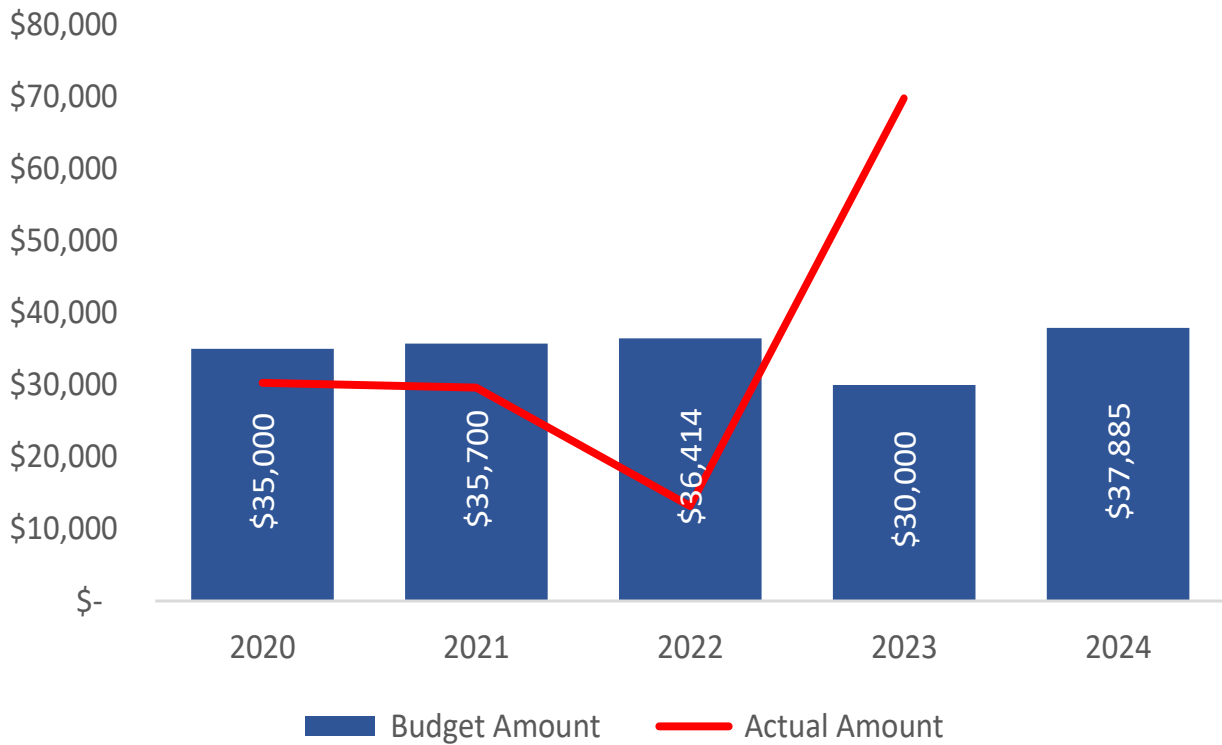
02-506-57030

Regulatory Compliance

This budget category is used for regulatory compliance expenses for the Water Division which include the annual water audit as well as items related to the monitoring wells for maximum benefit monitoring program.

2019-20 Actual	2020-21 Actual	2021-22 Actual	2022-23 Projected		2023-24 Budget
\$ 30,275	\$ 29,633	\$ 13,153	\$ 69,747		\$ 37,885

Budget vs. Actual



Water Division – Administrative Services Department

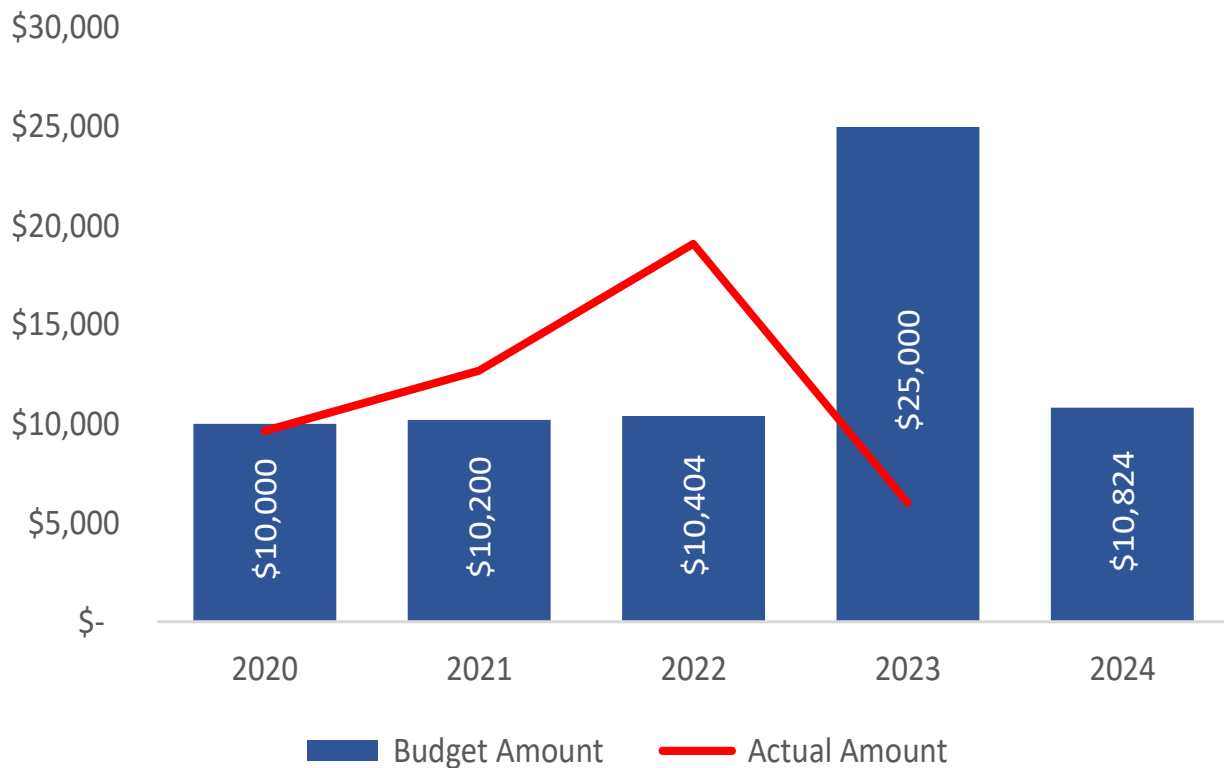
02-506-57095

Yucaipa SGMA

This budget category is used for expenses related to the Yucaipa Sustainable Groundwater Management Agency (SGMA). This account was created in fiscal year 2019-20.

2019-20 Actual	2020-21 Actual	2021-22 Actual	2022-23 Projected	2023-24 Budget
\$ 9,655	\$ 12,679	\$ 19,098	\$ 5,994	\$ 10,824

Budget vs. Actual



Water Division – Administrative Services Department

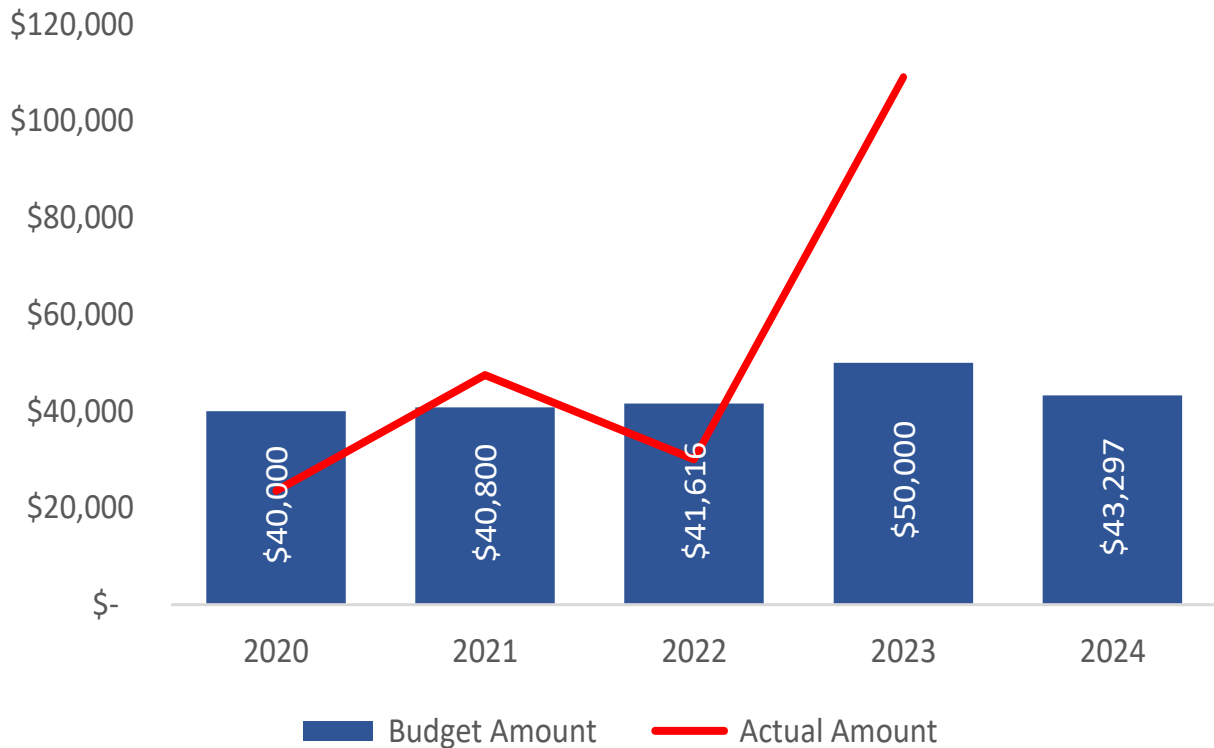
02-506-57096

Beaumont Basin Watermaster

This budget category is used for expenses related to the Beaumont Basin Watermaster. The increased expenses for fiscal year 2022-23 are related to the District’s portion of costs for the professional engineering services for the watermaster.

2019-20 Actual	2020-21 Actual	2021-22 Actual	2022-23 Projected		2023-24 Budget
\$ 23,498	\$ 47,434	\$ 30,055	\$ 109,113		\$ 43,297

Budget vs. Actual



Water Division – Administrative Services Department

02-506-57097

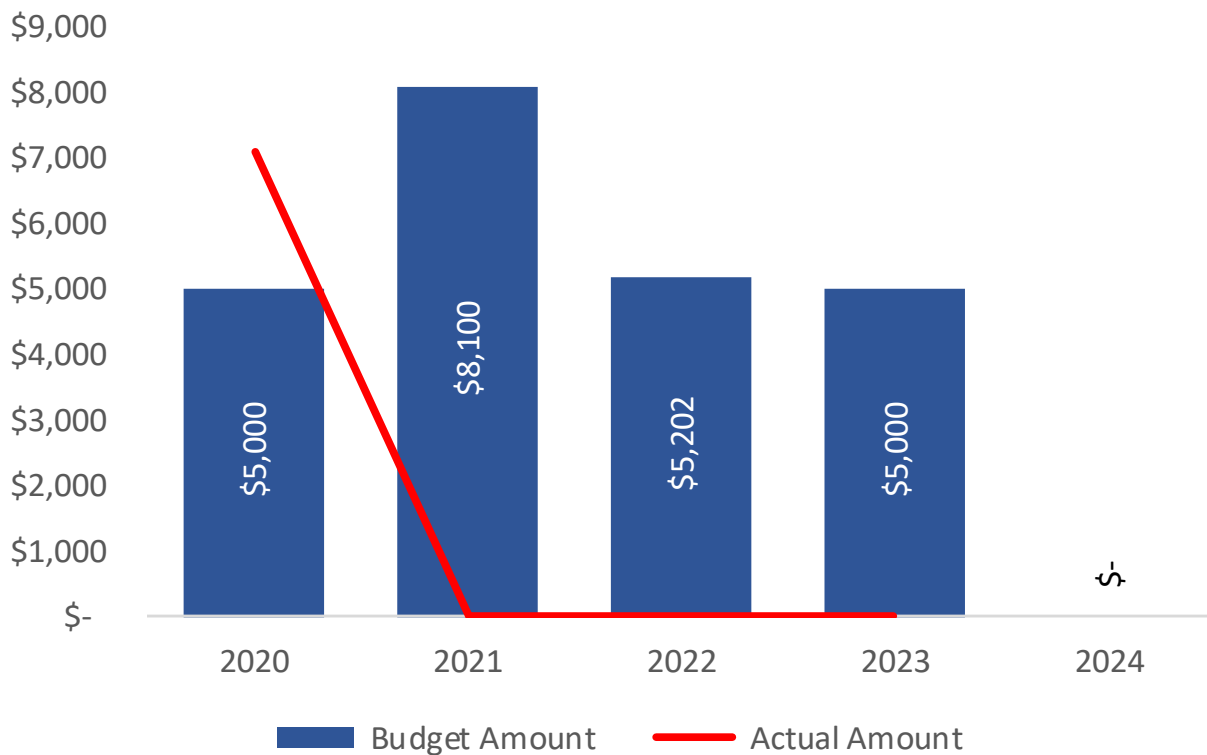
San Timoteo SGMA

This budget category is used for expenses related to the San Timoteo Sustainable Groundwater Management Agency (SGMA). This was a newly budgeted line item in fiscal year 2019-20.

2019-20 Actual	2020-21 Actual	2021-22 Actual	2022-23 Projected
\$ 7,100	\$ -	\$ -	\$ -

2023-24 Budget
\$ -

Budget vs. Actual



Water Division – Administrative Services Department

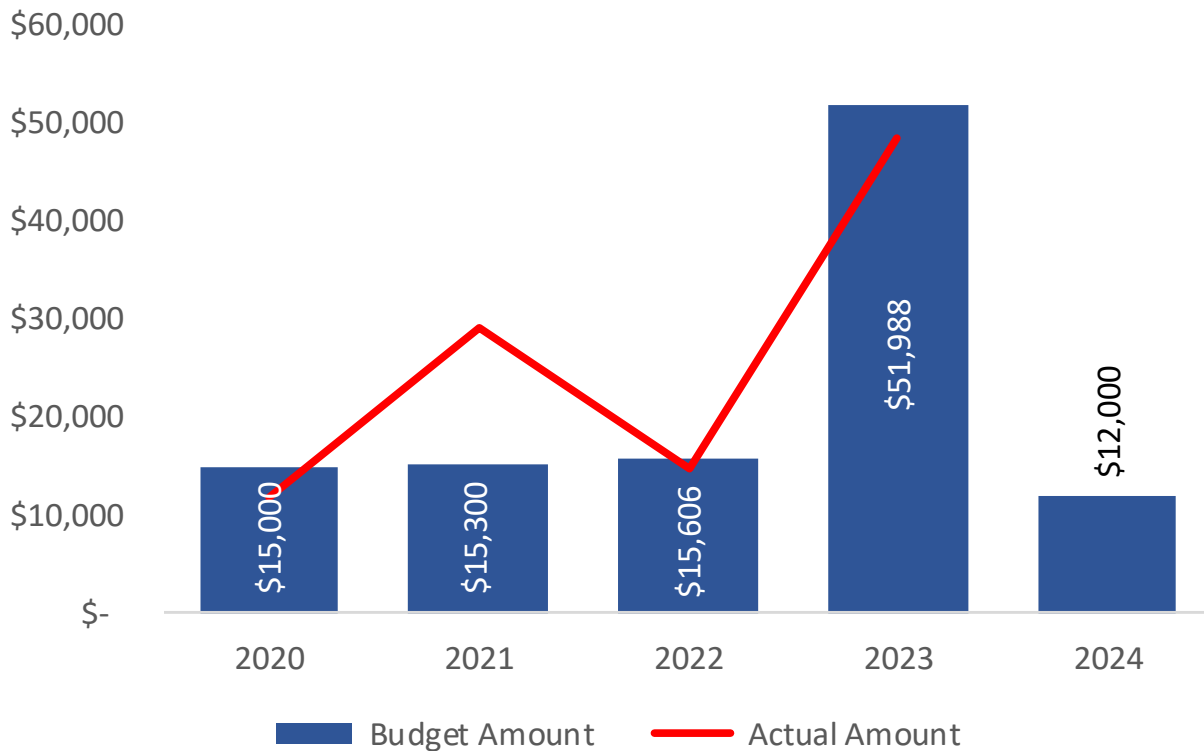
02-506-57098

Bunker Hill GSC

This budget category is used for expenses related to the Bunker Hill Groundwater Sustainability Council. This was a newly budget line item in fiscal year 2019-20. The expenses for fiscal year 2022-23 related to the District’s share of the costs for the conjunctive use study are not anticipated to be ongoing.

2019-20 Actual	2020-21 Actual	2021-22 Actual	2022-23 Projected	2023-24 Budget
\$ 11,847	\$ 29,159	\$ 14,834	\$ 48,487	\$ 12,000

Budget vs. Actual

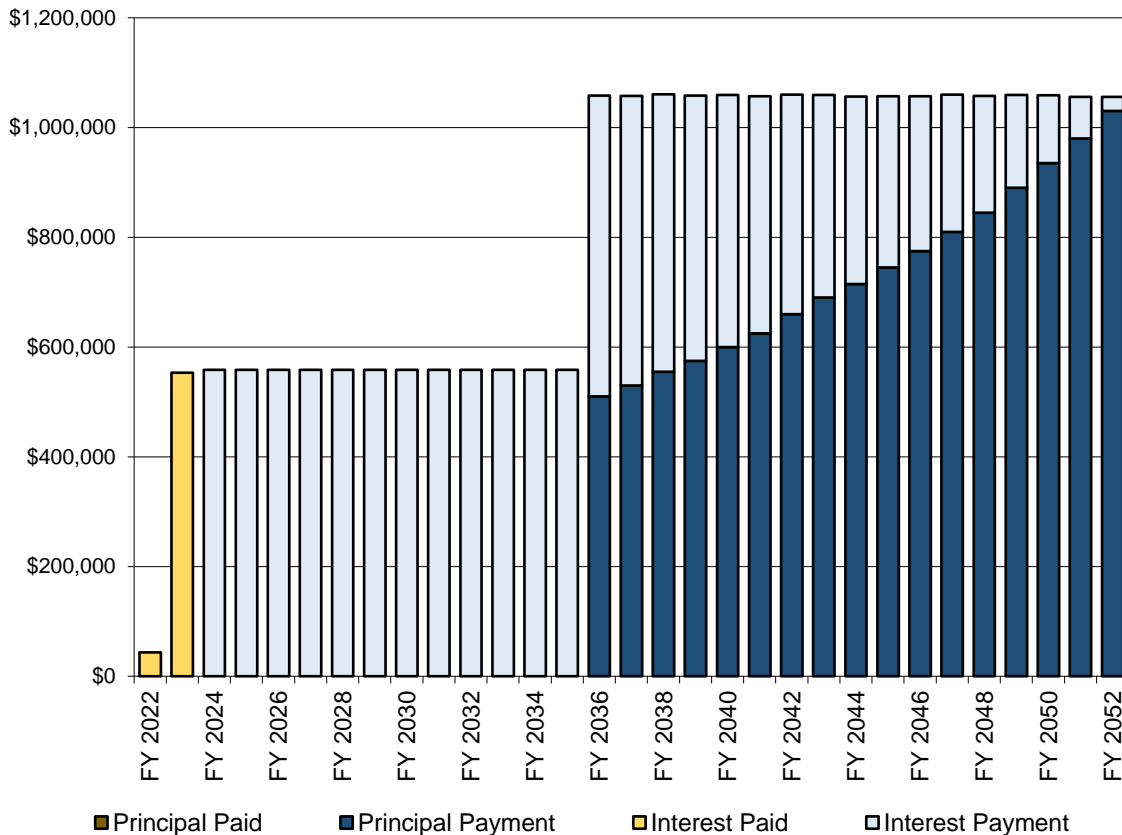


Water Division Debt Service

On December 4, 2021, the Yucaipa Valley Water District Financing Authority (“YVWD Financing Authority”) was established as a nonprofit public benefit authority for the purpose of buying, selling, leasing, using property and to incur indebtedness for public purposes. In February 2022, the YVWD Financing Authority issued the Series 2022A Revenue Bonds (Tax Exempt) to refinance existing debt for the Wochholz Regional Water Recycling Facility and provide funds for various water facility projects and the Series 2022B Refunding Revenue Bonds to refinance existing debt for the Yucaipa Valley Regional Water Filtration Facility. Portions of both the Series 2022A and 2022B Bonds will result in expenditures from the Drinking Water Debt Service portion of the operating budget.

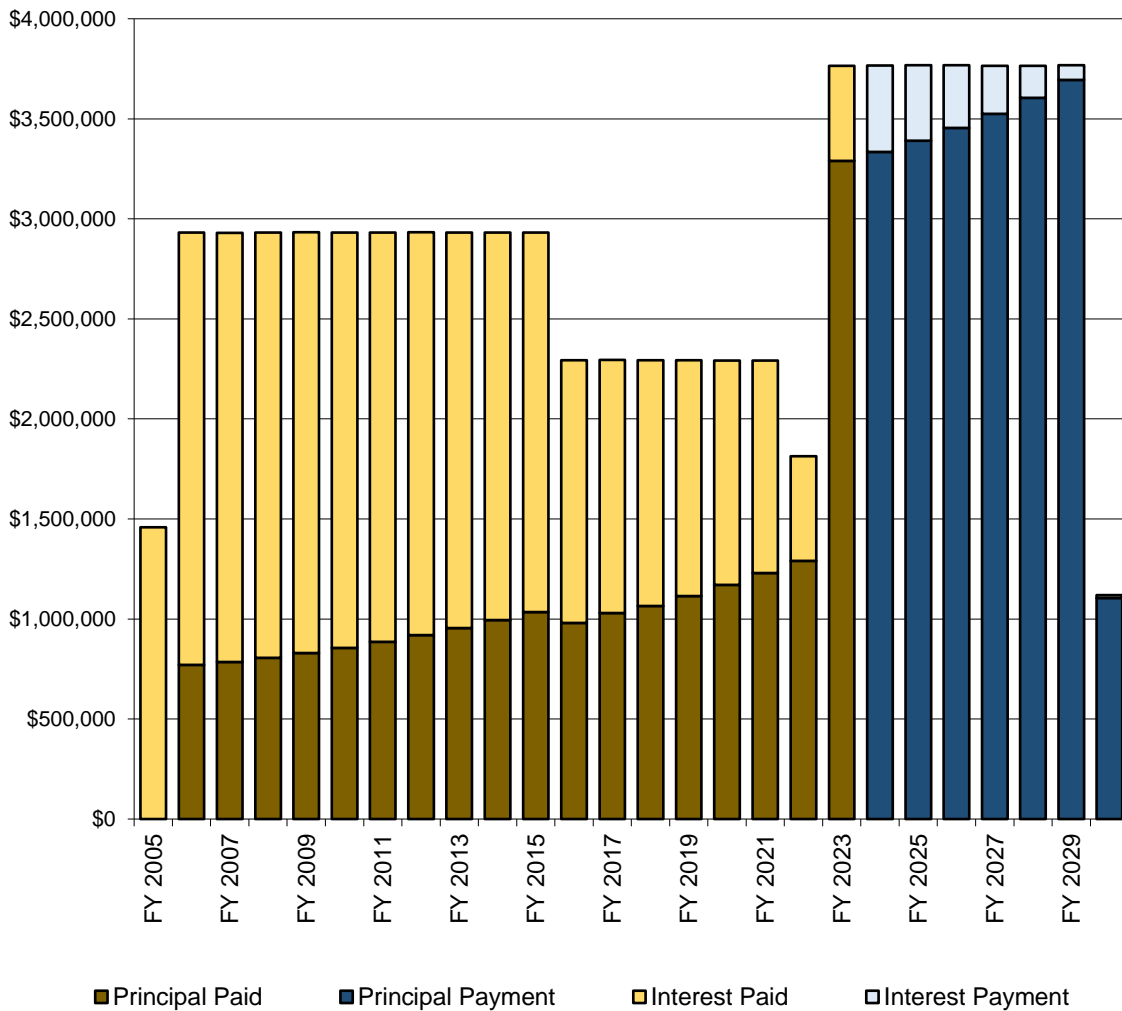
Series 2022A Revenue Bonds (Tax Exempt)

In February 2022, the YVWD Financing Authority issued the Series 2022A Bonds to provide funds to (i) finance the acquisition of certain capital improvements to the Yucaipa Valley Water District’s Water System, (ii) prepay certain outstanding loans with the California State Water Resources Control Board, and (iii) pay the costs of issuance for the Series 2022A Bonds. The principal amount of the Series 2022A Bonds is \$34,684,000. The following illustration provides a summary of the principal and interest payments for the Water Division through the full term of the financing.



Series 2022B Refunding Revenue Bonds (Taxable)

In February 2022, the YVWD Financing Authority issued the Series 2022B Bonds to provide funds to (i) refund all of the outstanding 2015 Bonds and (ii) pay the costs of issuance for the Series 2022B Bonds. The principal amount of the Series 2022B Bonds is \$25,400,000. The following schedule provides a summary of the principal and interest payments through the full term of the financing together with the previous Series 2015A Water System Refunding Revenue Bonds .



Water Division – Debt Service

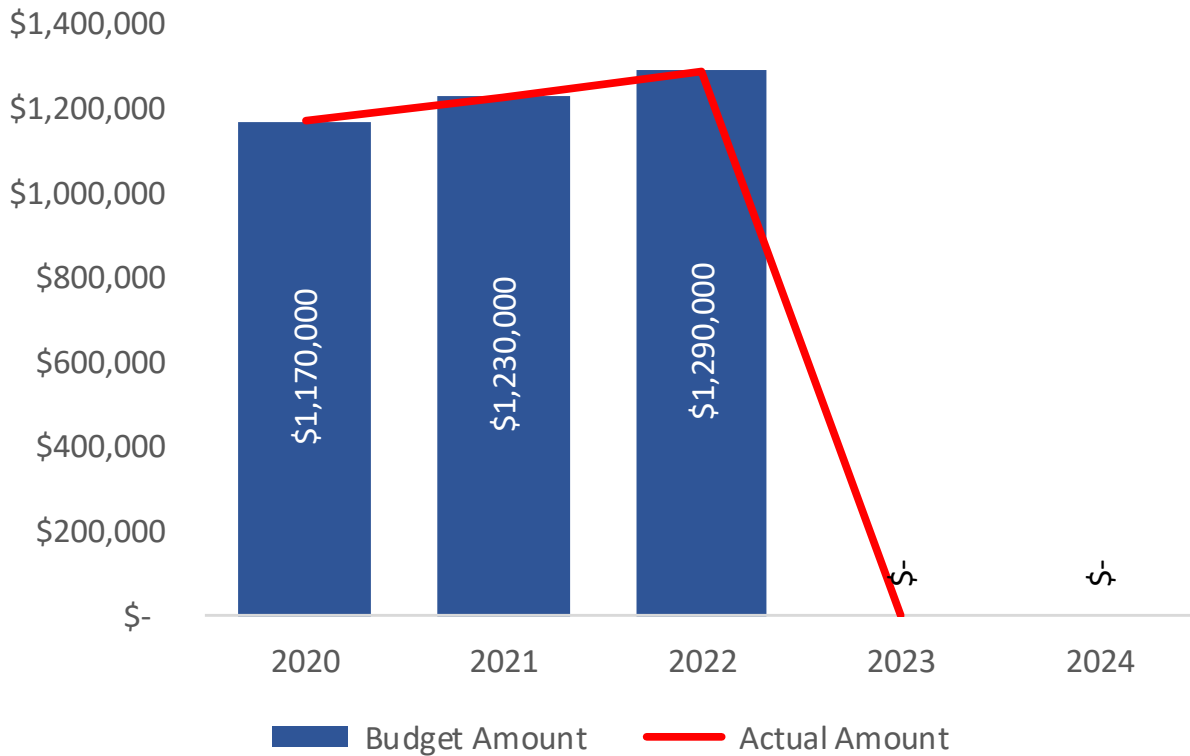
02-540-57201

Debt Service Principal – 2015A

This budget category is used for expenses related to the principal payment of the original 2004A Water System Revenue Bonds and the 2015A Water System Refunding Revenue Bonds. Since the 2015A Water System Refunding Revenue Bonds were refinanced in February 2022 this budget line item will be discontinued this budget cycle.

2019-20 Actual	2020-21 Actual	2021-22 Actual	2022-23 Projected		2023-24 Budget
\$ 1,170,000	\$ 1,230,000	\$ 1,290,000	\$ -		\$ -

Budget vs. Actual



Water Division – Debt Service

02-540-57207

Debt Service Principal – 2022A

This budget category is used for expenses related to the principal payment of the Series 2022A Bonds which were issued to (i) finance the acquisition of certain capital improvements to the Yucaipa Valley Water District’s Water System, (ii) prepay certain outstanding loans with the California State Water Resources Control Board, and (iii) pay the costs of issuance for the Series 2022A Bonds. The principal amount of the Series 2022A Bonds is \$34,684,000.

2019-20 Actual	2020-21 Actual	2021-22 Actual	2022-23 Projected		2023-24 Budget
\$ -	\$ -	\$ -	\$ -		\$ -

This bond will not have a principal payment due until fiscal year 2036.

Water Division – Debt Service

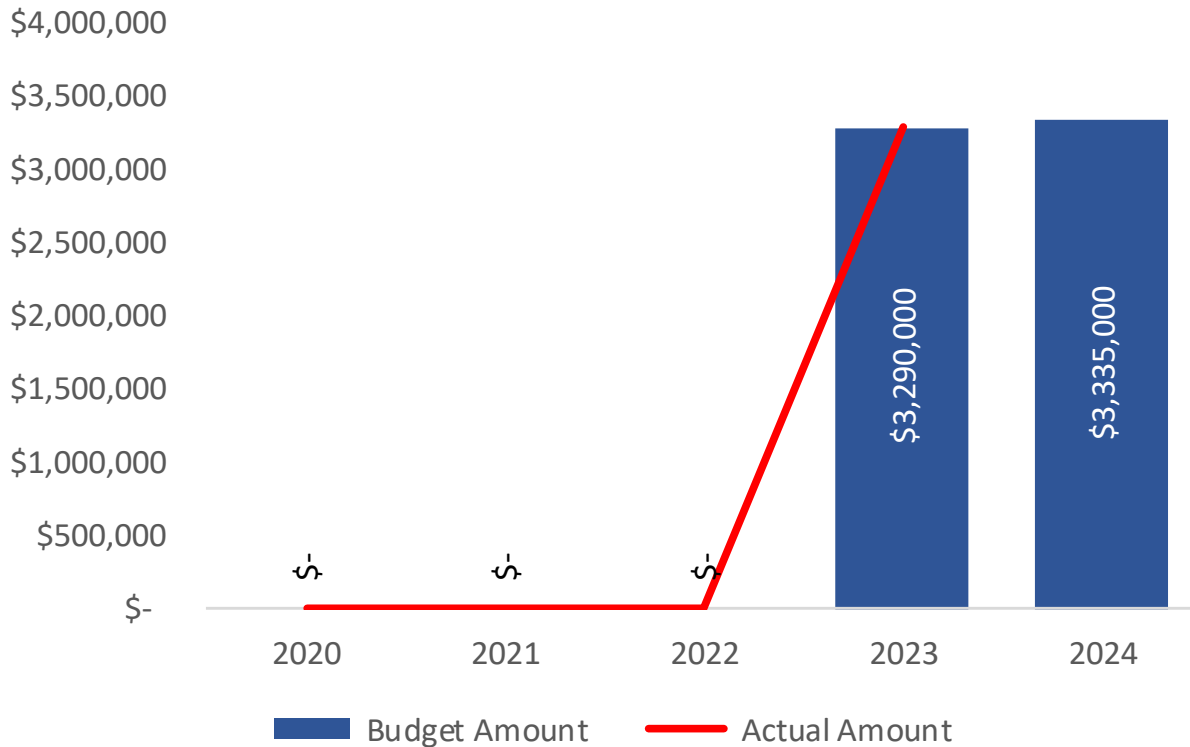
02-540-57208

Debt Service Principal – 2022B

This budget category is used for expenses related to the principal payment of the Series 2022B Bonds which were used to (i) refund all of the outstanding 2015 Bonds and (ii) pay the costs of issuance for the Series 2022B Bonds. The prior payments related to the 2015A Bonds were paid from the Debt Service Principal account 02-540-57201.

2019-20 Actual	2020-21 Actual	2021-22 Actual	2022-23 Projected		2023-24 Budget
\$ -	\$ -	\$ -	\$ 3,290,000		\$ 3,335,000

Budget vs. Actual



Water Division – Debt Service

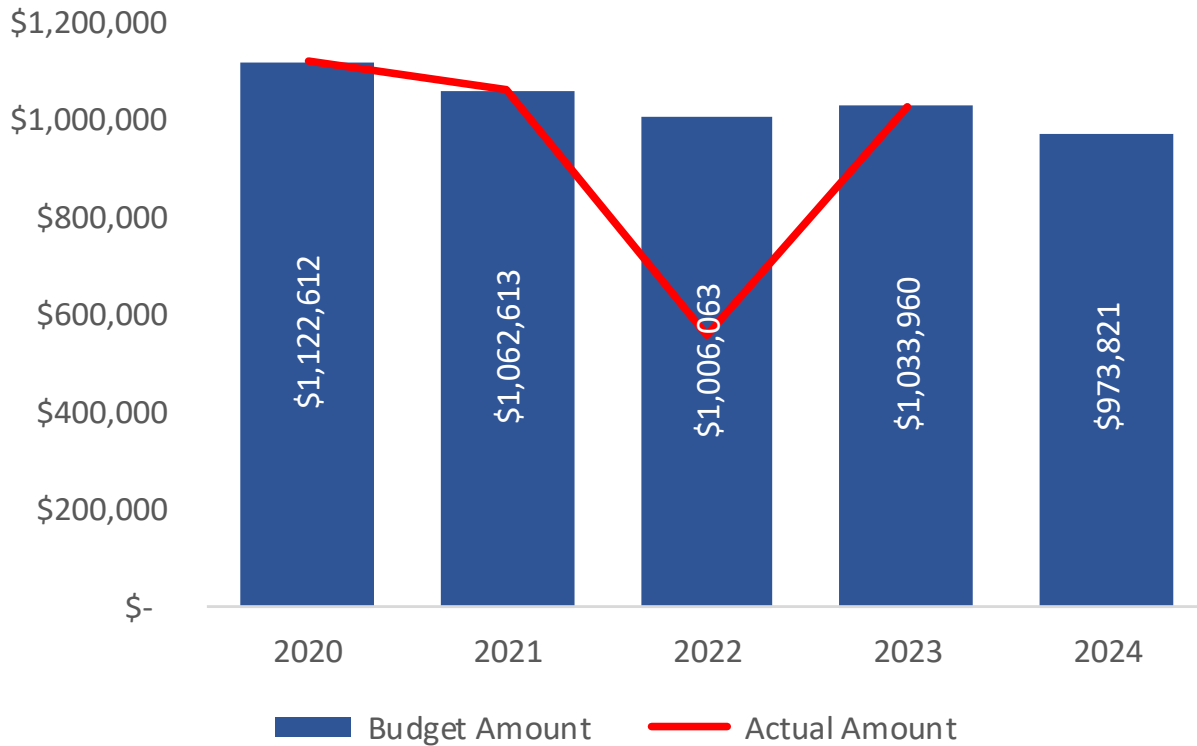
02-540-57402

Debt Service Interest

This budget category is used for expenses related to the interest payment of the original 2004A Water System Revenue Bonds and the 2015A Water System Refunding Revenue Bonds. This budget category will be used for the debt service interest costs for the Series 2022A Revenue Bonds and the Series 2022B Refunding Revenue Bonds.

2019-20 Actual	2020-21 Actual	2021-22 Actual	2022-23 Projected		2023-24 Budget
\$ 1,121,361	\$ 1,062,438	\$ 559,539	\$ 1,028,422		\$ 973,821

Budget vs. Actual





Yucaipa Valley Water District

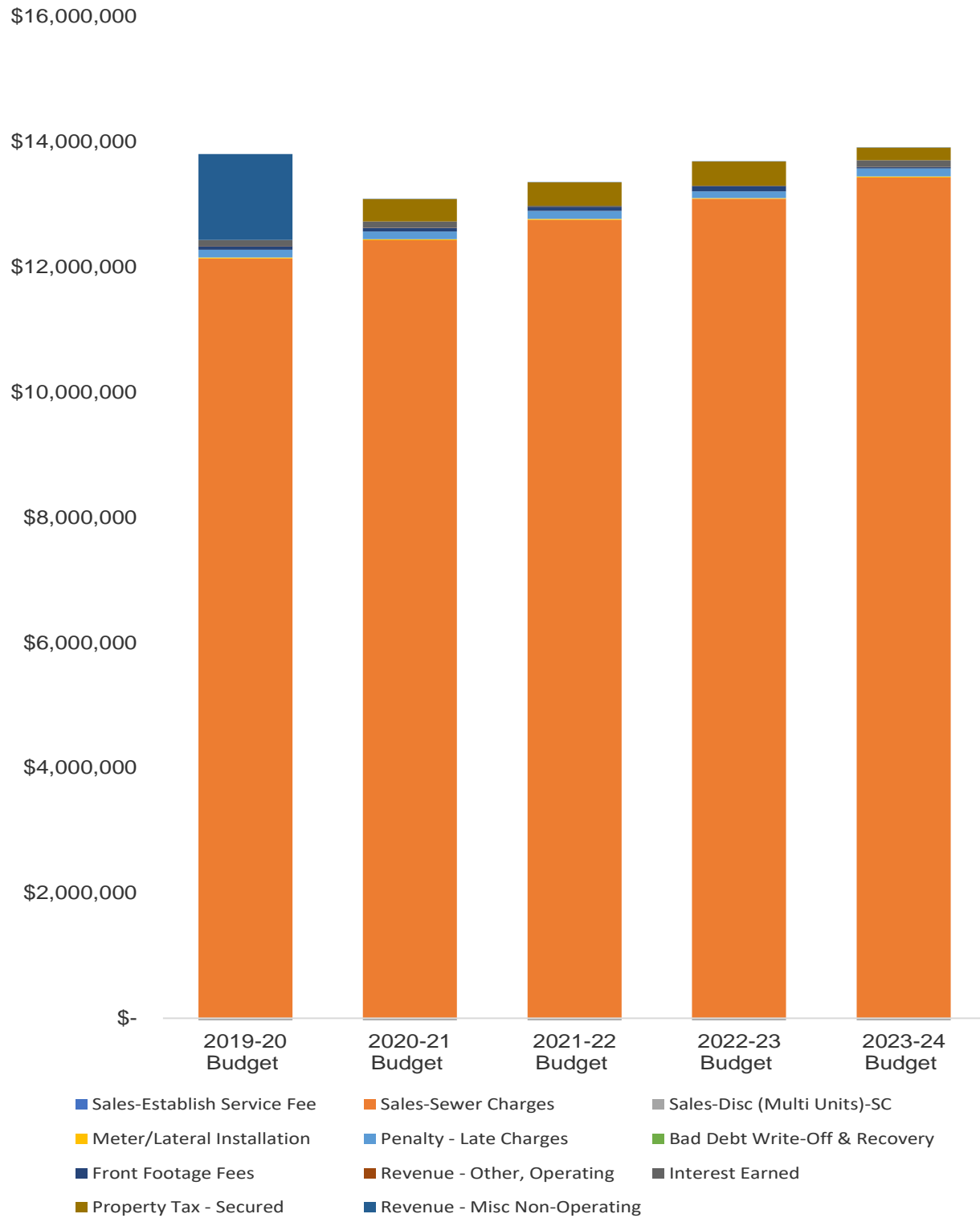
Chapter Three

Fiscal Year 2024

Sewer Division
Operating Budget

Sewer Division Revenue Analysis

Revenue Budget



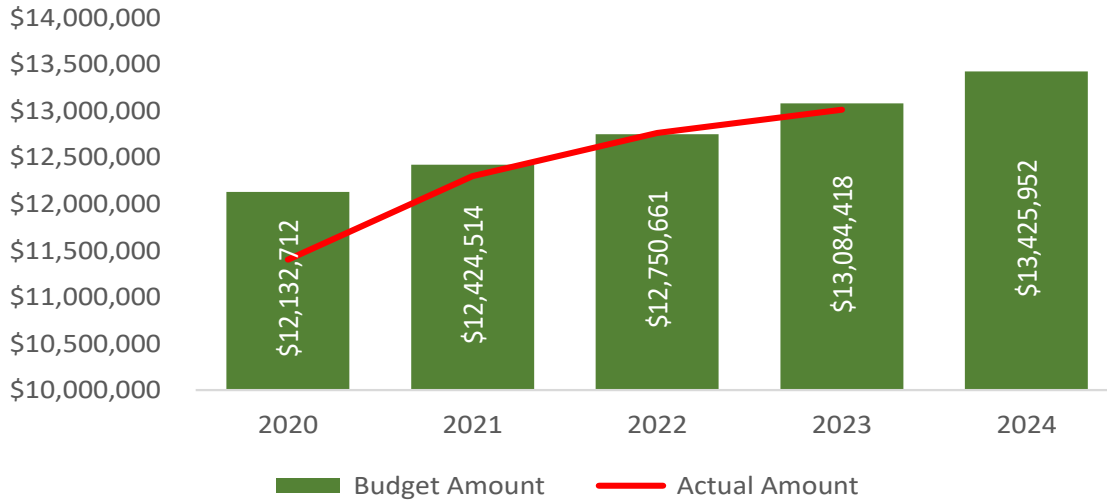
Sewer Department Revenue

Account	2019-20 Budget	2019-20 Actual	2020-21 Budget	2020-21 Actual	2021-22 Budget	2021-22 Actual	2022-23 Budget	2022-23 Estimates	2023-24 Budget	Increase (Decrease) in Budget	Increase (Decrease) %
03-400-40016. Sales-Establish Service Fee	\$ 500	\$ 100	\$ 510	\$ 75	\$ 520	\$ 725	\$ 531	\$ 474	\$ 541	\$ 10	1.9%
03-400-41000. Sales-Sewer Charges	\$ 12,132,712	\$ 11,404,078	\$ 12,424,514	\$ 12,299,435	\$ 12,750,661	\$ 12,765,976	\$ 13,084,418	\$ 13,016,710	\$ 13,425,952	\$ 341,534	2.6%
03-400-41005. Sales-Disc (Multi Units)-SC	\$ (200,000)	\$ (210,122)	\$ (200,000)	\$ (214,514)	\$ (200,000)	\$ (203,827)	\$ (200,000)	\$ (184,690)	\$ (200,000)	\$ -	0.0%
03-400-41110. Meter/Lateral Installation	\$ 15,000	\$ 7,500	\$ 15,038	\$ 17,500	\$ 15,075	\$ 13,095	\$ 15,113	\$ 3,158	\$ 15,151	\$ 38	0.3%
03-400-41121. Penalty - Late Charges	\$ 125,000	\$ 103,442	\$ 126,250	\$ (22)	\$ 127,513	\$ 56,199	\$ 103,788	\$ 118,627	\$ 130,076	\$ 26,288	25.3%
03-400-41124. Bad Debt Write-Off & Recovery	\$ (15,000)	\$ -	\$ (15,075)	\$ (5,091)	\$ (15,150)	\$ (8,362)	\$ (15,226)	\$ (15,000)	\$ (15,302)	\$ (76)	0.5%
03-400-41131. Front Footage Fees	\$ 55,000	\$ 25,000	\$ 55,550	\$ 103,250	\$ 56,106	\$ 74,271	\$ 81,667	\$ 15,789	\$ 20,000	\$ (61,667)	-75.5%
03-421-42122. Revenue - Other, Operating	\$ 2,000	\$ 13,196	\$ 2,020	\$ 2,340	\$ 2,040	\$ 6,120	\$ 2,061	\$ 1,819	\$ 2,081	\$ 20	1.0%
03-430-43010. Interest Earned	\$ 100,000	\$ 59,025	\$ 102,000	\$ 23,283	\$ 25,000	\$ 10,978	\$ 8,000	\$ 209,221	\$ 108,243	\$ 100,243	1253.0%
03-431-43120. Property Tax - Secured	\$ -	\$ -	\$ 356,540	\$ 356,540	\$ 371,883	\$ 371,883	\$ 387,844	\$ 387,844	\$ 202,226	\$ (185,618)	-47.9%
03-480-48002. Grants	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,197,860	\$ -	\$ -	
03-480-48901. Contrib Cap-Capacity Fees	\$ -	\$ 2,165,886	\$ -	\$ 2,369,831	\$ -	\$ 1,167,513	\$ -	\$ 971,030	\$ -	\$ -	
03-480-48905. Contrib Cap-Infrastructure	\$ -	\$ 402,705	\$ -	\$ 348,000	\$ -	\$ 2,073,527	\$ -	\$ 212,025	\$ -	\$ -	
03-491-49100. Reserve Fund Transfer In	\$ -	\$ -	\$ -	\$ -	\$ 950,000	\$ -	\$ 434,815	\$ -	\$ -	\$ (434,815)	-100.0%
03-491-49150. Revenue - Misc Non-Operating	\$ 1,369,774	\$ 500	\$ 2,550	\$ 45,265	\$ 2,601	\$ -	\$ 2,653	\$ 1,263	\$ 2,706	\$ 53	2.0%
	\$ 13,584,986	\$ 13,971,310	\$ 12,869,897	\$ 15,345,893	\$ 14,086,249	\$ 16,328,098	\$ 13,905,664	\$ 15,936,130	\$ 13,691,674	\$ (213,990)	-1.5%

NOTE: Pages 3-4 through 3-7 following this spreadsheet will provide more detail on most line items.

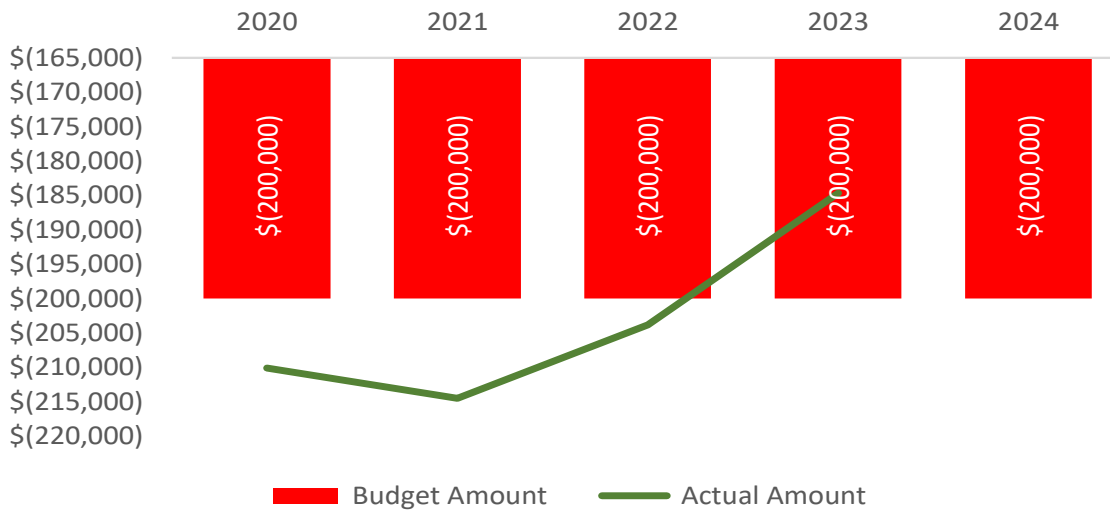
Sewer Service Demand Charge (03-400-41000): This revenue source is the fixed rate component charged to all sewer customers. Since this is a monthly fixed charge, the estimated amount of revenue derived from this source is fairly constant year to year. This is the single largest revenue source for the Sewer Division.

Budget vs. Actual



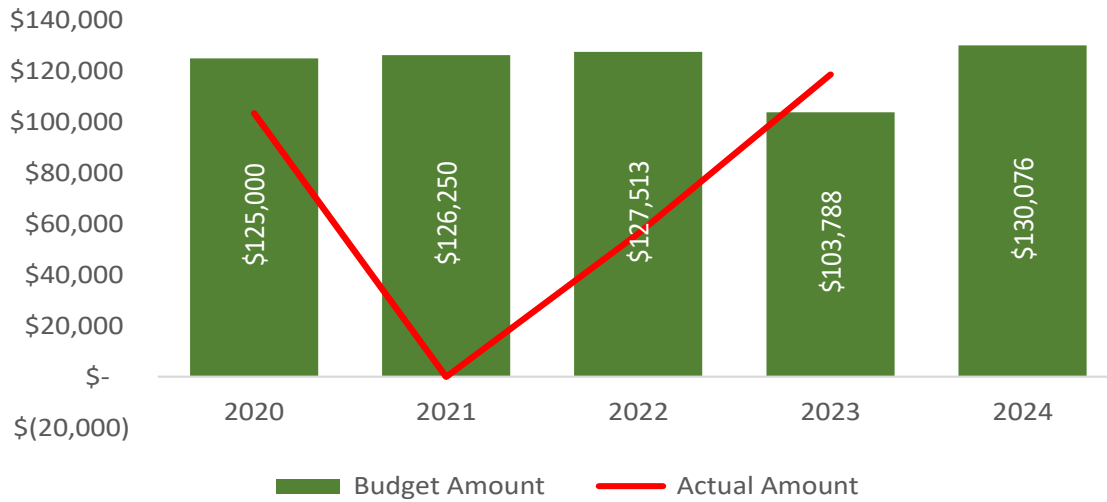
Sewer Service Demand Charge Multi-Unit Discount (03-400-41005): The latest version of the District’s rate schedule continues to include a discount for the sewer service demand charges for those high-density developments with more than 30 dwelling units constructed prior to March 2005. This discount reflects the differential in service requirements for older high-density developments.

Budget vs. Actual



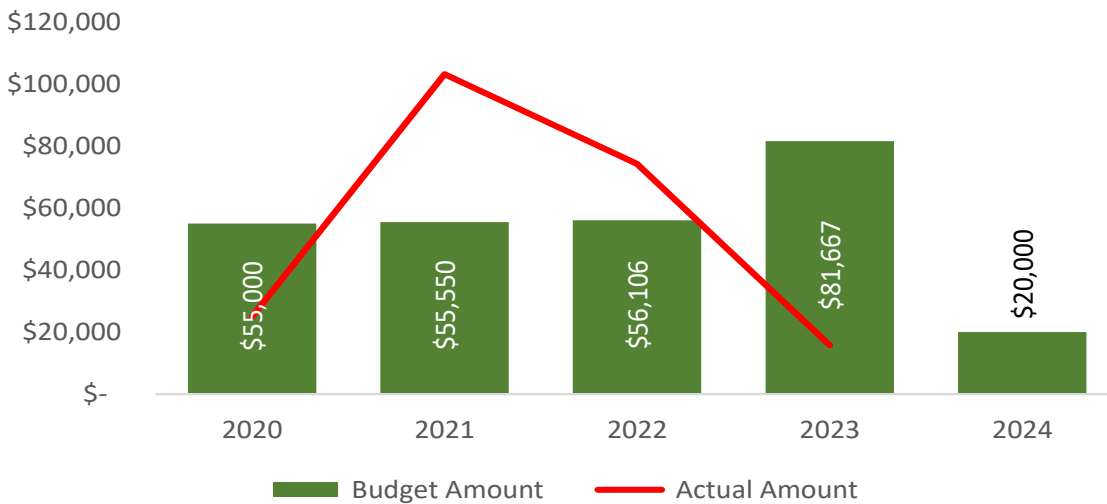
Penalty - Late Charges (03-400-41121): This revenue source is generated from late payments of sewer services. The District’s late charges are 10% for the first month of the unpaid total. This late charge is not intended to represent an interest rate or cost of money, but rather a penalty charge for late payment on an account. Beginning in March 2020 through February 2022, as a result of COVID-19, late fees were temporarily suspended.

Budget vs. Actual



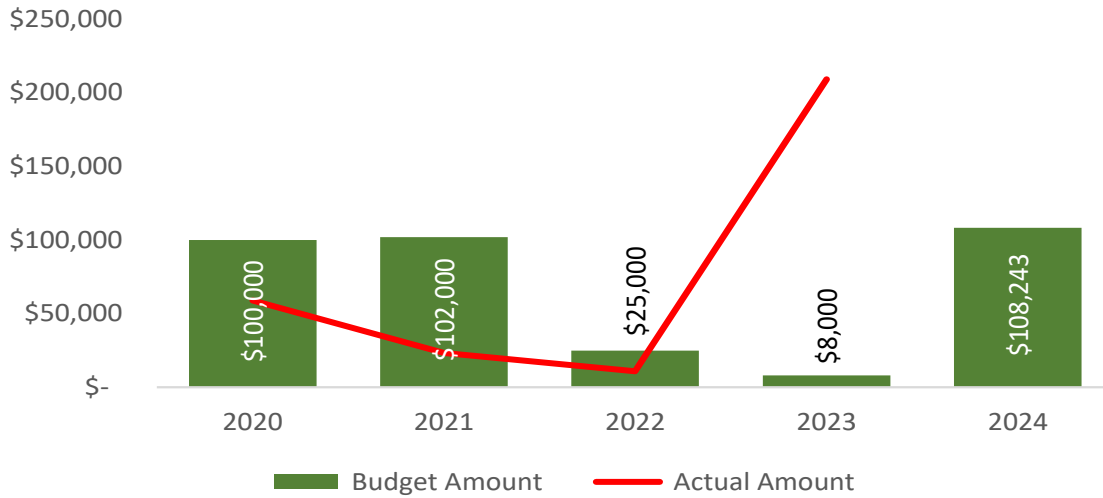
Front Footage Fees (03-400-41131): This revenue source is associated with the cost of a sewer mainline installation based on linear feet in front of the customer’s property. The budgeted revenue for fiscal year 2023-24 has been decreased as a result of trending.

Budget vs. Actual



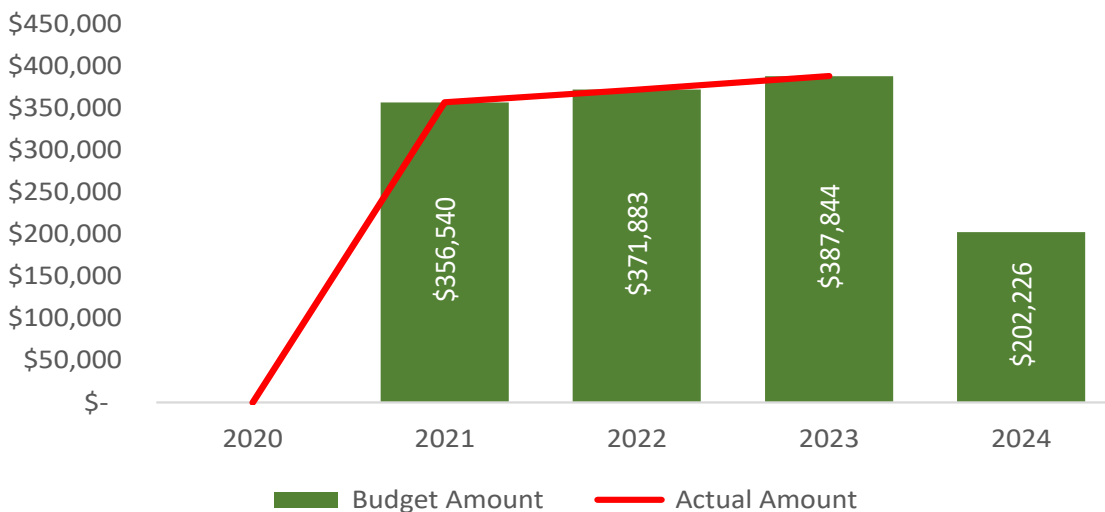
Interest Earned (03-430-43010): This revenue source is generated from investment interest earnings. The District’s investment policy utilizes Capital Asset Management Program (CAMP) and Local Agency Investment Fund (LAIF) as the investment vehicles. The budgeted amount has been increased to more actually reflect the anticipated revenue for 2023-24.

Budget vs. Actual



Property Tax – Secured (03-431-43120): This revenue source is generated from the secured portion of the property tax increment received by the District from properties within the District’s service area. Secured property taxes are those taxes collected on real property such and land and structures.

Budget vs. Actual



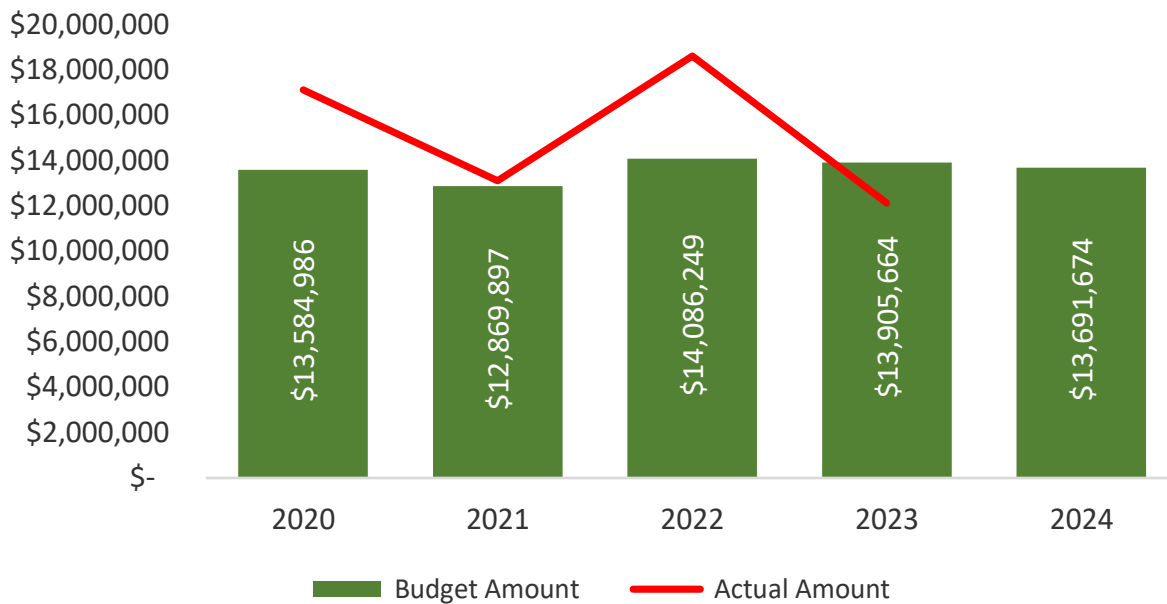
Other sources of operating revenue for the Sewer Division include:

- Establish Service Fee (03-400-40016)
- Meter/Lateral Installation (03-400-41110)
- Bad Debt Write-Off & Recovery (03-400-41124)
- Revenue – Other, Operating (03-421-42122)
- Revenue – Misc. Non-Operating (03-491-49150)

Sewer Division Expenses

The Sewer Division is comprised of three departments: Sewer Operations, Administration and Environmental Control. This year, the Sewer Division will be allocated \$13,691,674 (not including asset acquisitions & capital improvements), which represents an increase of \$213,990 as compared to the prior year modified budget, or a 1.5% decrease.

Budget vs. Actual



	Budget Amount		Actual Amount	
2020	\$	13,584,986	\$	17,120,981
2021	\$	12,869,897	\$	13,104,505
2022	\$	14,086,249	\$	18,603,872
2023	\$	13,905,664	\$	12,131,486
2024	\$	13,691,674		

Organizational Structure & Staffing Levels – This year the Sewer Division has been allocated labor resources of 26.74 Full-Time Equivalent (FTE) employees¹, which represents an increase of 0.24 FTE's as compared to the prior year modified budget.

Title	Range	FTE	Expense
General Manager	-	0.45	\$ 182,514
Chief Financial Officer	259	0.45	\$ 154,252
Director of Engineering	246	0.42	\$ 109,159
Operations Manager	240	1.70	\$ 405,784
Resource Manager	237	0.35	\$ 92,316
Administrative Manager	234	0.45	\$ 101,354
Public Works Manager	234	0.35	\$ 84,304
Regulatory Compliance Manager	229	0.35	\$ 62,817
Chief Information Officer	226	0.45	\$ 66,966
Senior Integrated Operator	124	1.00	\$ 183,680
Public Works Supervisor	117	1.70	\$ 330,288
Water Resource Specialist	113	0.35	\$ 54,456
Senior Engineering Technician	110	0.42	\$ 58,643
Accountant	108	0.50	\$ 85,728
Integrated Operator IV	60	3.00	\$ 541,066
Senior Utility Service Worker	54	1.60	\$ 298,727
Integrated Operator III	53	3.00	\$ 536,452
Utility Service Worker IV	49	0.40	\$ 57,225
Purchasing Agent	45	0.20	\$ 22,453
Water Quality Chemist	45	1.80	\$ 266,509
Utility Service Worker III	44	1.00	\$ 129,781
Integrated Operator II	42	1.50	\$ 259,934
Administrative Assistant I	39	0.50	\$ 81,892
Utility Service Worker II	36	1.00	\$ 112,153
Administrative Clerk IV	35	0.50	\$ 66,941
Utility Service Worker I	32	2.80	\$ 300,174
Administrative Clerk I	23	0.50	\$ 47,683
Total		26.74	\$ 4,693,251

¹ The positions that are assigned a FTE value of less than 1.0 are involved in other divisions such as the Sewer Division and Recycled Water Division.

Sewer Operations Department

Department Description – The Sewer Operations Department is responsible for maintaining the safe and efficient operation of the sewer treatment facility. This involves operating the sewer treatment plant in compliance with all federal, state and local regulations and optimizing the sewer treatment process to maximize the effectiveness of the District’s resources.

Departmental Responsibilities – The Sewer Operations Department is responsible for compliance with the conditions of the Clean Water Act, the District’s Waste Discharge permit, and with Regional Water Quality Control Board requirements. Responsibilities for this department also include maintaining an on-site laboratory, monitoring the operation of the treatment facility 24 hours a day, and conducting routine maintenance on equipment and at each process necessary to meet the required permits/regulations.

Organizational Structure & Staffing Levels – This year the Sewer Operations Department has been allocated labor Operations of 12.00 Full-Time Equivalent (FTE) employees².

Title	Range	FTE	Expense
Operations Manager	240	1.70	\$ 405,784
Senior Integrated Operator	124	1.00	\$ 183,680
Integrated Operator IV	60	3.00	\$ 541,066
Integrated Operator III	53	3.00	\$ 536,452
Water Quality Chemist	45	1.80	\$ 266,509
Integrated Operator II	42	1.50	\$ 259,934
Total		12.00	\$ 2,193,425

This year, the Sewer Operations Department will be allocated \$5,959,134 (not including asset acquisitions & capital improvements), which represents an increase of \$1,108,405 as compared to the prior year modified budget, or a 22.9% increase.

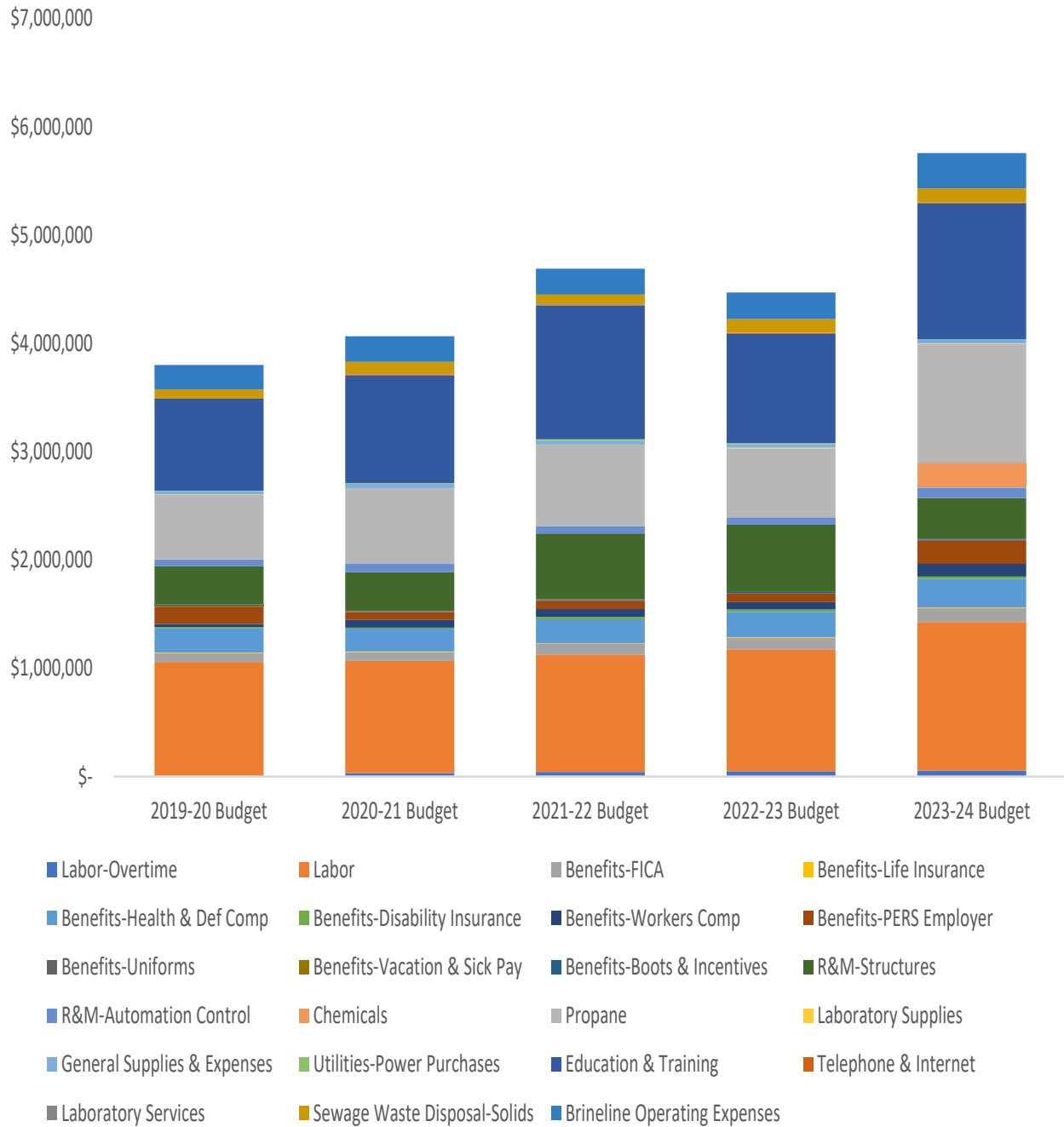
Anticipated Issues for this Fiscal Year – The following issues have been identified as important issues for the near future. The specific resolution to some of the issues presented below may need to be further analyzed by District staff and presented to the Board of Directors for the adoption of a specific policy, procurement or others action as deemed necessary.

- With the completion of the new biological processes, tertiary membranes, and ultraviolet disinfection process, the District will be able to produce a pristine recycled water supply. The staff members of the Operations Department are continuing to operate the facilities in conjunction with the newly completed salinity control facilities and associated brineline.

² The positions that are assigned a FTE value of less than 1.0 are involved in other divisions such as the Sewer Division and Recycled Water Division.

Budget Overview – The following illustration shows the budgeted line items for the **Sewer Operations** Budget.

Expense Budget



Sewer Operations Department

Account	2019-20 Budget	2019-20 Actual	2020-21 Budget	2020-21 Actual	2021-22 Budget	2021-22 Actual	2022-23 Budget	2022-23 Estimated	2023-24 Budget	Increase (Decrease) in Budget	Increase (Decrease) %
03-502-50009. Labor - Overtime	\$ -	\$ 24,909	\$ 33,252	\$ 34,674	\$ 40,931	\$ 49,604	\$ 47,379	\$ 53,965	\$ 54,129	\$ 6,750	14.2%
03-502-50010. Labor	\$ 1,059,129	\$ 1,270,705	\$ 1,033,509	\$ 1,086,309	\$ 1,085,874	\$ 1,109,211	\$ 1,126,560	\$ 1,166,718	\$ 1,372,152	\$ 245,592	21.8%
03-502-50013. Benefits-FICA	\$ 81,023	\$ 106,674	\$ 81,604	\$ 90,496	\$ 102,965	\$ 93,718	\$ 107,652	\$ 96,951	\$ 129,316	\$ 21,664	20.1%
03-502-50014. Benefits-Life Insurance	\$ 5,592	\$ 2,325	\$ 5,136	\$ 1,711	\$ 3,927	\$ 1,687	\$ 5,460	\$ 1,760	\$ 5,987	\$ 527	9.7%
03-502-50016. Benefits-Health & Def Comp	\$ 224,598	\$ 322,963	\$ 210,851	\$ 252,987	\$ 217,552	\$ 252,712	\$ 231,816	\$ 277,268	\$ 262,408	\$ 30,592	13.2%
03-502-50017. Benefits-Disability Insurance	\$ 9,535	\$ 18,740	\$ 9,600	\$ 15,772	\$ 23,959	\$ 17,466	\$ 24,203	\$ 17,057	\$ 23,665	\$ (538)	-2.2%
03-502-50019. Benefits-Workers Compensatn	\$ 28,596	\$ 24,065	\$ 71,774	\$ 39,233	\$ 70,571	\$ 56,922	\$ 66,208	\$ 102,971	\$ 115,736	\$ 49,528	74.8%
03-502-50021. Benefits-PERS Employee	\$ -	\$ -	\$ -	\$ (633)	\$ -	\$ (799)	\$ -	\$ (1,256)	\$ -	\$ -	
03-502-50022. Benefits-PERS Employer	\$ 158,869	\$ 82,577	\$ 75,557	\$ 75,137	\$ 77,743	\$ 73,258	\$ 79,858	\$ 76,127	\$ 214,762	\$ 134,904	168.9%
03-502-50023. Benefits-Uniforms	\$ 5,825	\$ 6,468	\$ 5,350	\$ 4,719	\$ 5,874	\$ 5,597	\$ 6,913	\$ 8,272	\$ 7,445	\$ 532	7.7%
03-502-50024. Benefits-Vacation & Sick Pay	\$ 9,000	\$ 9,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
03-502-50025. Benefits-Boots & Incentives	\$ 7,995	\$ 7,090	\$ 3,450	\$ 3,300	\$ 7,590	\$ -	\$ 7,185	\$ 4,168	\$ 7,825	\$ 640	8.9%
03-502-51003. R&M - Structures	\$ 350,000	\$ 252,774	\$ 357,000	\$ 447,570	\$ 606,466	\$ 625,099	\$ 621,762	\$ 371,092	\$ 378,851	\$ (242,911)	-39.1%
03-502-51010. R&M - Automation Control	\$ 65,000	\$ 62,425	\$ 75,000	\$ 63,415	\$ 67,626	\$ 62,104	\$ 68,979	\$ 95,125	\$ 95,000	\$ 26,021	37.7%
03-502-51032. R&M - Facility Improvements	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 229,000	\$ 229,000	
03-502-51106. Chemicals	\$ 600,000	\$ 745,406	\$ 700,000	\$ 719,014	\$ 755,000	\$ 736,341	\$ 636,725	\$ 1,015,862	\$ 1,100,000	\$ 463,275	72.8%
03-502-51111. Propane	\$ 500	\$ 65	\$ 510	\$ -	\$ 520	\$ 3,541	\$ 5,000	\$ -	\$ 5,000	\$ -	0.0%
03-502-51115. Laboratory Supplies	\$ 30,000	\$ 35,535	\$ 41,000	\$ 31,907	\$ 31,212	\$ 39,595	\$ 34,000	\$ 34,050	\$ 37,000	\$ 3,000	8.8%
03-502-51140. General Supplies & Expenses	\$ 5,000	\$ 10,451	\$ 6,400	\$ 18,640	\$ 18,000	\$ 8,569	\$ 9,423	\$ 1,970	\$ 3,000	\$ (6,423)	-68.2%
03-502-51210. Utilities - Power Purchases	\$ 850,000	\$ 994,193	\$ 994,553	\$ 819,359	\$ 1,234,982	\$ 1,156,718	\$ 1,008,372	\$ 1,226,489	\$ 1,250,000	\$ 241,628	24.0%
03-502-54012. Education & Training	\$ -	\$ 2,909	\$ 7,566	\$ 175	\$ 7,566	\$ 200	\$ 8,121	\$ -	\$ 7,636	\$ (485)	-6.0%
03-502-54025. Telephone & Internet	\$ -	\$ 5,184	\$ 5,000	\$ 4,416	\$ 5,000	\$ 4,176	\$ 4,000	\$ 3,880	\$ 4,000	\$ -	0.0%
03-502-54110. Laboratory Services	\$ 85,000	\$ 117,179	\$ 114,000	\$ 97,937	\$ 88,434	\$ 143,894	\$ 125,000	\$ 128,863	\$ 129,000	\$ 4,000	3.2%
03-502-57031. Sewage Waste Disposal-Solids	\$ 226,000	\$ 277,773	\$ 234,600	\$ 298,434	\$ 239,292	\$ 287,763	\$ 244,078	\$ 314,737	\$ 325,000	\$ 80,922	33.2%
03-502-57034. Brineline Operating Expenses	\$ 396,500	\$ 426,731	\$ 408,000	\$ 159,922	\$ 416,160	\$ 499,694	\$ 382,035	\$ 83,315	\$ 202,222	\$ (179,813)	-47.1%
	\$ 4,198,162	\$ 4,806,140	\$ 4,473,712	\$ 4,264,495	\$ 5,107,244	\$ 5,227,068	\$ 4,850,729	\$ 5,079,384	\$ 5,959,134	\$ 1,108,405	22.9%

NOTE: Pages 3-13 through 3-26 following this spreadsheet will provide more detail on each line item.

Sewer Division – Sewer Operations Department

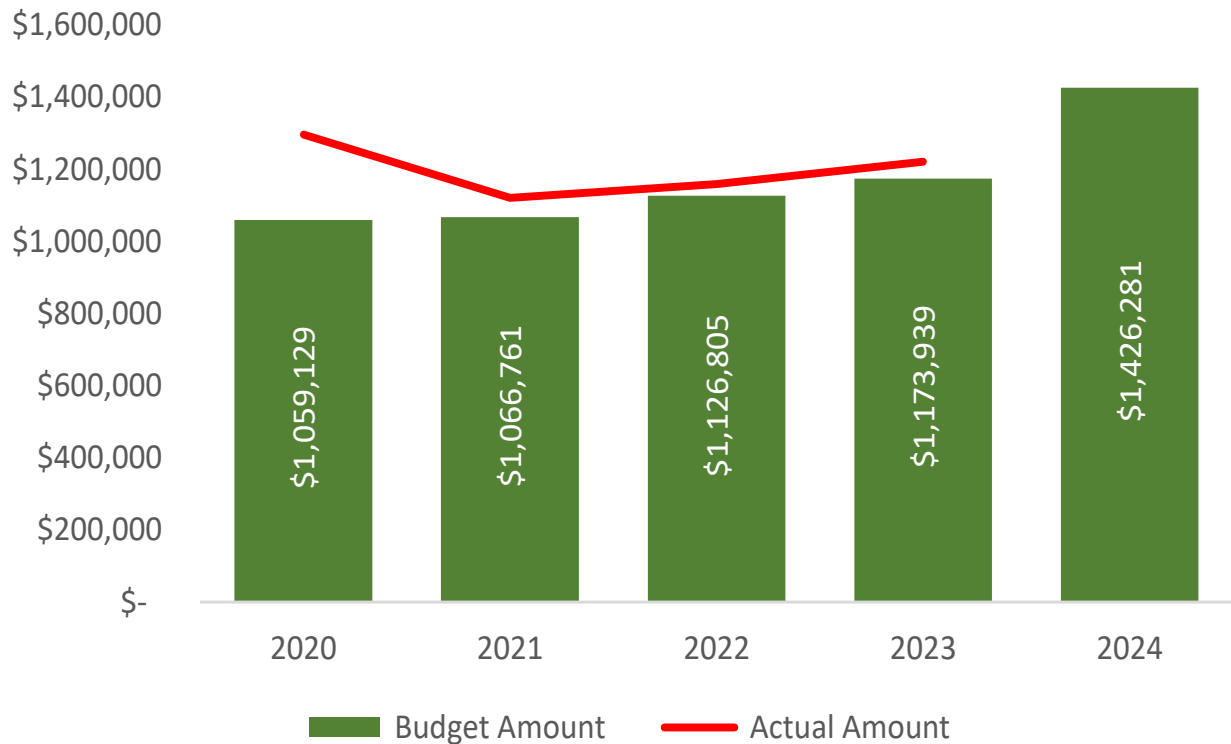
03-502-500xx

Labor

This budget category includes the base salaries, overtime, and standby expenses associated with the Sewer Operations Department staff members. Fiscal year 2020-21 was the first time the District had budgeted for overtime separately.

Account	2019-20 Actual	2020-21 Actual	2021-22 Actual	2022-23 Projection	2023-24 Budget
03-502-50009. Labor - Overtime	\$ 24,909	\$ 34,674	\$ 49,604	\$ 53,965	\$ 54,129
03-502-50010. Labor	\$ 1,270,705	\$ 1,086,309	\$ 1,109,211	\$ 1,166,718	\$ 1,372,152
	\$ 1,295,613	\$ 1,120,983	\$ 1,158,815	\$ 1,220,683	\$ 1,426,281

Budget vs. Actual



Sewer Division – Sewer Operations Department

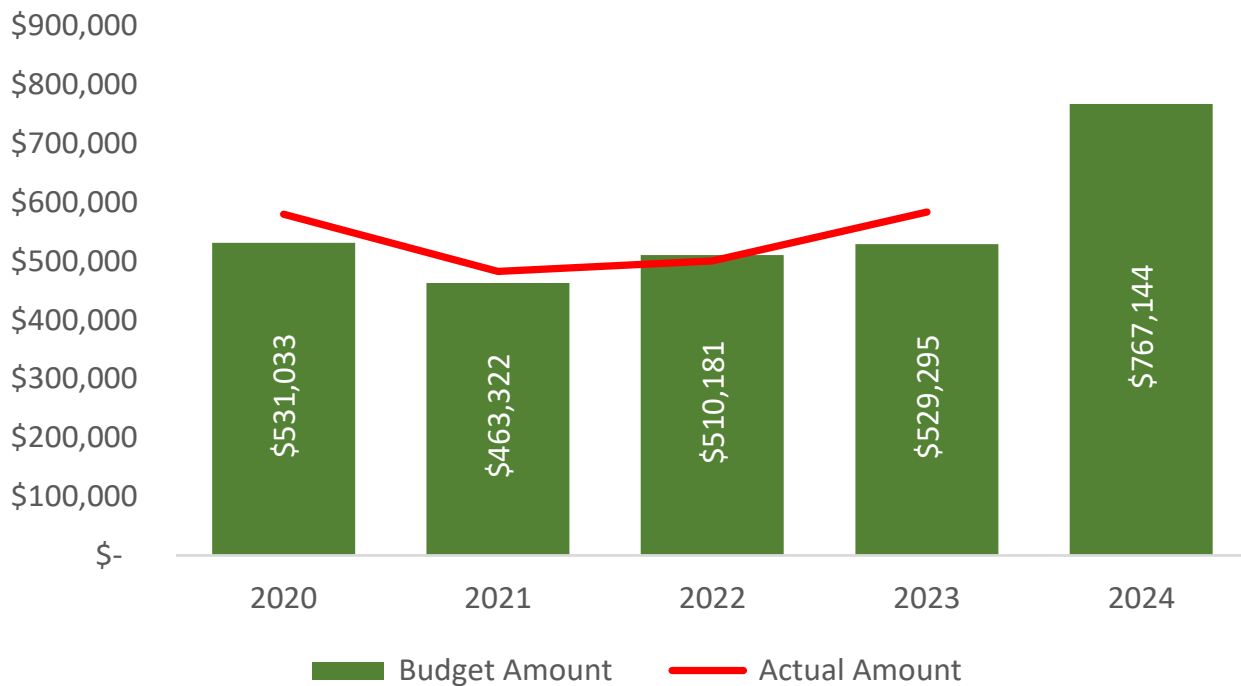
03-502-500xx

Benefits

This budget category includes the District paid benefits for the staff members of the Sewer Operations Department. Beginning in fiscal year 2023-24, the District has included the annual PERS Unfunded Liability payment within the budget allocated by staffing throughout the District.

Account	2019-20 Actual	2020-21 Actual	2021-22 Actual	2022-23 Projection	2023-24 Budget
03-502-50013. Benefits-FICA	\$ 106,674	\$ 90,496	\$ 93,718	\$ 96,951	\$ 129,316
03-502-50014. Benefits-Life Insurance	\$ 2,325	\$ 1,711	\$ 1,687	\$ 1,760	\$ 5,987
03-502-50016. Benefits-Health & Def Comp	\$ 322,963	\$ 252,987	\$ 252,712	\$ 277,268	\$ 262,408
03-502-50017. Benefits-Disability Insurance	\$ 18,740	\$ 15,772	\$ 17,466	\$ 17,057	\$ 23,665
03-502-50019. Benefits-Workers Compensatn	\$ 24,065	\$ 39,233	\$ 56,922	\$ 102,971	\$ 115,736
03-502-50021. Benefits-PERS Employee	\$ -	\$ (633)	\$ (799)	\$ (1,256)	\$ -
03-502-50022. Benefits-PERS Employer	\$ 82,577	\$ 75,137	\$ 73,258	\$ 76,127	\$ 214,762
03-502-50023. Benefits-Uniforms	\$ 6,468	\$ 4,719	\$ 5,597	\$ 8,272	\$ 7,445
03-502-50024. Benefits-Vacation & Sick Pay	\$ 9,000	\$ -	\$ -	\$ -	\$ -
03-502-50025. Benefits-Boots & Incentives	\$ 7,090	\$ 3,300	\$ -	\$ 4,168	\$ 7,825
	\$ 579,902	\$ 482,721	\$ 500,560	\$ 583,318	\$ 767,144

Budget vs. Actual



Sewer Division – Sewer Operations Department

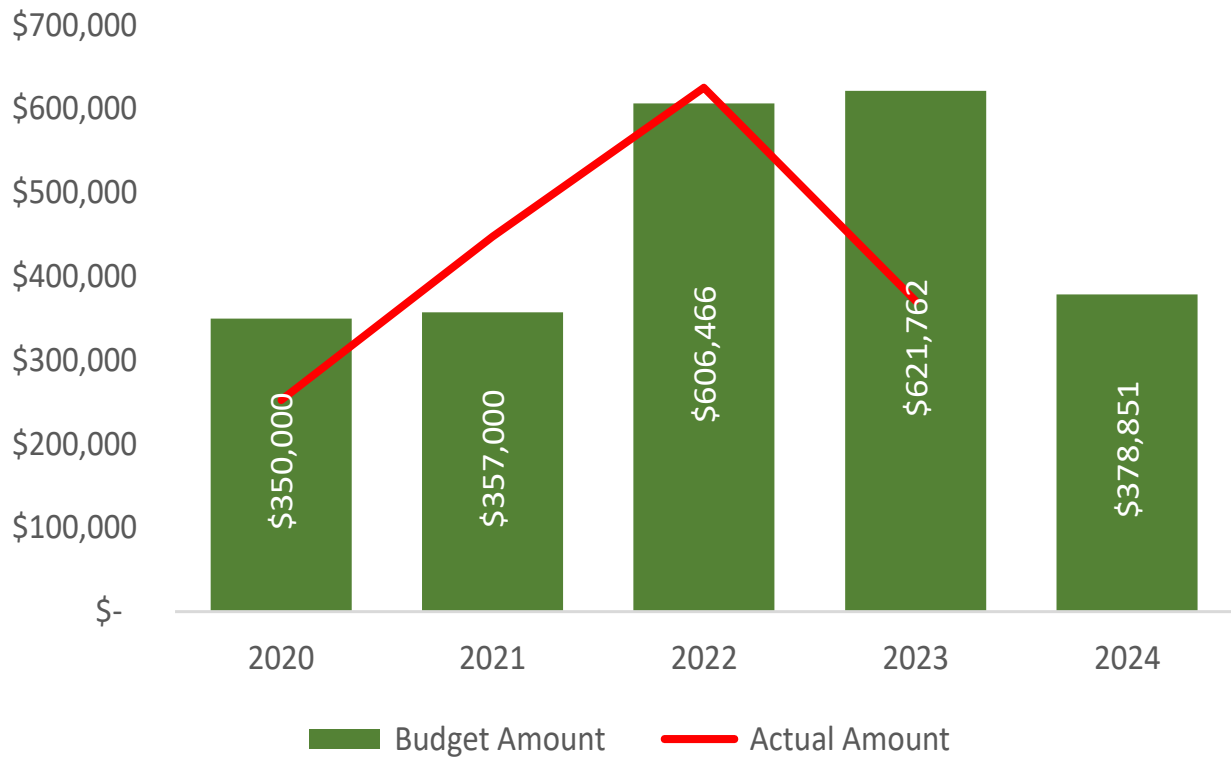
03-502-51003

Repair & Maintenance - Structures

This budget category is used for the maintenance and repair of all sewer treatment plant related facilities. In fiscal year 2021-22 significant grading and improvements were done for an additional road leading to the Wastewater Plant, this is not an ongoing expense.

2019-20 Actual	2020-21 Actual	2021-22 Actual	2022-23 Projected		2023-24 Budget
\$ 252,774	\$ 447,570	\$ 625,099	\$ 371,092		\$ 378,851

Budget vs. Actual



Sewer Division – Sewer Operations Department

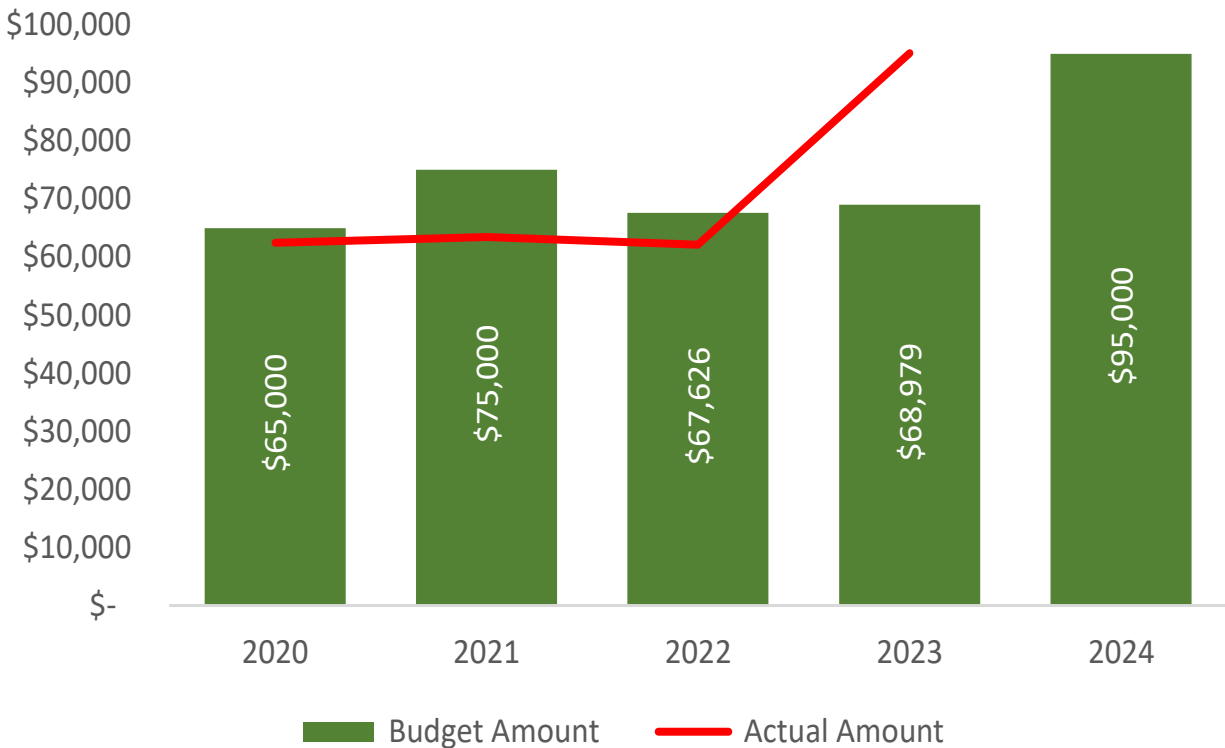
03-502-51010

Repair & Maintenance - Automation Control

This budget category is for expenses incurred for the upkeep and maintenance of outside instrumentation and computer technicians. Such services include repair and maintenance of the plant Supervisory Control and Data Acquisition (SCADA) system; repair and calibration of metering equipment; adjustments of electronically actuated valves; and the repair of plant and lift station alarm and electrical systems. In fiscal year 2022-23, additional work was completed on strainers and other items in preparation for an upgraded SCADA system.

2019-20 Actual	2020-21 Actual	2021-22 Actual	2022-23 Projected	2023-24 Budget
\$ 62,425	\$ 63,415	\$ 62,104	\$ 95,125	\$ 95,000

Budget vs. Actual



Sewer Division – Sewer Operations Department

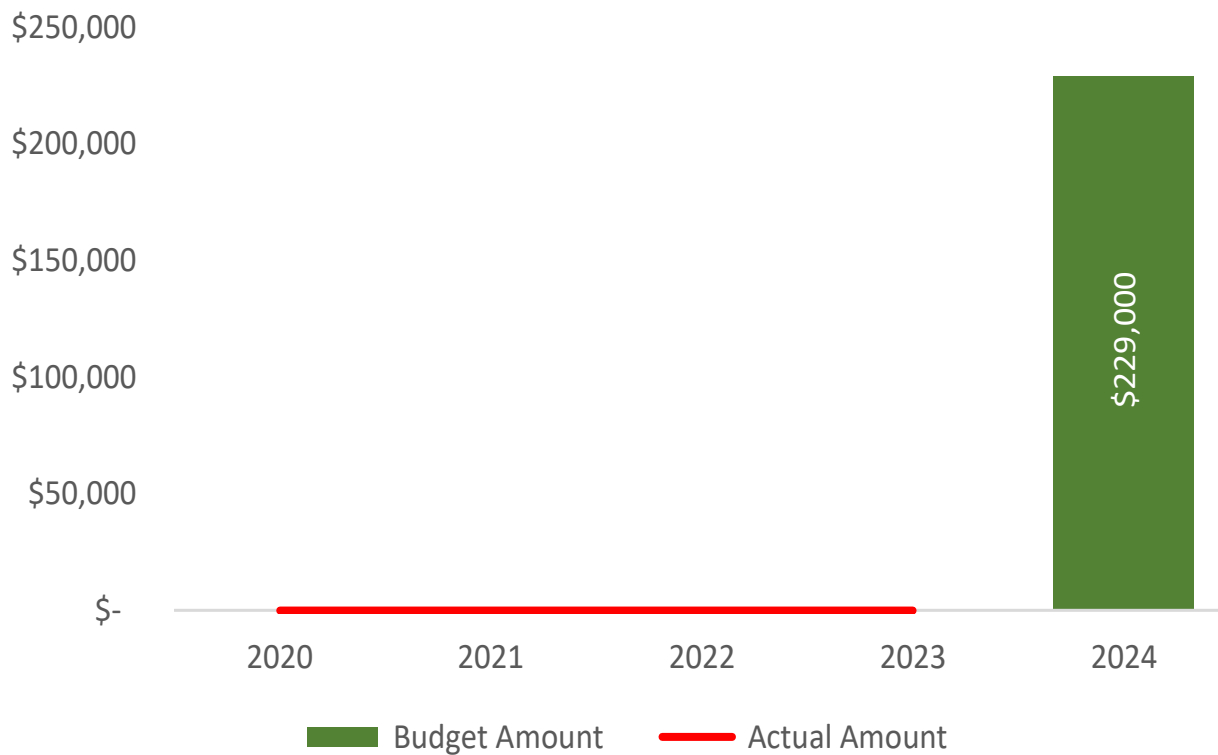
03-502-51032

Repair & Maintenance – Facility Improvements

This budget category includes maintaining the upkeep of the current facilities along with upgrading assets to meet the current standard of safety, security and beautification with upgrades, including structural and cosmetic. District assets include but are not limited to structures, systems, walls, fences, landscaping and properties. This is new budget line item beginning in 2023-24.

2019-20 Actual	2020-21 Actual	2021-22 Actual	2022-23 Projected	2023-24 Budget
\$ -	\$ -	\$ -	\$ -	\$ 229,000

Budget vs. Actual



Sewer Division – Sewer Operations Department

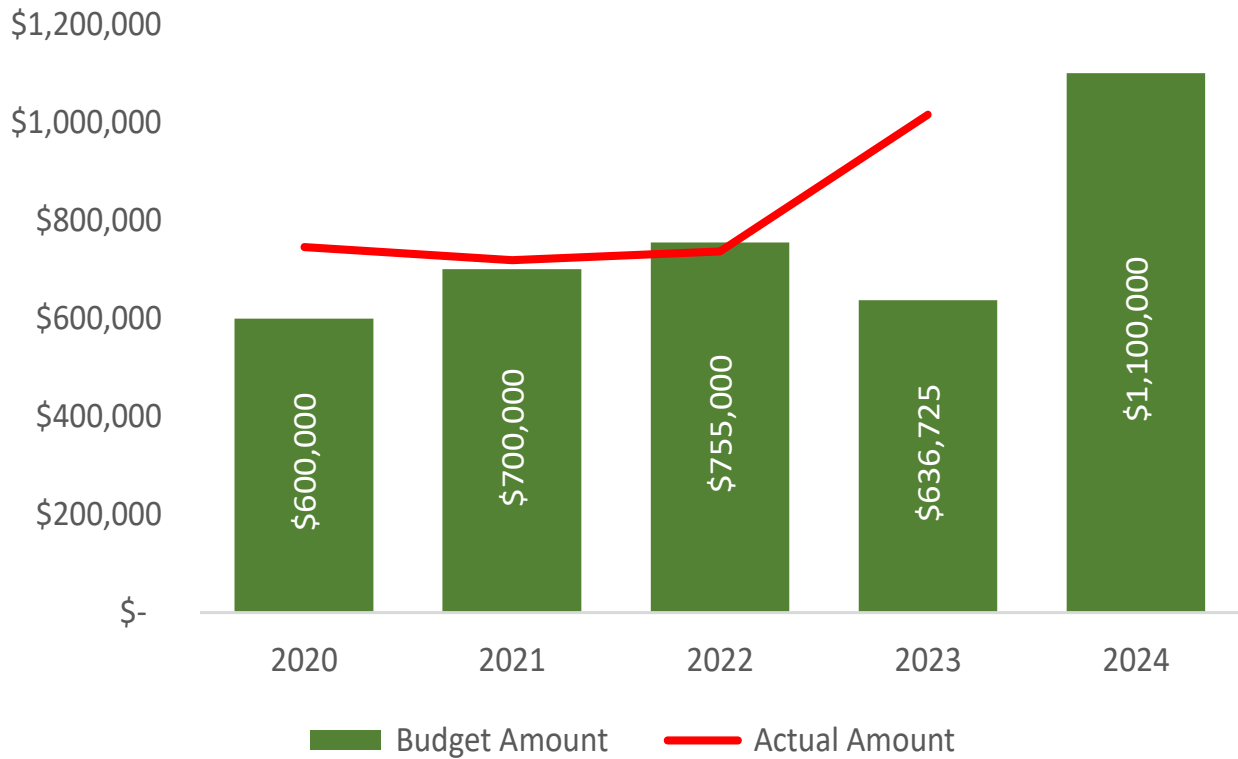
03-502-51106

Chemicals

This budget category is used to provide chemicals necessary in the treatment of sewer. The budgeted amount has been increased to more actually reflect the anticipated expenses for fiscal year 2023-24.

2019-20 Actual	2020-21 Actual	2021-22 Actual	2022-23 Projected		2023-24 Budget
\$ 745,406	\$ 719,014	\$ 736,341	\$ 1,015,862		\$ 1,100,000

Budget vs. Actual



Sewer Division – Sewer Operations Department

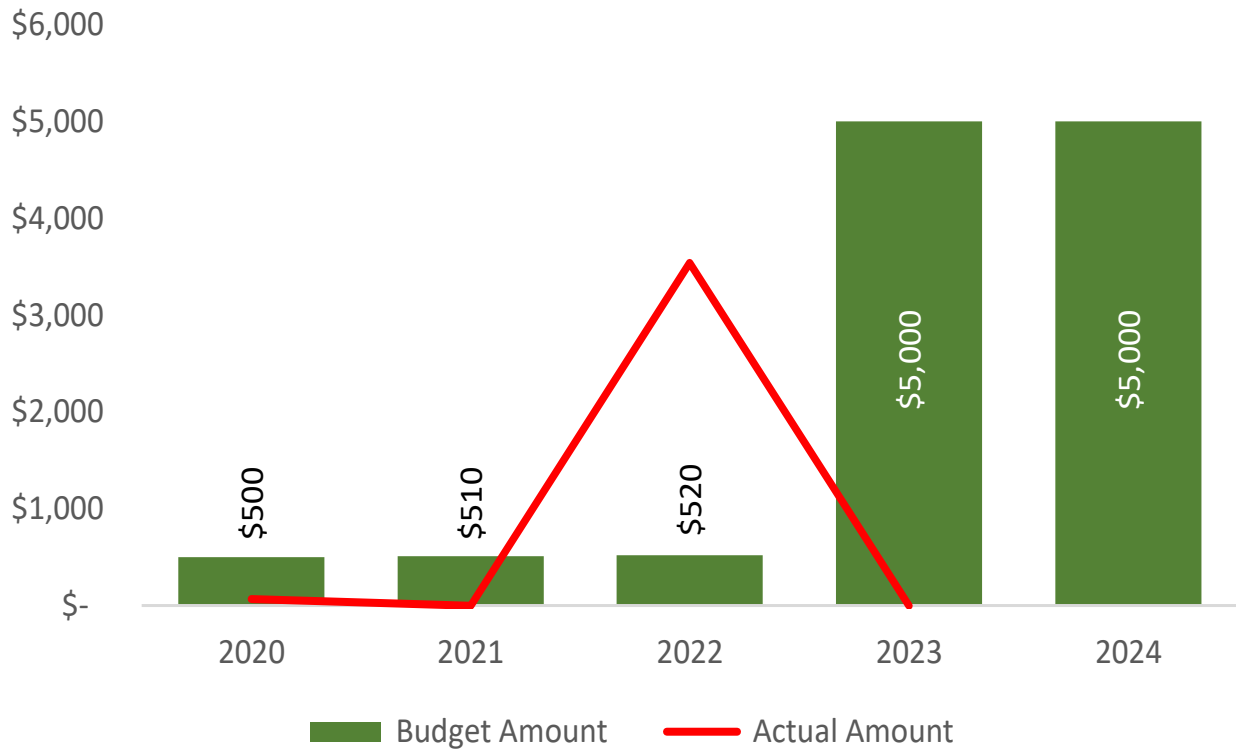
03-502-51111

Propane

Propane is occasionally needed to augment the methane gas produced to help maintain a warm operating temperature in the digesters through the winter. Operation requirements and winter temperatures dictate the amount of propane used throughout the year with the majority of the consumption occurring between November and March. In fiscal years 2019-2021 the District received little to no propane. In fiscal year 2021-22, the tank was completely filled and as was anticipated, little propane was purchased in fiscal year 2022-23. However, budget has been included for 2023-24 as a precaution and will be adjusted as needed.

2019-20 Actual	2020-21 Actual	2021-22 Actual	2022-23 Projected		2023-24 Budget
\$ 65	\$ -	\$ 3,541	\$ -		\$ 5,000

Budget vs. Actual



Sewer Division – Sewer Operations Department

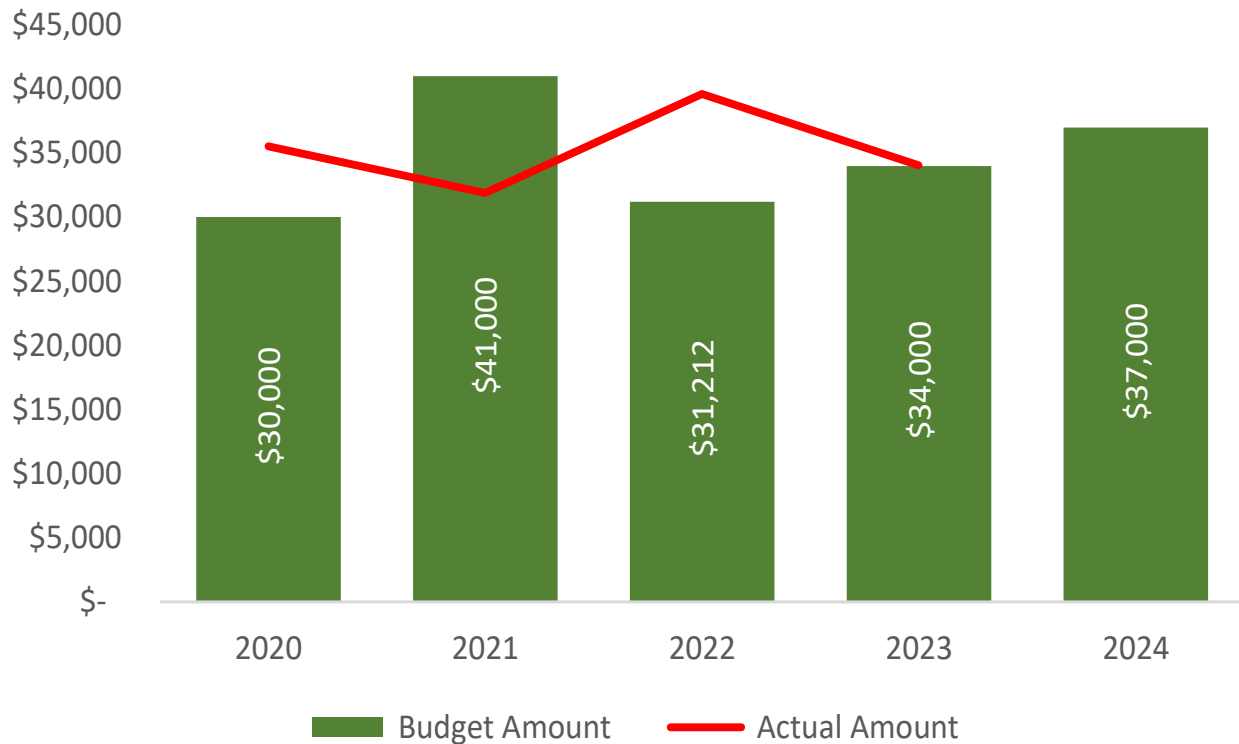
03-502-51115

Laboratory Supplies

This budget category includes the costs associated with purchasing supplies and equipment for the laboratory at the sewer treatment facility. The budget amount for fiscal year 2023-24 has been slightly increased as a result of trending.

2019-20 Actual	2020-21 Actual	2021-22 Actual	2022-23 Projected		2023-24 Budget
\$ 35,535	\$ 31,907	\$ 39,595	\$ 34,050		\$ 37,000

Budget vs. Actual



Sewer Division – Sewer Operations Department

03-502-51140

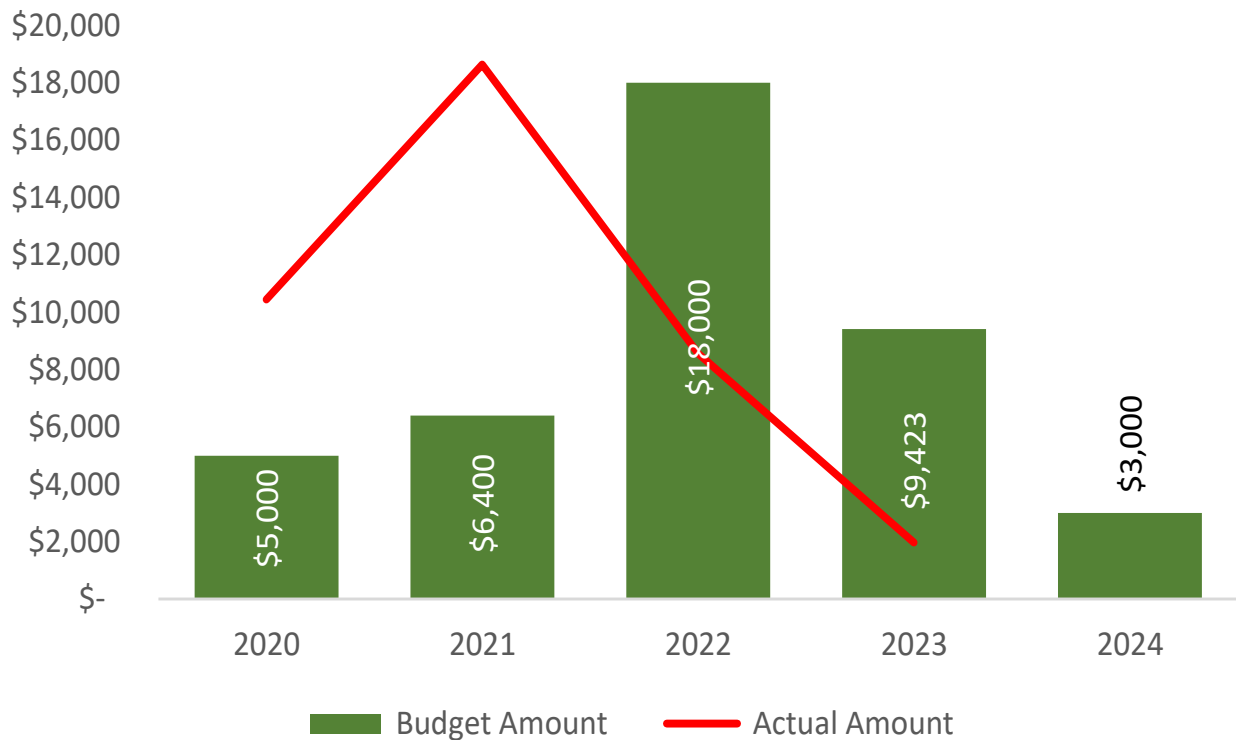
General Supplies & Expenses

This budget category includes the supplies and expenses related to the operation of the Sewer Operations Department. This includes quarterly bank analysis charges as well as small incidental purchases from local hardware stores for plant maintenance and repair.

In fiscal year 2020-21, expenses were higher than anticipated as a result of one-time purchases for small handheld radios at the plant as well as higher than normal quarterly bank analysis charges. The budgeted amount has been reduced to more actually reflect the anticipated expenses for fiscal year 2023-24.

2019-20 Actual	2020-21 Actual	2021-22 Actual	2022-23 Projected		2023-24 Budget
\$ 10,451	\$ 18,640	\$ 8,569	\$ 1,970		\$ 3,000

Budget vs. Actual



Sewer Division – Sewer Operations Department

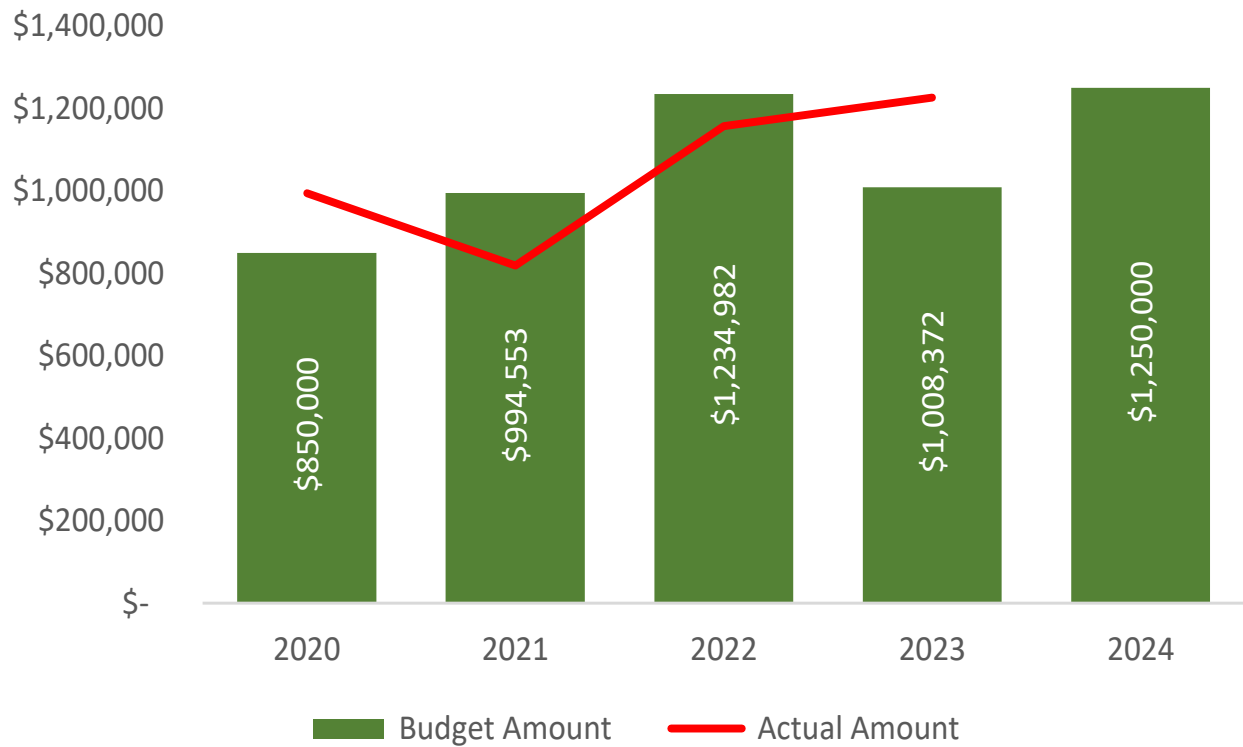
03-502-51210

Utilities - Power Purchases

This budget category includes all electrical power costs to operate the sewer treatment facility.

2019-20 Actual	2020-21 Actual	2021-22 Actual	2022-23 Projected	2023-24 Budget
\$ 994,193	\$ 819,359	\$ 1,156,718	\$ 1,226,489	\$ 1,250,000

Budget vs. Actual



Sewer Division – Sewer Operations Department

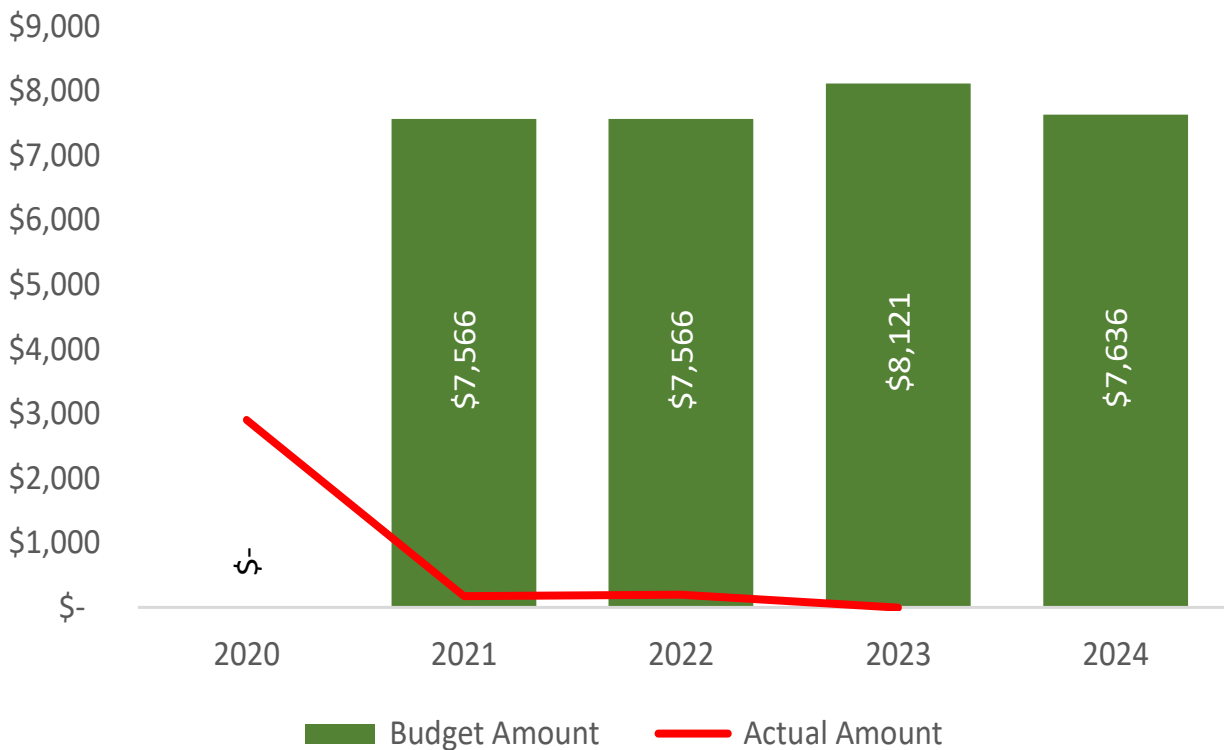
03-502-54012

Education & Training

This budget category is new for fiscal year 2020-21. This line item is used for all education and training for employees allocated to the Sewer Operations Department. Previously, all education and training was budgeted in the Administration Department for each division (03-506-54012). The budgeted amount is based on the allocation of staffing for this department.

2019-20 Actual	2020-21 Actual	2021-22 Actual	2022-23 Projected		2023-24 Budget
\$ 2,909	\$ 175	\$ 200	\$ -		\$ 7,636

Budget vs. Actual



Sewer Division – Sewer Operations Department

03-502-54025

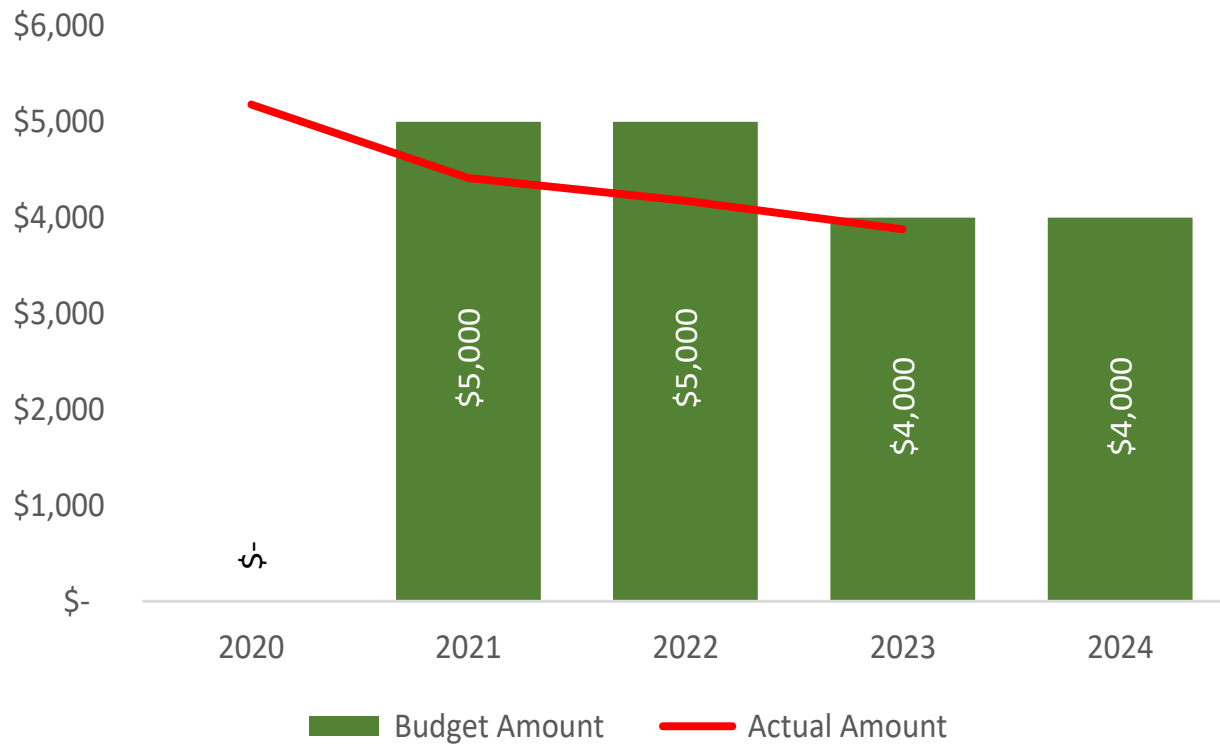
Telephone & Internet

This budget category is new for fiscal year 2020-21. This line item is used for telephone, internet and cellular phone expenses allocated to the Sewer Operations Department. Previously, these costs were budgeted in the Administration Department for each division (03-506-54025).

2019-20 Actual	2020-21 Actual	2021-22 Actual	2022-23 Projected
\$ 5,184	\$ 4,416	\$ 4,176	\$ 3,880

2023-24 Budget
\$ 4,000

Budget vs. Actual



Sewer Division – Sewer Operations Department

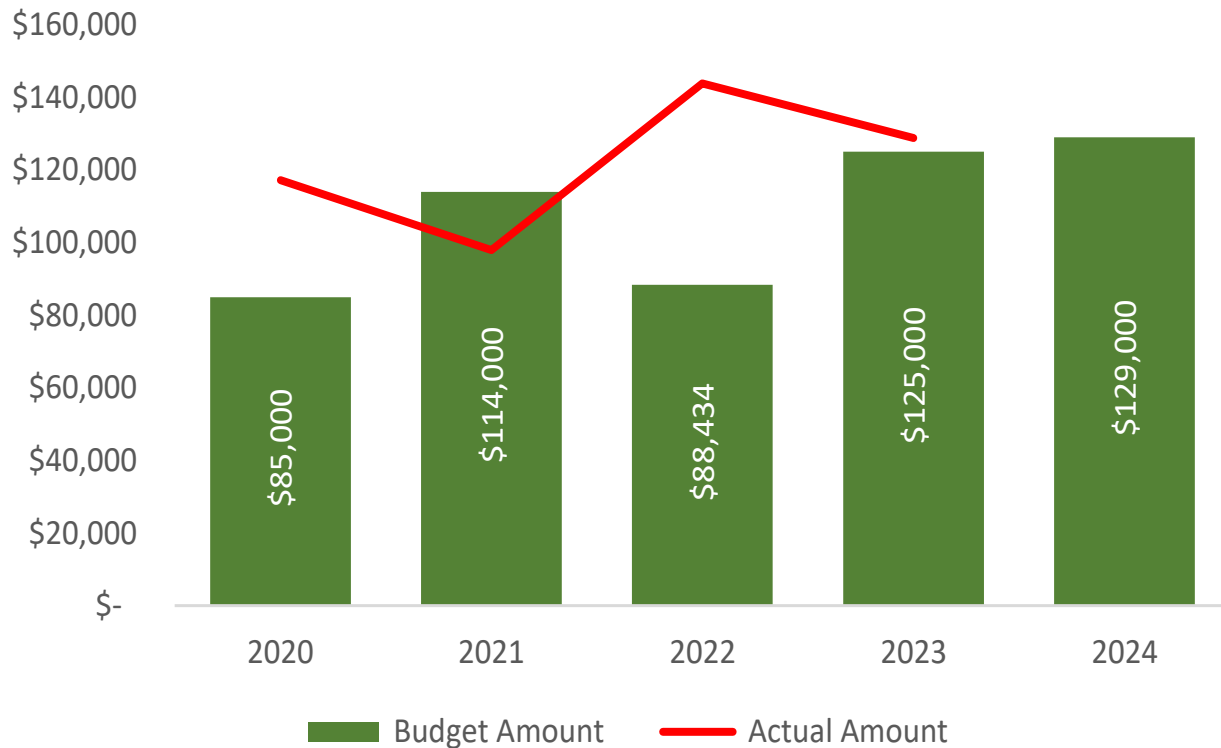
03-502-54110

Laboratory Services

This budget category includes the cost of outside laboratory services for all regulatory monitoring requirements including items such as toxicity testing, priority pollutants, special sampling programs, influent/effluent testing and biosolids monitoring.

2019-20 Actual	2020-21 Actual	2021-22 Actual	2022-23 Projected	2023-24 Budget
\$ 117,179	\$ 97,937	\$ 143,894	\$ 128,863	\$ 129,000

Budget vs. Actual



Sewer Division – Sewer Operations Department

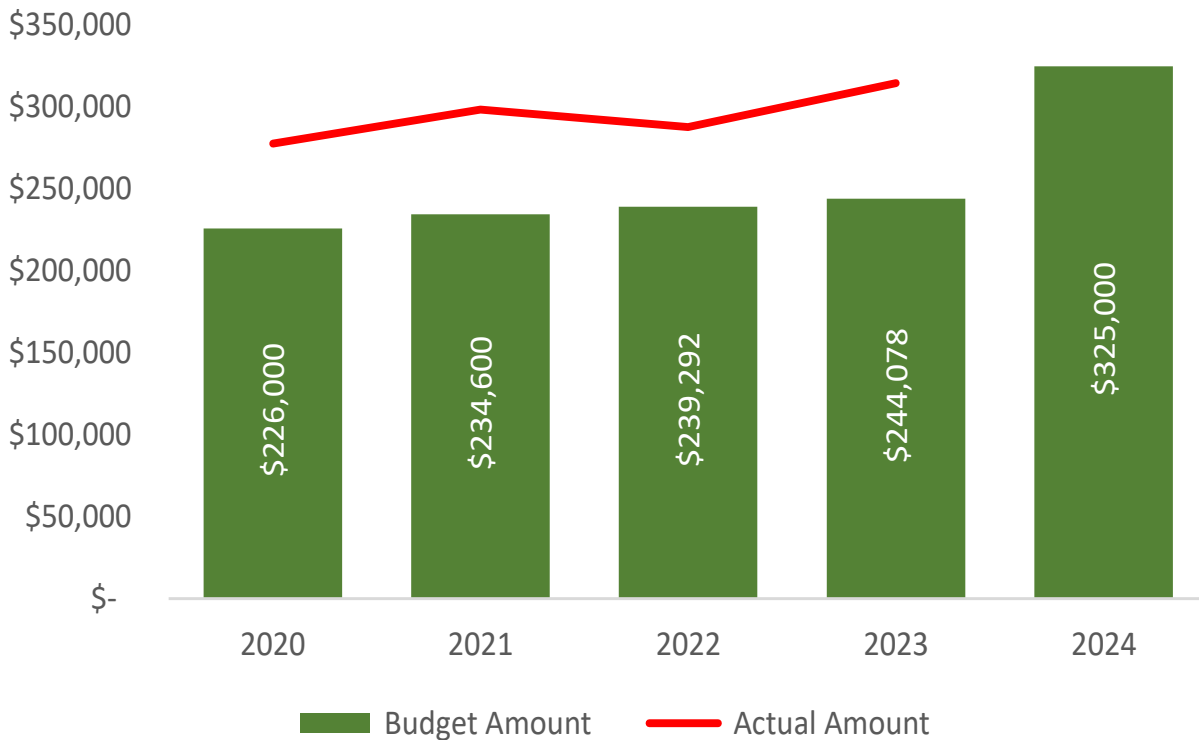
03-502-57031

Sewage Waste Disposal - Solids

This budget category includes the required annual operating costs associated with the removal, compost and disposal of processed biosolids. As a result of a slight increase in the cost of disposal in fiscal year 2022-23, the budget for fiscal year 2023-24 was increased.

2019-20 Actual	2020-21 Actual	2021-22 Actual	2022-23 Projected		2023-24 Budget
\$ 277,773	\$ 298,434	\$ 287,763	\$ 314,737		\$ 325,000

Budget vs. Actual



Sewer Division – Sewer Operations Department

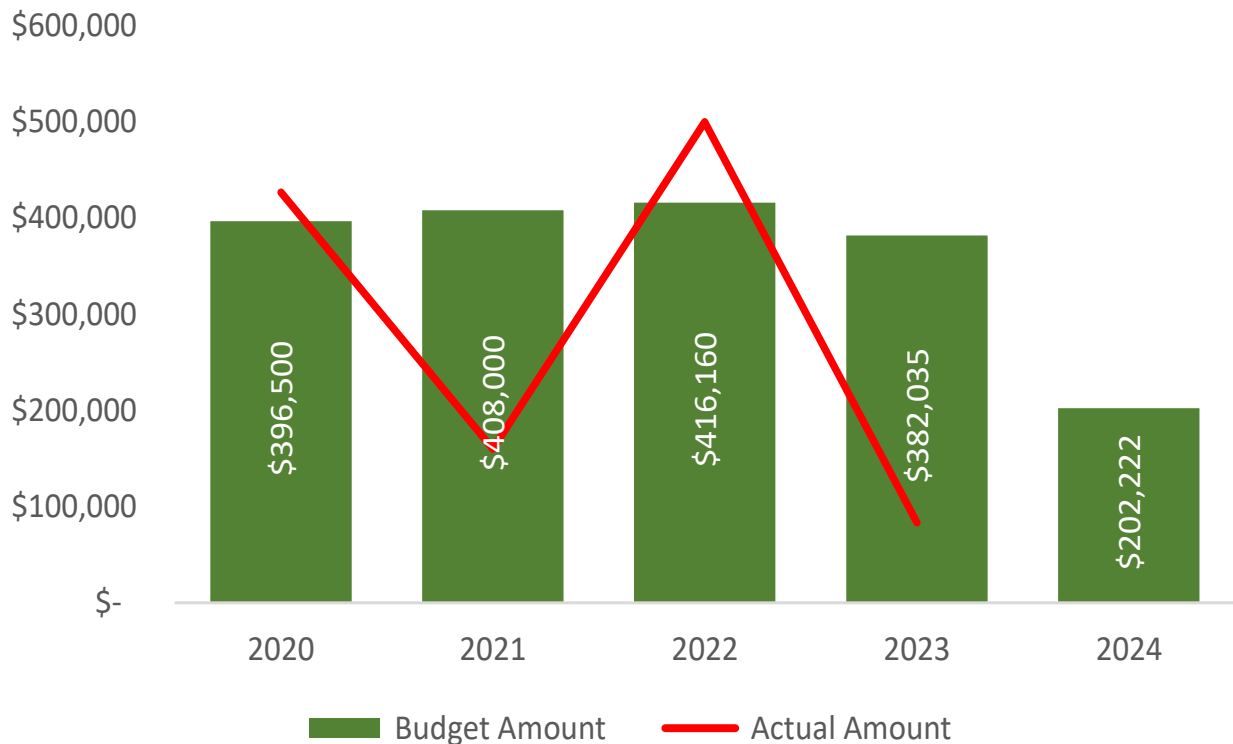
03-502-57034

Brineline Operating Expenses

This budget category includes the annual costs for maintaining capacity in downstream salt conveyance facilities to Orange County Sanitation District and routine operating costs related to the operation of salt conveyance facilities owned by the District. These expenses are offset by revenue received from the Southern California Edison Mountain View Power Plant as shown in fiscal year 2020-21. Although the District anticipates receiving the revenue annually, the 2021-22 revenue was received after the close of the fiscal year and is shown combined with 2022-23. The budgeted amount has been reduced to more actually reflect the anticipated expenses for fiscal year 2023-24 offset by the annual revenue mentioned above.

2019-20 Actual	2020-21 Actual	2021-22 Actual	2022-23 Projected	2023-24 Budget
\$ 426,731	\$ 159,922	\$ 499,694	\$ 83,315	\$ 202,222

Budget vs. Actual



Administrative Services Department

Department Description – The Administrative Services Department consists of four sub-departments: management, accounting, customer service, and engineering. These sub-departments provide administrative services to the three District enterprises: drinking water, sewer, and recycled water.

Departmental Responsibilities – The Administrative Services Department is responsible for ensuring the following:

- Management: The individuals in Management are responsible for managing the operational and planning functions of the District. This includes risk management, fund investment, Director information, policy management, human resources and public relations.
- Accounting: The individuals in Accounting are responsible for all accounting functions which range from tracking District assets to maintaining accounts payable, accounts receivable, and payroll. Accounting is also responsible for maintaining fund balances, tracking of development impact fees, and maintaining the current budget.
- Customer Service: The individuals in Customer Service are responsible for all general customer related activities such as maintaining the customer service database, processing of utility billing, receiving all fees/charges, maintaining service records for the Department of Health Services.
- Engineering: The individuals in Engineering are responsible for all engineering related functions including: drinking water and sewer modeling, GIS studies and applications, consultant and contractor oversight, development of design and construction standards, plan check and inspection services, and performing other related engineering studies and services.

Organizational Structure & Staffing Levels – This year the Administration Department has been allocated labor resources of 5.69 Full-Time Equivalent (FTE) employees¹.

Title	Range	FTE	Expense
General Manager	-	0.45	\$ 182,514
Chief Financial Officer	259	0.45	\$ 154,252
Director of Engineering	246	0.42	\$ 109,159
Resource Manager	237	0.35	\$ 92,316
Administrative Manager	234	0.45	\$ 101,354
Regulatory Compliance Manager	229	0.35	\$ 62,817
Chief Information Officer	226	0.45	\$ 66,966
Resource Specialist	113	0.35	\$ 54,456
Senior Engineering Technician	110	0.42	\$ 58,643
Accountant	108	0.50	\$ 85,728
Administrative Assistant I	39	0.50	\$ 81,892
Administrative Clerk IV	35	0.50	\$ 66,941
Administrative Clerk I	23	0.50	\$ 47,683
Total		5.69	\$ 1,164,721

¹ The positions that are assigned a FTE value of less than 1.0 are involved in other divisions such as the Sewer Division and Recycled Water Division.

This year, the Administrative Services Department will be allocated \$3,114,832 (not including asset acquisitions & capital improvements), which represents an increase of \$12,523 as compared to the prior year modified budget, or a 0.4% increase.

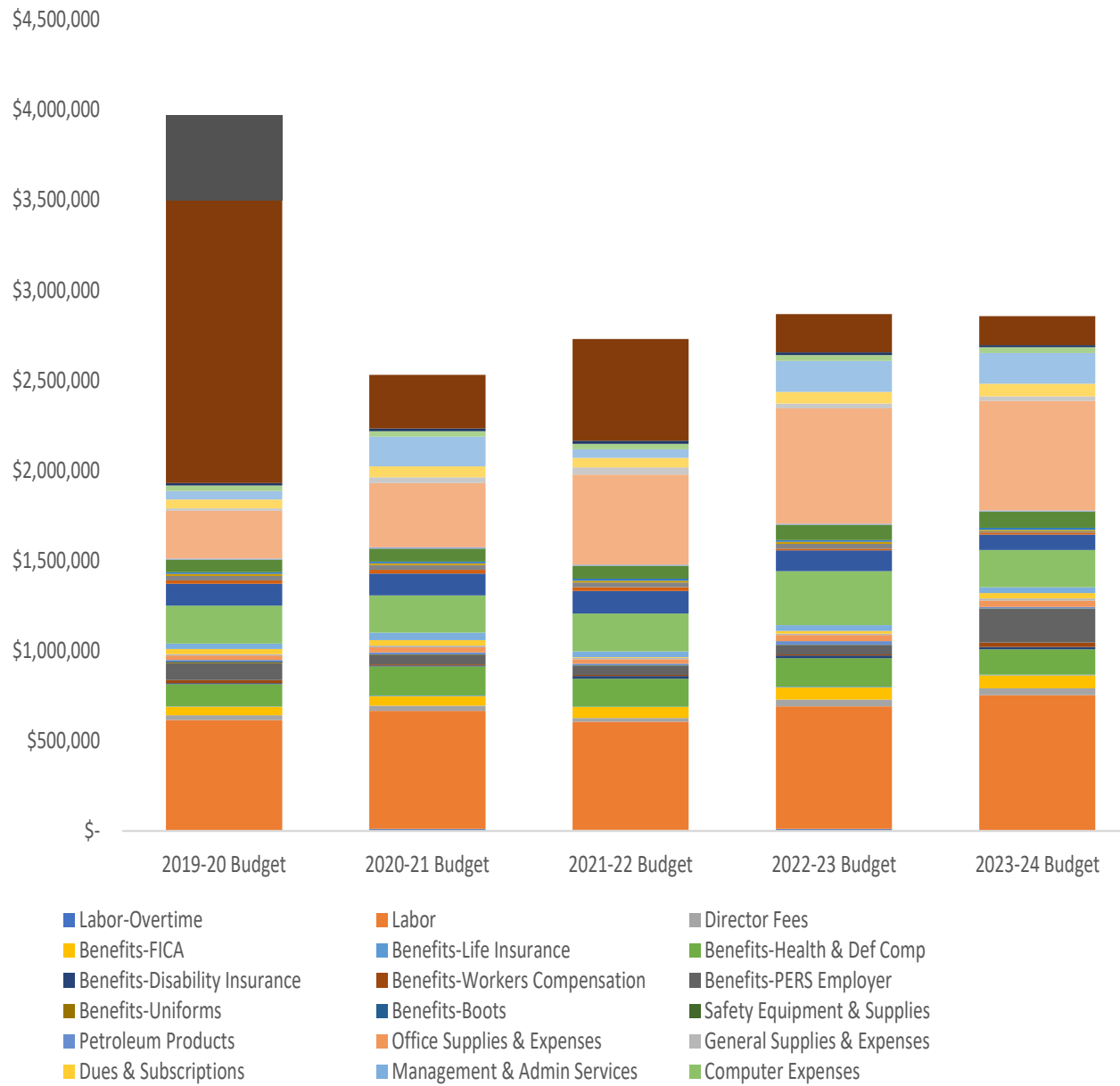
Anticipated Issues for this Fiscal Year – The following issues have been identified for this fiscal year. The specific resolution to the issues presented below may need to be further analyzed by District staff and presented to the Board of Directors for the adoption of a specific policy, procurement or other action as deemed necessary.

- The District continues to underfund our actual depreciation expenses. This issue is most readily apparent in the annual financial audit which shows the following funded and unfunded depreciation expense. The underfunded depreciation has been addressed as part of the most recent rate study and will continue to improve over the next few years.

In order to adequately fund the repair and replacement of District facilities, additional funding is necessary.

Budget Overview – The following illustration shows the budgeted line items for the **Administrative Services** Budget.

Expense Budget



Sewer Administrative Services Department

Account	2019-20 Budget	2019-20 Actual	2020-21 Budget	2020-21 Actual	2021-22 Budget	2021-22 Actual	2022-23 Budget	2022-23 Estimated	2023-24 Budget	Increase (Decrease) in Budget	Increase (Decrease) %
03-506-50009. Labor - Overtime	\$ -	\$ 8,235	\$ 12,436	\$ 2,960	\$ 5,736	\$ 9,389	\$ 12,559	\$ 6,783	\$ 3,075	\$ (9,484)	-75.5%
03-506-50010. Labor	\$ 616,295	\$ 538,946	\$ 655,148	\$ 612,172	\$ 601,289	\$ 644,702	\$ 679,057	\$ 662,976	\$ 751,478	\$ 72,421	10.7%
03-506-50011. Labor - Credit	\$ -	\$ 509	\$ -	\$ 1,049	\$ -	\$ 6,854	\$ -	\$ 843	\$ -	\$ -	
03-506-50012. Director Fees	\$ 26,000	\$ 28,438	\$ 27,300	\$ 30,179	\$ 20,000	\$ 31,279	\$ 38,578	\$ 41,278	\$ 38,215	\$ (363)	-0.9%
03-506-50013. Benefits-FICA	\$ 47,147	\$ 45,281	\$ 53,161	\$ 50,824	\$ 60,028	\$ 53,992	\$ 67,870	\$ 53,726	\$ 71,590	\$ 3,720	5.5%
03-506-50014. Benefits-Life Insurance	\$ 3,120	\$ 1,024	\$ 3,964	\$ 999	\$ 2,839	\$ 872	\$ 4,167	\$ 956	\$ 4,021	\$ (146)	-3.5%
03-506-50016. Benefits-Health & Def Comp	\$ 122,640	\$ 181,270	\$ 161,439	\$ 204,811	\$ 155,786	\$ 195,158	\$ 155,451	\$ 204,756	\$ 140,060	\$ (15,391)	-9.9%
03-506-50017. Benefits Disability Insurane	\$ 5,547	\$ 7,507	\$ 6,007	\$ 7,550	\$ 13,969	\$ 8,665	\$ 15,260	\$ 7,718	\$ 13,102	\$ (2,158)	-14.1%
03-506-50019. Benefits-Workers Compensation	\$ 16,640	\$ 13,476	\$ 4,454	\$ 20,367	\$ 5,861	\$ 17,617	\$ 6,374	\$ 13,833	\$ 24,059	\$ 17,685	277.5%
03-506-50021. Benefits-PERS Employee	\$ -	\$ -	\$ -	\$ (366)	\$ -	\$ (458)	\$ -	\$ (767)	\$ -	\$ -	
03-506-50022. Benefits-PERS Employer	\$ 92,444	\$ 44,120	\$ 53,984	\$ 346,448	\$ 49,910	\$ 49,491	\$ 50,436	\$ 500,984	\$ 187,022	\$ 136,586	270.8%
03-506-50023. Benefits-Uniforms	\$ 3,250	\$ 204	\$ 175	\$ 357	\$ -	\$ 920	\$ 705	\$ 1,389	\$ -	\$ (705)	-100.0%
03-506-50024. Benefits-Vacation & Sick Pay	\$ 5,000	\$ 5,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
03-506-50025. Benefits-Boots & Incentives	\$ 1,950	\$ 2,385	\$ 2,115	\$ 1,830	\$ 2,619	\$ 100	\$ 2,694	\$ 2,444	\$ 2,291	\$ (403)	-15.0%
03-506-51120. Safety Equipment & Supplies	\$ 9,500	\$ 9,289	\$ 9,690	\$ 25,651	\$ 9,884	\$ 23,925	\$ 19,658	\$ 8,300	\$ 8,500	\$ (11,158)	-56.8%
03-506-51125. Petroleum Products	\$ 24,000	\$ 27,232	\$ 29,000	\$ 29,000	\$ 24,970	\$ 31,413	\$ 35,000	\$ 35,214	\$ 36,000	\$ 1,000	2.9%
03-506-51130. Office Supplies & Expenses	\$ 7,000	\$ 8,071	\$ 9,200	\$ 7,485	\$ 7,283	\$ 13,174	\$ 7,428	\$ 12,280	\$ 11,000	\$ 3,572	48.1%
03-506-51140. General Supplies & Expenses	\$ 30,000	\$ 13,393	\$ 30,600	\$ 2,995	\$ 5,000	\$ 20,507	\$ 15,263	\$ 28,887	\$ 29,000	\$ 13,737	90.0%
03-506-51199. Disaster Repairs & Incidences	\$ -	\$ (349,712)	\$ -	\$ 2,534	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
03-506-54002. Dues & Subscriptions	\$ 30,000	\$ 30,759	\$ 41,000	\$ 28,691	\$ 31,212	\$ 27,755	\$ 31,836	\$ 35,945	\$ 32,476	\$ 640	2.0%
03-506-54003. Management & Admin Services	\$ 210,000	\$ 210,000	\$ 206,550	\$ 206,550	\$ 210,681	\$ 210,681	\$ 299,609	\$ 214,895	\$ 207,554	\$ (92,055)	-30.7%
03-506-54005. Computer Expenses	\$ 120,000	\$ 77,856	\$ 122,400	\$ 111,677	\$ 124,848	\$ 99,186	\$ 115,486	\$ 78,929	\$ 85,000	\$ (30,486)	-26.4%
03-506-54012. Education & Training	\$ 20,000	\$ 11,160	\$ 20,400	\$ 10,371	\$ 20,400	\$ 9,748	\$ 8,718	\$ 10,583	\$ 11,621	\$ 2,903	33.3%
03-506-54014. Public Relations	\$ 25,000	\$ 7,861	\$ 25,500	\$ 4,788	\$ 26,010	\$ 140	\$ 26,530	\$ 6,534	\$ 7,000	\$ (19,530)	-73.6%
03-506-54016. Travel Related Expenses	\$ 10,000	\$ 9,555	\$ 10,200	\$ 1,201	\$ 10,404	\$ 4,187	\$ 10,612	\$ 6,651	\$ 8,000	\$ (2,612)	-24.6%
03-506-54017. Certifications & Renewals	\$ 10,000	\$ 5,160	\$ 10,200	\$ 5,430	\$ 10,200	\$ 4,691	\$ 10,612	\$ 7,007	\$ 10,824	\$ 212	2.0%
03-506-54019. Licenses & Permits	\$ 70,000	\$ 77,172	\$ 71,400	\$ 78,698	\$ 72,828	\$ 82,546	\$ 85,000	\$ 109,349	\$ 90,198	\$ 5,198	6.1%
03-506-54020. Meeting Related Expenses	\$ 5,000	\$ 5,765	\$ 7,500	\$ 757	\$ 5,202	\$ 4,174	\$ 5,306	\$ 5,059	\$ 5,412	\$ 106	2.0%
03-506-54022. Utilities - YVWD Services	\$ 265,000	\$ 471,771	\$ 355,000	\$ 602,923	\$ 500,000	\$ 677,239	\$ 640,771	\$ 544,740	\$ 608,300	\$ (32,471)	-5.1%
03-506-54024. Waste Disposal	\$ 14,000	\$ 33,188	\$ 33,000	\$ 33,305	\$ 40,000	\$ 26,076	\$ 25,857	\$ 23,481	\$ 25,000	\$ (857)	-3.3%
03-506-54025. Telephone & Internet	\$ 50,000	\$ 61,959	\$ 60,000	\$ 62,765	\$ 52,020	\$ 67,504	\$ 65,060	\$ 69,722	\$ 70,000	\$ 4,940	7.6%
03-506-54104. Contractual Services	\$ 46,000	\$ 136,158	\$ 165,000	\$ 165,374	\$ 47,858	\$ 153,809	\$ 171,668	\$ 189,501	\$ 169,561	\$ (2,107)	-1.2%
03-506-54107. Legal	\$ 30,000	\$ 21,135	\$ 30,600	\$ 52,051	\$ 31,212	\$ 37,132	\$ 31,836	\$ 31,971	\$ 32,473	\$ 637	2.0%
03-506-54108. Audit & Accounting	\$ 15,000	\$ 14,232	\$ 15,300	\$ 9,600	\$ 15,606	\$ 12,529	\$ 15,918	\$ 10,139	\$ 12,000	\$ (3,918)	-24.6%
03-506-54109. Professional Fees	\$ 1,567,274	\$ 968,348	\$ 297,189	\$ 483,330	\$ 565,467	\$ 587,216	\$ 212,242	\$ 151,281	\$ 160,000	\$ (52,242)	-24.6%
03-506-55500. Depreciation	\$ 472,982	\$ 4,338,068	\$ -	\$ -	\$ -	\$ 4,683,902	\$ -	\$ -	\$ -	\$ -	
03-506-55510. Bond Issuance Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 182,085	\$ -	\$ -	\$ -	\$ -	
03-506-56001. Insurance	\$ 130,000	\$ 200,824	\$ 132,600	\$ 154,159	\$ 135,252	\$ 178,117	\$ 184,748	\$ 201,237	\$ 210,000	\$ 25,252	13.7%
03-506-57030. Regulatory Compliance	\$ 70,000	\$ 71,097	\$ 71,400	\$ 66,025	\$ 72,828	\$ 26,734	\$ 50,000	\$ 33,175	\$ 50,000	\$ -	0.0%
	\$ 4,170,789	\$ 7,336,734	\$ 2,733,912	\$ 3,424,540	\$ 2,937,202	\$ 8,183,053	\$ 3,102,309	\$ 3,311,799	\$ 3,114,832	\$ 12,523	0.4%

NOTE: Pages 3-31 through 3-55 following this spreadsheet will provide more detail on each line item.

Sewer Division – Administrative Services Department

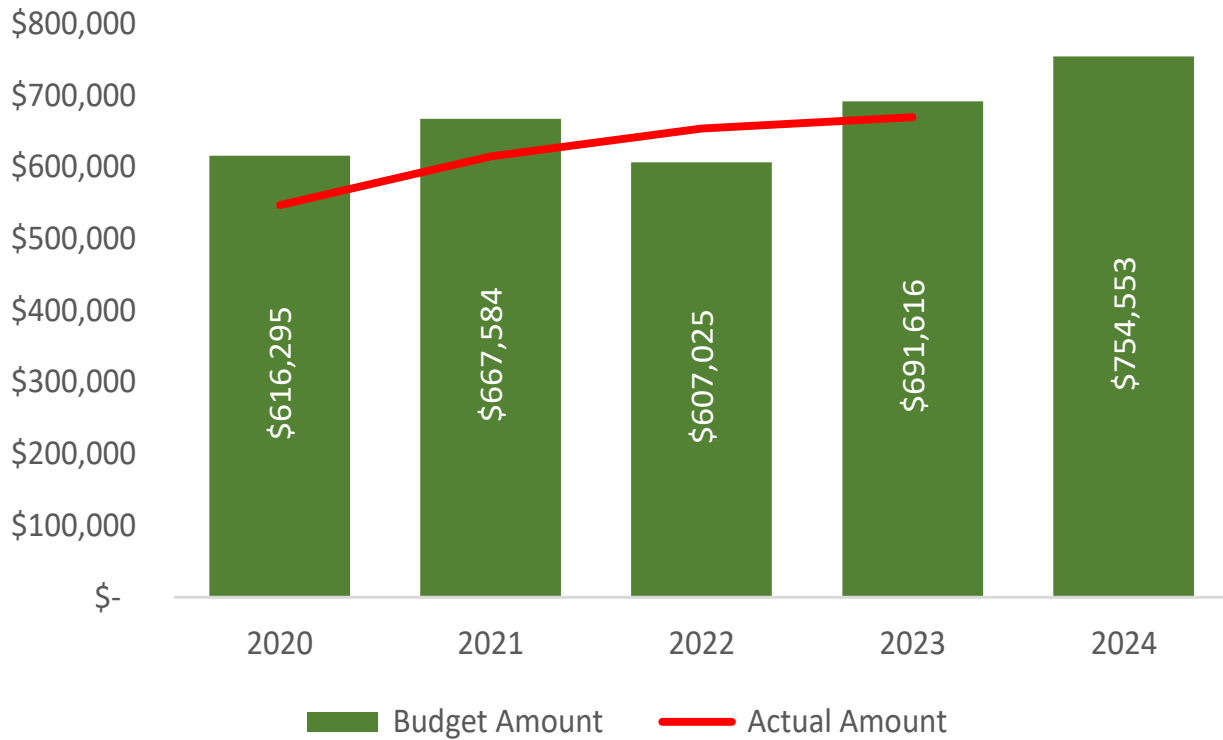
03-506-500xx

Labor

This budget category includes the base salaries and overtime associated with the Administrative Services Department staff members. Fiscal year 2020-21 was the first time the District had budgeted for overtime separately.

Account	2019-20 Actual	2020-21 Actual	2021-22 Actual	2022-23 Projection	2023-24 Budget
03-506-50009. Labor - Overtime	\$ 8,235	\$ 2,960	\$ 9,389	\$ 6,783	\$ 3,075
03-506-50010. Labor	\$ 538,946	\$ 612,172	\$ 644,702	\$ 662,976	\$ 751,478
	\$ 547,181	\$ 615,132	\$ 654,091	\$ 669,759	\$ 754,553

Budget vs. Actual



Sewer Division – Administrative Services Department

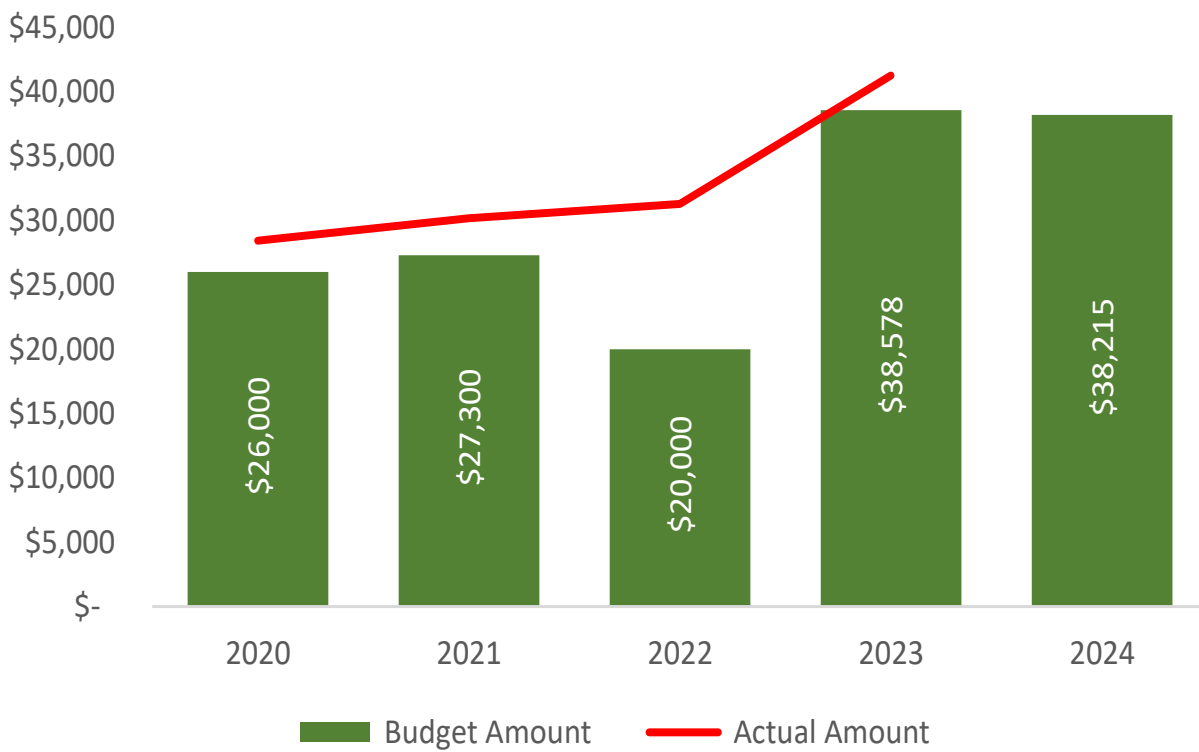
03-506-50012

Director Fees

Director related expenses for meetings, travel, seminars and related events will be expensed to this budget category.

2019-20 Actual	2020-21 Actual	2021-22 Actual	2022-23 Projected		2023-24 Budget
\$ 28,438	\$ 30,179	\$ 31,279	\$ 41,278		\$ 38,215

Budget vs. Actual



Sewer Division – Administrative Services Department

03-506-500xx

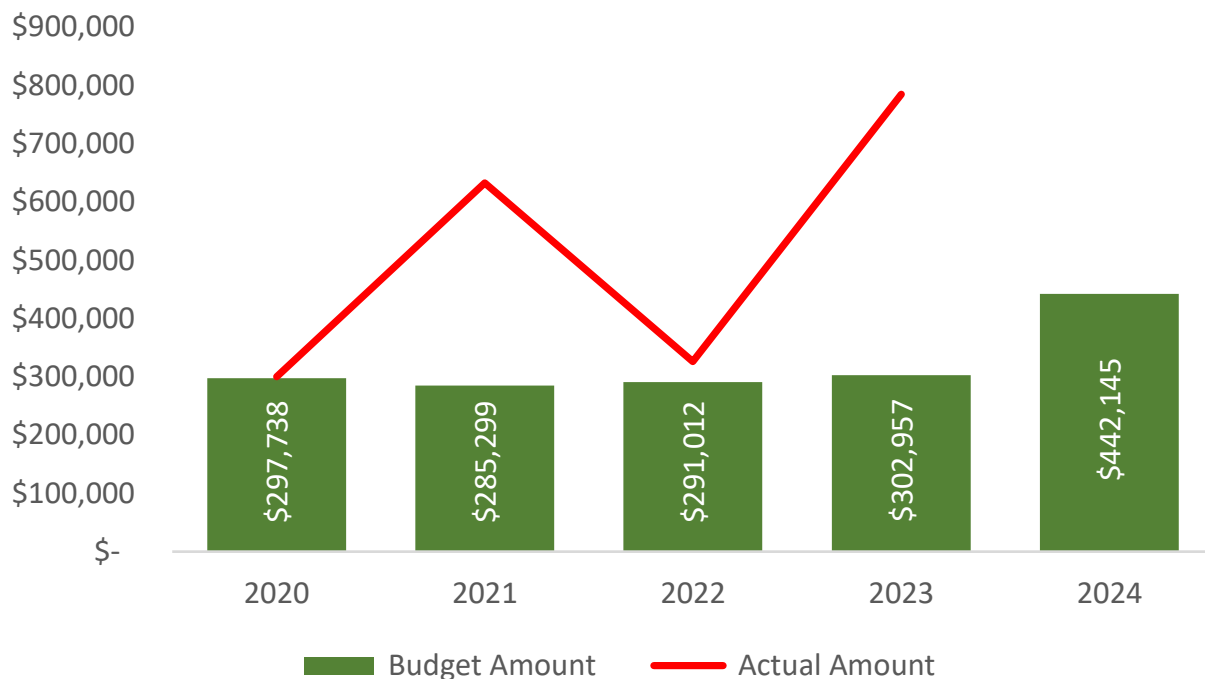
Benefits

This budget category includes the District paid benefits for the staff members of the Administrative Services Department including a portion of benefits paid to Directors.

Account	2019-20 Actual	2020-21 Actual	2021-22 Actual	2022-23 Projection	2023-24 Budget
03-506-50013. Benefits-FICA	\$ 45,281	\$ 50,824	\$ 53,992	\$ 53,726	\$ 71,590
03-506-50014. Benefits-Life Insurance	\$ 1,024	\$ 999	\$ 872	\$ 956	\$ 4,021
03-506-50016. Benefits-Health & Def Comp	\$ 181,270	\$ 204,811	\$ 195,158	\$ 204,756	\$ 140,060
03-506-50017. Benefits Disability Insurane	\$ 7,507	\$ 7,550	\$ 8,665	\$ 7,718	\$ 13,102
03-506-50019. Benefits-Workers Compensation	\$ 13,476	\$ 20,367	\$ 17,617	\$ 13,833	\$ 24,059
03-506-50021. Benefits-PERS Employee	\$ -	\$ (366)	\$ (458)	\$ (767)	\$ -
03-506-50022. Benefits-PERS Employer	\$ 44,120	\$ 346,448	\$ 49,491	\$ 500,984	\$ 187,022
03-506-50023. Benefits-Uniforms	\$ 204	\$ 357	\$ 920	\$ 1,389	\$ -
03-506-50024. Benefits-Vacation & Sick Pay	\$ 5,000	\$ -	\$ -	\$ -	\$ -
03-506-50025. Benefits-Boots & Incentives	\$ 2,385	\$ 1,830	\$ 100	\$ 2,444	\$ 2,291
	\$ 300,266	\$ 632,820	\$ 326,358	\$ 785,039	\$ 442,145

Benefits are automatically calculated as a result of payroll within the system. Beginning in fiscal year 2023-24, the District has included the annual PERS Unfunded Liability payment within the budget allocated by staffing throughout the District.

Budget vs. Actual



Sewer Division – Administrative Services Department

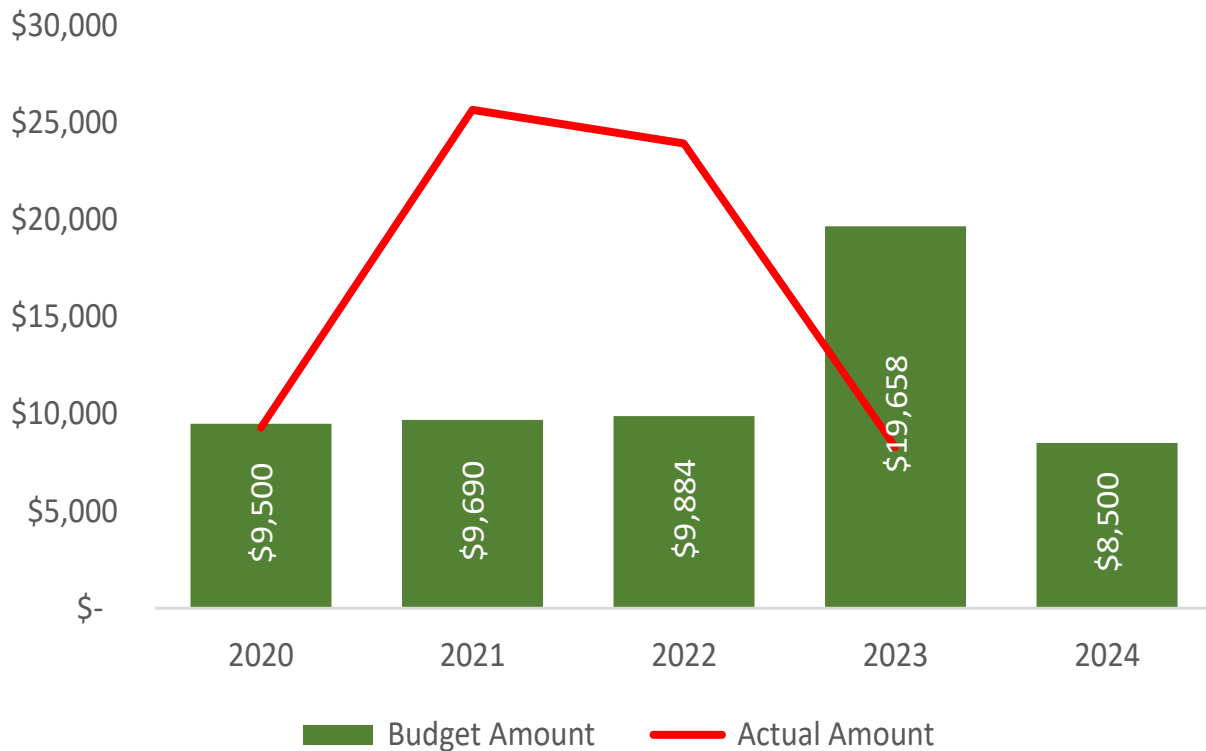
03-506-51120

Safety Equipment & Supplies

This budget category represents the annual projected costs associated with the purchase of safety equipment necessary to comply with Cal-OSHA, NIOSHAS, confined space, Hazmat, and Cal Trans Requirements. The budget amount for fiscal year 2023-24 has been decreased as a result of trending.

2019-20 Actual	2020-21 Actual	2021-22 Actual	2022-23 Projected	2023-24 Budget
\$ 9,289	\$ 25,651	\$ 23,925	\$ 8,300	\$ 8,500

Budget vs. Actual



Sewer Division – Administrative Services Department

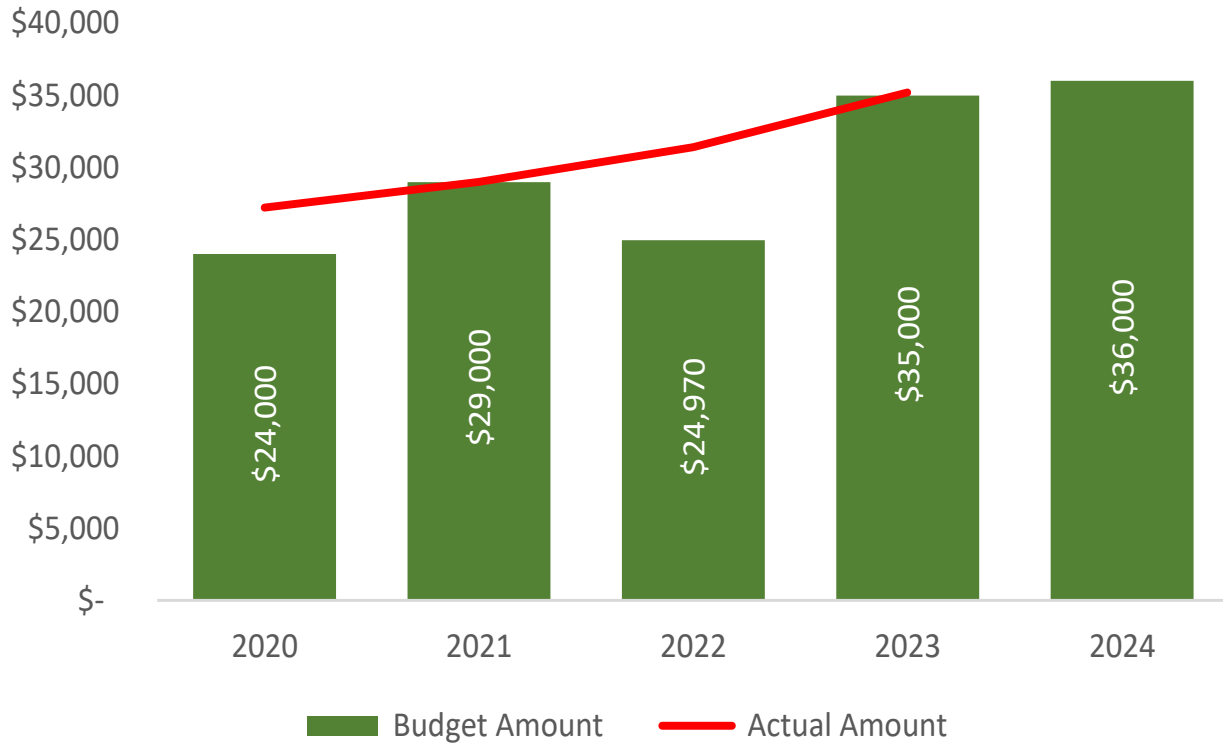
03-506-51125

Petroleum Products

This budget category represents the projected costs associated with the purchase of gasoline, propane, oil and diesel fuel for District vehicles and equipment. The budget amount for fiscal year 2023-24 has been slightly increased as a result of trending.

2019-20 Actual	2020-21 Actual	2021-22 Actual	2022-23 Projected		2023-24 Budget
\$ 27,232	\$ 29,000	\$ 31,413	\$ 35,214		\$ 36,000

Budget vs. Actual



Sewer Division – Administrative Services Department

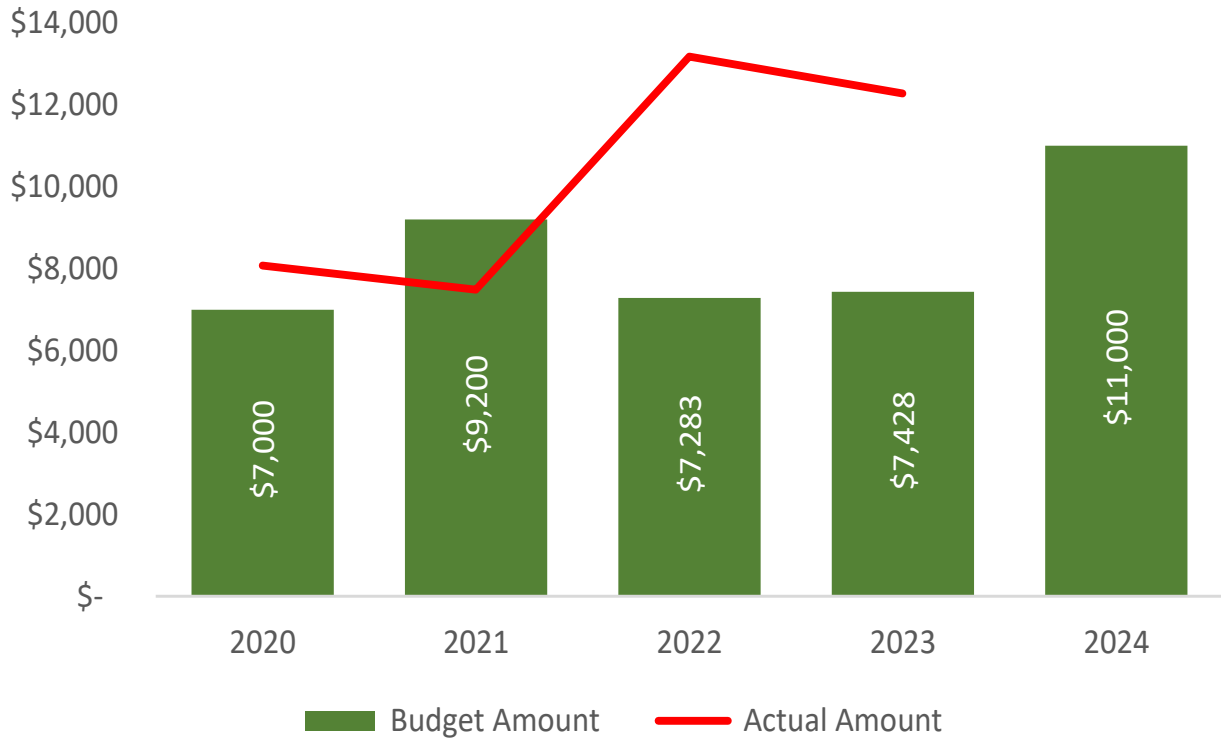
03-506-51130

Office Supplies & Expenses

This budget category is used for office supplies for the sewer division including toner, ink, paper and various other products.

2019-20 Actual	2020-21 Actual	2021-22 Actual	2022-23 Projected		2023-24 Budget
\$ 8,071	\$ 7,485	\$ 13,174	\$ 12,280		\$ 11,000

Budget vs. Actual



Sewer Division – Administrative Services Department

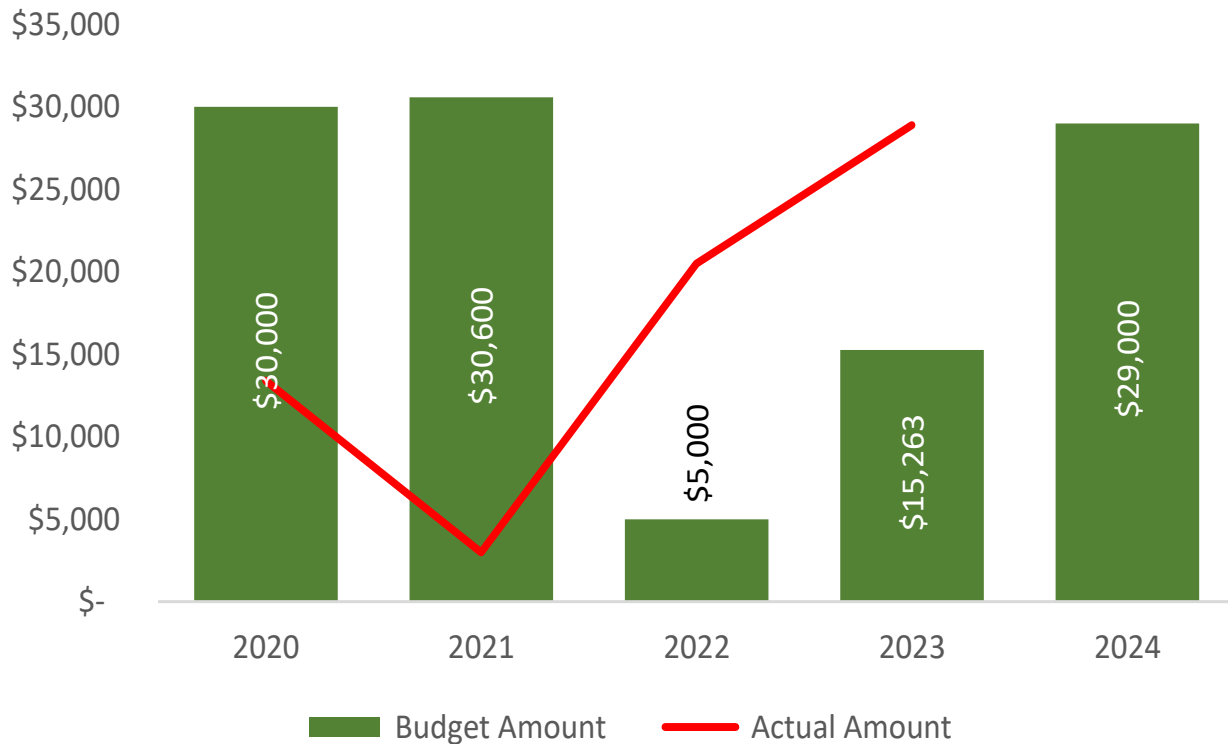
03-506-51140

General Supplies & Expenses

This budget includes the supplies and expenses related to the operation of the Administrative Services Department including primarily the quarterly bank fees as well as general supplies for facilities and periodic shredding services. The budget amount for fiscal year 2023-24 has been increased as a result of trending.

2019-20 Actual	2020-21 Actual	2021-22 Actual	2022-23 Projected		2023-24 Budget
\$ 13,393	\$ 2,995	\$ 20,507	\$ 28,887		\$ 29,000

Budget vs. Actual



Sewer Division – Administrative Services Department

03-506-54002

Dues & Subscriptions

This budget category includes all costs related to membership dues and periodical subscriptions for the sewer division during the fiscal year.

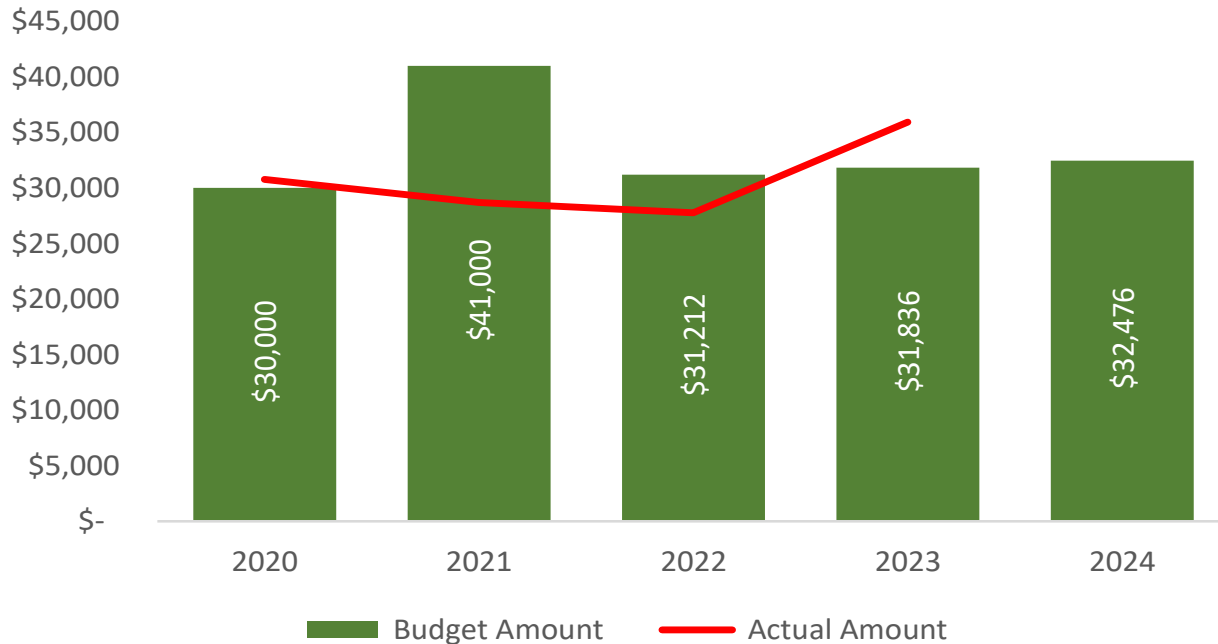
Line Item Detail:

Association of San Bernardino County Special Districts	\$ 169
California Association of Sanitation Agencies (CASA)	\$ 18,000
California Special Districts Association (CSDA)	\$ 3,965
California Water Environmental Association (CWEA)	\$ 1,212
Clean Water SoCal	\$ 3,119
Southwest Membrane Operator Association	\$ 1,490
Water Environment Federation (WEF)	\$ 609
Potential future costs	<u>\$ 3,912</u>
Total	\$ 32,476

2019-20 Actual	2020-21 Actual	2021-22 Actual	2022-23 Projected
\$ 30,759	\$ 28,691	\$ 27,755	\$ 35,945

2023-24 Budget
\$ 32,476

Budget vs. Actual



Sewer Division – Administrative Services Department

03-506-54003

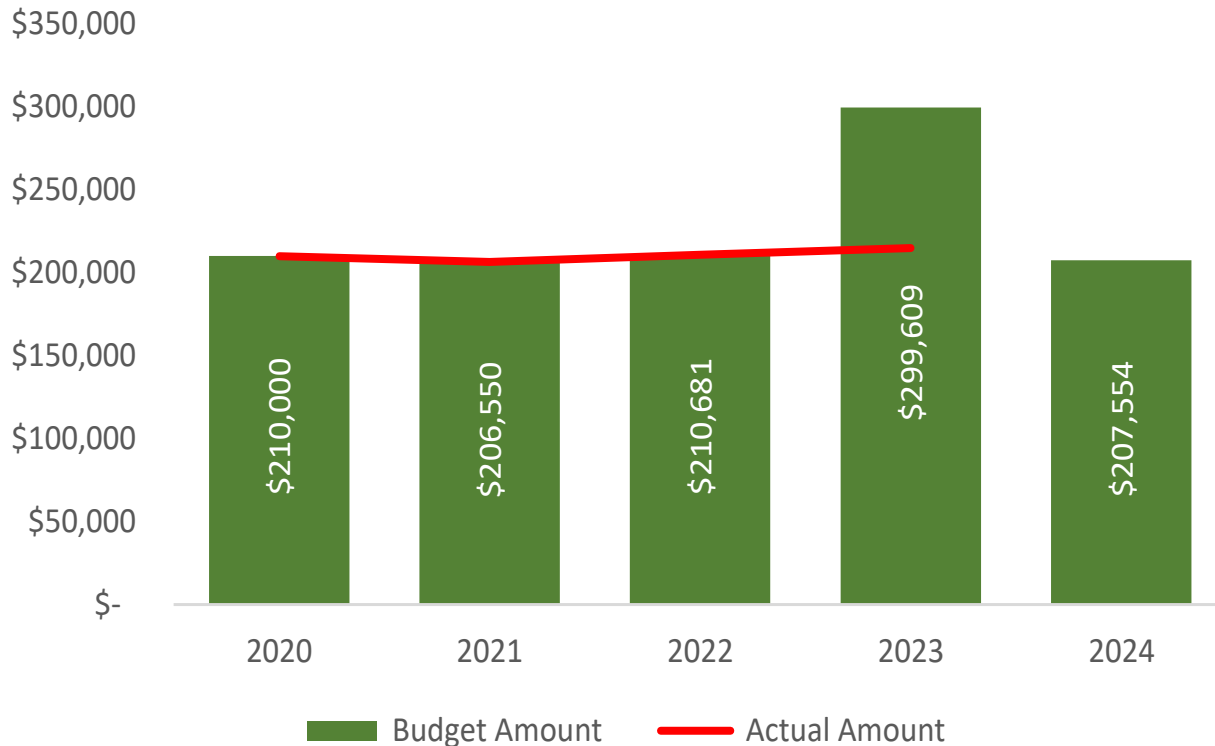
Management & Administrative Services

This category includes management and accounting services related to the operation of the Sewer Division. The expenses for this year will be considered in future years as a reimbursement to the Water Division. The budget for fiscal year 2023-24 has been reduced as a result of trending.

Line Item Detail:	Budget Categories Paid Entirely by the Water Division That Also Provide a Direct Benefit to the Sewer Division	Total Expense Paid by Water Division	Water Division Allocation	Sewer Division Allocation
	Admin: Utility Billing Expenses (63%:37%)	\$ 255,000	\$ 160,650	\$ 94,350
	Admin: Maintenance-Structures (60%:40%)	\$ 37,855	\$ 22,731	\$ 15,154
	Public Works: R&M-Vehicles & Equipment (63%:37%)	\$ 265,000	\$ 166,950	\$ 98,050
		\$ 557,855	\$ 350,331	\$ 207,554

2019-20 Actual	2020-21 Actual	2021-22 Actual	2022-23 Projected	2023-24 Budget
\$ 210,000	\$ 206,550	\$ 210,681	\$ 214,895	\$ 207,554

Budget vs. Actual



Sewer Division – Administrative Services Department

03-506-54005

Computer Expenses

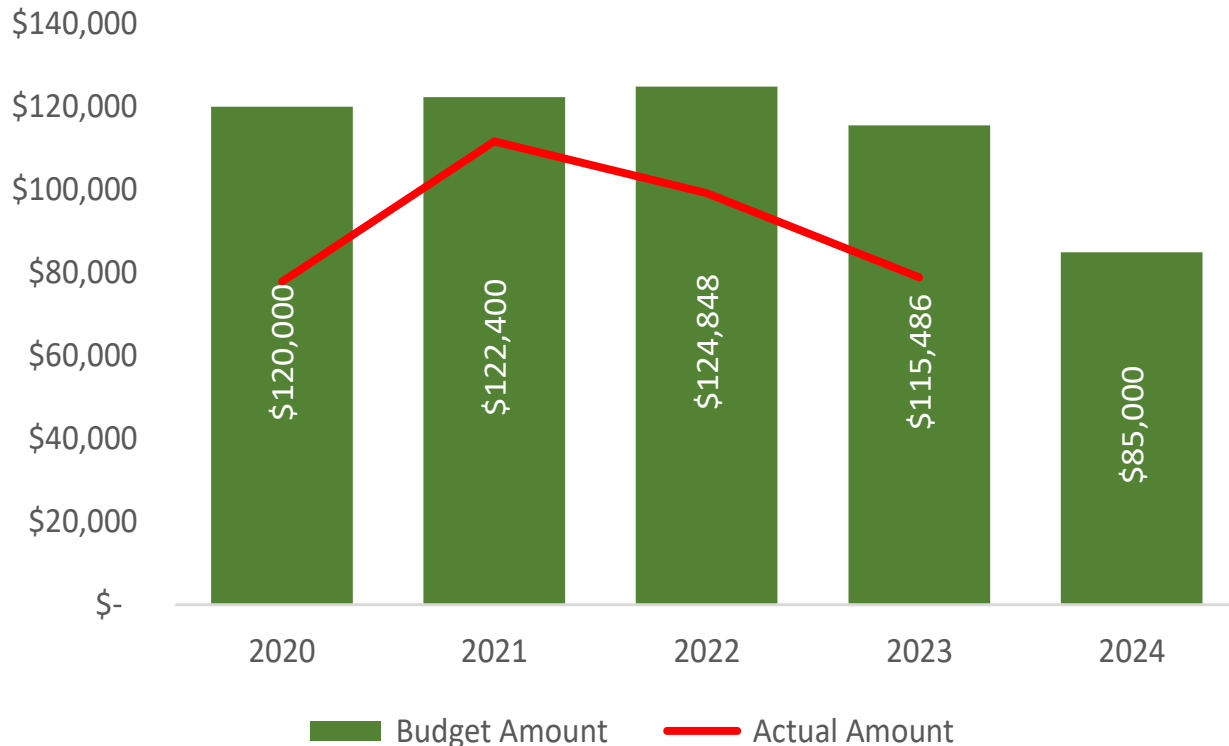
The District staff relies heavily upon the proper orientations and integration of our various computer systems. Therefore, this budget category includes the costs related to modifications and improvements in the operation of the computer systems. The budget amount for fiscal year 2023-24 has been reduced as a result of trending.

Line Item Detail:

Computer and Network Maintenance	\$ 42,000
Hardware and Software	\$ 40,000
General Accounting and Customer Service Programs	\$ 3,000
Total	\$ 85,000

2019-20 Actual	2020-21 Actual	2021-22 Actual	2022-23 Projected	2023-24 Budget
\$ 77,856	\$ 111,677	\$ 99,186	\$ 78,929	\$ 85,000

Budget vs. Actual



Sewer Division – Administrative Services Department

03-506-54012

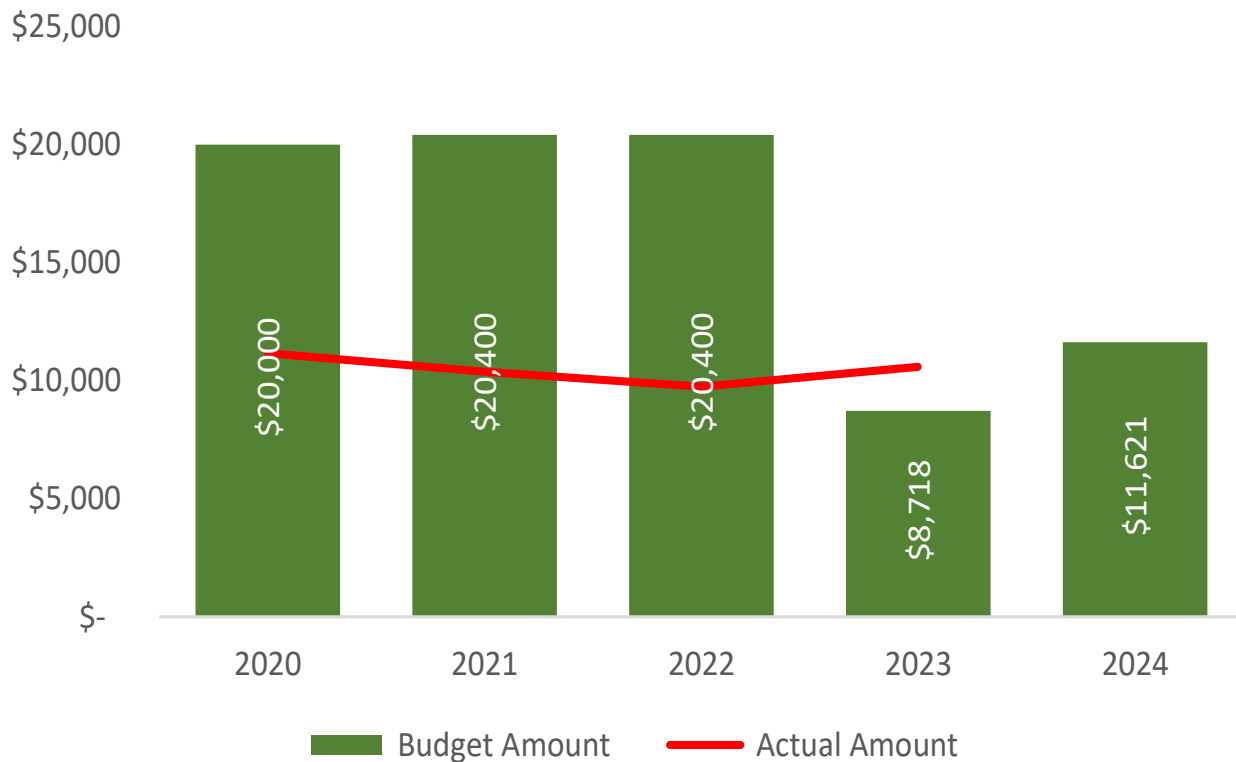
Education & Training

This budget category was split in fiscal year 2020-21 to allocate funding to specific departments within the Sewer Division. This line item is used for all education and training for employees allocated to the Administrative Services Department. The budgeted amount is based on the allocation of staffing for this department. The budget amount for fiscal year 2023-24 has been increased as a result of trending.

2019-20 Actual	2020-21 Actual	2021-22 Actual	2022-23 Projected
\$ 11,160	\$ 10,371	\$ 9,748	\$ 10,583

2023-24 Budget
\$ 11,621

Budget vs. Actual



Sewer Division – Administrative Services Department

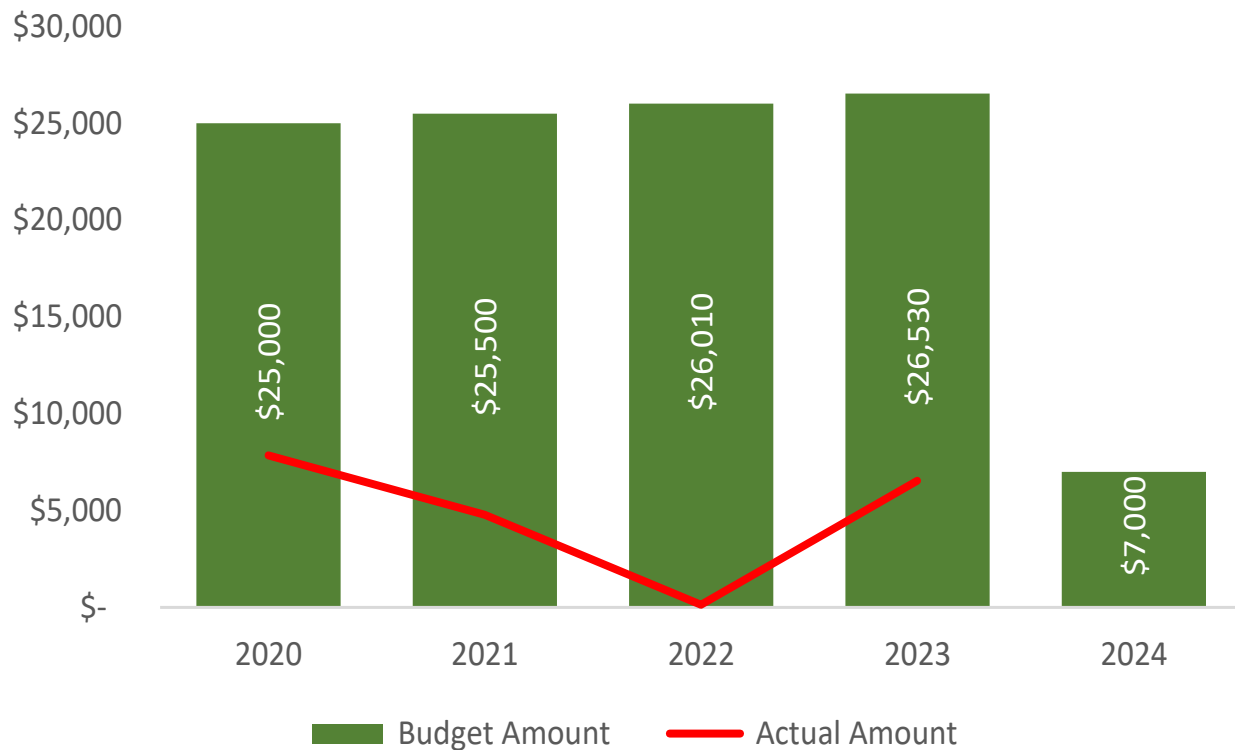
03-506-54014

Public Relations

This budget category represents the annual projected costs associated with public relations efforts which include public tours and tours for school children as well as all costs associated with printing business forms and public hearing notices and job announcements. The budget for fiscal year 2023-24 has been reduced as a result of trending.

2019-20 Actual	2020-21 Actual	2021-22 Actual	2022-23 Projected	2023-24 Budget
\$ 7,861	\$ 4,788	\$ 140	\$ 6,534	\$ 7,000

Budget vs. Actual



Sewer Division – Administrative Services Department

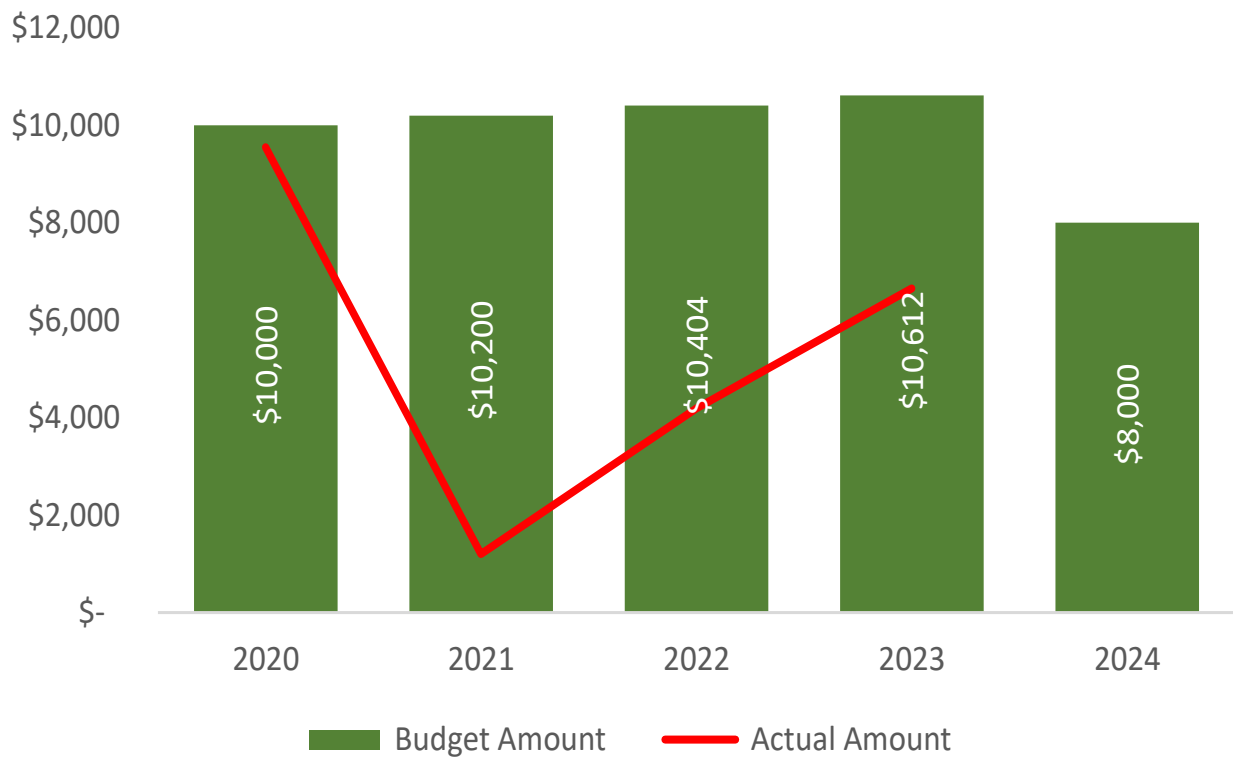
03-506-54016

Travel Related Expenses

This budget category includes travel related expenses associated with the Sewer Division.

2019-20 Actual	2020-21 Actual	2021-22 Actual	2022-23 Projected		2023-24 Budget
\$ 9,555	\$ 1,201	\$ 4,187	\$ 6,651		\$ 8,000

Budget vs. Actual



Sewer Division – Administrative Services Department

03-506-54017

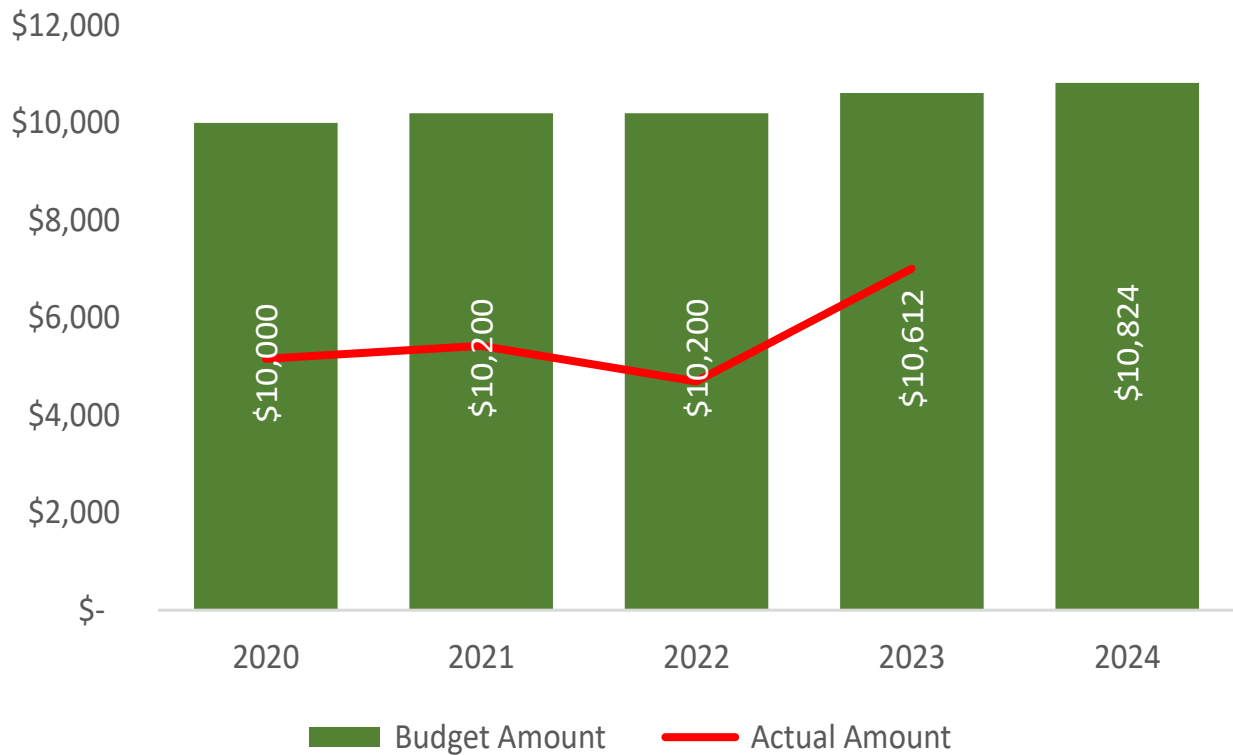
Certifications & Renewals

This budget category is for the allocation of employee certifications for Sewer Employees in the Administrative Services Department.

2019-20 Actual	2020-21 Actual	2021-22 Actual	2022-23 Projected
\$ 5,160	\$ 5,430	\$ 4,691	\$ 7,007

2023-24 Budget
\$ 10,824

Budget vs. Actual



Sewer Division – Administrative Services Department

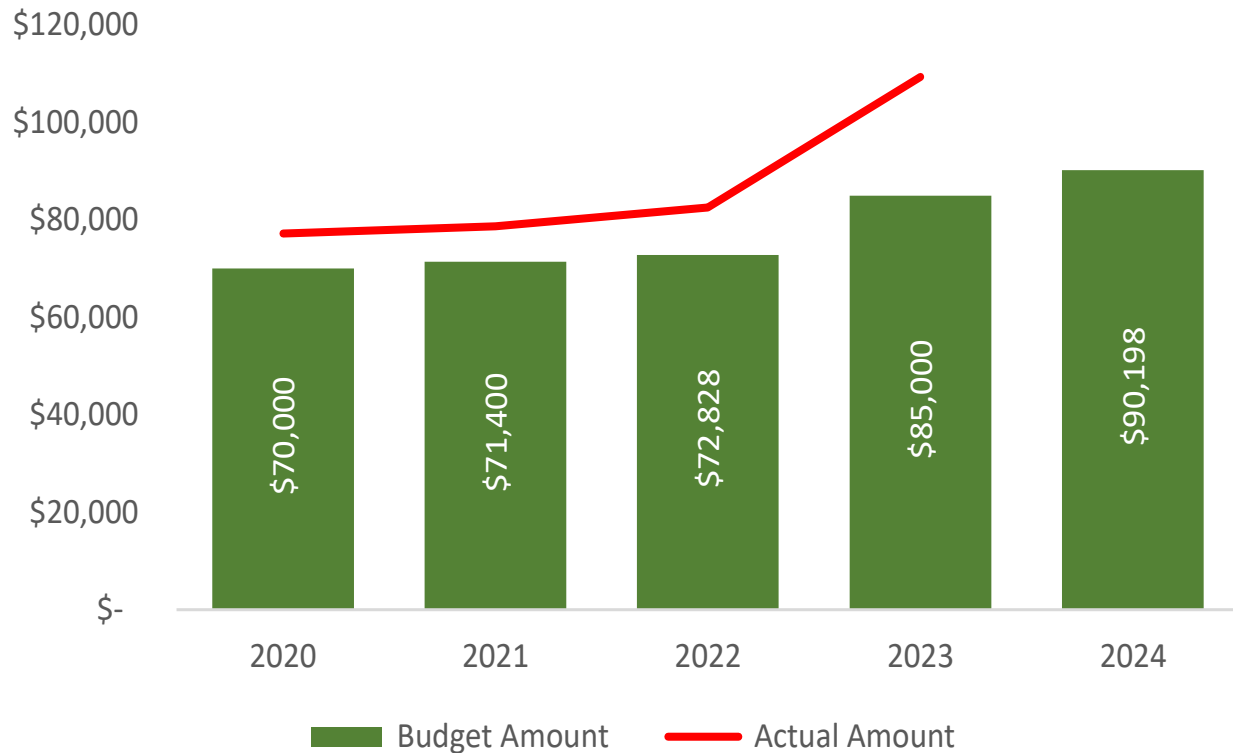
03-506-54019

Licenses & Permits

This budget category represents the projected costs associated with operating licenses and permits required by agencies such as the State Water Resources Control Board and the Air Quality Management District. The budget amount for fiscal year 2023-24 has been increased as a result of trending.

2019-20 Actual	2020-21 Actual	2021-22 Actual	2022-23 Projected	2023-24 Budget
\$ 77,172	\$ 78,698	\$ 82,546	\$ 109,349	\$ 90,198

Budget vs. Actual



Sewer Division – Administrative Services Department

03-506-54020

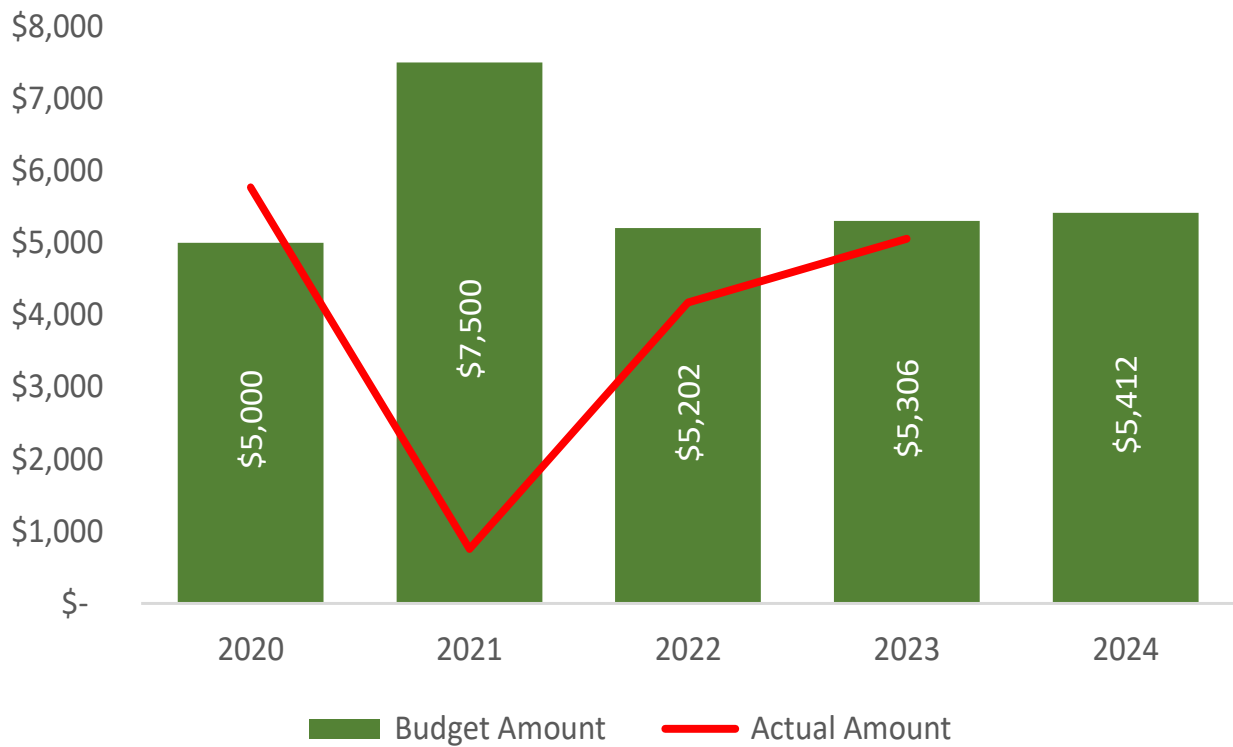
Meeting Related Expenses

The District hosts numerous meetings throughout the year which include several regional meetings for industry professionals. This budget category will be used for expenses related to meetings hosted or attended by the District for sewer related functions.

2019-20 Actual	2020-21 Actual	2021-22 Actual	2022-23 Projected
\$ 5,765	\$ 757	\$ 4,174	\$ 5,059

2023-24 Budget
\$ 5,412

Budget vs. Actual



Sewer Division – Administrative Services Department

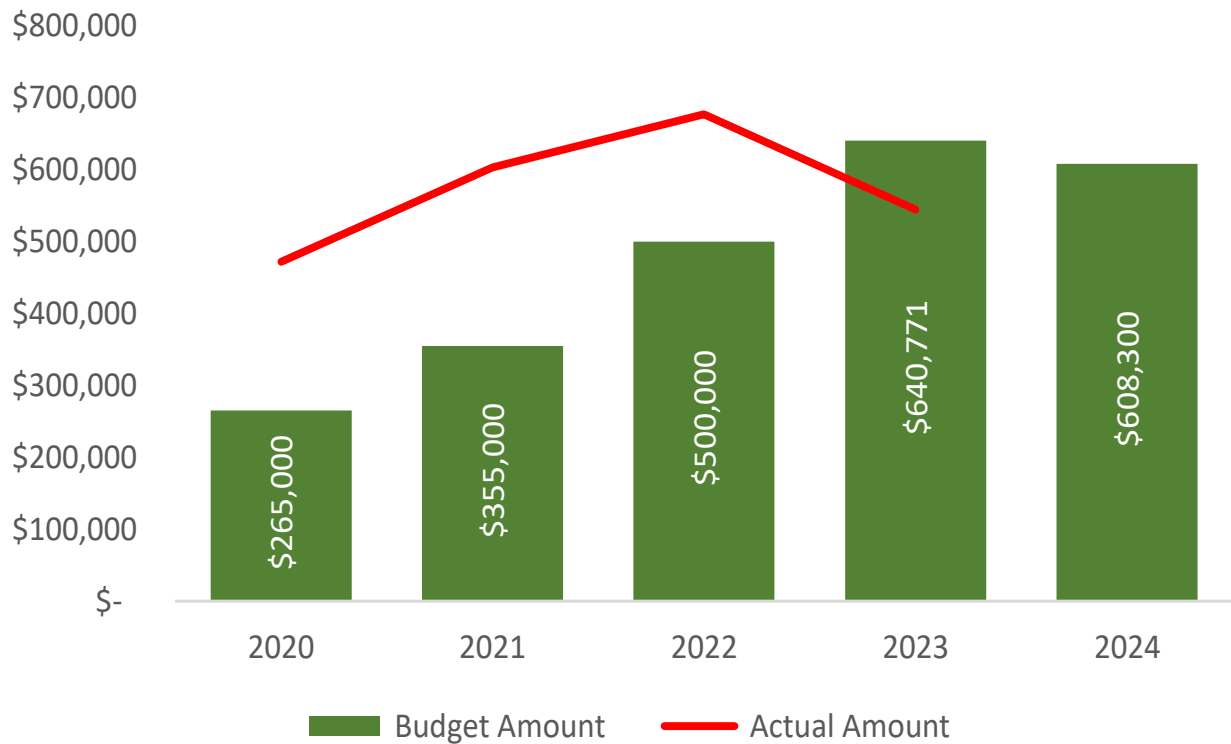
03-506-54022

Utilities – YVWD Services

This budget category is used for YVWD drinking water and sewer charges billed to the District. The budget amount for fiscal year 2023-24 has been decreased as a result of trending.

2019-20 Actual	2020-21 Actual	2021-22 Actual	2022-23 Projected	2023-24 Budget
\$ 471,771	\$ 602,923	\$ 677,239	\$ 544,740	\$ 608,300

Budget vs. Actual



Sewer Division – Administrative Services Department

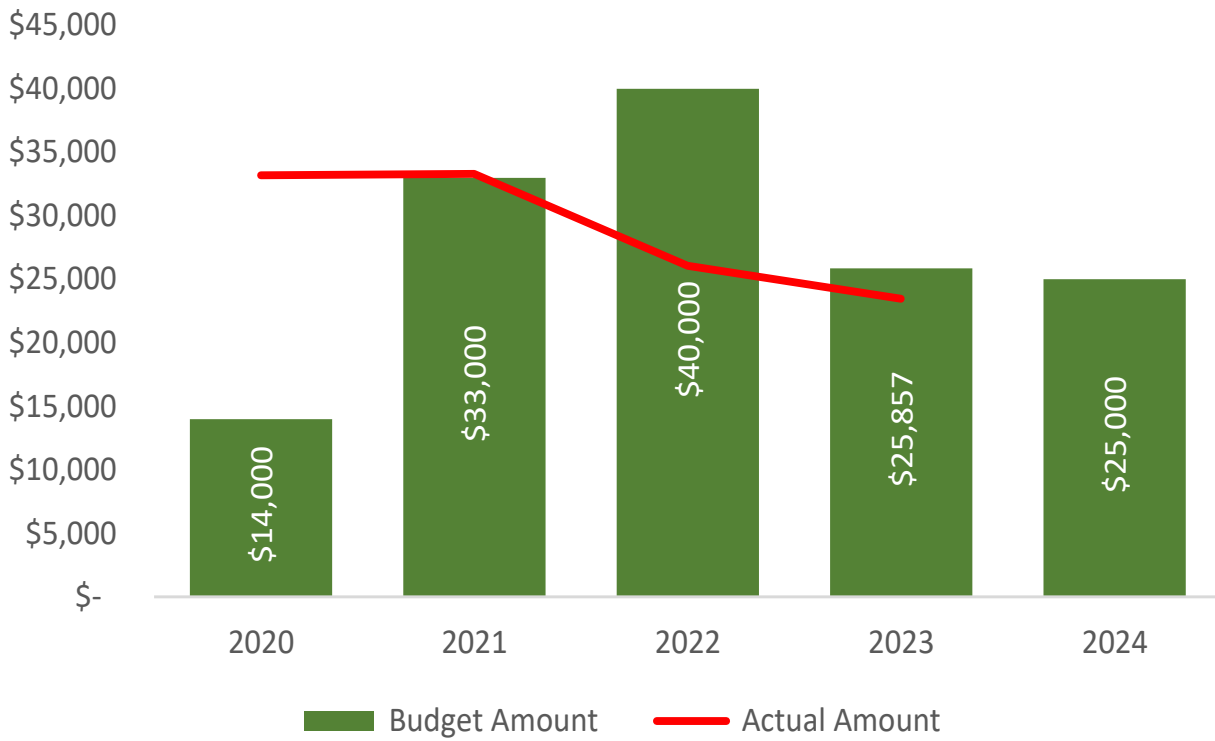
03-506-54024

Waste Disposal

This budget category represents the costs associated with waste disposal by the departments in the Sewer Division.

2019-20 Actual	2020-21 Actual	2021-22 Actual	2022-23 Projected	2023-24 Budget
\$ 33,188	\$ 33,305	\$ 26,076	\$ 23,481	\$ 25,000

Budget vs. Actual



Sewer Division – Administrative Services Department

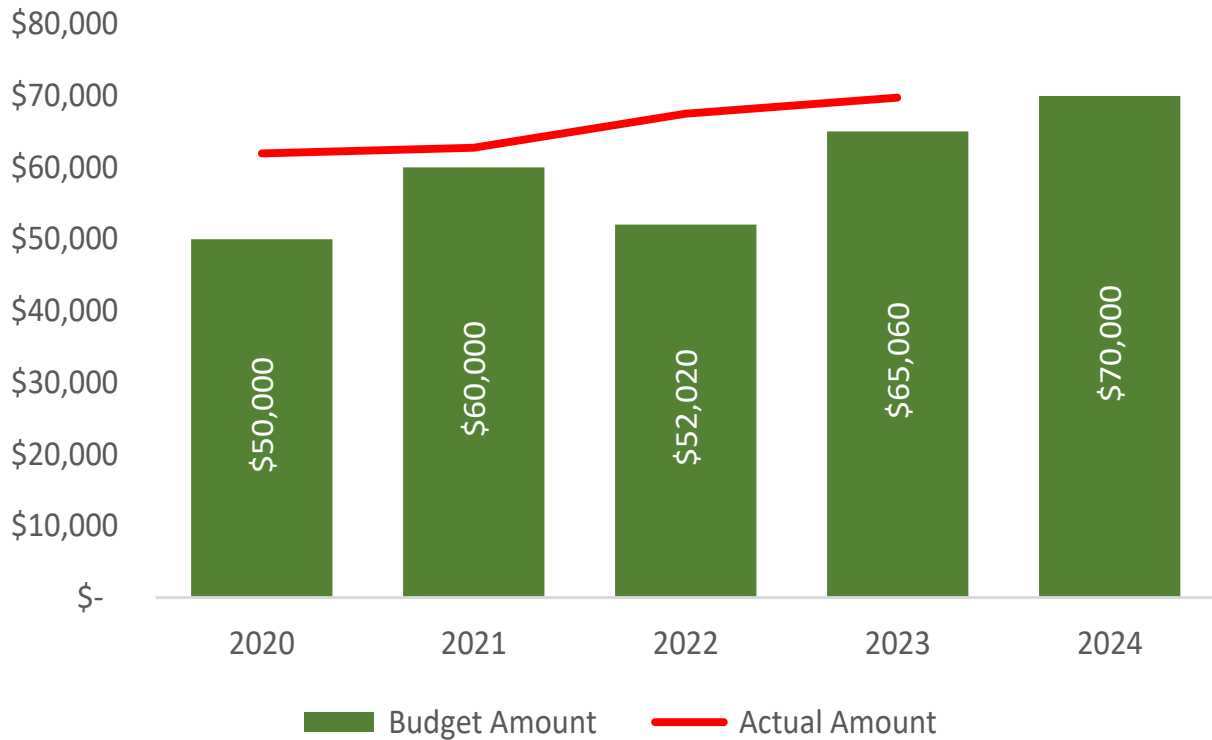
03-506-54025

Telephone & Internet

This budget category was split in fiscal year 2020-21 to allocate funding to specific departments within the Sewer Division. This line item is used for telephone, internet and cellular phone expenses allocated to the Administrative Services Department. The budget amount for fiscal year 2023-24 has been slightly increased as a result of trending.

2019-20 Actual	2020-21 Actual	2021-22 Actual	2022-23 Projected		2023-24 Budget
\$ 61,959	\$ 62,765	\$ 67,504	\$ 69,722		\$ 70,000

Budget vs. Actual



Sewer Division – Administrative Services Department

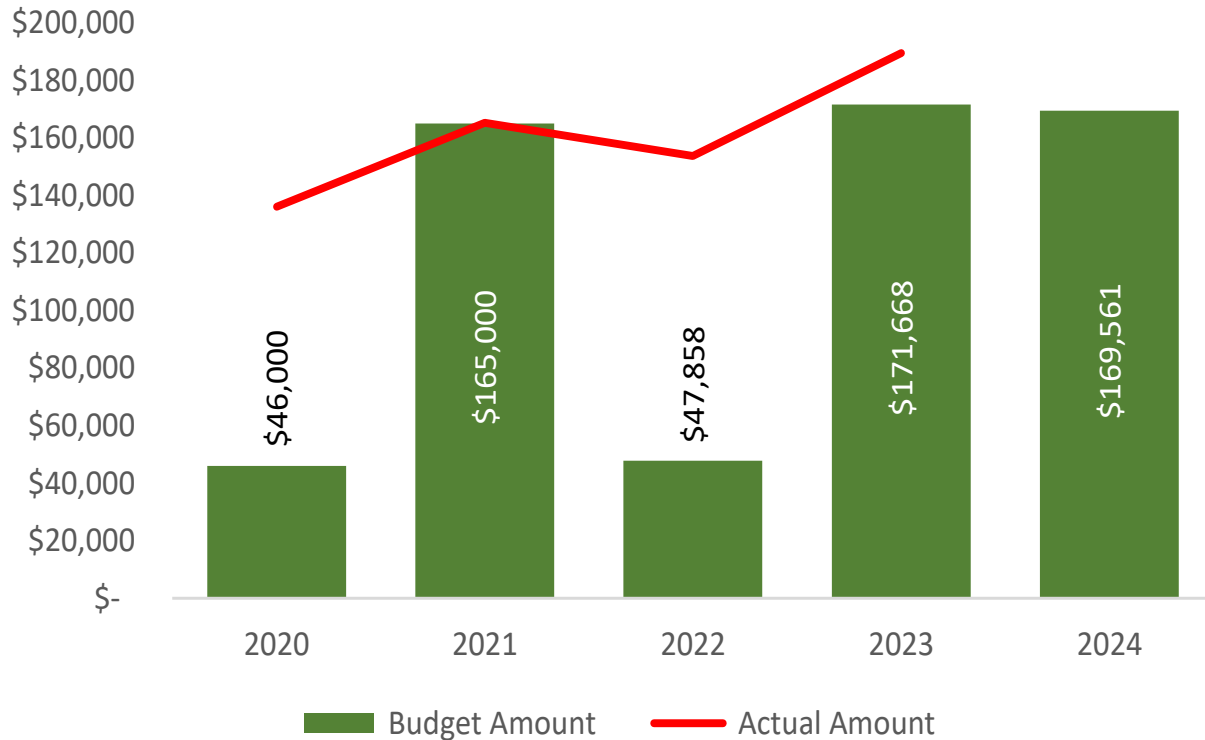
03-506-54104

Contractual Services

This budget category includes all contract service costs for equipment and services within the Sewer Division. These services include building security monitoring, copier maintenance, GIS maintenance, printer maintenance, answering service, landscape services, APN database, underground service alert, pest control and janitorial services.

2019-20 Actual	2020-21 Actual	2021-22 Actual	2022-23 Projected	2023-24 Budget
\$ 136,158	\$ 165,374	\$ 153,809	\$ 189,501	\$ 169,561

Budget vs. Actual



Sewer Division – Administrative Services Department

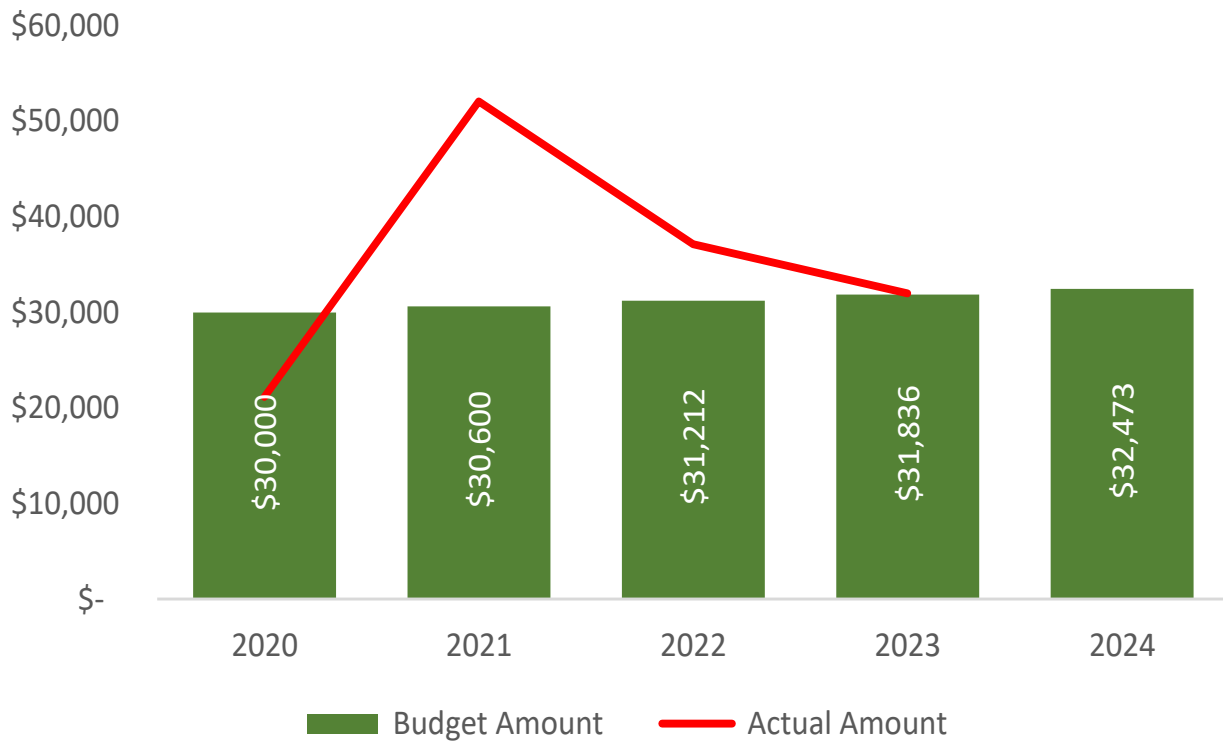
03-506-54107

Legal

This budget category is used for all sewer related legal costs. Legal fees related to drinking water issues will be expensed to the water budget (02-506-54107) and legal fees related to recycled water issues will be expensed to the recycled water budget (04-506-54107).

2019-20 Actual	2020-21 Actual	2021-22 Actual	2022-23 Projected	2023-24 Budget
\$ 21,135	\$ 52,051	\$ 37,132	\$ 31,971	\$ 32,473

Budget vs. Actual



Sewer Division – Administrative Services Department

03-506-54108

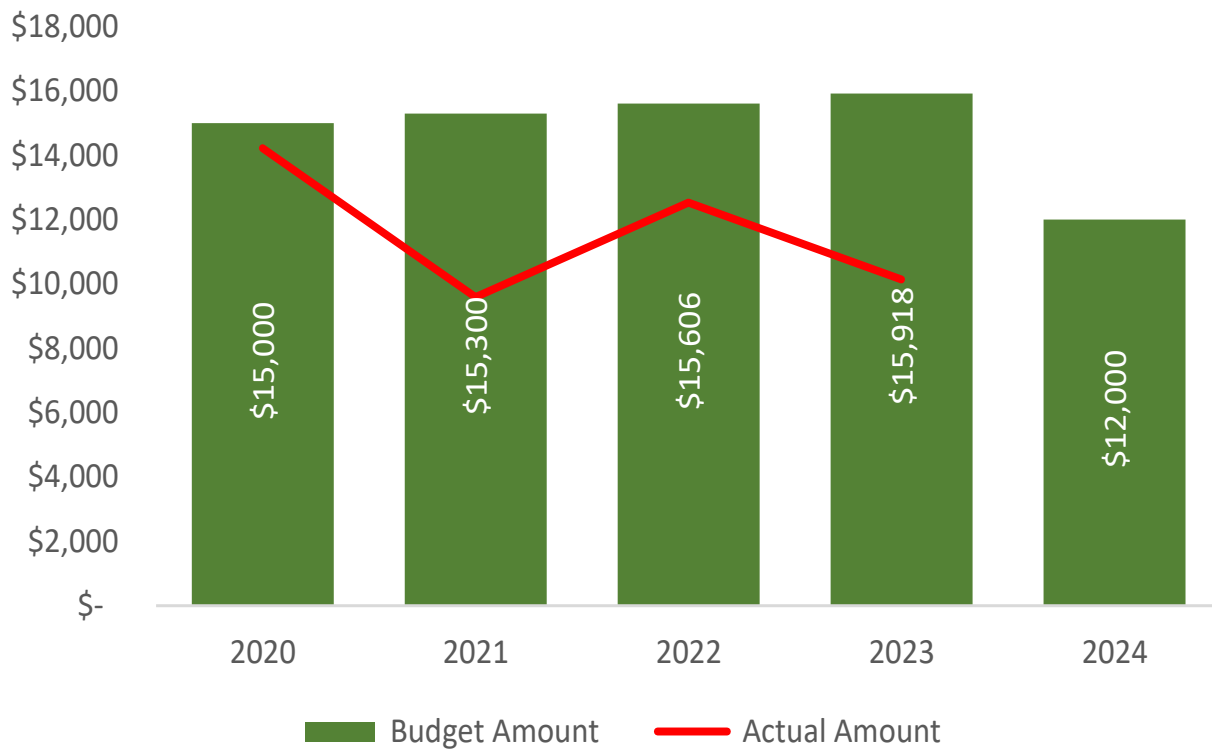
Audit & Accounting

This budget category is used for the Sewer Division portion of audit services incurred during the fiscal year. The fiscal year 2023-24 budget has been reduced as a result of trending.

2019-20 Actual	2020-21 Actual	2021-22 Actual	2022-23 Projected	
\$ 14,232	\$ 9,600	\$ 12,529	\$ 10,139	

2023-24 Budget
\$ 12,000

Budget vs. Actual



Sewer Division – Administrative Services Department

03-506-54109

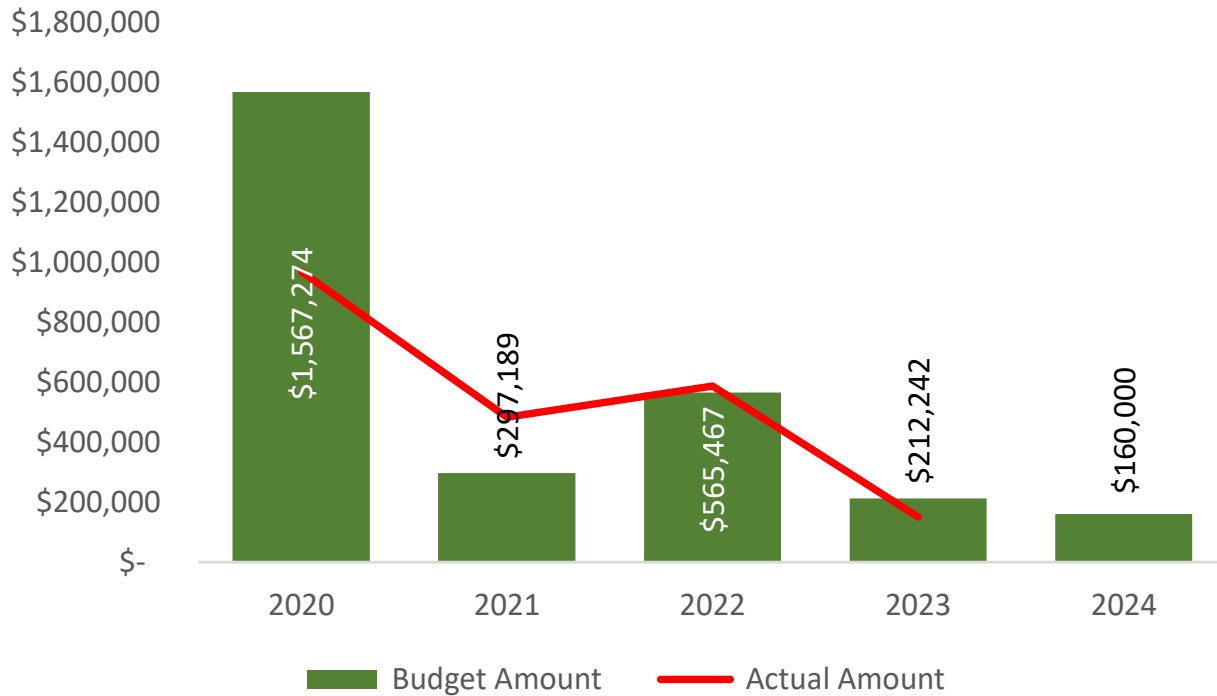
Professional Services

This budget category represents the annual projected costs associated with professional fees for the Sewer Division. This category will generally be used for labor consulting, legislative consulting, property appraisals, surveying and specialized engineering studies.

In fiscal year 2019-20 the budget was increased mid-year as a result of transferring reserve funding to this line item for Board approved projects.

2019-20 Actual	2020-21 Actual	2021-22 Actual	2022-23 Projected	2023-24 Budget
\$ 968,348	\$ 483,330	\$ 587,216	\$ 151,281	\$ 160,000

Budget vs. Actual



Sewer Division – Administrative Services Department

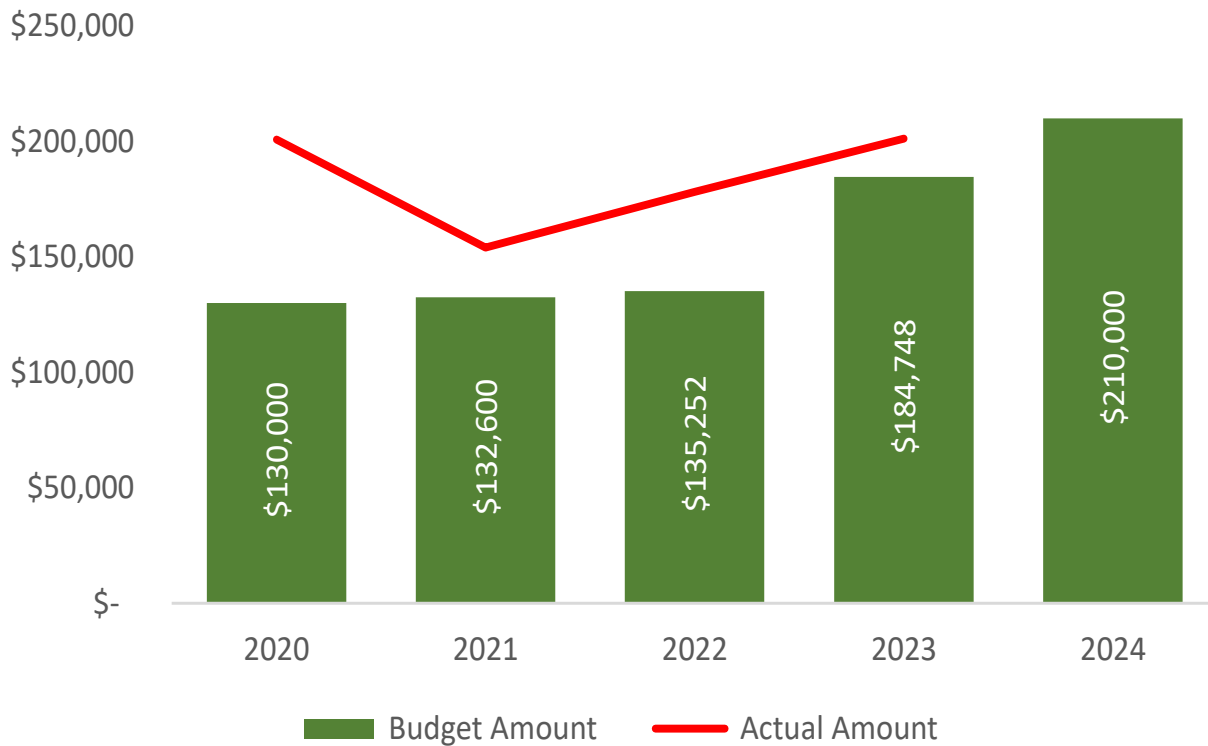
03-506-56001

Insurance

This budget category represents the annual projected costs associated with insurance coverage related to general, auto, and property insurance. This line item also includes insurance for the brineline and sewer collection system. The budget amount for fiscal year 2023-24 has been increased as a result of increased costs.

2019-20 Actual	2020-21 Actual	2021-22 Actual	2022-23 Projected		2023-24 Budget
\$ 200,824	\$ 154,159	\$ 178,117	\$ 201,237		\$ 210,000

Budget vs. Actual



Sewer Division – Administrative Services Department

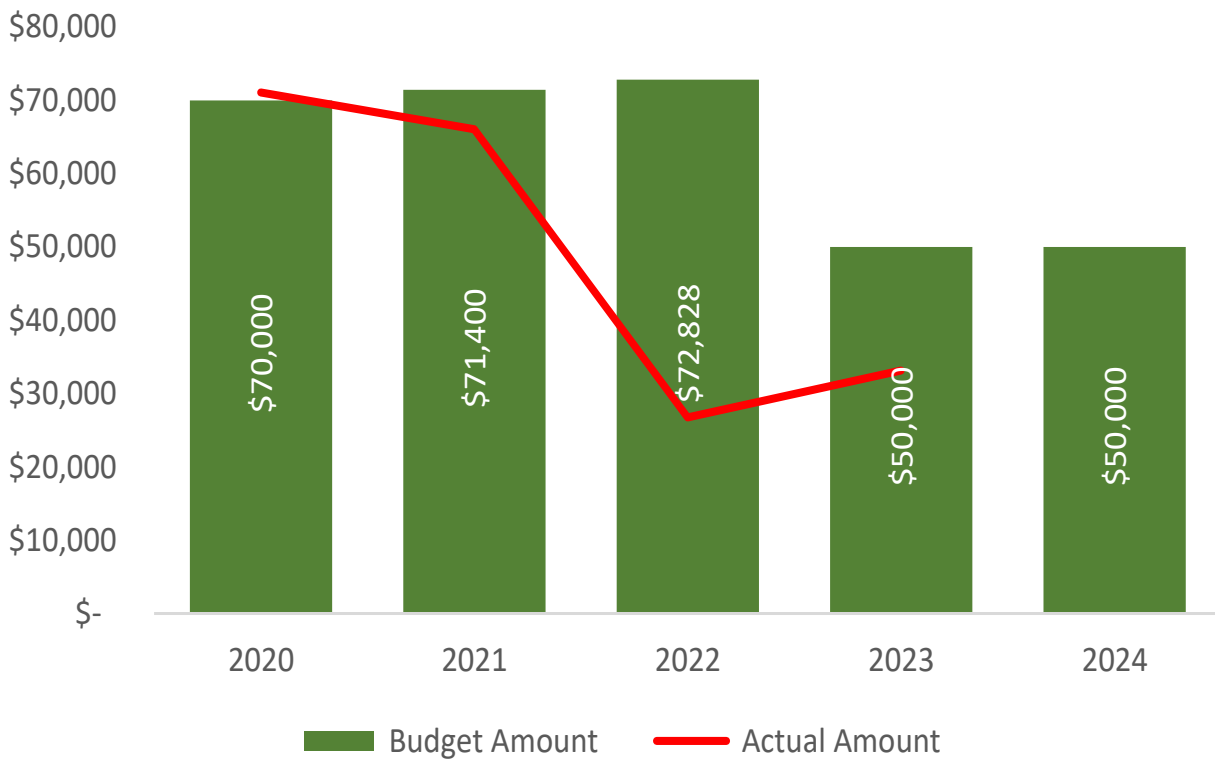
03-506-57030

Regulatory Compliance

This budget category is used for regulatory compliance expenses for the Sewer Division which currently include costs related to emerging constituents and vegetation monitoring.

2019-20 Actual	2020-21 Actual	2021-22 Actual	2022-23 Projected		2023-24 Budget
\$ 71,097	\$ 66,025	\$ 26,734	\$ 33,175		\$ 50,000

Budget vs. Actual



Environmental Control Department

Department Description – The Environmental Control Department maintains and inspects the facilities related to the sewer collection system. This involves the routine maintenance and inspection associated with lift stations, sewer mainlines, force mainlines, and manholes, as well as pretreatment activities. While the expenses related to the environmental control department are contained within the sewer division, the organizational structure is more conducive to have the Environmental Control personnel report to the Public Works Manager.

Departmental Responsibilities – The Environmental Control Department is responsible for maintaining the sewer collection system. This includes inspecting each of the District's manholes on a regular basis, preparing the collection system for wet weather conditions, conducting routine cleaning of the collection system, complying with all confined space regulations, and video inspecting sewer mainlines. The Environmental Control Department is also responsible for conducting industrial pretreatment inspections and brine line related activities.

Organizational Structure & Staffing Levels – This year the Environmental Control Department has been allocated labor Operations of 9.05 Full-Time Equivalent (FTE) employees¹.

Title	Range	FTE	Expense
Public Works Manager	234	0.35	\$ 84,304
Public Works Supervisor	117	1.70	\$ 330,288
Senior Utility Service Worker	54	1.60	\$ 298,727
Utility Service Worker IV	49	0.40	\$ 57,225
Purchasing Agent	45	0.20	\$ 22,453
Utility Service Worker III	44	1.00	\$ 129,781
Utility Service Worker II	36	1.00	\$ 112,153
Utility Service Worker I	32	2.80	\$ 300,174
Total		9.05	\$ 1,335,105

This year, the Environmental Control Department will be allocated \$1,972,082 (not including asset acquisitions & capital improvements), which represents an increase of \$441,568 as compared to the prior year modified budget, or a 28.9% increase.

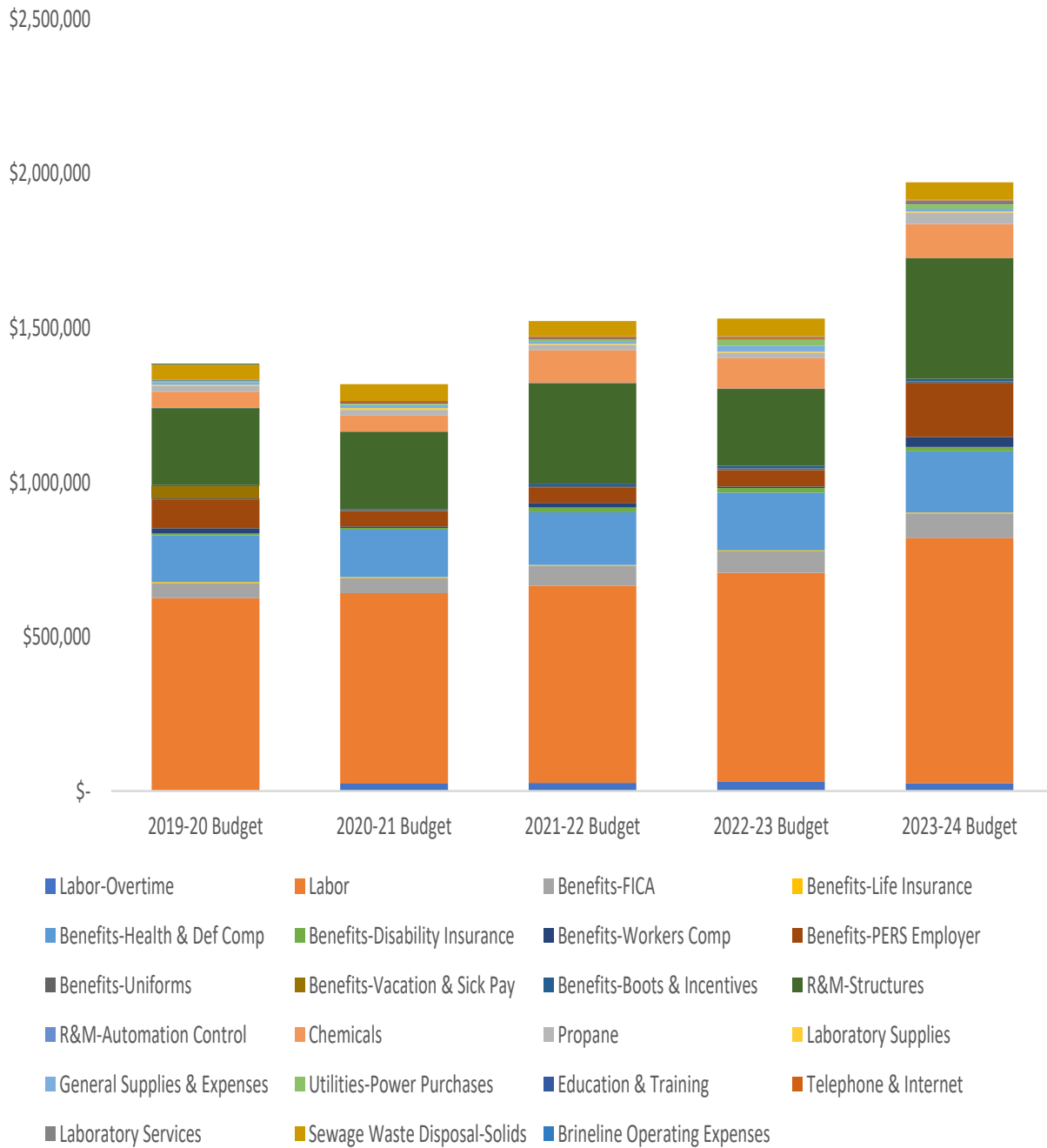
Anticipated Issues for this Fiscal Year – The following issues have been identified as important issues for the near future. The specific resolution to the issues presented below may need to be further analyzed by District staff and presented to the Board of Directors for the adoption of a specific policy, procurement or others action as deemed necessary.

- ❖ The District staff continues to improve our ability to respond to various line maintenance situations. The medium duty sewer cleaning vehicle allocated to this department significantly improves the maintenance activities throughout the collection system. This vehicle has reached the end of its useful life and District staff are researching replacement options for next fiscal year.
- ❖ The District staff continues to utilize video equipment to conduct routine inspections of the sewer collection system. The Environmental Control staff will be analyzing the costs and benefits of purchasing a video vehicle to be better prepared to inspect the sewer collection system.

¹ The positions that are assigned a FTE value of less than 1.0 are involved in other divisions such as the Sewer Division and Recycled Water Division.

Budget Overview – The following illustration shows the budgeted line items for the **Environmental Control** Budget.

Expense Budget



Sewer Environmental Control Department

Account	2019-20 Budget	2019-20 Actual	2020-21 Budget	2020-21 Actual	2021-22 Budget	2021-22 Actual	2022-23 Budget	2022-23 Estimated	2023-24 Budget	Increase (Decrease) in Budget	Increase (Decrease) %
03-507-50009. Labor - Overtime	\$ -	\$ 22,617	\$ 23,890	\$ 24,811	\$ 26,886	\$ 24,485	\$ 29,517	\$ 20,186	\$ 25,171	\$ (4,346)	-14.7%
03-507-50010. Labor	\$ 625,069	\$ 559,345	\$ 616,937	\$ 604,315	\$ 638,741	\$ 631,562	\$ 677,943	\$ 700,787	\$ 794,124	\$ 116,181	17.1%
03-507-50013. Benefits-FICA	\$ 47,818	\$ 49,632	\$ 49,025	\$ 49,795	\$ 64,062	\$ 52,166	\$ 68,464	\$ 56,909	\$ 78,010	\$ 9,546	13.9%
03-507-50014. Benefits-Life Insurance	\$ 3,864	\$ 1,360	\$ 3,768	\$ 1,211	\$ 2,916	\$ 1,273	\$ 4,327	\$ 1,330	\$ 4,554	\$ 227	5.2%
03-507-50016. Benefits-Health & Def Comp	\$ 151,662	\$ 185,338	\$ 152,863	\$ 172,497	\$ 170,859	\$ 191,018	\$ 186,100	\$ 216,799	\$ 198,924	\$ 12,824	6.9%
03-507-50017. Benefits-Disability Insurance	\$ 5,626	\$ 8,819	\$ 5,768	\$ 8,858	\$ 14,907	\$ 9,734	\$ 15,391	\$ 9,886	\$ 14,276	\$ (1,115)	-7.2%
03-507-50019. Benefits-Workers Compensatio	\$ 16,877	\$ 24,065	\$ 5,391	\$ 39,233	\$ 15,250	\$ 38,940	\$ 4,814	\$ 11,525	\$ 32,544	\$ 27,730	576.0%
03-507-50021. Benefits-PERS Employee	\$ -	\$ -	\$ -	\$ (332)	\$ -	\$ (450)	\$ -	\$ (752)	\$ -	\$ -	
03-507-50022. Benefit-PERS Employer	\$ 93,760	\$ 43,035	\$ 49,754	\$ 46,462	\$ 50,520	\$ 45,924	\$ 52,543	\$ 49,235	\$ 172,559	\$ 120,016	228.4%
03-507-50023. Benefits-Uniforms	\$ 4,025	\$ 2,989	\$ 4,050	\$ 3,184	\$ 4,092	\$ 2,460	\$ 6,196	\$ 3,166	\$ 7,258	\$ 1,062	17.1%
03-507-50024. Benefits-Vacation & Sick Pay	\$ 40,000	\$ 40,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
03-507-50025. Benefits-Boots & Incentives	\$ 2,415	\$ 2,835	\$ 2,475	\$ 2,235	\$ 7,642	\$ 20	\$ 8,033	\$ 3,051	\$ 7,685	\$ (348)	-4.3%
03-507-51003. Sewer Pipeline & Facilities	\$ 250,000	\$ 225,996	\$ 250,001	\$ 288,741	\$ 325,923	\$ 320,504	\$ 250,003	\$ 566,829	\$ 392,024	\$ 142,021	56.8%
03-507-51140. General Supplies & Expenses	\$ 500	\$ 1,082	\$ 1,000	\$ 661	\$ 502	\$ 108	\$ 503	\$ -	\$ -	\$ (503)	-100.0%
03-507-51241. Lift Station #1	\$ 52,500	\$ 56,569	\$ 52,001	\$ 90,563	\$ 105,258	\$ 110,375	\$ 98,067	\$ 110,000	\$ 110,000	\$ 11,933	12.2%
03-507-51242. Lift Station #2	\$ 18,000	\$ 18,767	\$ 18,001	\$ 67,320	\$ 18,002	\$ 32,342	\$ 18,003	\$ 37,521	\$ 37,000	\$ 18,997	105.5%
03-507-51243. Lift Station #3	\$ 3,200	\$ 5,171	\$ 6,200	\$ 11,111	\$ 3,202	\$ 3,636	\$ 3,203	\$ 3,887	\$ 3,204	\$ 1	0.0%
03-507-51244. Lift Station #4	\$ 9,500	\$ 20,405	\$ 9,501	\$ 13,820	\$ 9,502	\$ 30,990	\$ 20,037	\$ 68,283	\$ 9,504	\$ (10,533)	-52.6%
03-507-51246. Lift Station #6	\$ 5,000	\$ 6,548	\$ 5,001	\$ 10,694	\$ 5,002	\$ 19,887	\$ 18,828	\$ 17,679	\$ 16,086	\$ (2,742)	-14.6%
03-507-51248. Lift Station #8	\$ 2,500	\$ 2,030	\$ 2,501	\$ 1,442	\$ 2,502	\$ 3,855	\$ 2,503	\$ 6,700	\$ 4,000	\$ 1,497	59.8%
03-507-54012. Education & Training	\$ -	\$ 250	\$ 5,428	\$ -	\$ 5,428	\$ -	\$ 6,386	\$ -	\$ 5,759	\$ (627)	-9.8%
03-507-54025. Telephone & Internet	\$ -	\$ 1,768	\$ -	\$ 1,760	\$ 1,536	\$ 2,016	\$ 1,650	\$ 2,355	\$ 2,400	\$ 750	45.5%
03-507-54110. Laboratory Services	\$ -	\$ -	\$ -	\$ 80,407	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
03-507-54111. Pretreatment	\$ 50,000	\$ 57,756	\$ 55,000	\$ 62,988	\$ 50,002	\$ 74,413	\$ 58,003	\$ 56,173	\$ 57,000	\$ (1,003)	-1.7%
	\$ 1,382,316	\$ 1,336,379	\$ 1,318,555	\$ 1,581,776	\$ 1,522,734	\$ 1,595,257	\$ 1,530,514	\$ 1,941,549	\$ 1,972,082	\$ 441,568	28.9%

NOTE: Pages 3-59 through 3-71 following this spreadsheet will provide more detail on each line item.

Sewer Division – Environmental Control Department

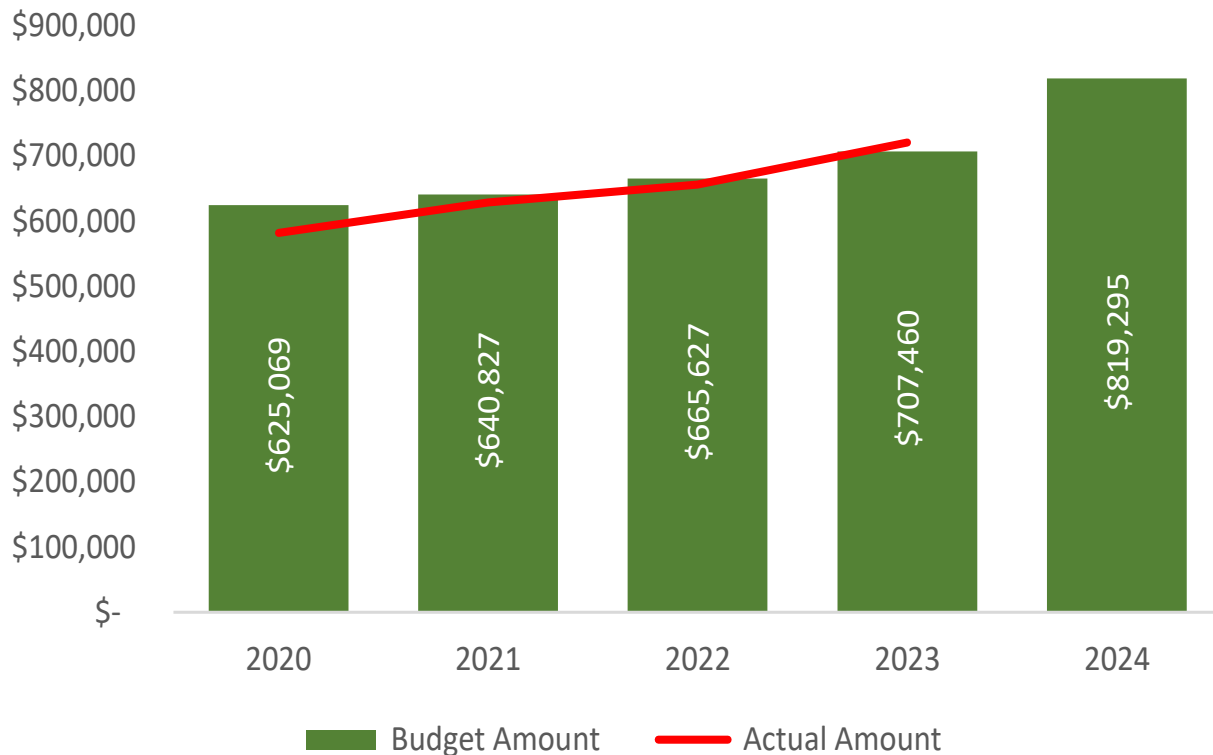
03-507-500xx

Labor

This budget category includes the base salaries, overtime, and standby expenses associated with the Environmental Control Department staff members. Fiscal year 2020-21 was the first time the District had budgeted for overtime separately.

Account	2019-20 Actual	2020-21 Actual	2021-22 Actual	2022-23 Projection	2023-24 Budget
03-507-50009. Labor - Overtime	\$ 22,617	\$ 24,811	\$ 24,485	\$ 20,186	\$ 25,171
03-507-50010. Labor	\$ 559,345	\$ 604,315	\$ 631,562	\$ 700,787	\$ 794,124
	\$ 581,962	\$ 629,126	\$ 656,047	\$ 720,973	\$ 819,295

Budget vs. Actual



Sewer Division – Environmental Control Department

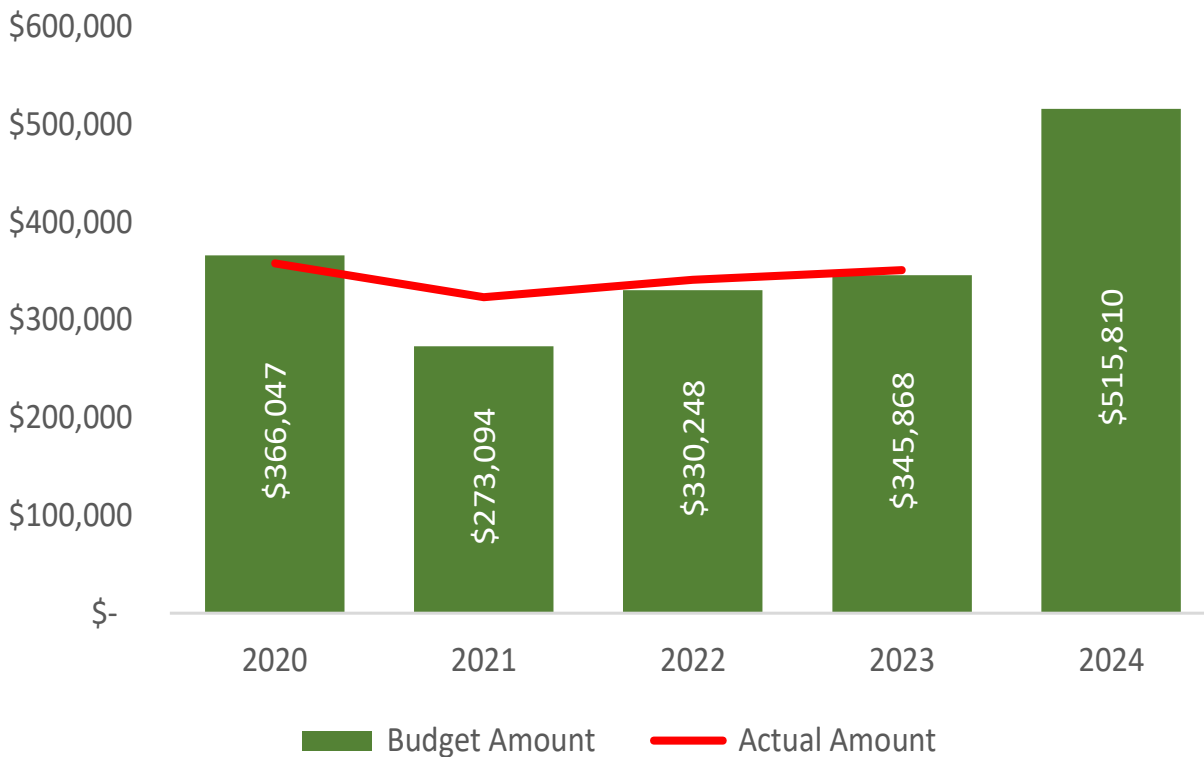
03-507-500xx

Benefits

This budget category includes the District paid benefits for the staff members of the Environmental Control Department.

Account	2019-20 Actual	2020-21 Actual	2021-22 Actual	2022-23 Projection	2023-24 Budget
03-507-50013. Benefits-FICA	\$ 49,632	\$ 49,795	\$ 52,166	\$ 56,909	\$ 78,010
03-507-50014. Benefits-Life Insurance	\$ 1,360	\$ 1,211	\$ 1,273	\$ 1,330	\$ 4,554
03-507-50016. Benefits-Health & Def Comp	\$ 185,338	\$ 172,497	\$ 191,018	\$ 216,799	\$ 198,924
03-507-50017. Benefits-Disability Insurance	\$ 8,819	\$ 8,858	\$ 9,734	\$ 9,886	\$ 14,276
03-507-50019. Benefits-Workers Compensatio	\$ 24,065	\$ 39,233	\$ 38,940	\$ 11,525	\$ 32,544
03-507-50021. Benefits-PERS Employee	\$ -	\$ (332)	\$ (450)	\$ (752)	\$ -
03-507-50022. Benefit-PERS Employer	\$ 43,035	\$ 46,462	\$ 45,924	\$ 49,235	\$ 172,559
03-507-50023. Benefits-Uniforms	\$ 2,989	\$ 3,184	\$ 2,460	\$ 3,166	\$ 7,258
03-507-50024. Benefits-Vacation & Sick Pay	\$ 40,000	\$ -	\$ -	\$ -	\$ -
03-507-50025. Benefits-Boots & Incentives	\$ 2,835	\$ 2,235	\$ 20	\$ 3,051	\$ 7,685
	\$ 358,074	\$ 323,144	\$ 341,085	\$ 351,149	\$ 515,810

Budget vs. Actual



Sewer Division – Environmental Control Department

03-507-51003

Sewer Pipeline & Facilities

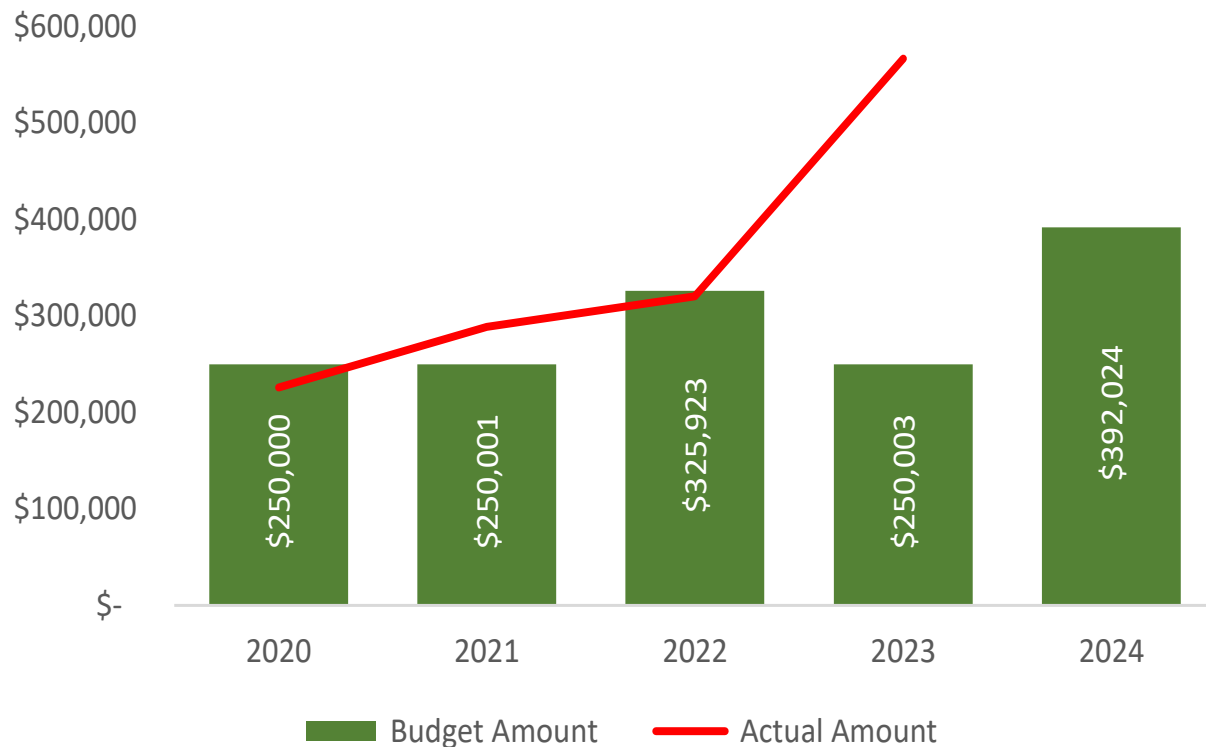
This budget category represents the annual projected costs associated with maintaining the District’s sewer collection facilities. For fiscal year 2022-23 this included ADS Flow Monitoring as well as one-time costs for the Trimble Flow Monitoring System which are not occurring going forward. This also includes, repair of manholes, sewer mainlines, trench failures, service laterals and force mainlines.

Line Item
Detail:

Video Inspections	\$ 132,000
Manhole Covers and Repairs	\$ 92,000
Roadway Subsidence Repair – Water Division labor and benefits, materials, equipment and contractor paving services.	\$ 88,024
Root Intrusion Control	\$ 40,000
Tools, materials and parts	\$ 40,000
Total	\$ 392,024

2019-20 Actual	2020-21 Actual	2021-22 Actual	2022-23 Projected		2023-24 Budget
\$ 225,996	\$ 288,741	\$ 320,504	\$ 566,829		\$ 392,024

Budget vs. Actual



Sewer Division – Environmental Control Department

03-507-51140

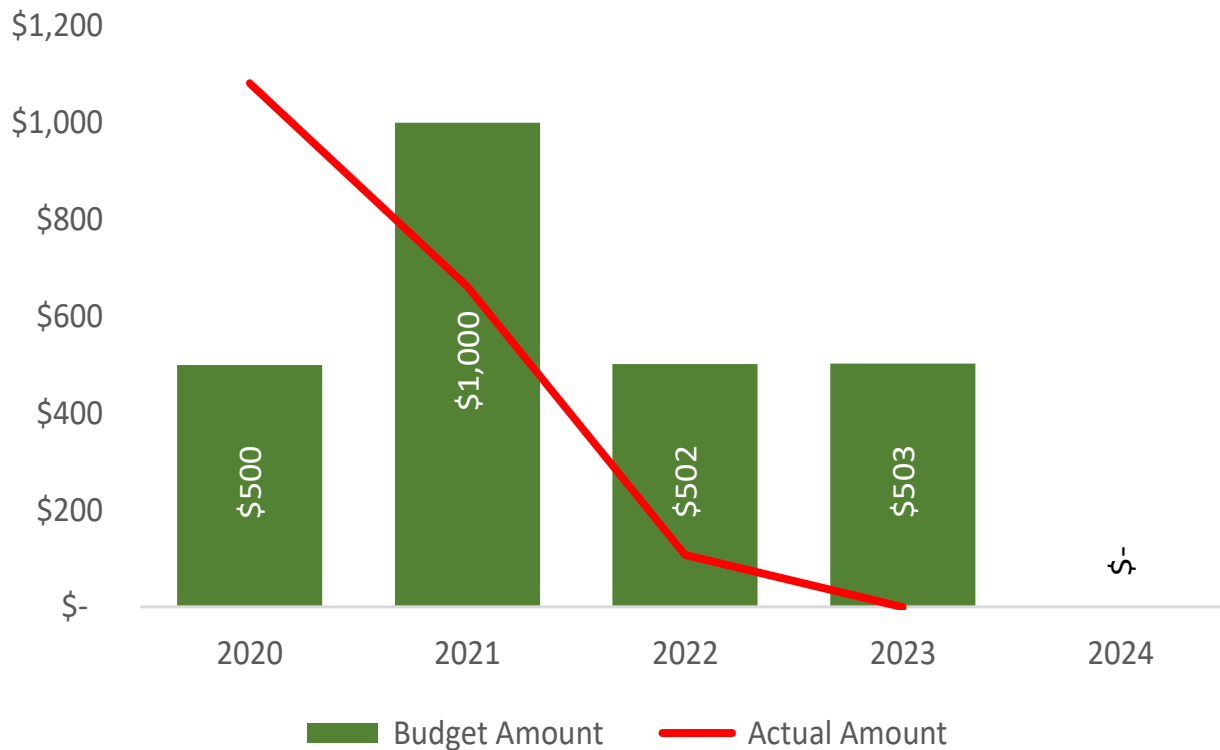
General Supplies & Expenses

This budget would typically include the supplies and expenses related to the operation of the Environmental Control Department. There have been little to no costs for this line item the past couple of years so there is not budget allocated for fiscal year 2023-24.

2019-20 Actual	2020-21 Actual	2021-22 Actual	2022-23 Projected
\$ 1,082	\$ 661	\$ 108	\$ -

2023-24 Budget
\$ -

Budget vs. Actual



Sewer Division – Environmental Control Department

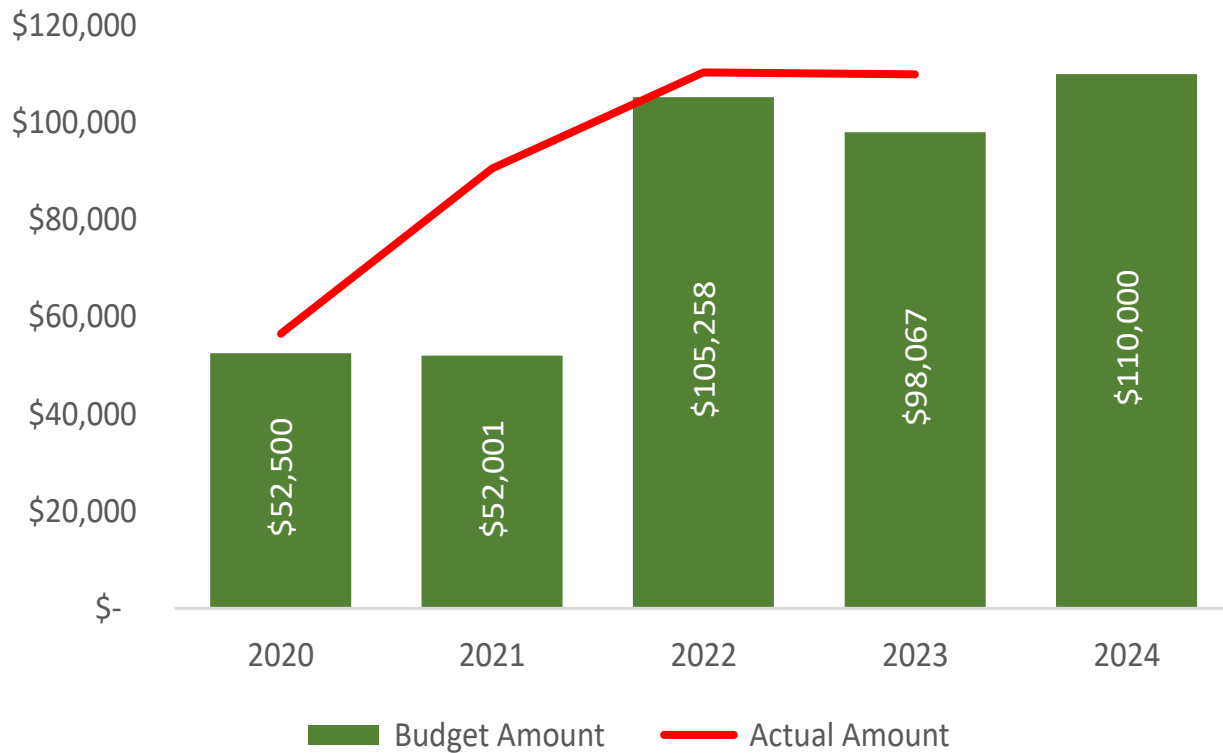
03-507-51241

Lift Station No. 1

Lift Station No. 1 is located on Live Oak Canyon Road, south of Interstate 10. The annual expenses for Lift Station No. 1 include approximately half the costs related to electric service and the other half for miscellaneous repairs and maintenance. The budget amount for fiscal year 2023-24 has been increased as a result of trending.

2019-20 Actual	2020-21 Actual	2021-22 Actual	2022-23 Projected	2023-24 Budget
\$ 56,569	\$ 90,563	\$ 110,375	\$ 110,000	\$ 110,000

Budget vs. Actual



Sewer Division – Environmental Control Department

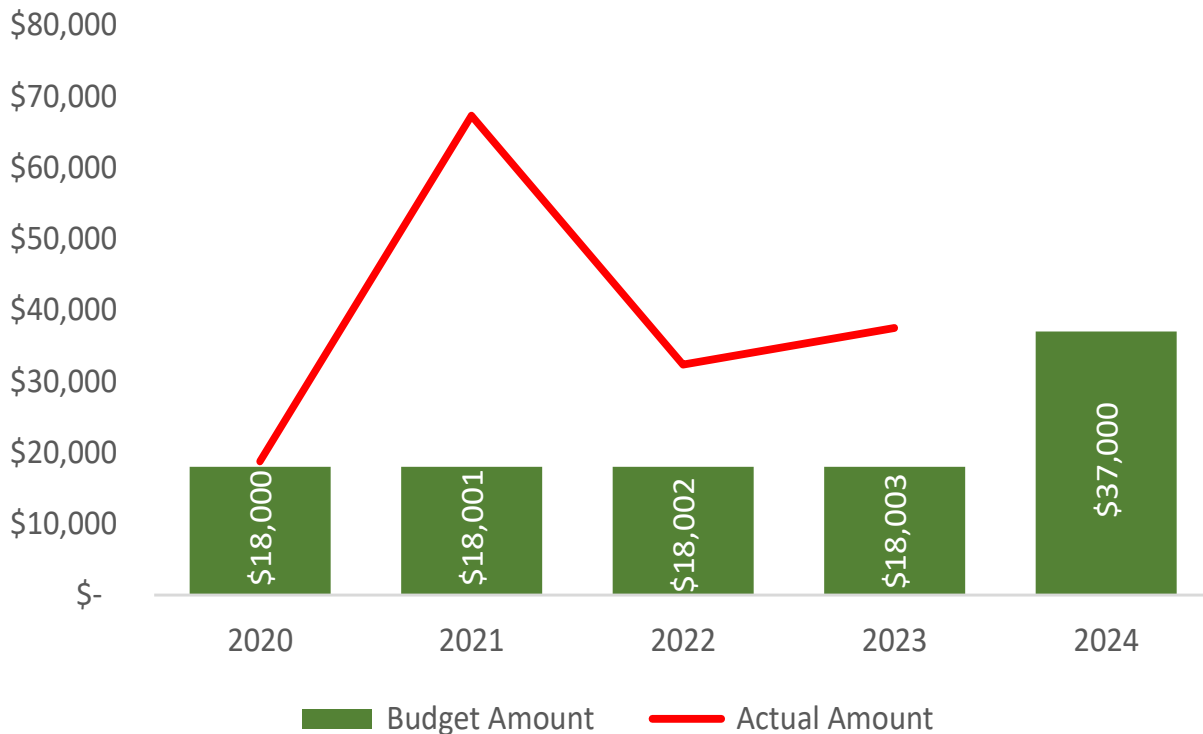
03-507-51242

Lift Station No. 2

Lift Station No. 2 is located on Calimesa Boulevard between Cherry Valley Boulevard and Singleton Road, north of Interstate 10. The annual expenses for Lift Station No. 2 include approximately half the costs related to electric service and the other half for miscellaneous repairs and maintenance. The budget amount for fiscal year 2023-24 has been increased as a result of trending.

2019-20 Actual	2020-21 Actual	2021-22 Actual	2022-23 Projected	2023-24 Budget
\$ 18,767	\$ 67,320	\$ 32,342	\$ 37,521	\$ 37,000

Budget vs. Actual



Sewer Division – Environmental Control Department

03-507-51243

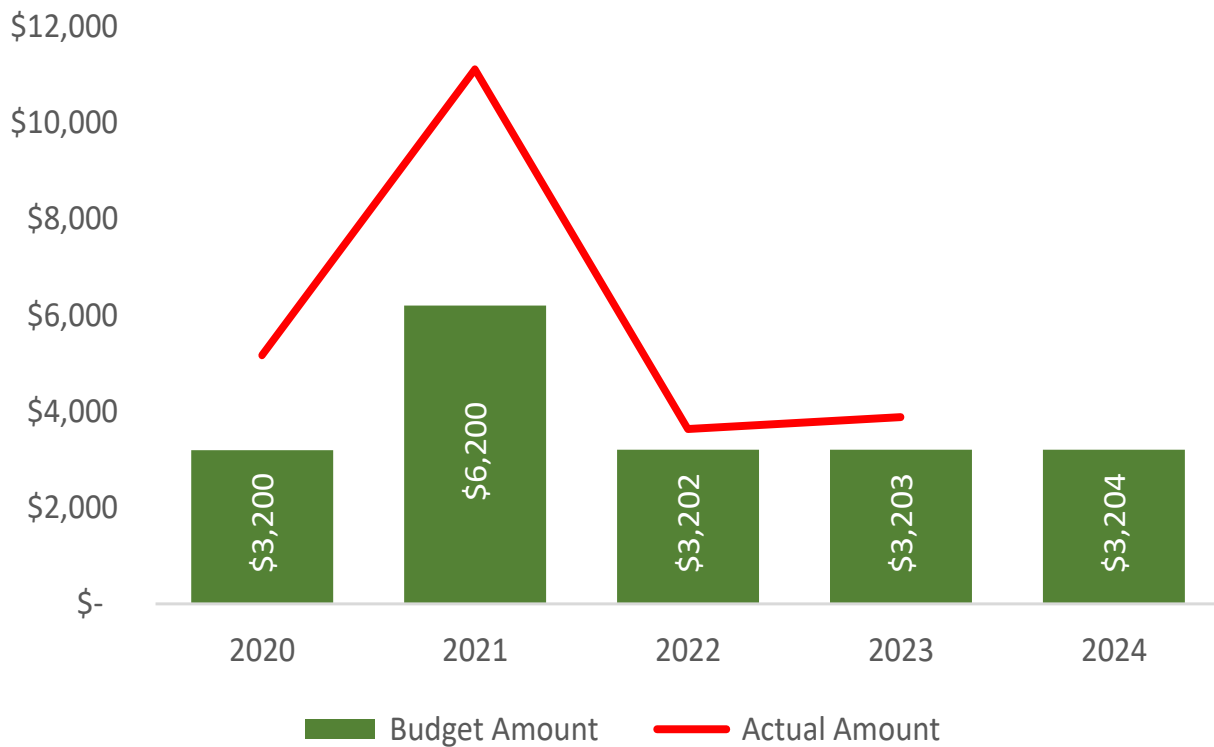
Lift Station No. 3

Lift Station No. 3 is located west of Villa Calimesa Mobile Home Park. The annual expenses for Lift Station No. 3 include approximately half the costs related to electric service and the other half for miscellaneous repairs and maintenance.

2019-20 Actual	2020-21 Actual	2021-22 Actual	2022-23 Projected
\$ 5,171	\$ 11,111	\$ 3,636	\$ 3,887

2023-24 Budget
\$ 3,204

Budget vs. Actual



Sewer Division – Environmental Control Department

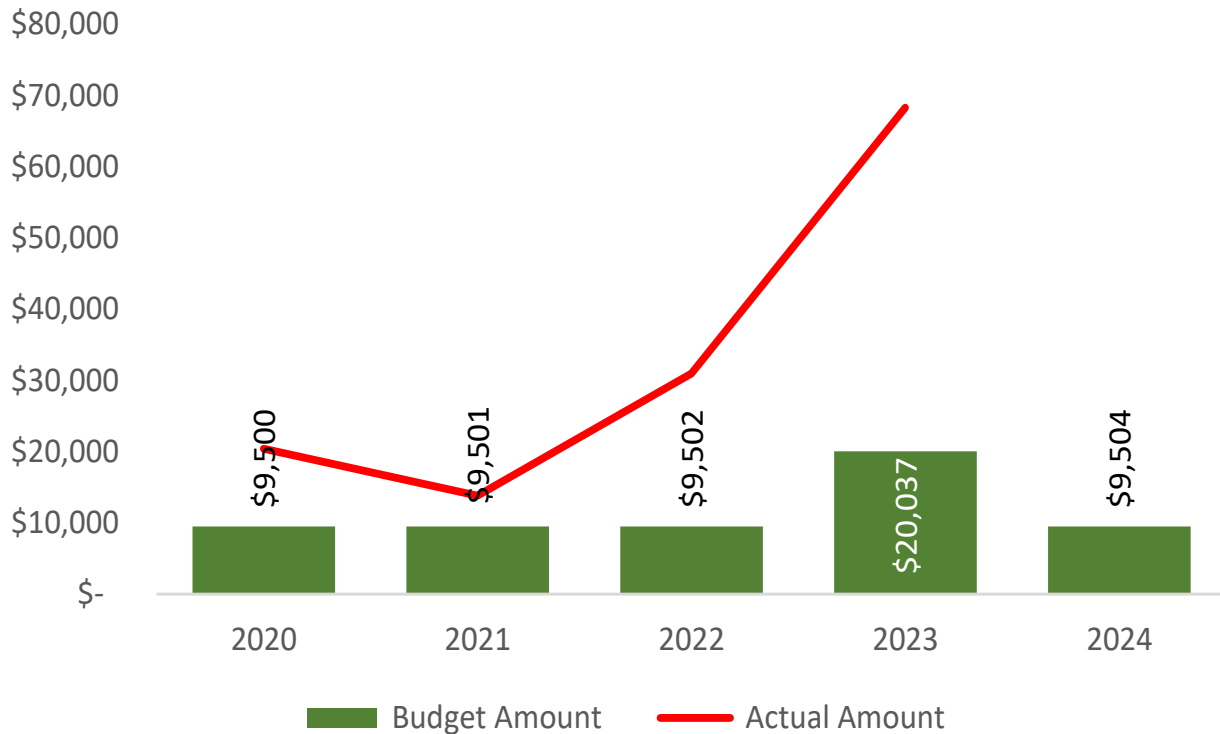
03-507-51244

Lift Station No. 4

Lift Station No. 4 is located on Calimesa Boulevard between Mesa Grande and Sandalwood Drive. The annual expenses for Lift Station No. 4 include the majority of the costs related to electric service and the remainder for miscellaneous repairs and maintenance. Fiscal year 2022-23 included one-time costs related to the upgrade/replacement of this lift station which will be reassigned as a project cost in the future.

2019-20 Actual	2020-21 Actual	2021-22 Actual	2022-23 Projected	2023-24 Budget
\$ 20,405	\$ 13,820	\$ 30,990	\$ 68,283	\$ 9,504

Budget vs. Actual



Sewer Division – Environmental Control Department

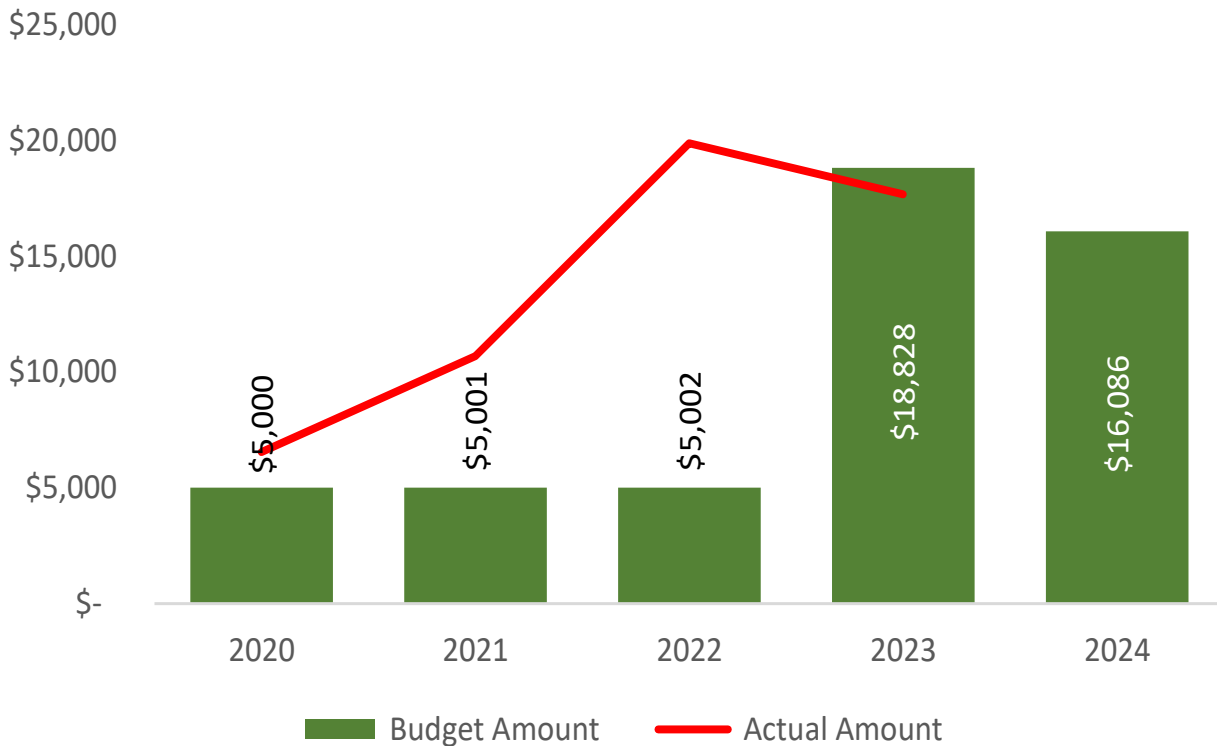
03-507-51246

Lift Station No. 6

Lift Station No. 6 is located in the future Oak Valley Town Center. The annual expenses for Lift Station No. 6 include approximately half of the costs related to electric service and the other half for miscellaneous repairs and maintenance.

2019-20 Actual	2020-21 Actual	2021-22 Actual	2022-23 Projected	2023-24 Budget
\$ 6,548	\$ 10,694	\$ 19,887	\$ 17,679	\$ 16,086

Budget vs. Actual



Sewer Division – Environmental Control Department

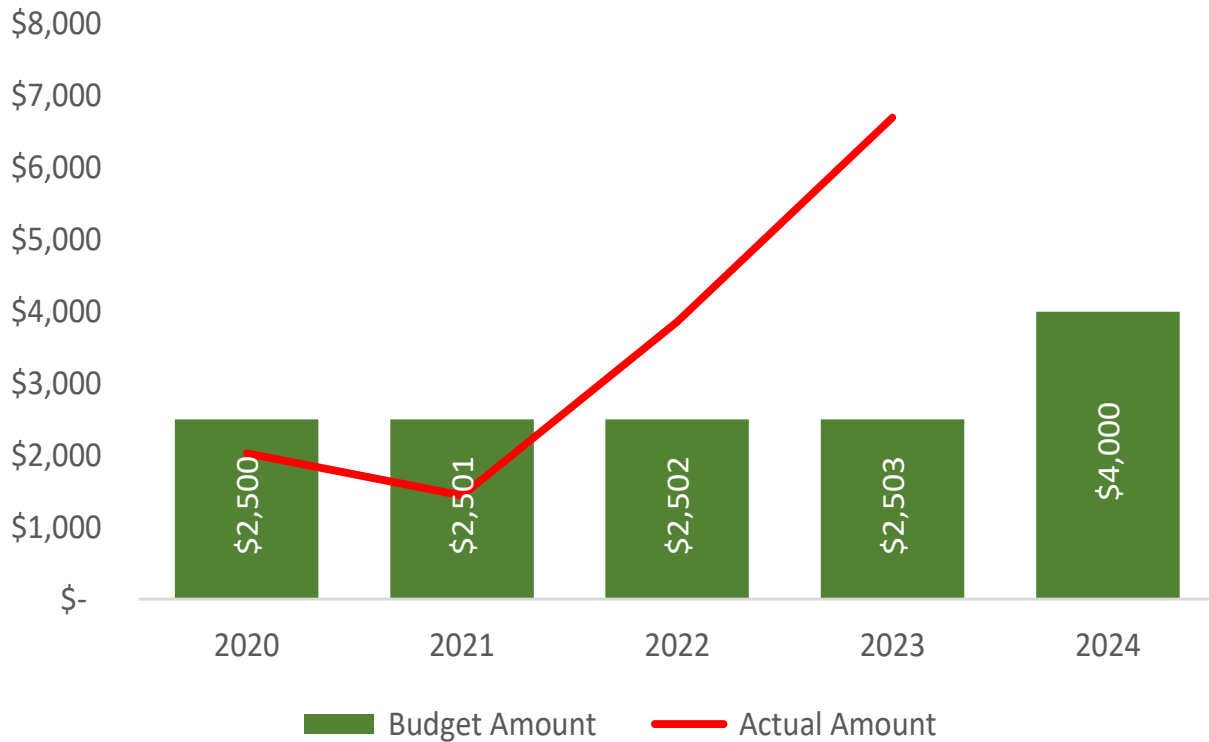
03-507-51248

Lift Station No. 8

Lift Station No. 8 is located on Hampton Road west of Yucaipa Boulevard in western Yucaipa. The annual expenses for Lift Station No. 8 include approximately half of the costs related to electric service and the other half for miscellaneous repairs and maintenance. Fiscal year 2022-23 included one-time costs for repairs.

2019-20 Actual	2020-21 Actual	2021-22 Actual	2022-23 Projected	2023-24 Budget
\$ 2,030	\$ 1,442	\$ 3,855	\$ 6,700	\$ 4,000

Budget vs. Actual



Sewer Division – Environmental Control Department

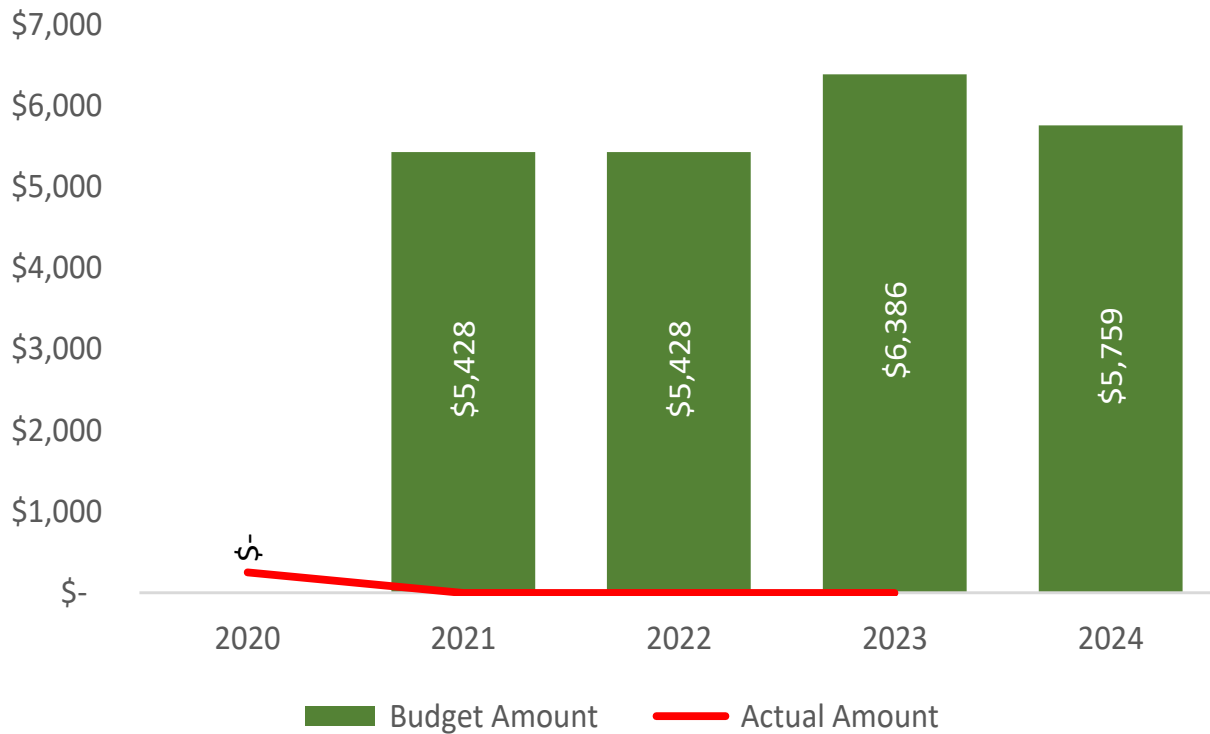
03-507-54012

Education & Training

This budget category is new for fiscal year 2020-21. This line item is used for all education and training for employees allocated to the Environmental Control Department. Previously, all education and training was budgeted in the Administration Department for each division (03-506-54012). The budgeted amount is based on the allocation of staffing for this department.

2019-20 Actual	2020-21 Actual	2021-22 Actual	2022-23 Projected		2023-24 Budget
\$ 250	\$ -	\$ -	\$ -		\$ 5,759

Budget vs. Actual



Sewer Division – Environmental Control Department

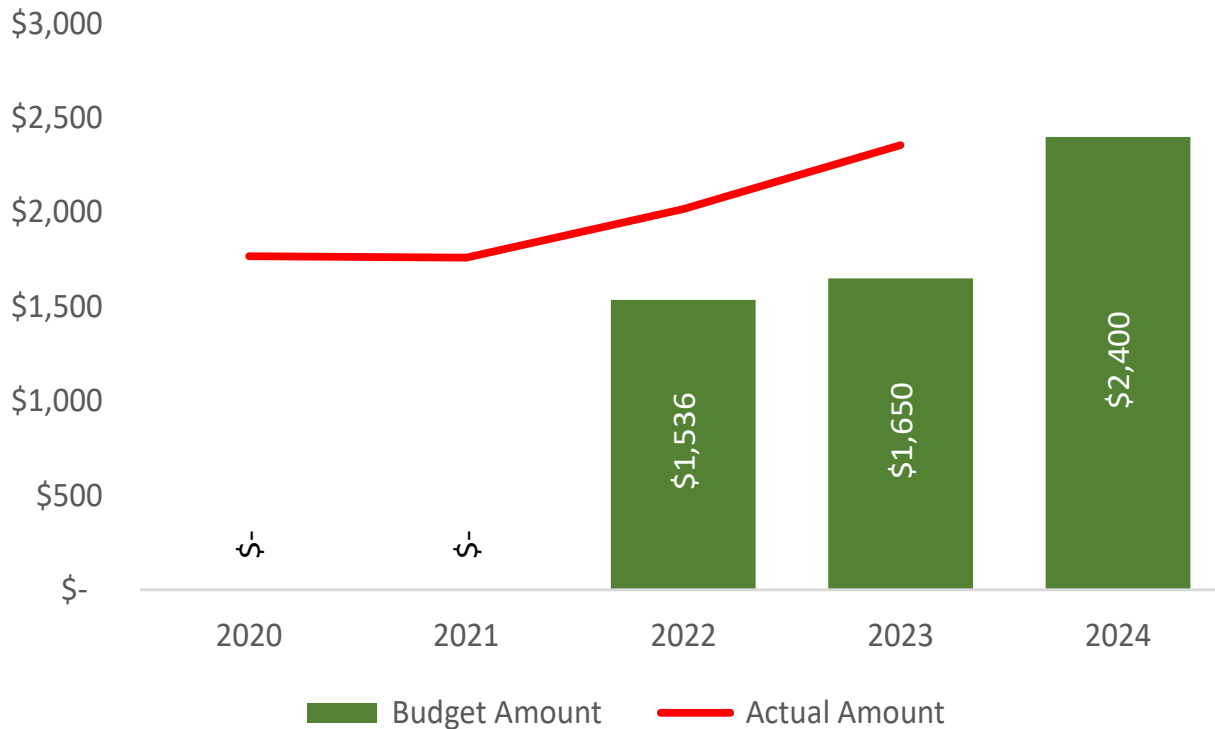
03-507-54012

Telephone & Internet

This budget category was established in fiscal year 2020-21. This line item is used for telephone, internet and cellular phone expenses allocated to the Sewer Division, Environmental Control Department. Previously, these costs were budgeted in the Administration Department for each division (03-506-54025). The costs for fiscal year 2023-24 have been increased as a result of trending.

2019-20 Actual	2020-21 Actual	2021-22 Actual	2022-23 Projected		2023-24 Budget
\$ 1,768	\$ 1,760	\$ 2,016	\$ 2,355		\$ 2,400

Budget vs. Actual



Sewer Division – Environmental Control Department

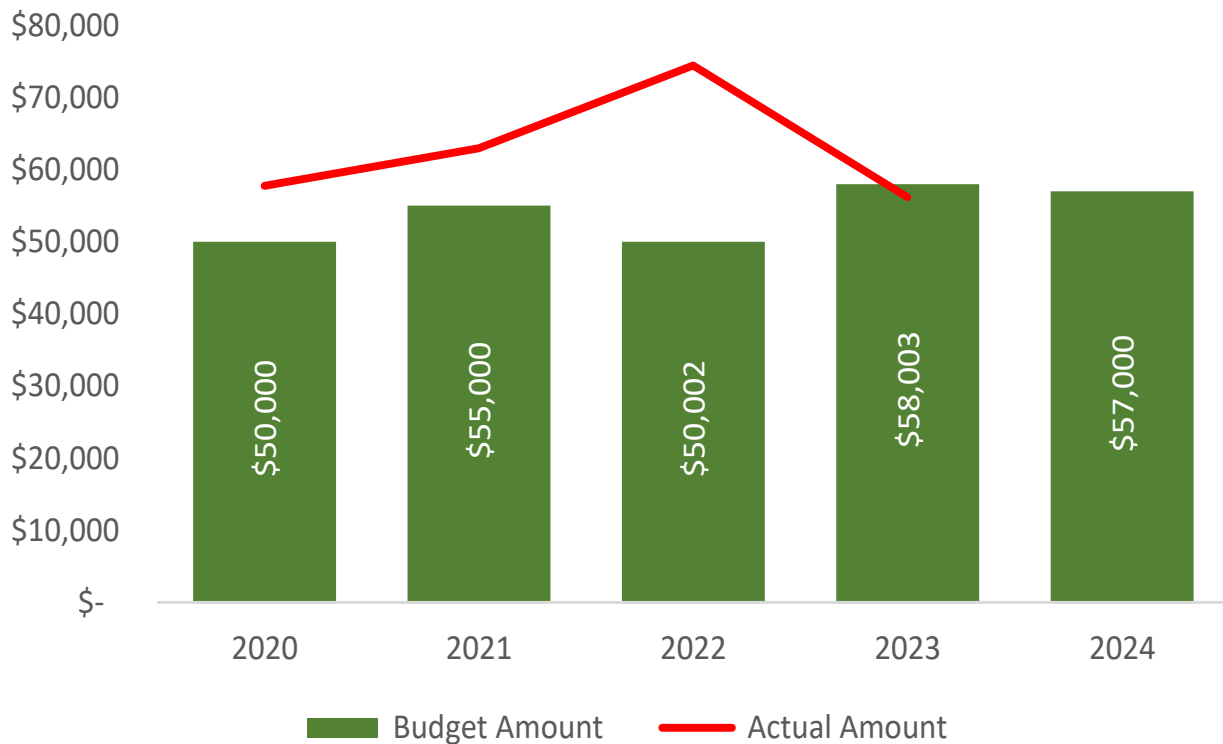
03-507-54111

Pretreatment

This budget category represents the annual costs associated with pretreatment for the Sewer Division. This category includes laboratory services and engineering studies. The costs in fiscal year 2021-22 included one time lab costs for variances that were occurring with the sewer flows.

2019-20 Actual	2020-21 Actual	2021-22 Actual	2022-23 Projected		2023-24 Budget
\$ 57,756	\$ 62,988	\$ 74,413	\$ 56,173		\$ 57,000

Budget vs. Actual



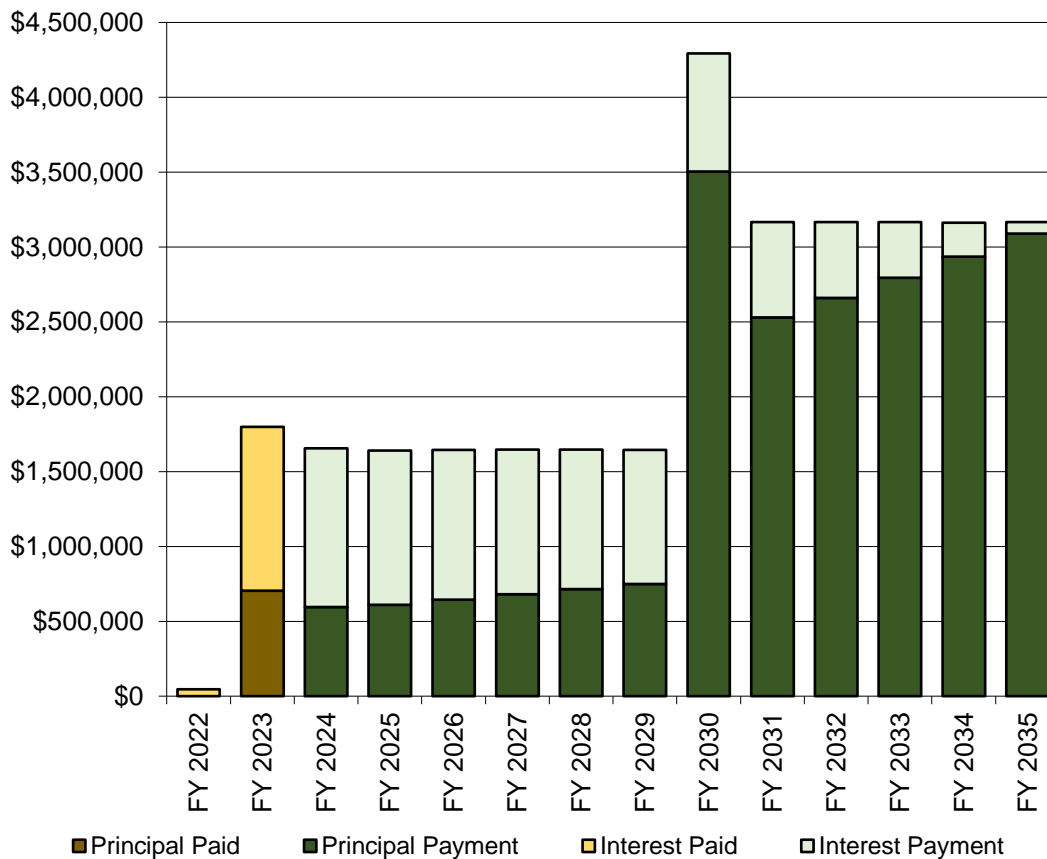
Sewer Division Debt Service

The Sewer Debt Service expenditures are associated with the State Revolving Fund (SRF) loan for the recycled pipeline project as well as a portion of the Series 2022A Revenue Bonds (Tax Exempt) for the refinance of debt related to the expansion and upgrade of the Wochholz Regional Water Recycling Facility and various recycled water facilities.

On December 4, 2021, the Yucaipa Valley Water District Financing Authority (“YVWD Financing Authority”) was established as a nonprofit public benefit authority for the purpose of buying, selling, leasing, using property and to incur indebtedness for public purposes. In February 2022, the YVWD Financing Authority issued the Series 2022A Revenue Bonds to refinance existing debt and provide funds for various water and sewer projects

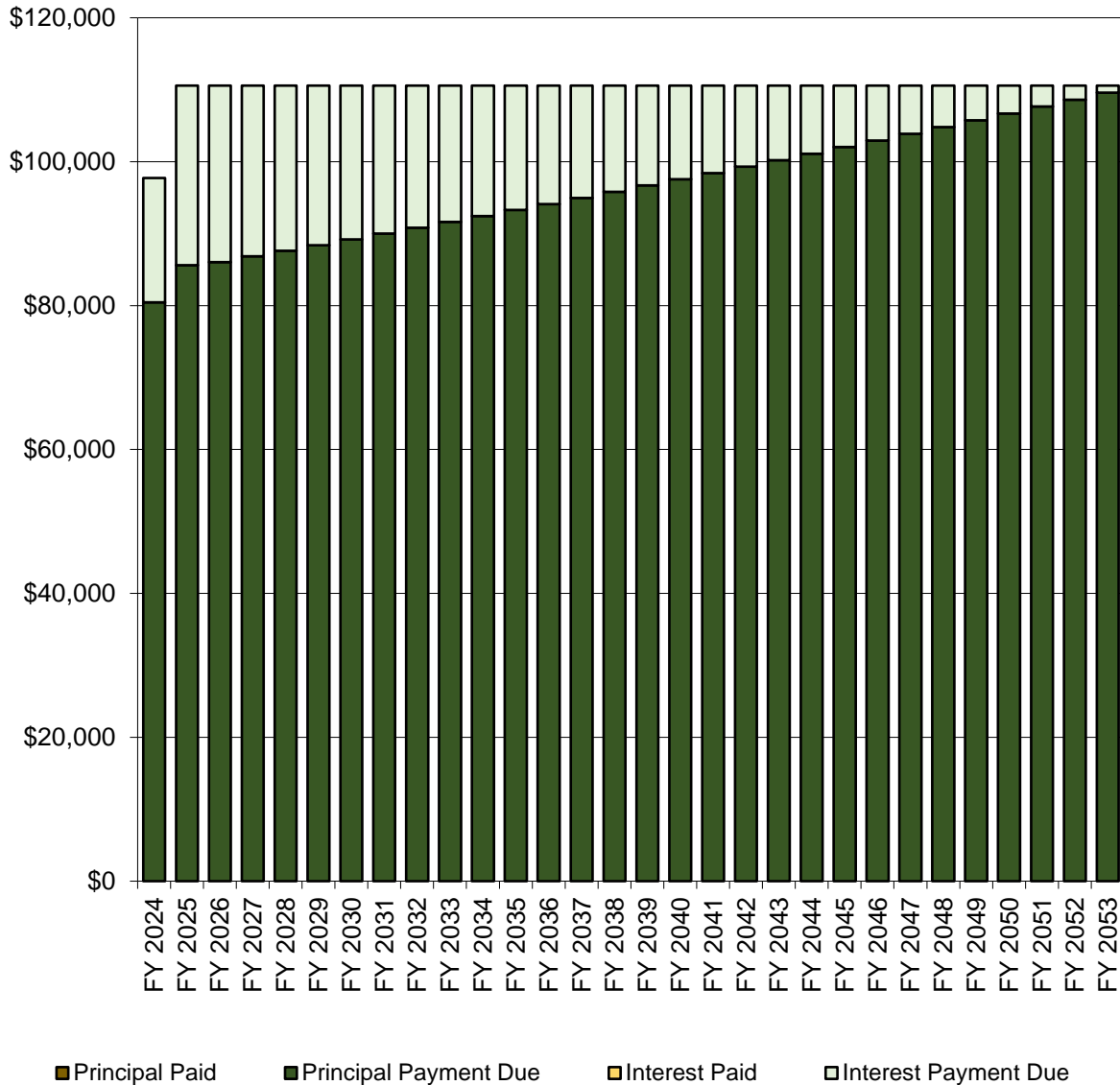
Series 2022A Revenue Bonds (Tax Exempt)

In February 2022, the YVWD Financing Authority issued the Series 2022A Bonds to provide funds to (i) finance the acquisition of certain capital improvements to the Yucaipa Valley Water District’s Water System, (ii) prepay certain outstanding loans with the California State Water Resources Control Board, and (iii) pay the costs of issuance for the Series 2022A Bonds. The principal amount of the Series 2022A Bonds is \$34,684,000 of which \$19,685,000 has been allocated to the Sewer Division. The following illustration provides a summary of the principal and interest payments through the full term of the financing.



Calimesa Regional Recycled Water Pipeline Project

The Yucaipa Valley Water District has secured a \$4,026,250 low interest loan (0.9% interest rate) as well as a \$1,758,750 grant for the Calimesa Regional Recycled Water Pipeline Project which consists of 11,865 linear feet of 24” ductile iron pipe that will connect the existing 12 zone distribution system in Avenue L to the Bore and Jack that is serving the Summerwind residential development. The District anticipates receiving full disbursement of the loan fund in fiscal year 2023 and an annual repayment of \$110,591.70 will begin in December 2023 (the first payment will be \$97,710.86) based on the following schedule:



The annual loan payments are due on December 31st. The loan extends until December 31, 2052.

Sewer Division – Debt Service

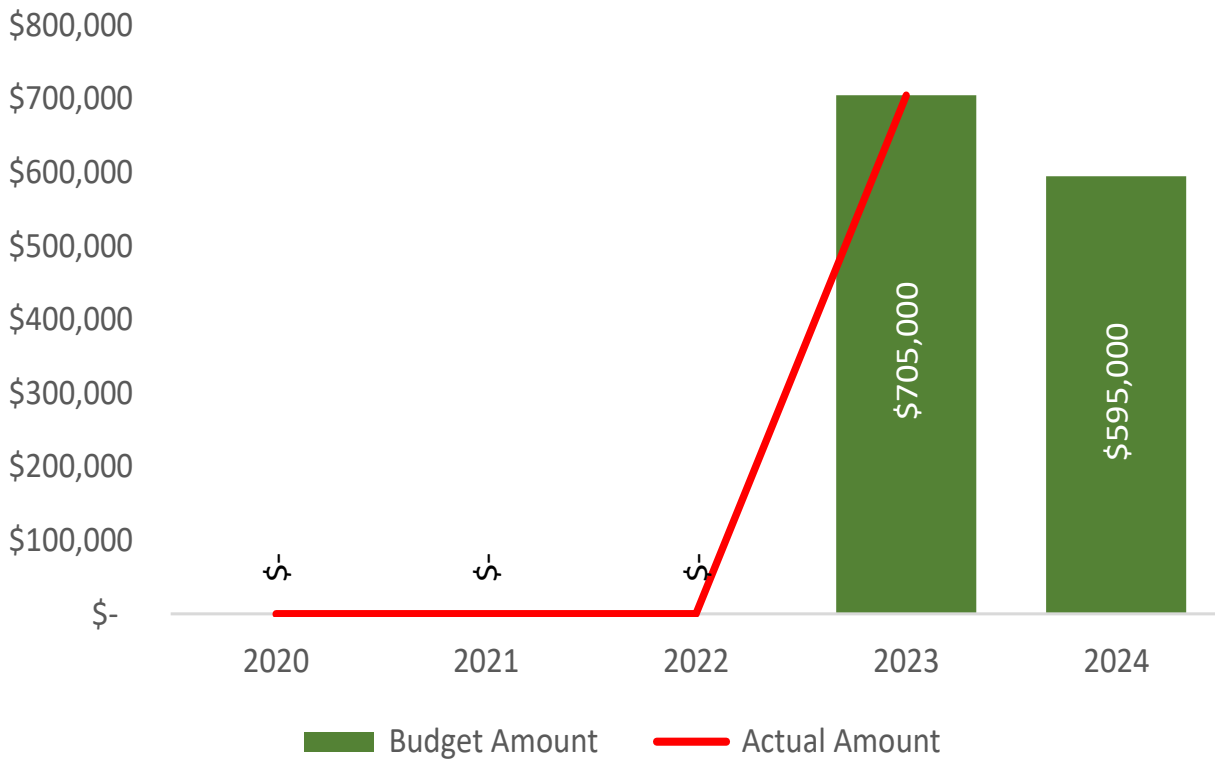
03-540-57207

Debt Service Principal – 2022A Bond

This budget category is used for expenses related to the principal payment of the Series 2022A Bonds which were issued to (i) finance the acquisition of certain capital improvements to the Yucaipa Valley Water District’s Water System, (ii) prepay certain outstanding loans with the California State Water Resources Control Board, and (iii) pay the costs of issuance for the Series 2022A Bonds. The principal amount of the Series 2022A Bonds is \$34,684,000 of which \$19,685,000 has been allocated to the Sewer Division.

2019-20 Actual	2020-21 Actual	2021-22 Actual	2022-23 Projected		2023-24 Budget
\$ -	\$ -	\$ -	\$ 705,000		\$ 595,000

Budget vs. Actual



Sewer Division – Debt Service

03-540-57208

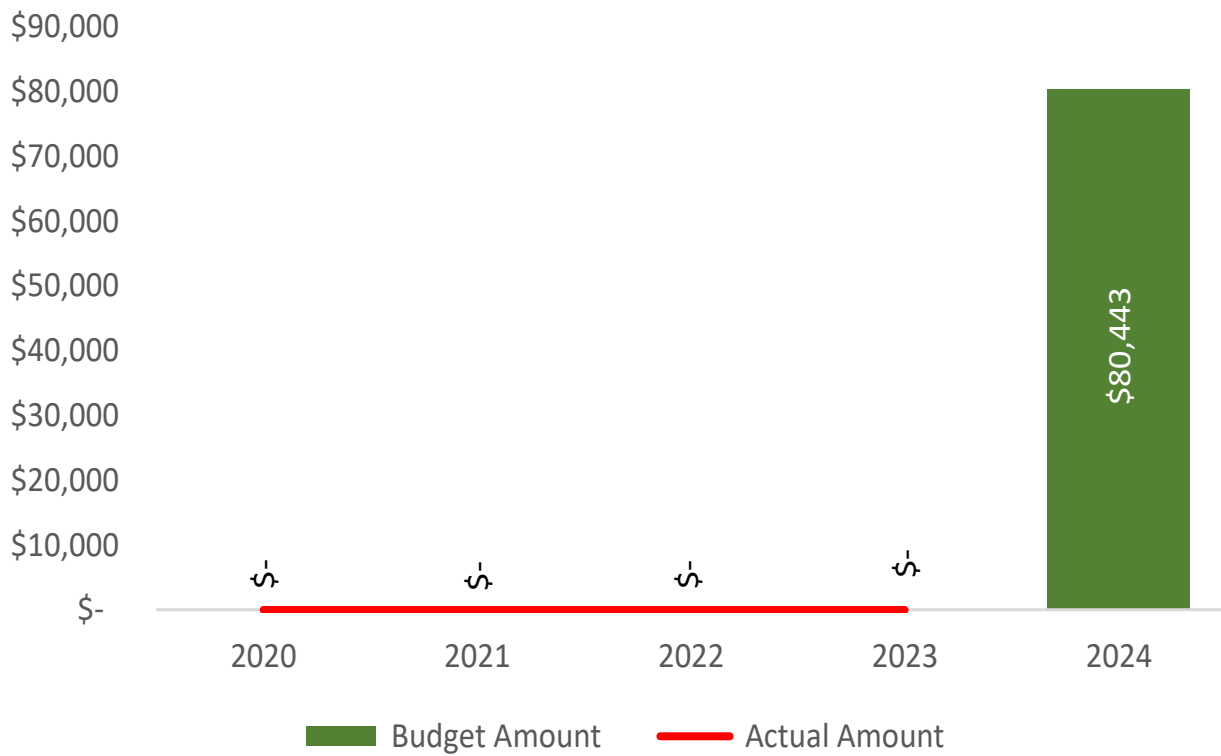
Debt Service Principal – Calimesa Pipeline

This budget category is used for expenses related to the principal payment of the State Revolving Fund Loan for the Calimesa Regional Recycled Water Pipeline Project.

2019-20 Actual	2020-21 Actual	2021-22 Actual	2022-23 Projected
\$ -	\$ -	\$ -	\$ -

2023-24 Budget
\$ 80,443

Budget vs. Actual



Sewer Division – Debt Service

03-540-57403

Debt Service Interest

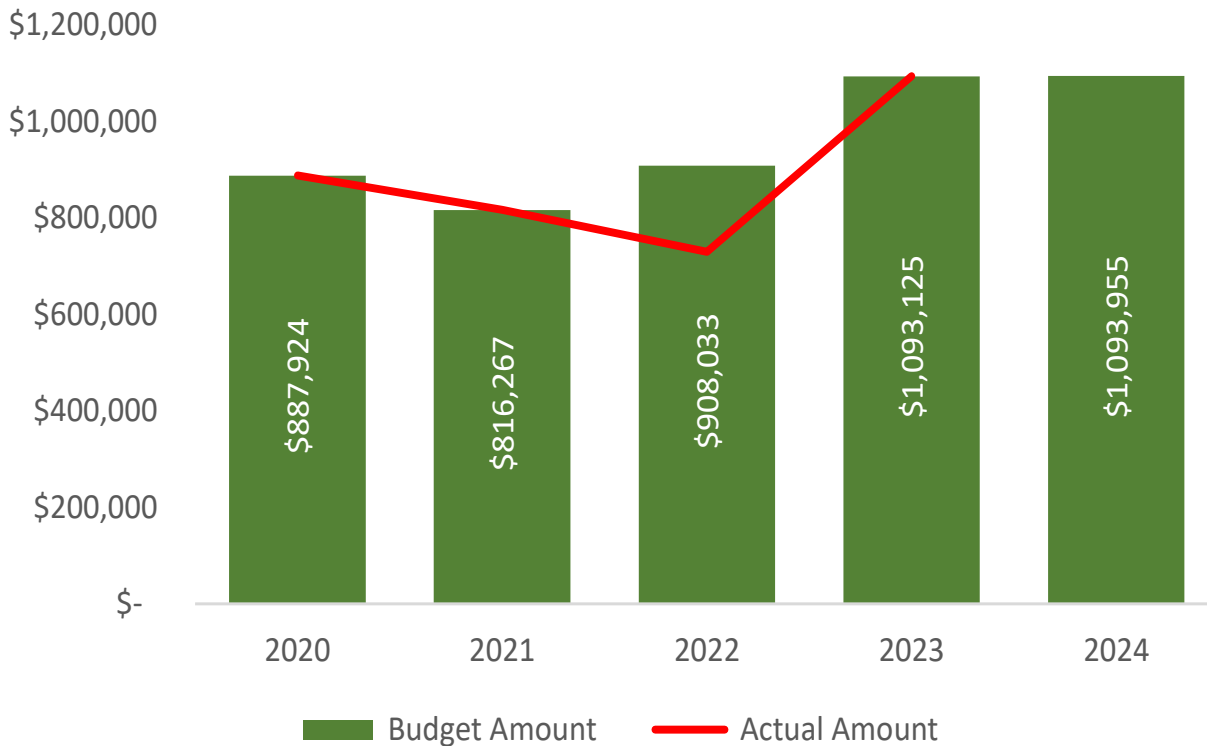
Beginning in fiscal year 2023, this budget category is used for expenses related to the interest payment of the 2022A Bond as well as the State Revolving Fund (SRF) Loan for the Calimesa Regional Recycled Water Pipeline Project. In prior years, it was used for expenses related to the individual SRF loans prior to the refinancing of the debt.

Line Item Detail:

Debt Service Interest Payment – 2022A Bond	\$ 1,076,687
Debt Service Interest Payment – Calimesa Pipeline	\$ 17,268
Total	\$ 1,093,955

2019-20 Actual	2020-21 Actual	2021-22 Actual	2022-23 Projected		2023-24 Budget
\$ 887,917	\$ 816,261	\$ 729,529	\$ 1,093,754		\$ 1,093,955

Budget vs. Actual





Yucaipa Valley Water District

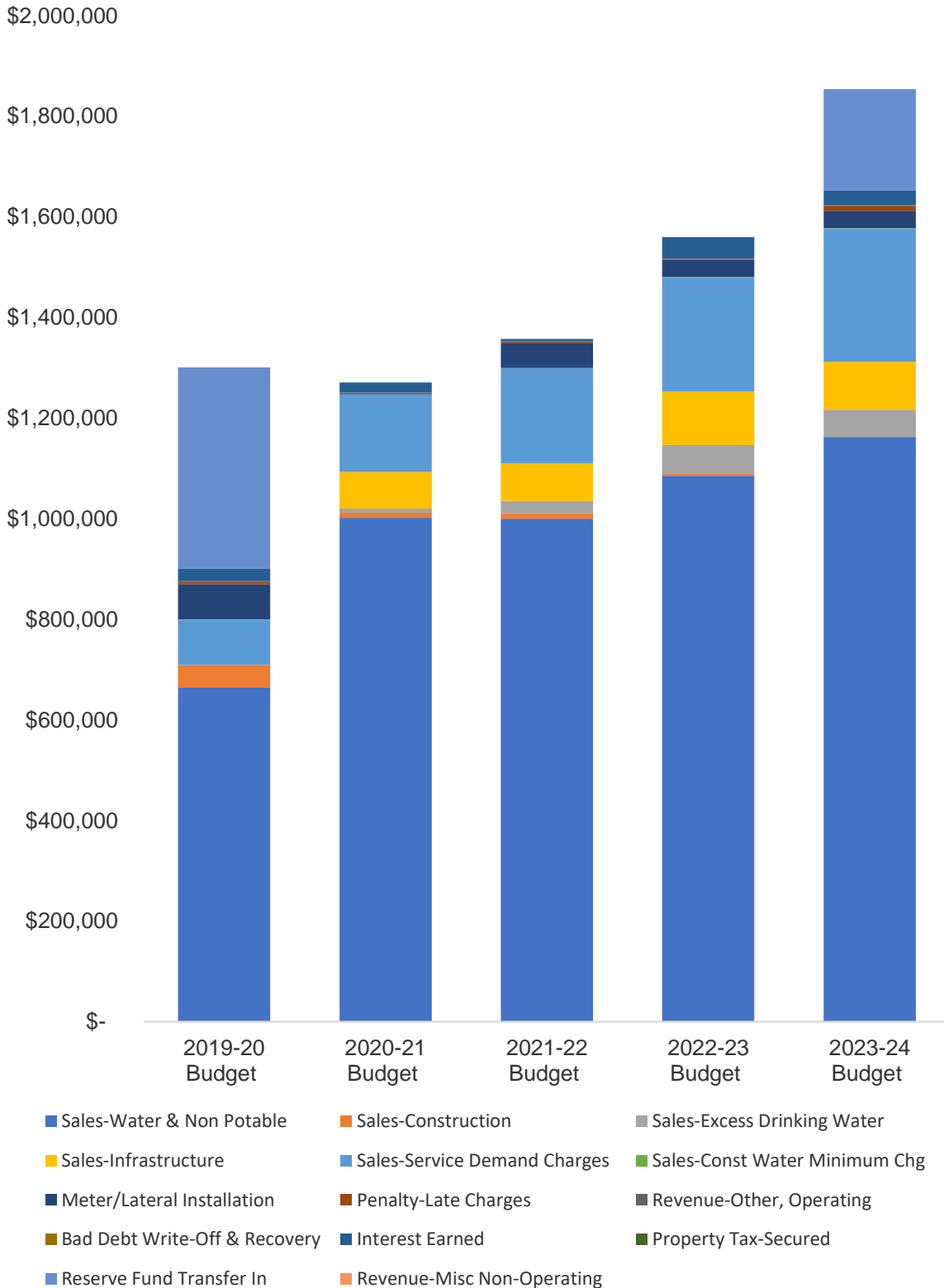
Chapter Four

Fiscal Year 2024

Recycled Water Division
Operating Budget

Recycled Water Division Revenue Analysis

Revenue Budget

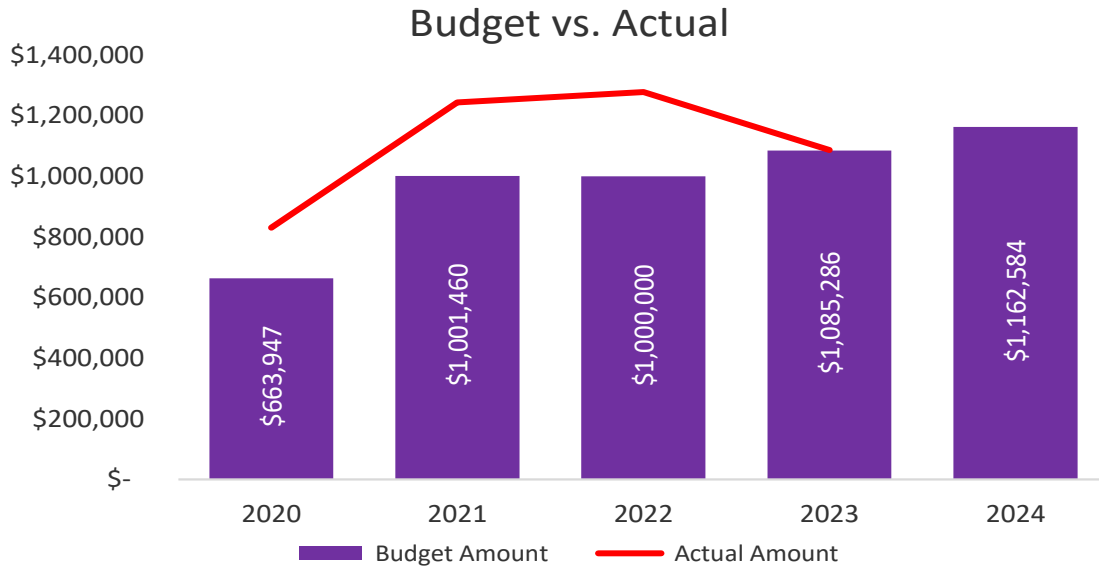


Recycled Water Department Revenue

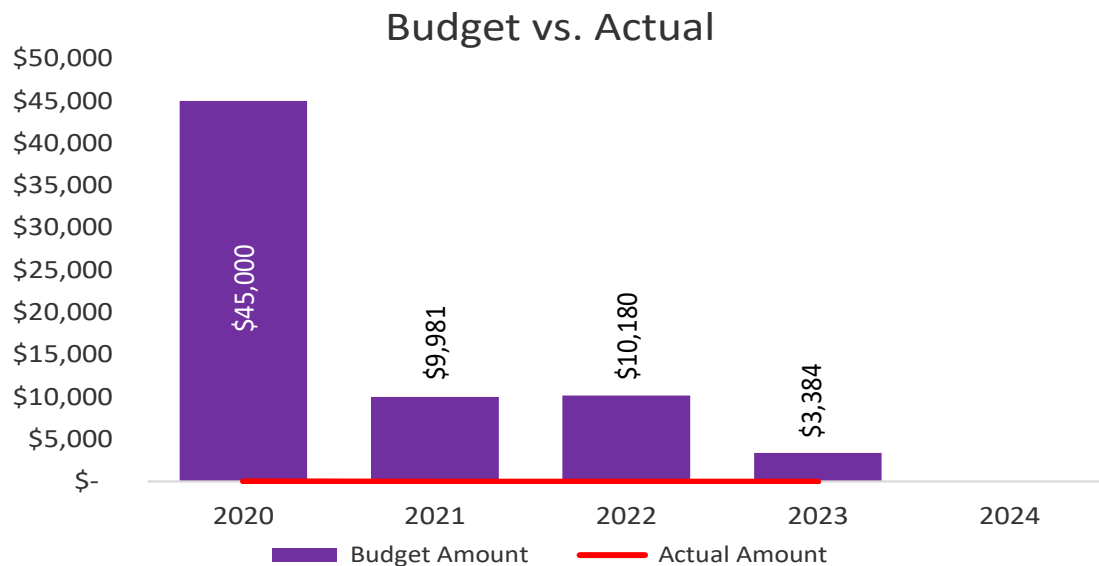
Account	2019-20 Budget	2019-20 Actual	2020-21 Budget	2020-21 Actual	2021-22 Budget	2021-22 Actual	2022-23 Budget	2022-23 Actual	2023-24 Budget	Increase (Decrease) in Budget	Increase (Decrease) %
04-400-40010. Sales-Water & Non Potable	\$ 663,947	\$ 830,259	\$ 1,001,460	\$ 1,243,705	\$ 1,000,000	\$ 1,277,670	\$ 1,085,286	\$ 1,086,235	\$ 1,162,584	\$ 77,298	7.1%
04-400-40011. Sales-Construction Water	\$ 45,000	\$ 45	\$ 9,981	\$ -	\$ 10,180	\$ -	\$ 3,384	\$ -	\$ -	\$ (3,384)	-100.0%
04-400-40017. Sales-Excess Drinking Water	\$ -	\$ 9,407	\$ 8,574	\$ 37,830	\$ 25,000	\$ 68,519	\$ 57,576	\$ 53,386	\$ 54,000	\$ (3,576)	-6.2%
04-400-40018. Sales-Infrastructure	\$ -	\$ 36,451	\$ 72,642	\$ 111,727	\$ 74,755	\$ 114,260	\$ 106,902	\$ 88,227	\$ 95,000	\$ (11,902)	-11.1%
04-400-41000. Sales-Service Demand Charges	\$ 90,000	\$ 120,732	\$ 153,641	\$ 188,375	\$ 188,897	\$ 227,174	\$ 225,953	\$ 249,051	\$ 264,808	\$ 38,855	17.2%
04-400-41003. Sales-Const Water Minimum Chg	\$ 1,000	\$ 906	\$ 821	\$ 1,736	\$ 823	\$ 2,554	\$ 825	\$ 3,654	\$ 827	\$ 2	0.2%
04-400-41110. Meter/Lateral Installation	\$ 70,000	\$ 116,135	\$ 1,020	\$ 104,877	\$ 50,000	\$ 33,504	\$ 35,000	\$ 34,767	\$ 35,000	\$ -	0.0%
04-400-41121. Penalty - Late Charges	\$ 5,000	\$ 3,604	\$ 2,000	\$ -	\$ 2,010	\$ 2,634	\$ 2,020	\$ 9,820	\$ 9,800	\$ 7,780	385.1%
04-400-41122. Revenue - Other, Operating	\$ 500	\$ 218	\$ 505	\$ 1,309	\$ 510	\$ 1,018	\$ 515	\$ 899	\$ 900	\$ 385	74.8%
04-400-41124. Bad Debt Write-Off & Recovery	\$ -	\$ -	\$ -	\$ (35)	\$ -	\$ (49)	\$ -	\$ -	\$ -	\$ -	
04-430-43010. Interest Earned	\$ 25,000	\$ 13,117	\$ 19,716	\$ 5,174	\$ 5,000	\$ 2,439	\$ 42,000	\$ 28,902	\$ 29,000	\$ (13,000)	-31.0%
04-431-43120. Property Tax - Secured	\$ 400,000	\$ 400,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 202,226	\$ 202,226	
04-491-49150. Revenue-Misc Non-Operating	\$ 1,000	\$ 28	\$ -	\$ 27,894	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
	\$ 1,301,447	\$ 1,530,903	\$ 1,270,360	\$ 1,722,592	\$ 1,357,175	\$ 1,729,723	\$ 1,559,461	\$ 1,554,941	\$ 1,854,145	\$ 294,684	18.9%

NOTE: Pages 4-4 through 4-8 following this spreadsheet will provide more detail on most line items.

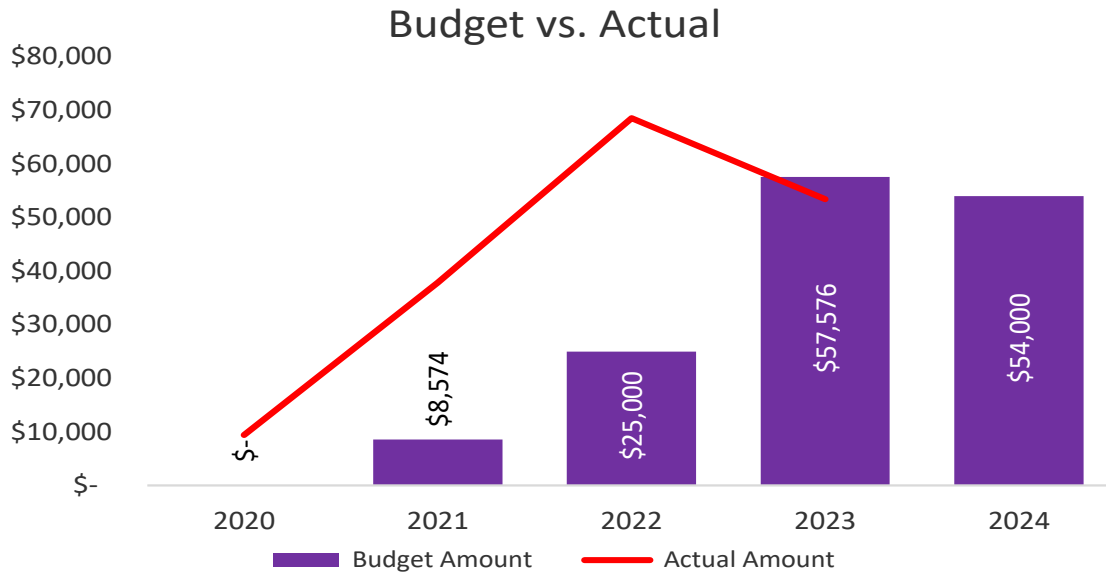
Recycled Water – Commodity Charge (04-400-40010): This revenue source is the variable component of the recycled water sales that is based on the amount of recycled water consumed by our customers. Recycled water sales represent the largest single revenue source in the Recycled Water Division. Being a variable cost component of the District’s recycled water revenue, this revenue source is by its very nature variable and directly dependent on the amount of recycled water consumed. It is highly subject to seasonal variations and climatic changes.



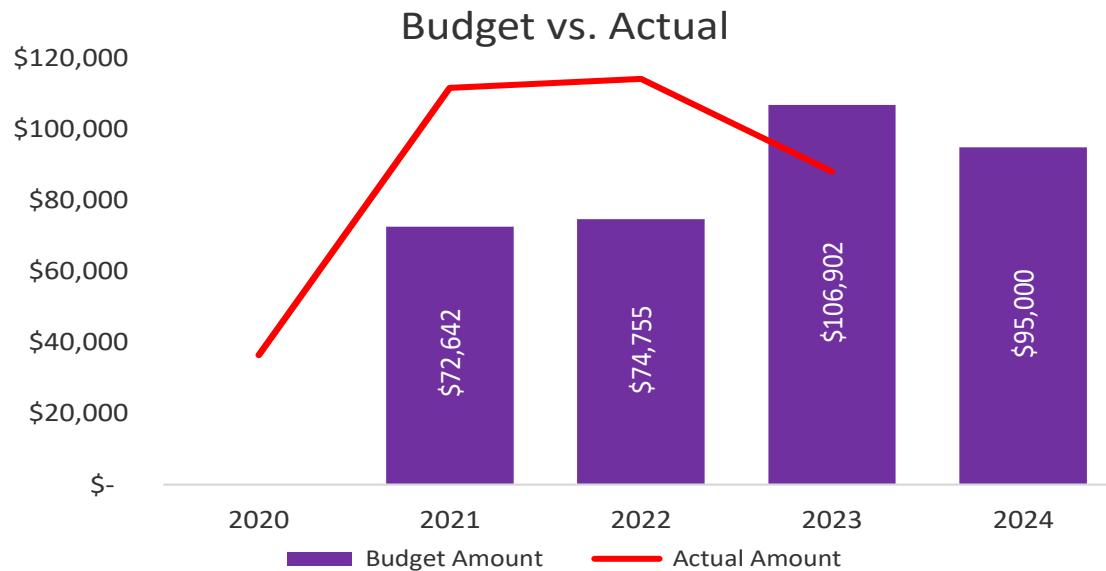
Construction Water – Commodity Charges (04-400-40011): This revenue source is highly variable recycled water consumption revenue collected from developers and contractors for construction purposes. The amount of revenue generated from this source is directly dependent on the timing and magnitude of new construction in our service area. A similar revenue category exists in the drinking water division for potable water used for construction purposes.



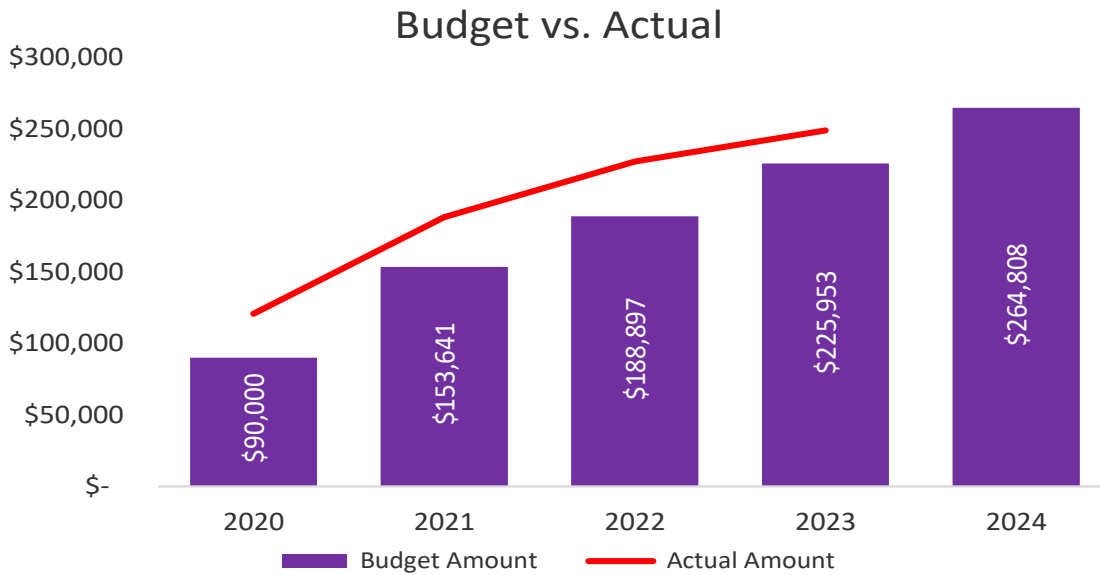
Excess Recycled Water Revenue (04-400-40017): This revenue source is generated from the recycled water used by customers each month that exceeds the quantity of purchased capacity in the system at time the new service was originally established. The excess usage creates additional demand and costs for the operation, repair, maintenance, and replacement of recycled water filtration facilities, pipelines, reservoirs and boosters. This was a new revenue source beginning in 2019-20.



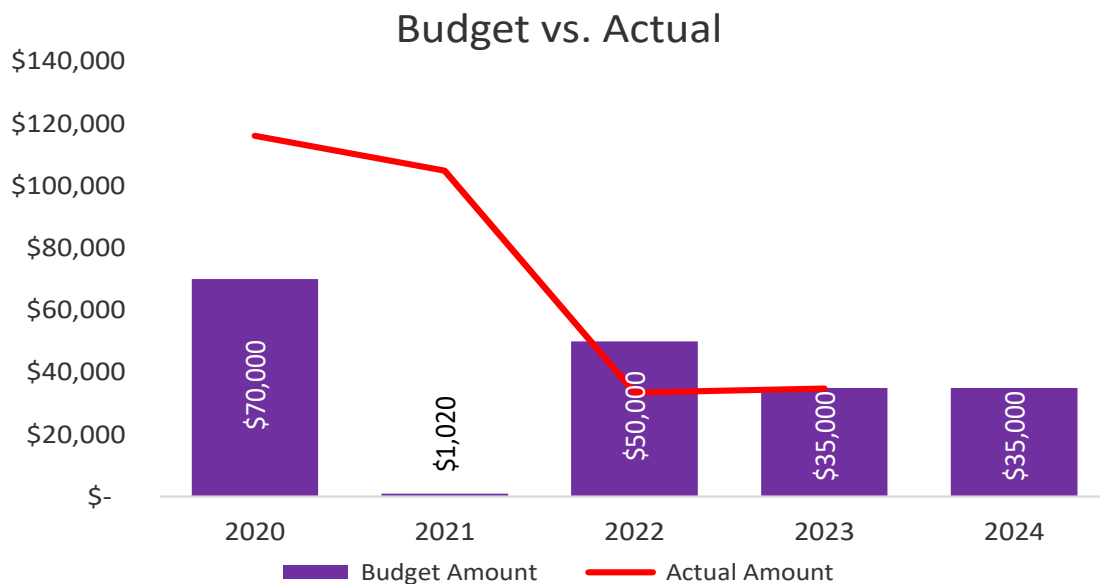
Infrastructure Recycled Water Revenue (04-400-40018): This revenue source applies to each billing unit, or fraction thereof to fund the replacement of infrastructure that supports the recycled water system. This was a new revenue source beginning in 2019-20.



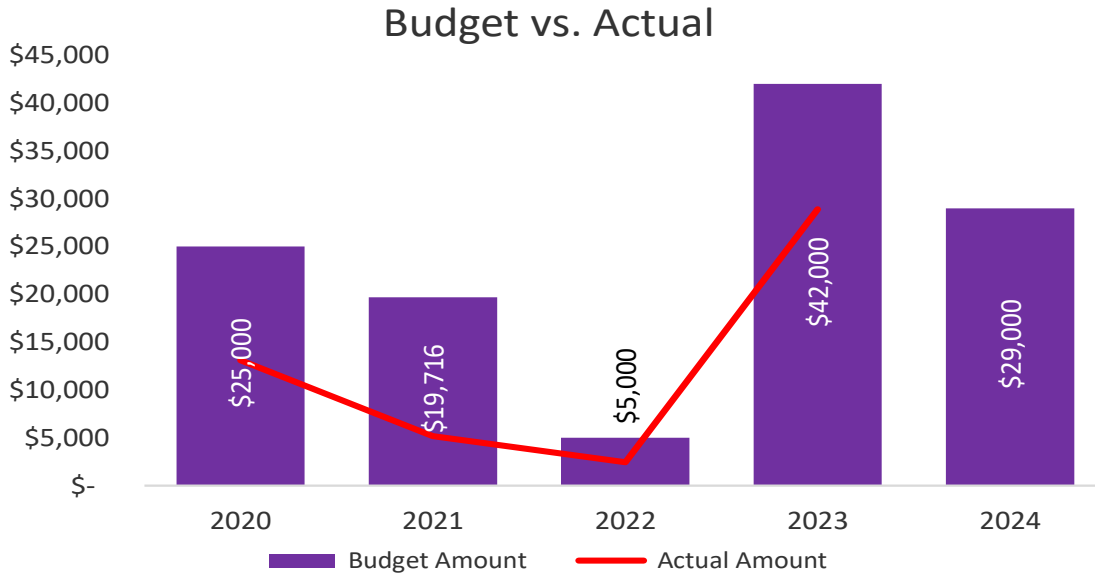
Recycled Water – Service Demand Charge (04-400-41000): This revenue source is the fixed rate component charged to all recycled water customers. Since this is a fixed charge, the estimated amount of revenue derived from this source is fairly constant year to year.



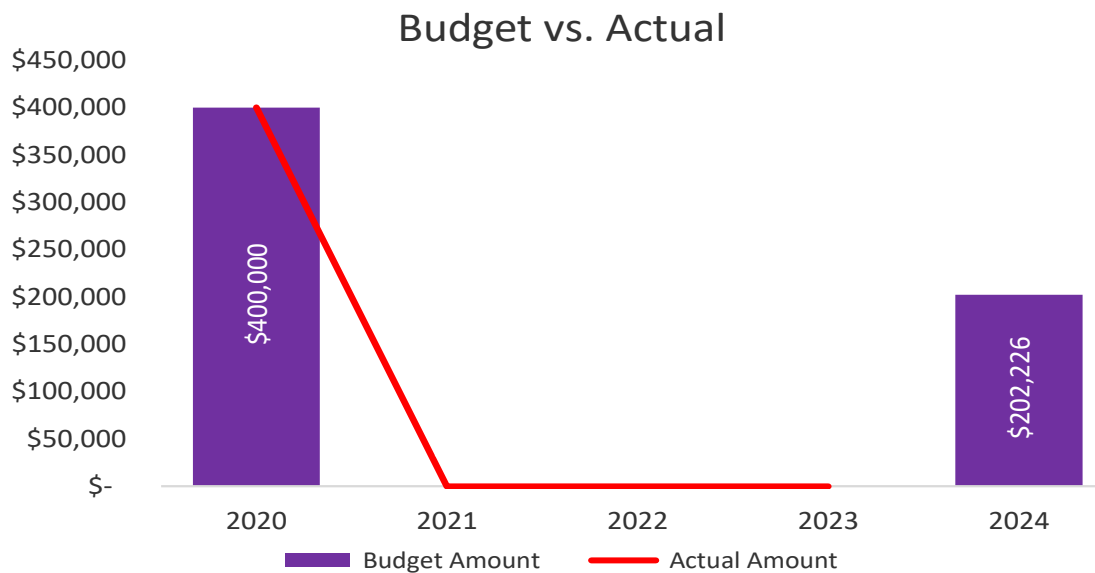
Recycled Water – Meter/Lateral Installation (04-400-41110): This revenue source is associated with the cost for installing a recycled water meter and service lateral for a new customer. The revenue generated from this source is directly dependent on the number of new recycled water meter installations that occur as a result of development.



Interest Earned (04-430-43010): This revenue source is generated from the investment interest earnings. The District's investment policy utilizes California Asset Management Program (CAMP) and Local Agency Investment Fund (LAIF) as the investment vehicles. Significantly lesser amounts are invested in the U.S. Securities and money market funds. The budgeted amount has been reduced to more accurately reflect the anticipated revenue for 2023-24.



Property Tax – Secured (04-431-43120): This revenue source is generated from the secured portion of the property tax increment received by the District from properties within the District's service area. Secured property taxes are those taxes collected on real property such as land and structures.



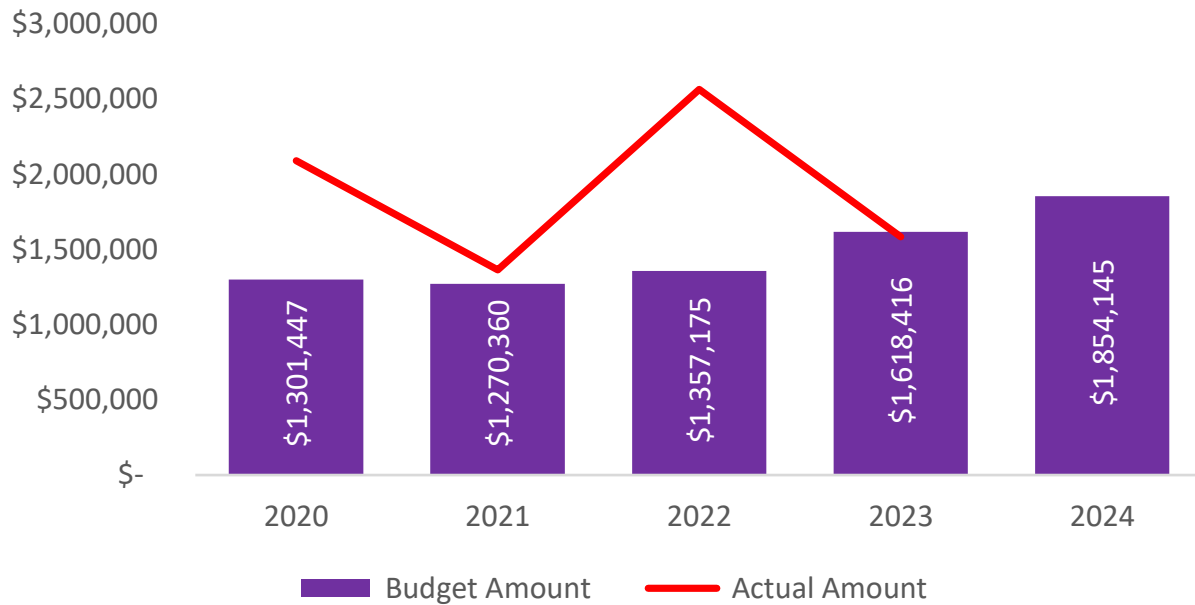
Other sources of operating revenue for the recycled water division include:

- Construction Water – Service Charge (04-400-41003)
- Penalty - Late Charges (04-400-41121)
- Revenue – Other, Operating (02-400-41122)

Recycled Water Division

The Recycled Water Division is currently comprised of only one department, Recycled Water Administration. Below is a historical view of prior years budgeted expenses compared to actual expenses.

Budget vs. Actual



	Budget Amount		Actual Amount	
2020	\$	1,301,447	\$	2,089,260
2021	\$	1,270,360	\$	1,364,774
2022	\$	1,357,175	\$	2,564,188
2023	\$	1,618,416	\$	1,584,348
2024	\$	1,854,145		

Recycled Water Department

Department Description – The Recycled Water Department consists of individuals assigned to other duties that work together to implement, monitor, inspect, operate and perform the required duties of the recycled water enterprise.

Departmental Responsibilities – The Recycled Water Department is responsible for developing the District's activities related to recycled water service in the community.

Organizational Structure & Staffing Levels – This year the Recycled Water Department has been allocated labor resources of 8.20 Full-Time Equivalent (FTE) employees¹.

Title	Range	FTE	Expense
General Manager	-	0.10	\$ 40,549
Chief Financial Officer	259	0.05	\$ 17,130
Director of Engineering	246	0.15	\$ 39,022
Operations Manager	240	0.30	\$ 74,128
Resource Manager	237	0.30	\$ 79,129
Administrative Manager	234	0.05	\$ 11,261
Public Works Manager	234	0.20	\$ 48,488
Regulatory Compliance Manager	229	0.30	\$ 53,842
Chief Information Officer	226	0.10	\$ 14,881
Public Works Supervisor	117	1.50	\$ 292,456
Water Resource Specialist	113	0.30	\$ 46,679
Senior Engineering Technician	110	0.15	\$ 20,946
Senior Utility Services Worker	54	0.30	\$ 51,411
Utility Service Worker IV	49	0.55	\$ 80,087
Purchasing Agent	45	0.05	\$ 5,689
Utility Service Worker III	44	0.85	\$ 112,630
Utility Service Worker II	36	0.85	\$ 94,880
Utility Service Worker I	32	2.10	\$ 223,334
Total		8.20	\$ 1,306,542

This year, the Recycled Water Department will be allocated \$1,854,145 (not including asset acquisitions & capital improvements), which represents an increase of \$235,729 as compared to the prior year modified budget, or a 14.6% increase.

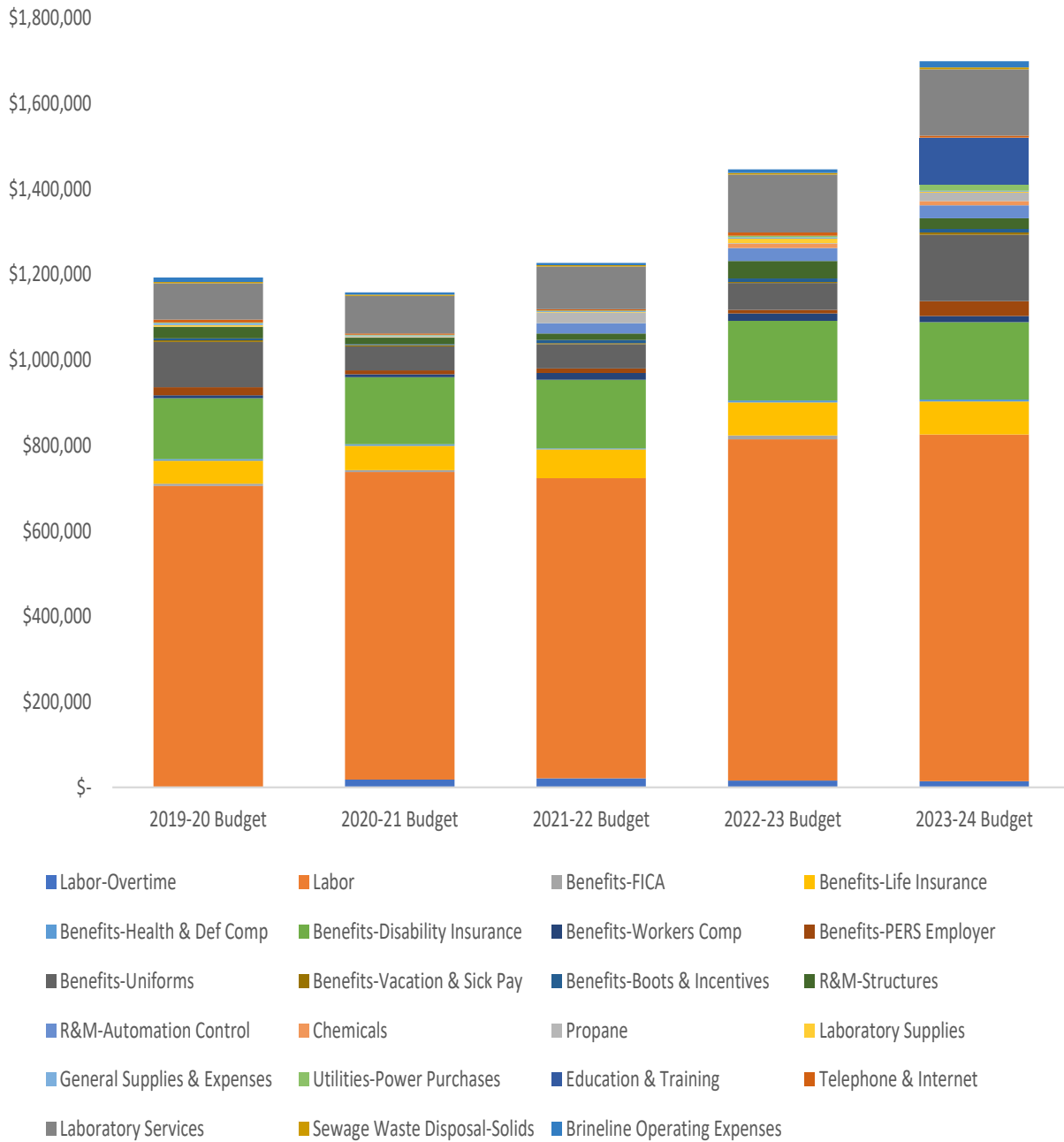
Anticipated Issues for this Fiscal Year – The following issues have been identified for this fiscal year. The specific resolution to the issues presented below may need to be further analyzed by District staff and presented to the Board of Directors for the adoption of a specific policy, procurement or other action as deemed necessary.

- The District continues to underfund our actual depreciation expenses. This issue is most readily apparent in the annual financial audit which shows the following funded and unfunded depreciation expense. The underfunded depreciation has been addressed as part of the most recent rate study and will continue to improve over the next few years. In order to adequately fund the repair and replacement of District facilities, additional funding is necessary.

¹ The positions that are assigned a FTE value of less than 1.0 are involved in other divisions such as the Sewer Division and Recycled Water Division.

Budget Overview – The following illustration shows the budgeted line items for the Recycled Water Budget.

Expense Budget



Recycled Water Department

Account	2019-20 Budget	2019-20 Actual	2020-21 Budget	2020-21 Actual	2021-22 Budget	2021-22 Actual	2022-23 Budget	2022-23 Projected	2023-24 Budget	Increase (Decrease) in Budget	Increase (Decrease) %
04-506-50009. Labor - Overtime	\$ -	\$ 7,408	\$ 18,771	\$ 9,106	\$ 21,428	\$ 9,674	\$ 16,342	\$ 12,293	\$ 14,881	\$ (1,461)	-8.9%
04-506-50010. Labor	\$ 705,207	\$ 592,290	\$ 718,807	\$ 690,319	\$ 701,675	\$ 687,725	\$ 798,301	\$ 687,475	\$ 811,113	\$ 12,812	1.6%
04-506-50012. Director Fees	\$ 5,000	\$ -	\$ 5,000	\$ -	\$ -	\$ -	\$ 8,573	\$ -	\$ -	\$ (8,573)	-100.0%
04-506-50013. Benefits-FICA	\$ 53,948	\$ 46,740	\$ 56,805	\$ 54,617	\$ 67,679	\$ 54,661	\$ 77,374	\$ 54,004	\$ 77,198	\$ (176)	-0.2%
04-506-50014. Benefits-Life Insurance	\$ 3,600	\$ 1,163	\$ 3,735	\$ 1,166	\$ 2,654	\$ 1,157	\$ 4,566	\$ 1,238	\$ 4,118	\$ (448)	-9.8%
04-506-50016. Benefits-Health & Def Comp	\$ 143,004	\$ 170,206	\$ 156,856	\$ 186,206	\$ 160,108	\$ 187,585	\$ 186,610	\$ 210,219	\$ 181,290	\$ (5,320)	-2.9%
04-506-50017. Benefits-Disability Insurance	\$ 6,347	\$ 8,278	\$ 6,640	\$ 9,453	\$ 15,747	\$ 10,040	\$ 17,398	\$ 9,655	\$ 14,129	\$ (3,269)	-18.8%
04-506-50019. Benefits-Workers Compensation	\$ 19,041	\$ 13,583	\$ 9,080	\$ 19,544	\$ 10,862	\$ 18,168	\$ 8,247	\$ 17,559	\$ 35,003	\$ 26,756	324.4%
04-506-50021. Benefits-PERS Employee	\$ -	\$ -	\$ -	\$ (423)	\$ -	\$ (542)	\$ -	\$ -	\$ -	\$ -	
04-506-50022. Benefits-PERS Employer	\$ 105,781	\$ 46,756	\$ 56,064	\$ 121,364	\$ 57,041	\$ 52,872	\$ 62,713	\$ 154,478	\$ 154,867	\$ 92,154	146.9%
04-506-50023. Benfits-Uniforms	\$ 3,750	\$ 1,652	\$ 3,000	\$ 1,802	\$ 1,716	\$ 1,508	\$ 2,418	\$ 2,561	\$ 5,806	\$ 3,388	140.1%
04-506-50025. Benefits-Boots & Incentives	\$ 4,750	\$ 3,420	\$ 2,340	\$ 2,130	\$ 7,654	\$ 10	\$ 8,377	\$ 3,240	\$ 8,137	\$ (240)	-2.9%
04-506-51003. R&M - Structures	\$ 26,519	\$ 27,755	\$ 15,300	\$ 23,631	\$ 15,606	\$ 45,810	\$ 40,826	\$ 22,274	\$ 25,000	\$ (15,826)	-38.8%
04-506-51011. R&M - Valves	\$ 500	\$ -	\$ 510	\$ 17,527	\$ 24,000	\$ 23,191	\$ 30,000	\$ 24,024	\$ 30,000	\$ -	0.0%
04-506-51012. R&M - ClaVal	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 10,000	\$ 5,847	\$ 10,000	\$ -	0.0%
04-506-51020. R&M - Pipelines	\$ 500	\$ 74,373	\$ 510	\$ 17,795	\$ 24,000	\$ 1,369	\$ 1,800	\$ 31,071	\$ 20,000	\$ 18,200	1011.1%
04-506-51021. R&M - Service Lines	\$ 4,000	\$ -	\$ 2,040	\$ -	\$ 2,081	\$ 1,780	\$ 9,958	\$ 3,158	\$ 2,165	\$ (7,793)	-78.3%
04-506-51022. R&M - Fire Hydrants	\$ 4,000	\$ -	\$ 2,040	\$ 80	\$ 2,081	\$ 2,746	\$ 3,122	\$ -	\$ 2,165	\$ (957)	-30.7%
04-506-51030. R&M - Meters	\$ 1,500	\$ 3,413	\$ 1,530	\$ 3,647	\$ 1,561	\$ 33,537	\$ 3,592	\$ 19,164	\$ 15,000	\$ 11,408	317.6%
04-506-51032. R&M - Facility Improvements	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 109,000	\$ 109,000	
04-506-51140. General Supplies & Expenses	\$ 7,000	\$ 5,545	\$ 3,060	\$ 2,991	\$ 3,121	\$ 10,233	\$ 8,184	\$ 5,346	\$ 5,000	\$ (3,184)	-38.9%
04-506-51210. Utilities - Power Purchases	\$ 84,500	\$ 78,893	\$ 87,880	\$ 90,863	\$ 99,735	\$ 160,058	\$ 135,000	\$ 152,945	\$ 155,000	\$ 20,000	14.8%
04-506-54002. Dues & Subscriptions	\$ 3,000	\$ 3,535	\$ 3,060	\$ 3,436	\$ 3,121	\$ 3,072	\$ 4,000	\$ 4,655	\$ 4,700	\$ 700	17.5%
04-506-54005. Computer Expenses	\$ 11,000	\$ 10,875	\$ 5,100	\$ 12,879	\$ 5,202	\$ 8,384	\$ 8,747	\$ 14,295	\$ 14,300	\$ 5,553	63.5%
04-506-54012. Education & Training	\$ 3,500	\$ 811	\$ 5,132	\$ 1,503	\$ 3,641	\$ 4,363	\$ 2,500	\$ 4,667	\$ 3,789	\$ 1,289	51.6%
04-506-54014. Public Relations	\$ 4,200	\$ 3,249	\$ 4,284	\$ 3,947	\$ 4,370	\$ 1,036	\$ 4,457	\$ 4,033	\$ 4,546	\$ 89	2.0%
04-506-54016. Travel Related Expenses	\$ 1,000	\$ 646	\$ 1,020	\$ 18	\$ 1,040	\$ 240	\$ 1,061	\$ 537	\$ 1,082	\$ 21	2.0%
04-506-54017. Certifications & Renewals	\$ 500	\$ 75	\$ 510	\$ 1,052	\$ 520	\$ -	\$ 531	\$ 587	\$ 541	\$ 10	1.9%
04-506-54019. Licenses & Permits	\$ 7,500	\$ 11,898	\$ 7,650	\$ 10,509	\$ 14,000	\$ 370	\$ 11,959	\$ 10,459	\$ 10,500	\$ (1,459)	-12.2%
04-506-54020. Meeting Related Expenses	\$ 1,400	\$ 834	\$ 1,428	\$ 411	\$ 1,457	\$ 397	\$ 686	\$ 503	\$ 1,515	\$ 829	120.8%
04-506-54022. Utilities - YVWD Services	\$ 12,500	\$ 6,543	\$ 12,750	\$ 8,026	\$ 13,005	\$ 14,908	\$ 13,265	\$ 24,440	\$ 25,000	\$ 11,735	88.5%
04-506-54025. Telephone & Internet	\$ 1,400	\$ 2,009	\$ 1,428	\$ 2,559	\$ 1,457	\$ 2,771	\$ 2,386	\$ 4,054	\$ 4,100	\$ 1,714	71.8%
04-506-54104. Contractural Services	\$ 10,000	\$ 31,187	\$ 10,200	\$ 25,816	\$ 30,000	\$ 29,020	\$ 62,474	\$ 24,593	\$ 25,000	\$ (37,474)	-60.0%
04-506-54107. Legal	\$ 500	\$ -	\$ 510	\$ -	\$ 520	\$ 4,050	\$ 2,500	\$ 1,200	\$ 1,200	\$ (1,300)	-52.0%
04-506-54108. Audit & Accounting	\$ 4,000	\$ 5,237	\$ 4,080	\$ 8,200	\$ 6,800	\$ 6,673	\$ 7,500	\$ 10,702	\$ 10,000	\$ 2,500	33.3%
04-506-54109. Professional Fees	\$ 30,000	\$ 14,648	\$ 30,600	\$ 9,878	\$ 20,000	\$ 66,434	\$ 10,000	\$ 11,112	\$ 15,000	\$ 5,000	50.0%
04-506-55500. Depreciation	\$ -	\$ 874,938	\$ -	\$ 3	\$ -	\$ 1,079,193	\$ -	\$ -	\$ -	\$ -	
04-506-56001. Insurance	\$ 25,000	\$ 27,830	\$ 25,500	\$ 24,537	\$ 26,010	\$ 29,304	\$ 29,530	\$ 42,861	\$ 43,000	\$ 13,470	45.6%
04-506-57030. Regulatory Compliance	\$ 6,500	\$ 13,472	\$ 6,630	\$ 183	\$ 6,763	\$ 12,389	\$ 22,888	\$ 9,099	\$ 10,000	\$ (12,888)	-56.3%
04-506-57040. Environmental Compliance	\$ 500	\$ -	\$ 510	\$ -	\$ 520	\$ -	\$ 531	\$ -	\$ -	\$ (531)	-100.0%
\$ 1,301,447	\$ 2,089,260	\$ 1,270,360	\$ 1,364,774	\$ 1,357,175	\$ 2,564,188	\$ 1,618,416	\$ 1,584,348	\$ 1,854,145	\$ 235,729	14.6%	

NOTE: Pages 4-13 through 4-41 following this spreadsheet will provide more detail on each line item.

Recycled Water Division

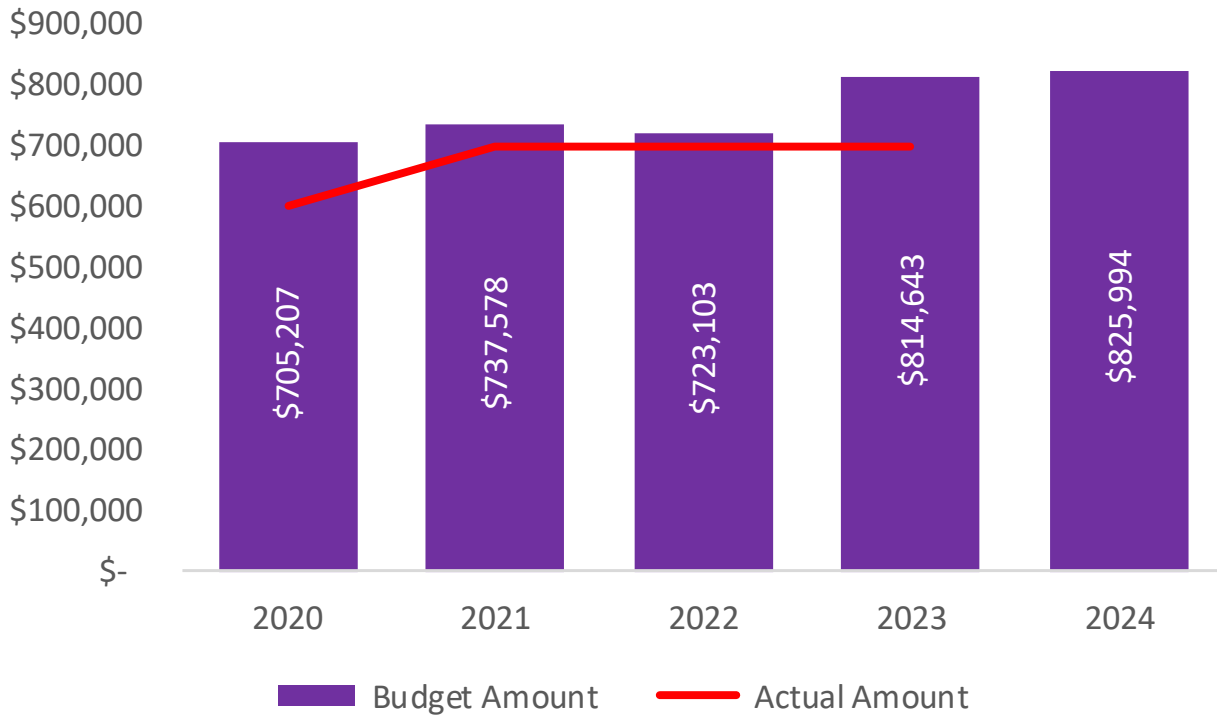
04-506-500xx

Labor

This budget category includes the base salaries and overtime associated with the department staff members. Fiscal year 2020-21 was the first time the District had budgeted for overtime separately.

Account	2019-20 Actual	2020-21 Actual	2021-22 Actual	2022-23 Projection	2023-24 Budget
04-506-50009. Labor - Overtime	\$ 7,408	\$ 9,106	\$ 9,674	\$ 12,293	\$ 14,881
04-506-50010. Labor	\$ 592,290	\$ 690,319	\$ 687,725	\$ 687,475	\$ 811,113
	\$ 599,697	\$ 699,424	\$ 697,400	\$ 699,768	\$ 825,994

Budget vs. Actual



Recycled Water Division

04-506-500xx

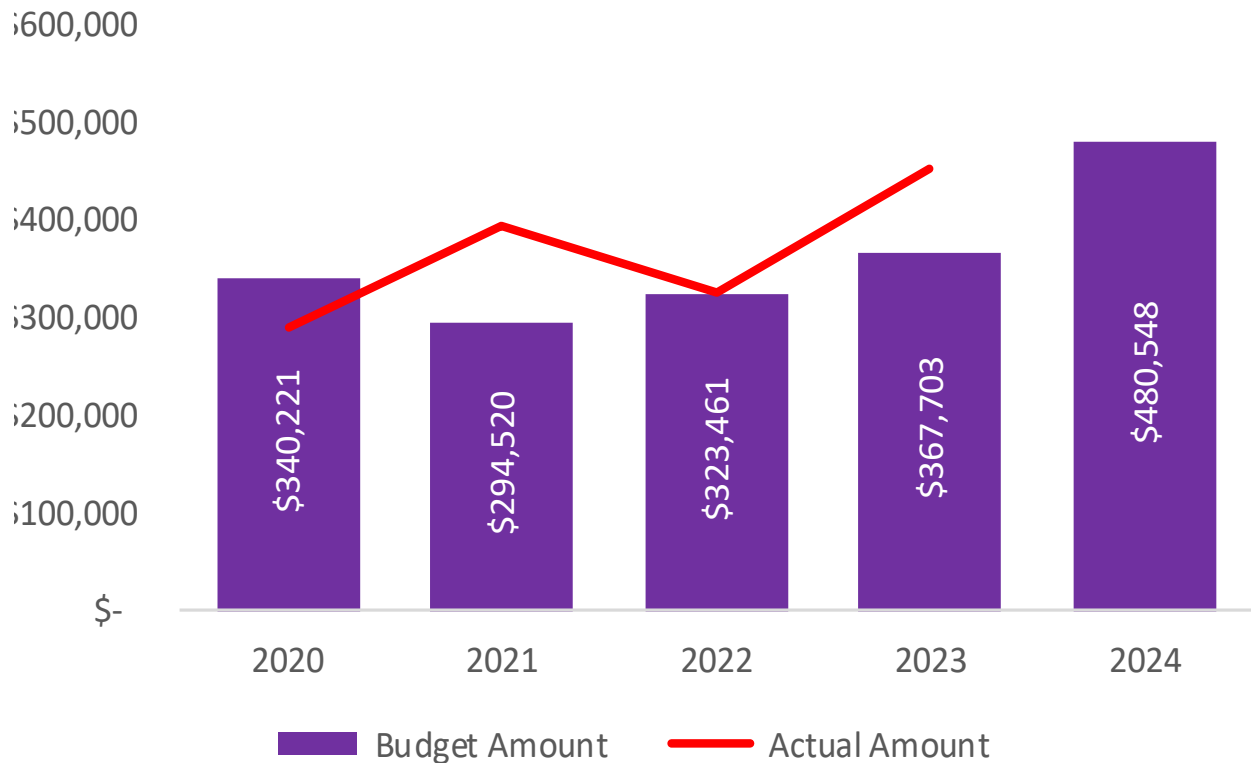
Benefits

This budget category includes the District paid benefits for the staff members of the department including a portion of benefits paid to Directors.

Account	2019-20 Actual	2020-21 Actual	2021-22 Actual	2022-23 Projection	2023-24 Budget
04-506-50013. Benefits-FICA	\$ 46,740	\$ 54,617	\$ 54,661	\$ 54,004	\$ 77,198
04-506-50014. Benefits-Life Insurance	\$ 1,163	\$ 1,166	\$ 1,157	\$ 1,238	\$ 4,118
04-506-50016. Benefits-Health & Def Comp	\$ 170,206	\$ 186,206	\$ 187,585	\$ 210,219	\$ 181,290
04-506-50017. Benefits-Disability Insurance	\$ 8,278	\$ 9,453	\$ 10,040	\$ 9,655	\$ 14,129
04-506-50019. Benefits-Workers Compensation	\$ 13,583	\$ 19,544	\$ 18,168	\$ 17,559	\$ 35,003
04-506-50021. Benefits-PERS Employee	\$ -	\$ (423)	\$ (542)	\$ -	\$ -
04-506-50022. Benefits-PERS Employer	\$ 46,756	\$ 121,364	\$ 52,872	\$ 154,478	\$ 154,867
04-506-50023. Benefits-Uniforms	\$ 1,652	\$ 1,802	\$ 1,508	\$ 2,561	\$ 5,806
04-506-50025. Benefits-Boots & Incentives	\$ 3,420	\$ 2,130	\$ 10	\$ 3,240	\$ 8,137
	\$ 291,797	\$ 395,859	\$ 325,459	\$ 452,954	\$ 480,548

Benefits are automatically calculated as a result of payroll within the system. Beginning in fiscal year 2023-24, the District has included the annual PERS Unfunded Liability payment within the budget allocated by staffing throughout the District.

Budget vs. Actual



Recycled Water Division

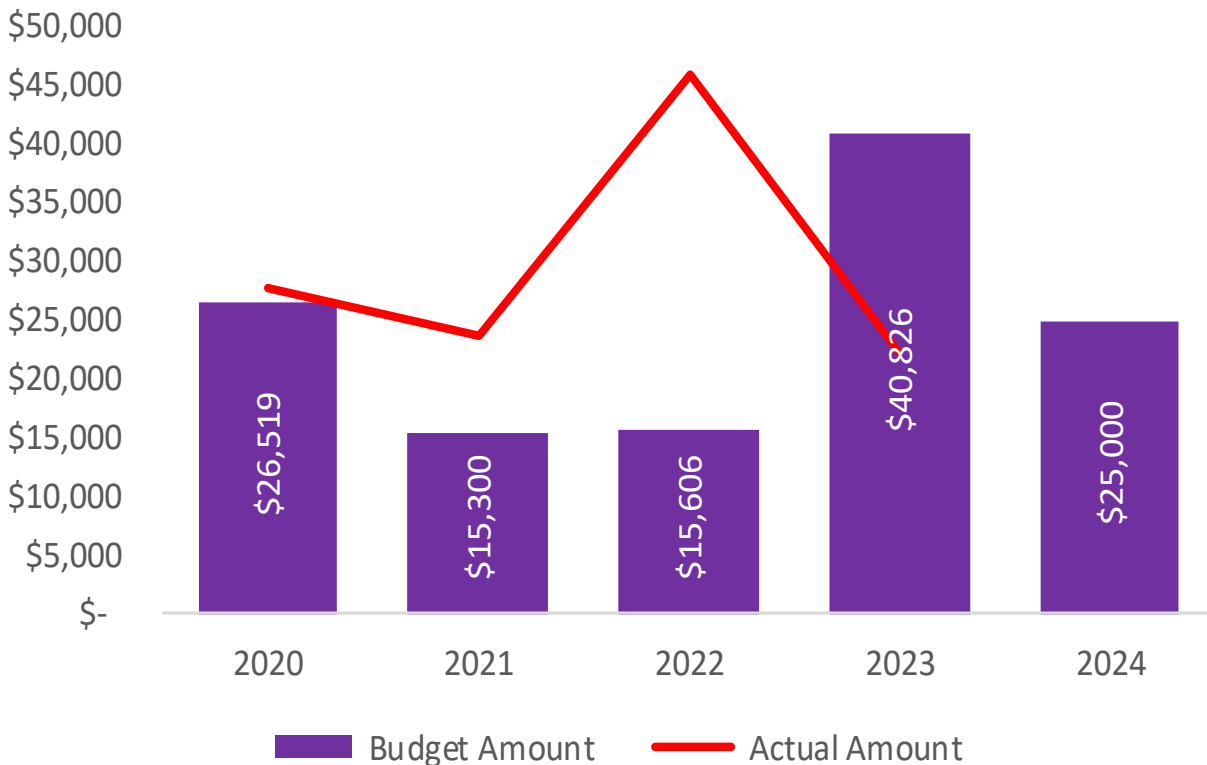
04-506-51003

Repair & Maintenance - Structures

This budget category represents the annual projected costs associated with the maintenance and repair of recycled water related facilities. The budget amount for fiscal year 2023-24 has been decreased as a result of trending.

2019-20 Actual	2020-21 Actual	2021-22 Actual	2022-23 Projected	2023-24 Budget
\$ 27,755	\$ 23,631	\$ 45,810	\$ 22,274	\$ 25,000

Budget vs. Actual



Recycled Water Division

04-506-51011

Repair & Maintenance - Valves

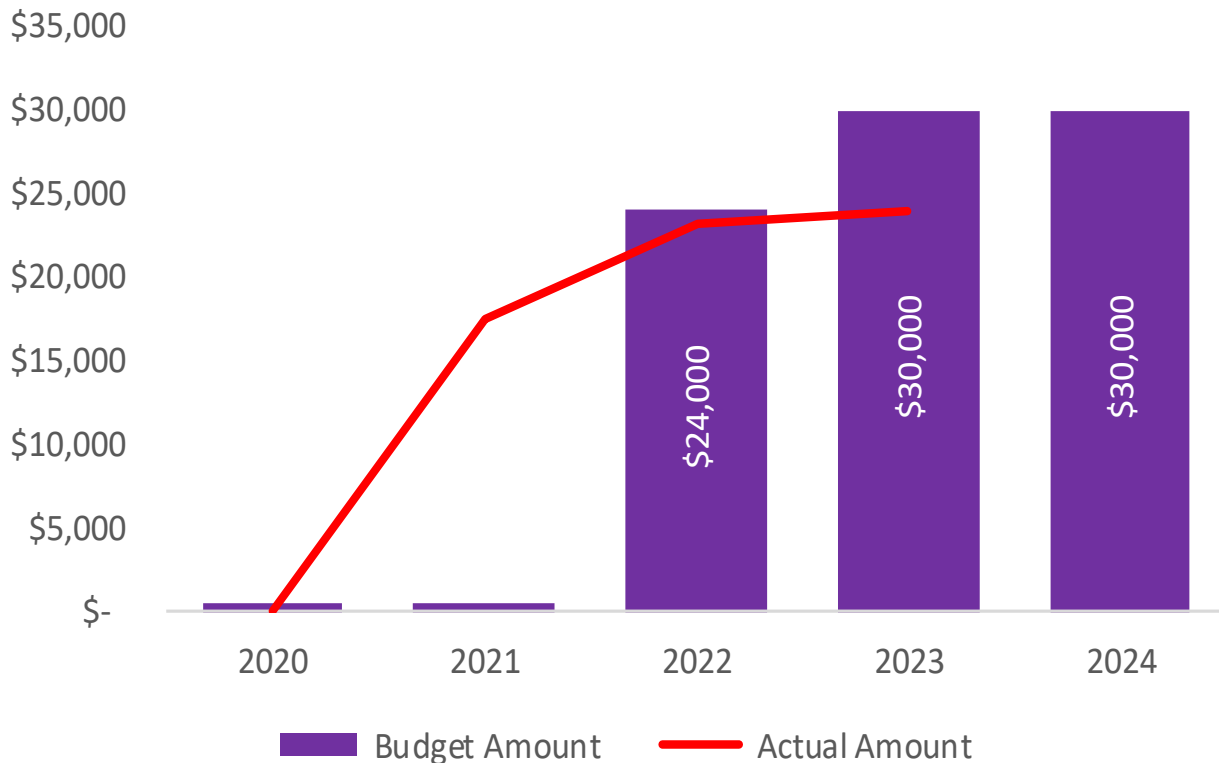
The Recycled Water Division oversees the operation and maintenance of the District's 29 recycled water specialty valves as well as equipment. This does not include the labor from the Water Operations Department, Engineering Department or Public Works Department. Beginning in fiscal year 2021-22, the department has been establishing a consistent maintenance program which has resulted in increased costs. The budget amount for fiscal year 2023-24 has remained constant as a result of trending.

This program involves the maintenance of the following types of valves:

- 12 pressure reducing valves
- 5 pump control valves
- 5 float control valves
- 7 pressure relief valves

2019-20 Actual	2020-21 Actual	2021-22 Actual	2022-23 Projected		2023-24 Budget
\$ -	\$ 17,527	\$ 23,191	\$ 24,024		\$ 30,000

Budget vs. Actual



Recycled Water Division

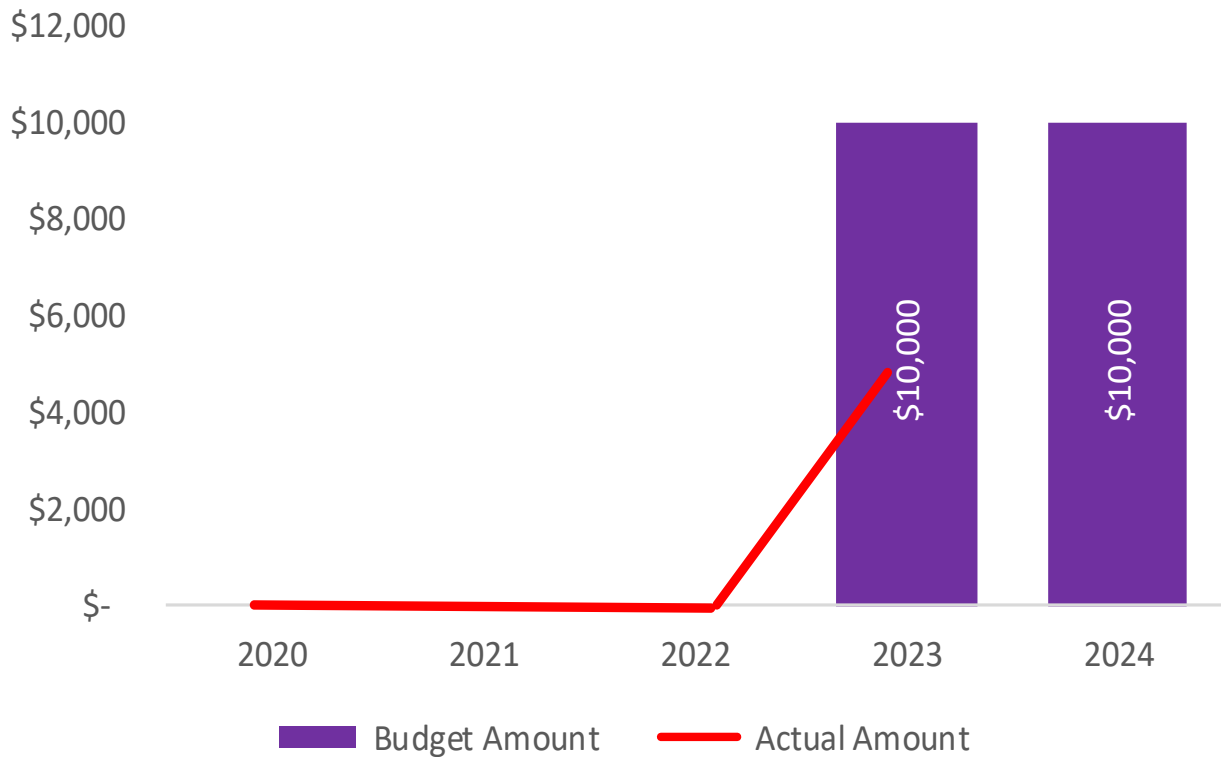
04-506-51012

Repair & Maintenance - ClaVal

The Recycled Water Division oversees the operation and maintenance of the District's 170 ClaVal's. This does not include the labor from the Water Operations Department, Engineering Department or Public Works Department. This is a new expense line item beginning in fiscal year 2022-23.

2019-20 Actual	2020-21 Actual	2021-22 Actual	2022-23 Projected		2023-24 Budget
\$ -	\$ -	\$ -	\$ 5,847		\$ 10,000

Budget vs. Actual



Recycled Water Division

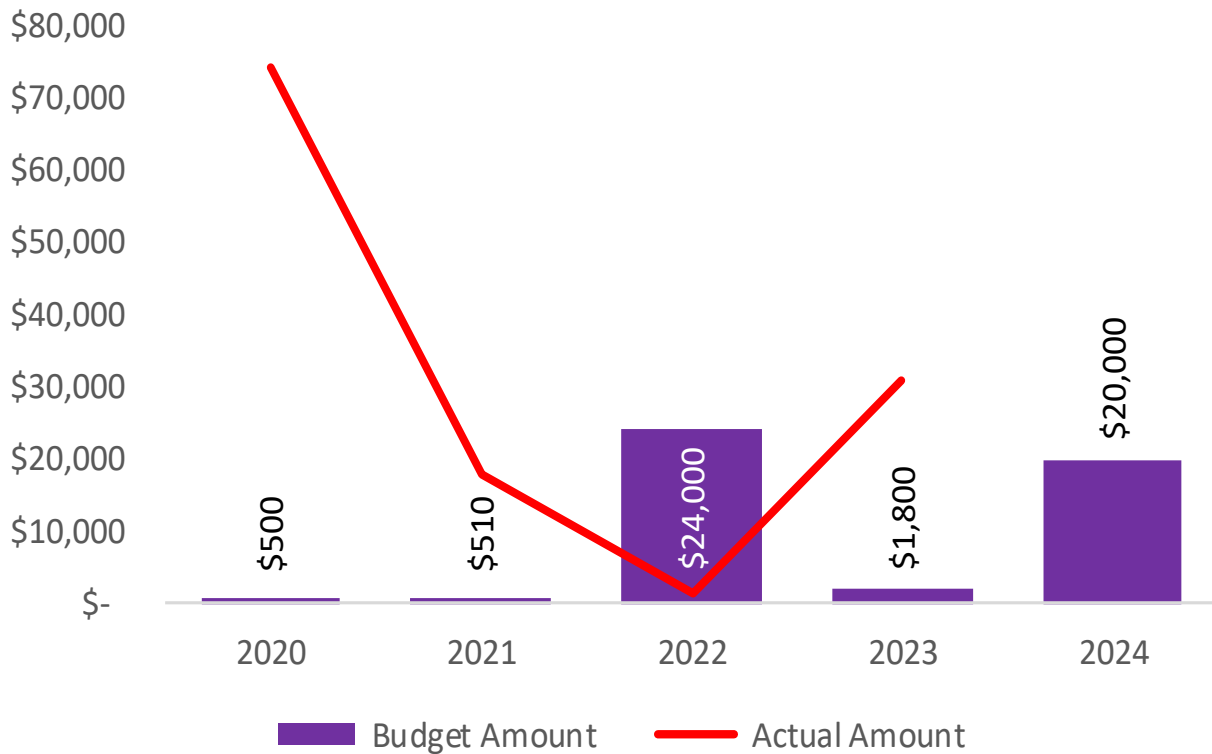
04-506-51020

Repair & Maintenance - Pipelines

This budget category represents the annual projected costs associated with maintaining the District’s recycled transmission and distribution facilities. Costs are reflective of repair and replacement of recycled pipelines and related infrastructure encroachments. In fiscal year 2019-20 an accounting reclassification occurred which resulted in significant expenses for that year. The budget amount for fiscal year 2023-24 has increased as a result of trending.

2019-20 Actual	2020-21 Actual	2021-22 Actual	2022-23 Projected		2023-24 Budget
\$ 74,373	\$ 17,795	\$ 1,369	\$ 31,071		\$ 20,000

Budget vs. Actual



Recycled Water Division

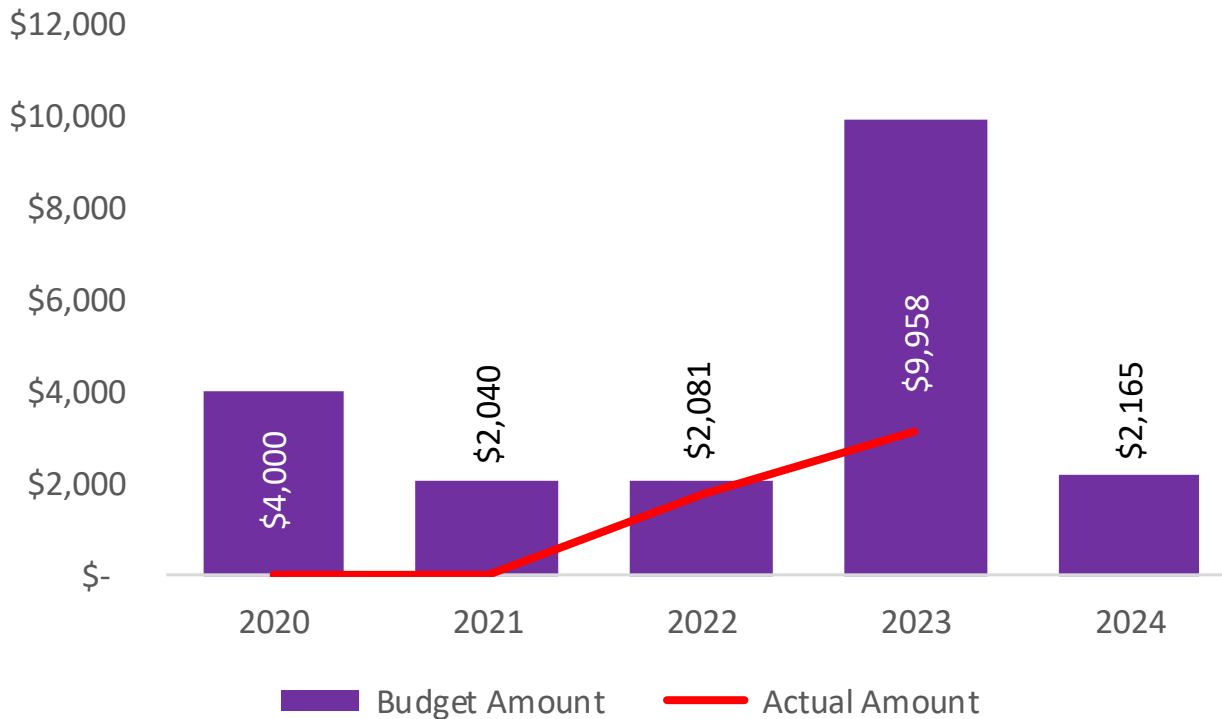
04-506-51021

Repair & Maintenance – Service Lines

The budget category represents the annual projected costs associated with maintaining the District’s recycled water service lines. The budget amount for fiscal year 2023-24 has decreased as a result of trending.

2019-20 Actual	2020-21 Actual	2021-22 Actual	2022-23 Projected		2023-24 Budget
\$ -	\$ -	\$ 1,780	\$ 3,158		\$ 2,165

Budget vs. Actual



Recycled Water Division

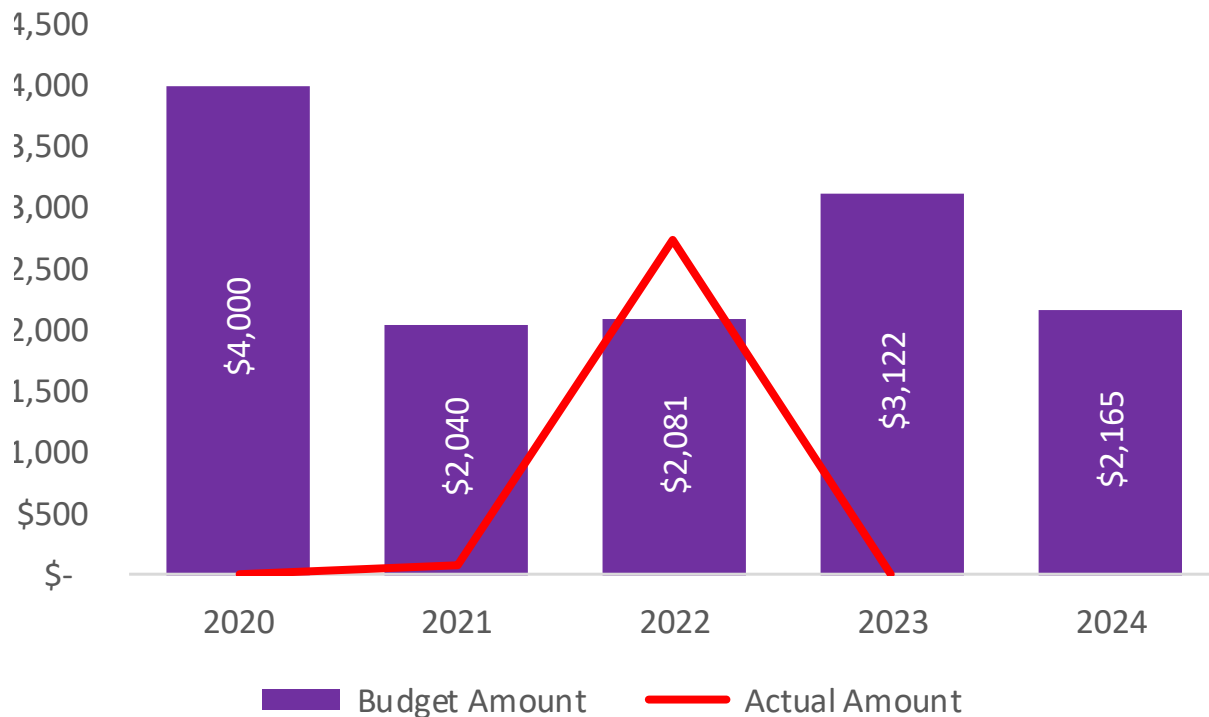
04-506-51022

Repair & Maintenance – Fire Hydrants

The budget category represents the annual projected costs associated with maintaining the District’s recycled water fire hydrants. The budget amount for fiscal year 2023-24 has decreased as a result of trending.

2019-20 Actual	2020-21 Actual	2021-22 Actual	2022-23 Projected		2023-24 Budget
\$ -	\$ 80	\$ 2,746	\$ -		\$ 2,165

Budget vs. Actual



Recycled Water Division

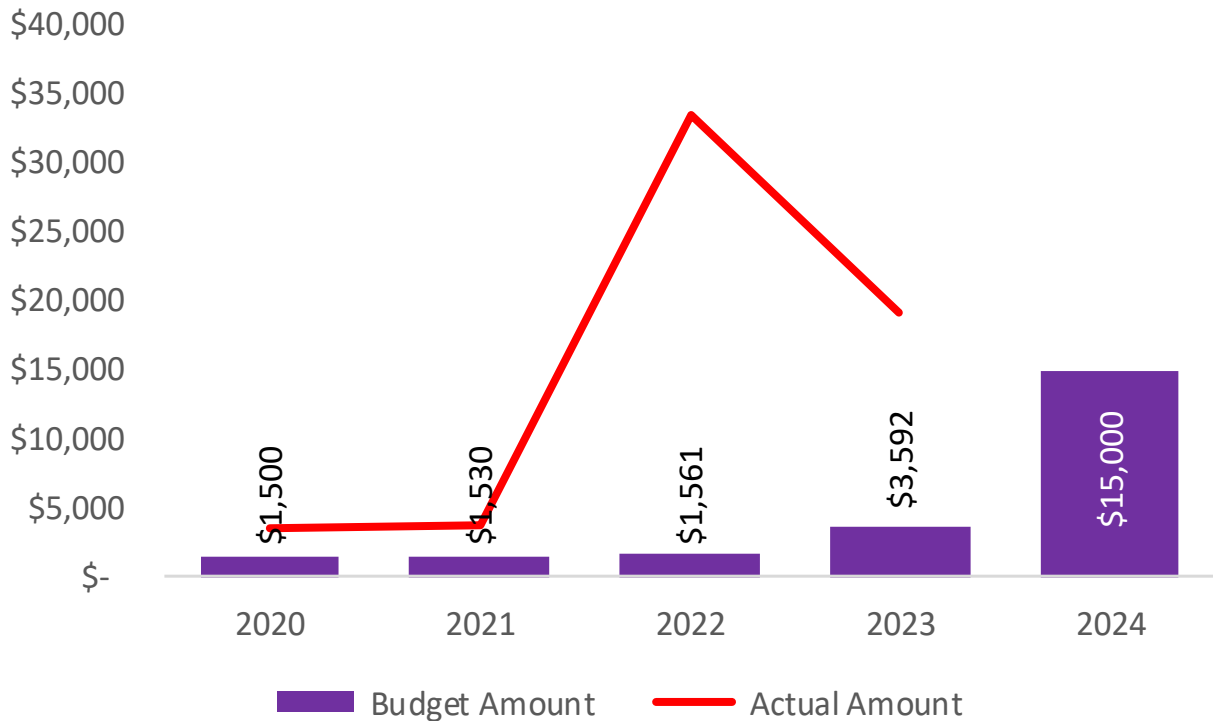
04-506-51030

Repair & Maintenance – Meters

The budget category represents the annual projected costs associated with maintaining the District’s recycled water meters. In fiscal year 2021-22 more recycled meters were issued than initially budgeted. The high number of meters issued is not anticipated to be a recurring expense. However, the budget amount for fiscal year 2023-24 has increased as a result of trending.

2019-20 Actual	2020-21 Actual	2021-22 Actual	2022-23 Projected		2023-24 Budget
\$ 3,413	\$ 3,647	\$ 33,537	\$ 19,164		\$ 15,000

Budget vs. Actual



Recycled Water Division

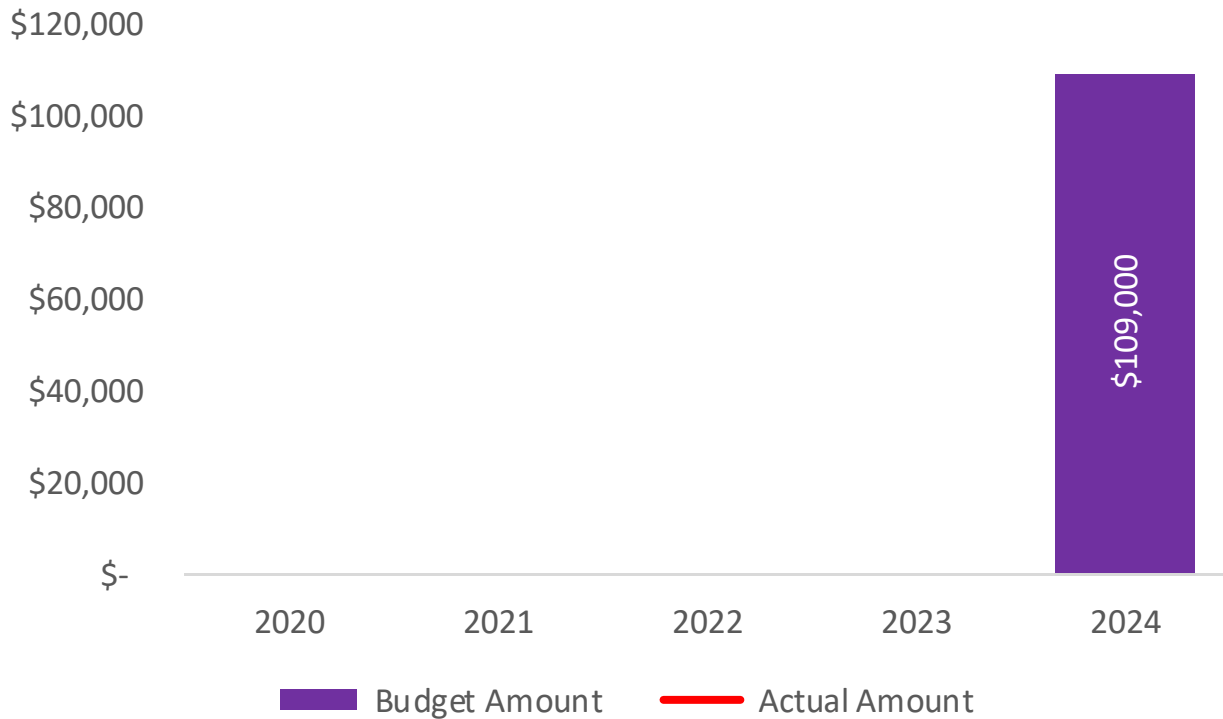
04-506-51032

Repair & Maintenance – Facility Improvements

This budget category includes maintaining the upkeep of the current facilities along with upgrading assets to meet the current standard of safety, security and beautification with upgrades including structural and cosmetic. District assets include but are not limited to structures, systems, walls, fences, landscaping and properties. This is a new budget line item beginning in 2023-24.

2019-20 Actual	2020-21 Actual	2021-22 Actual	2022-23 Projected	2023-24 Budget
\$ -	\$ -	\$ -	\$ -	\$ 109,000

Budget vs. Actual



Recycled Water Division

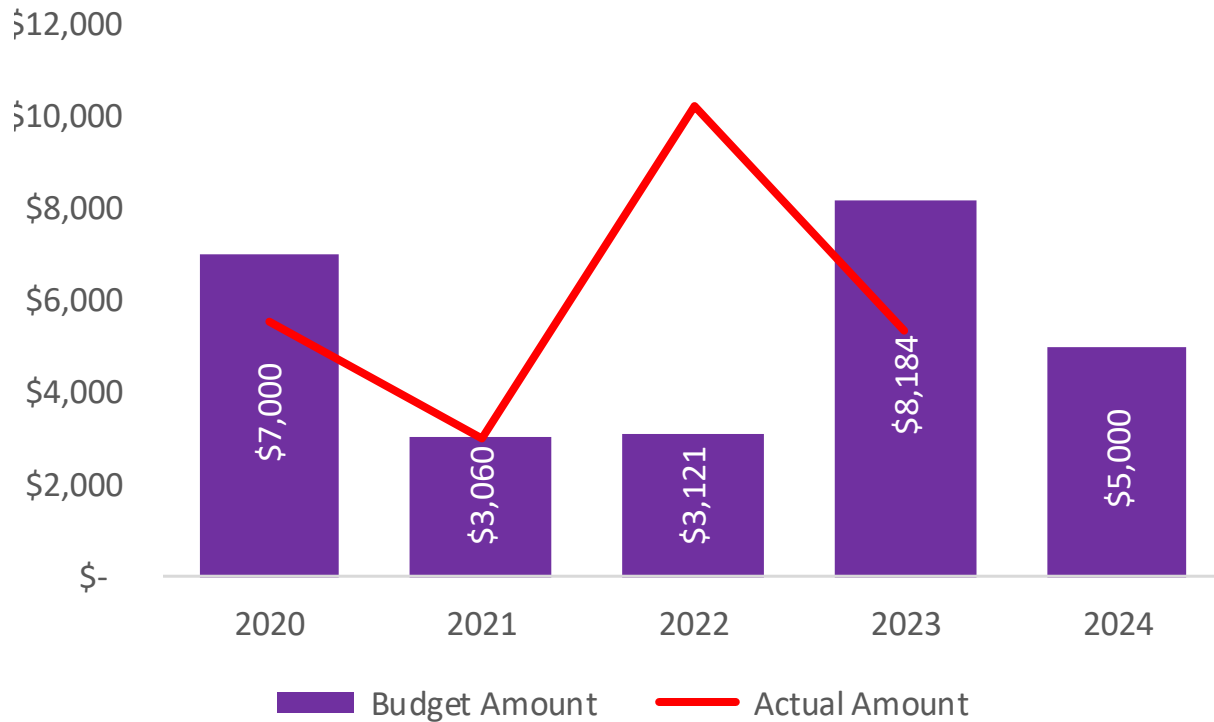
04-506-51140

General Supplies & Expenses

This budget includes the supplies and expenses related to the operation of the Recycled Water Division. In fiscal year 2021-22 there were one-time expenses for additional staff allocated to this division. The budget amount for fiscal year 2023-24 has been decreased as a result of trending.

2019-20 Actual	2020-21 Actual	2021-22 Actual	2022-23 Projected	2023-24 Budget
\$ 5,545	\$ 2,991	\$ 10,233	\$ 5,346	\$ 5,000

Budget vs. Actual



Recycled Water Division

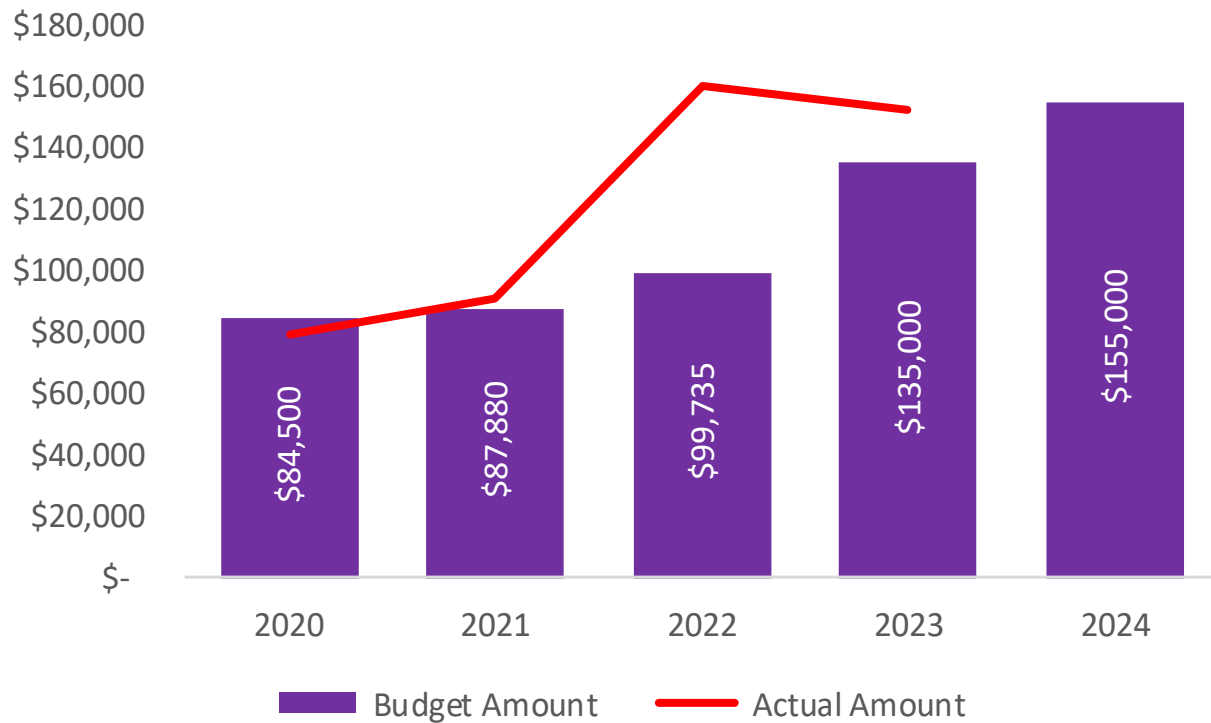
02-506-51210

Utilities – Power Purchases

This budget category includes all electrical power costs related to the operation of the Recycled Water Division. The budget amount for fiscal year 2023-24 has been increased as a result of trending.

2019-20 Actual	2020-21 Actual	2021-22 Actual	2022-23 Projected	2023-24 Budget
\$ 78,893	\$ 90,863	\$ 160,058	\$ 152,945	\$ 155,000

Budget vs. Actual



Recycled Water Division

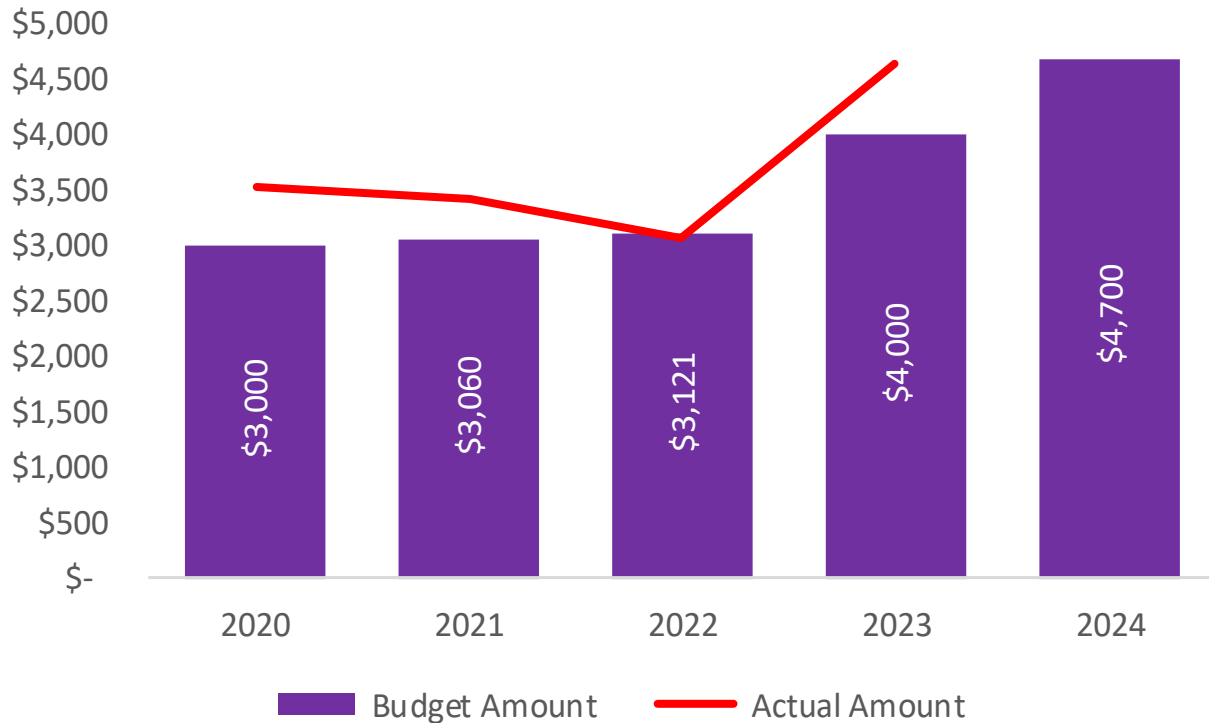
04-506-54002

Dues & Subscriptions

This budget category includes all costs related to membership dues and periodical subscriptions for the Recycled Water Division during the fiscal year. The budget amount for fiscal year 2023-24 has been increased as a result of trending.

2019-20 Actual	2020-21 Actual	2021-22 Actual	2022-23 Projected	2023-24 Budget
\$ 3,535	\$ 3,436	\$ 3,072	\$ 4,655	\$ 4,700

Budget vs. Actual



Recycled Water Division

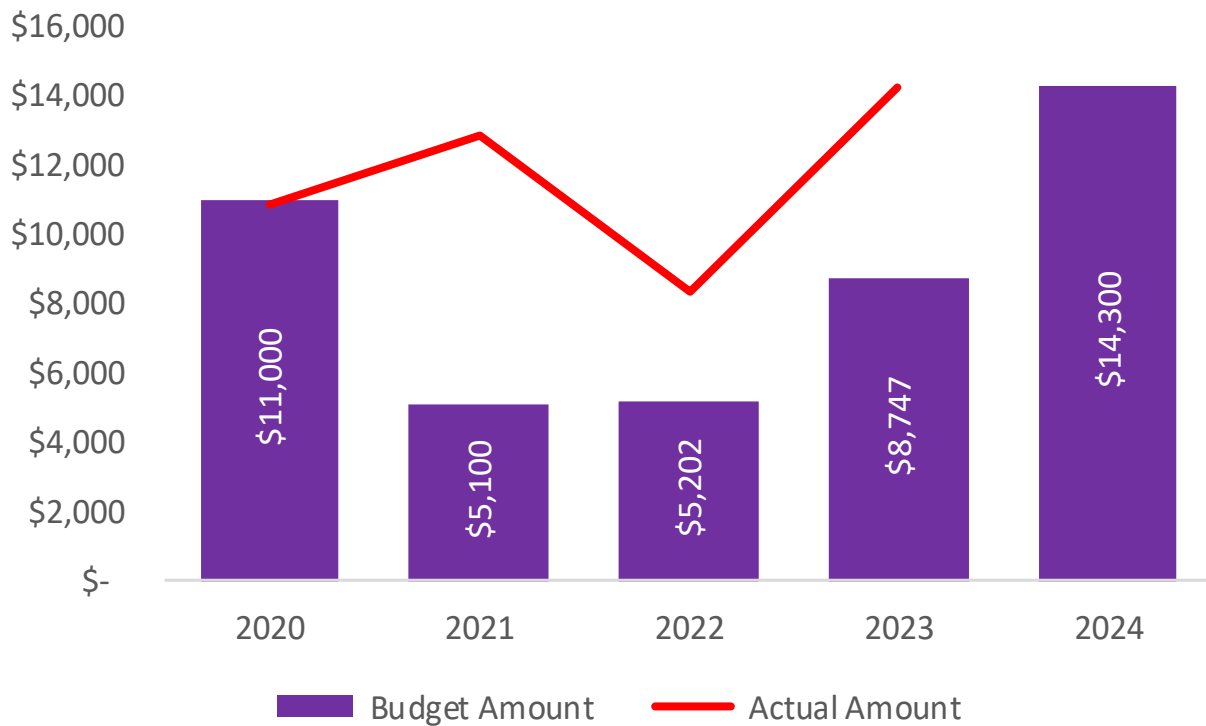
04-506-54005

Computer Expenses

The District staff relies heavily upon the proper orientations and integration of our various computer systems. Therefore, this budget category includes the costs related to modifications and improvements in the operation of the computer systems. The budget amount for 2023-24 has been increased as a result of trending.

2019-20 Actual	2020-21 Actual	2021-22 Actual	2022-23 Projected		2023-24 Budget
\$ 10,875	\$ 12,879	\$ 8,384	\$ 14,295		\$ 14,300

Budget vs. Actual



Recycled Water Division

04-506-54012

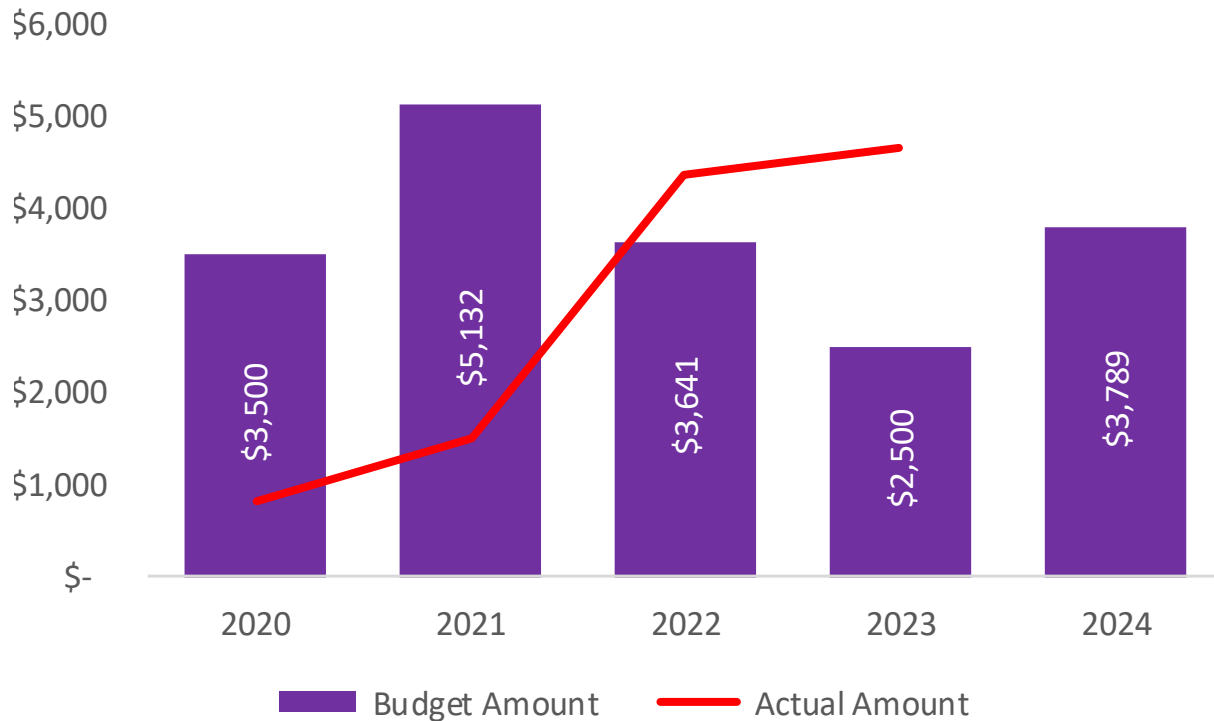
Education & Training

This budget category includes the costs associated with training individuals in the Recycled Water Division. The budgeted amount is based on the allocation of staffing for this department. For fiscal year 2023-24, the budget has been increased based on trending.

2019-20 Actual	2020-21 Actual	2021-22 Actual	2022-23 Projected
\$ 811	\$ 1,503	\$ 4,363	\$ 4,667

2023-24 Budget
\$ 3,789

Budget vs. Actual



Recycled Water Division

04-506-54014

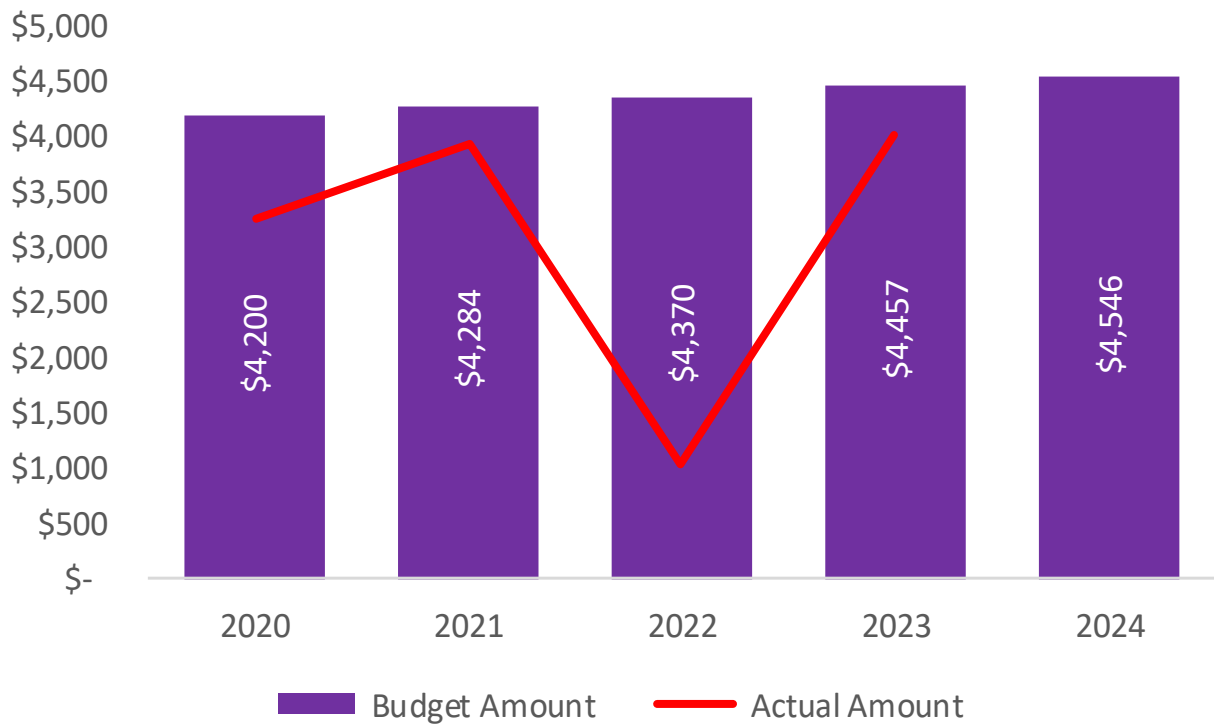
Public Relations

This budget category represents the annual projected costs associated with public relations efforts, as well as all costs associated with printing business forms, public hearing notices and job announcements.

2019-20 Actual	2020-21 Actual	2021-22 Actual	2022-23 Projected
\$ 3,249	\$ 3,947	\$ 1,036	\$ 4,033

2023-24 Budget
\$ 4,546

Budget vs. Actual



Recycled Water Division

04-506-54016

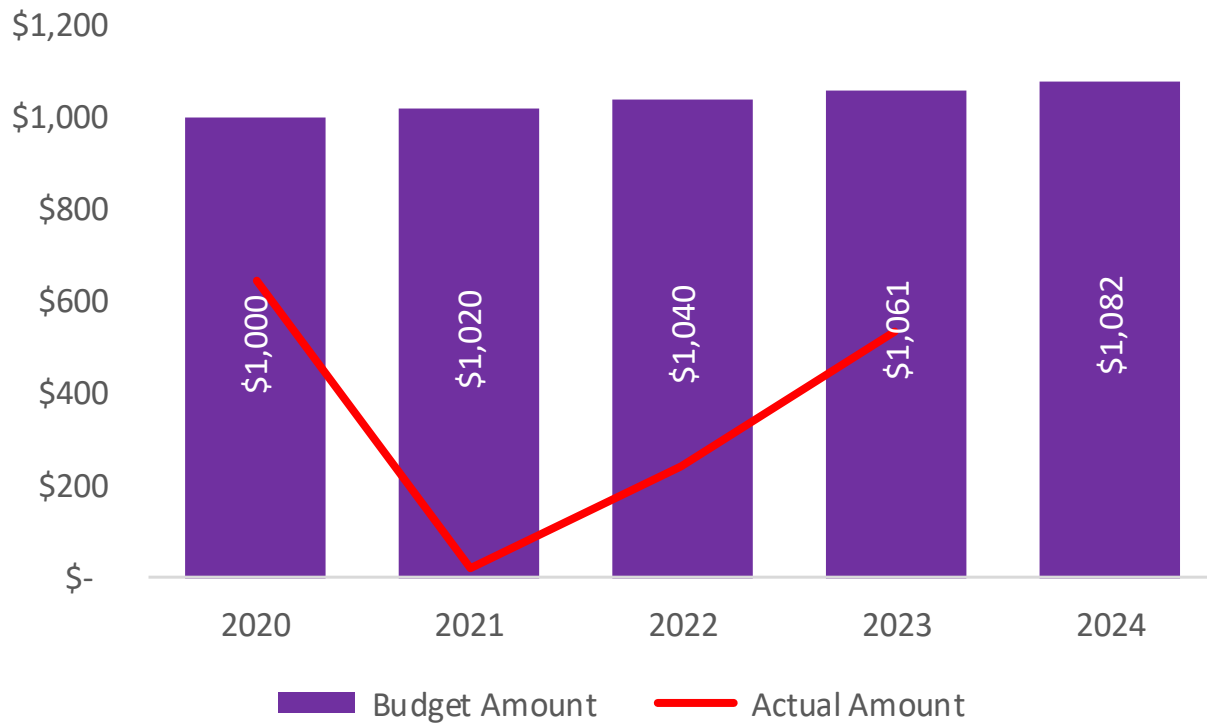
Travel Related Expenses

This budget category includes travel related expenses associated with the Recycled Water Division. As a result of COVID-19, expenses have been quite low the last two fiscal years.

2019-20 Actual	2020-21 Actual	2021-22 Actual	2022-23 Projected
\$ 646	\$ 18	\$ 240	\$ 537

2023-24 Budget
\$ 1,082

Budget vs. Actual



Recycled Water Division

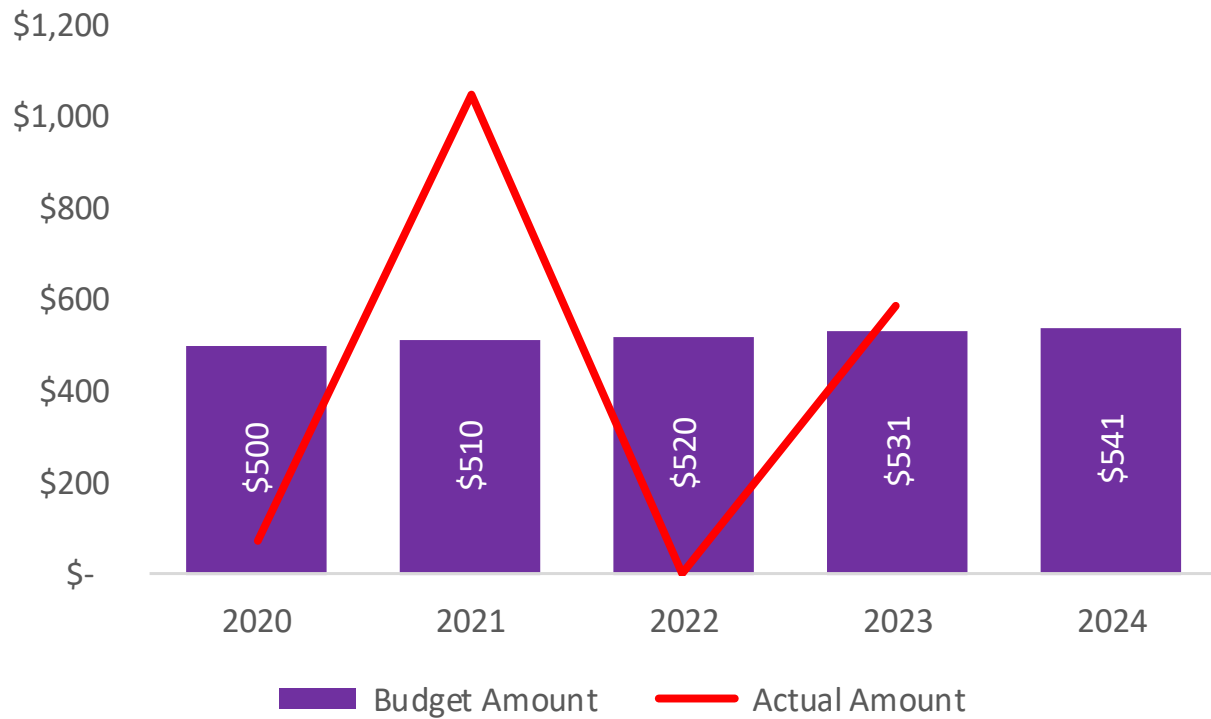
04-506-54017

Certifications & Renewals

This budget category is used for Recycled Water Division employee certifications.

2019-20 Actual	2020-21 Actual	2021-22 Actual	2022-23 Projected		2023-24 Budget
\$ 75	\$ 1,052	\$ -	\$ 587		\$ 541

Budget vs. Actual



Recycled Water Division

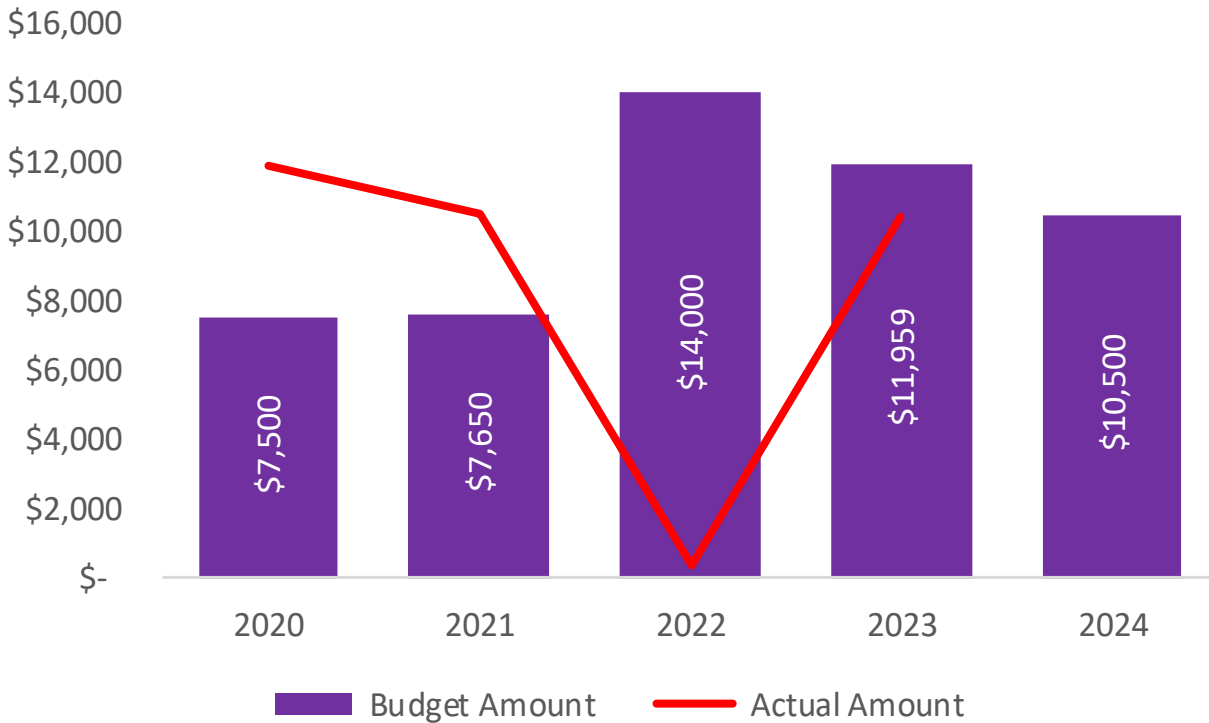
04-506-54019

Licenses & Permits

This budget category includes the required annual operating permits for various state and local governmental agencies. In most cases, the amounts of the fees are established by regulation. The budget amount for fiscal year 2023-24 has been slightly reduced as a result of trending.

2019-20 Actual	2020-21 Actual	2021-22 Actual	2022-23 Projected	2023-24 Budget
\$ 11,898	\$ 10,509	\$ 370	\$ 10,459	\$ 10,500

Budget vs. Actual



Recycled Water Division

04-506-54020

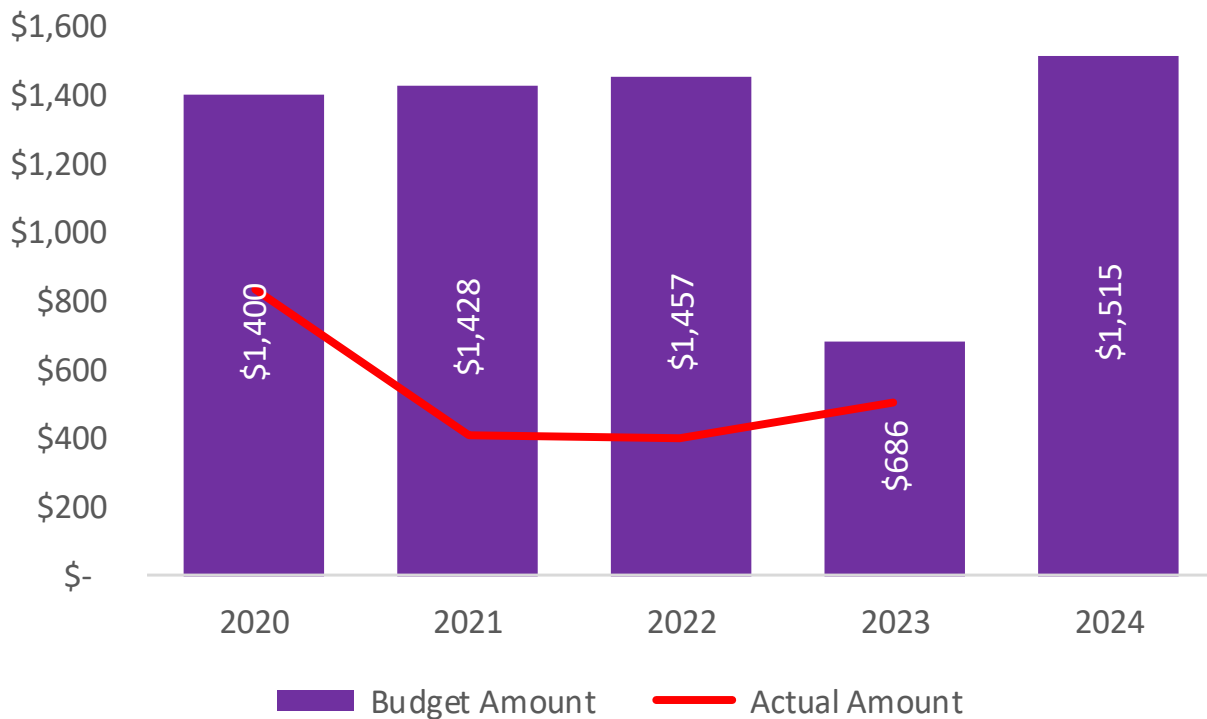
Meeting Related Expenses

The District hosts numerous meetings throughout the year which include several regional meetings for recycled water industry professionals. The budget category will be used for expenses related to meetings hosted or attended by the District for recycled water related functions. The budget amount for fiscal year 2023-24 has been increased as detailed in the rate study.

2019-20 Actual	2020-21 Actual	2021-22 Actual	2022-23 Projected
\$ 834	\$ 411	\$ 397	\$ 503

2023-24 Budget
\$ 1,515

Budget vs. Actual



Recycled Water Division

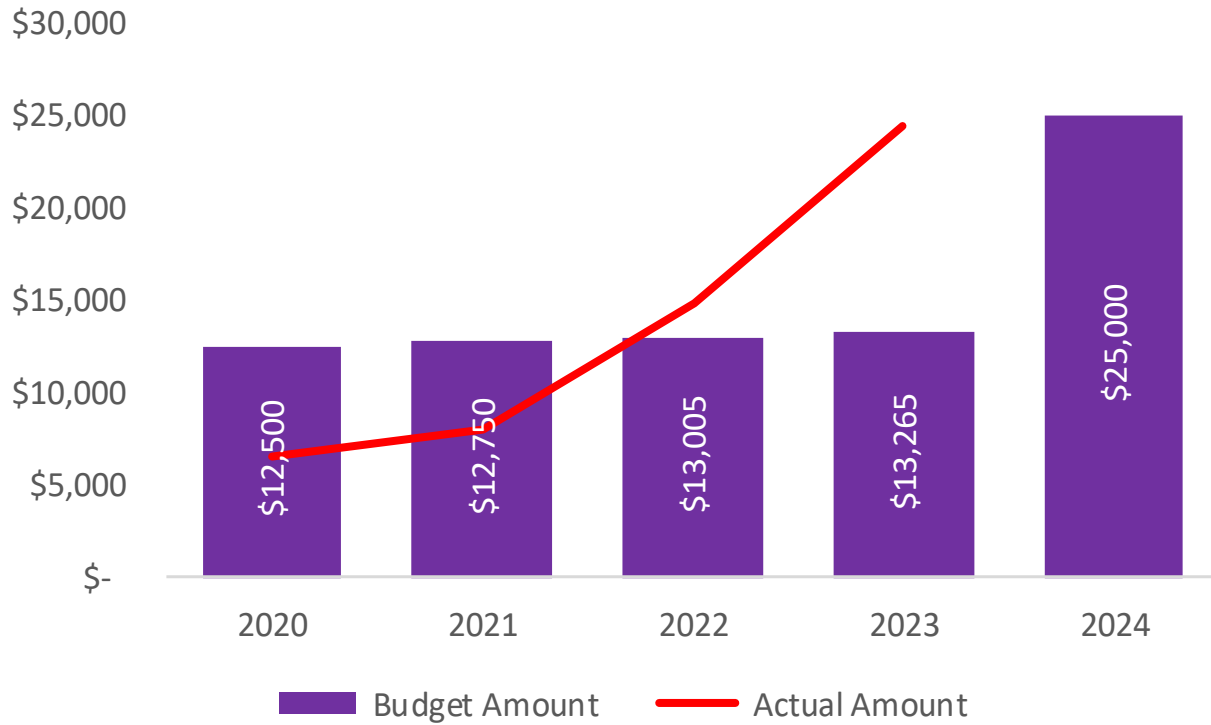
04-506-54022

Utilities – YVWD Services

This budget category is used for YVWD drinking water and sewer charges billed to the District.

2019-20 Actual	2020-21 Actual	2021-22 Actual	2022-23 Projected	2023-24 Budget
\$ 6,543	\$ 8,026	\$ 14,908	\$ 24,440	\$ 25,000

Budget vs. Actual



Recycled Water Division

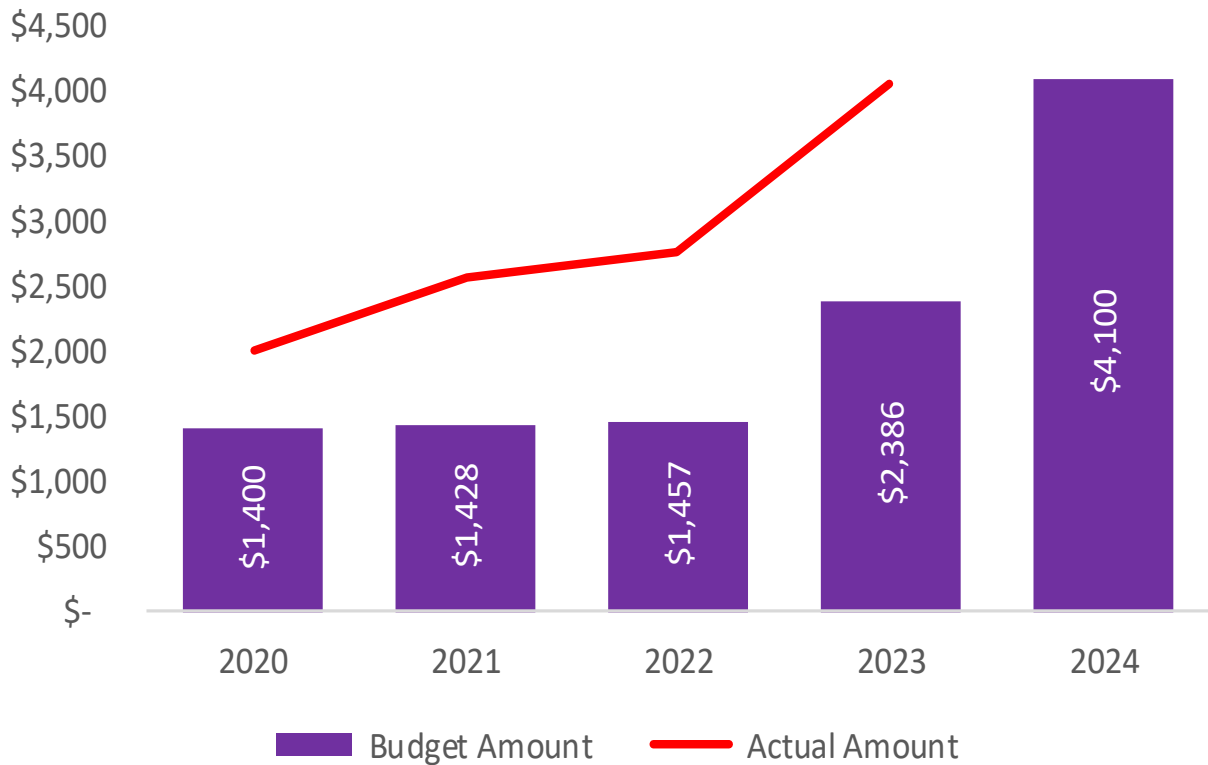
04-506-54025

Telephone & Internet

This line item is used for telephone, internet and cellular phone expenses allocated to the Recycled Water Division. The budget amount for fiscal year 2023-24 has been increased as a result of trending.

2019-20 Actual	2020-21 Actual	2021-22 Actual	2022-23 Projected	2023-24 Budget
\$ 2,009	\$ 2,559	\$ 2,771	\$ 4,054	\$ 4,100

Budget vs. Actual



Recycled Water Division

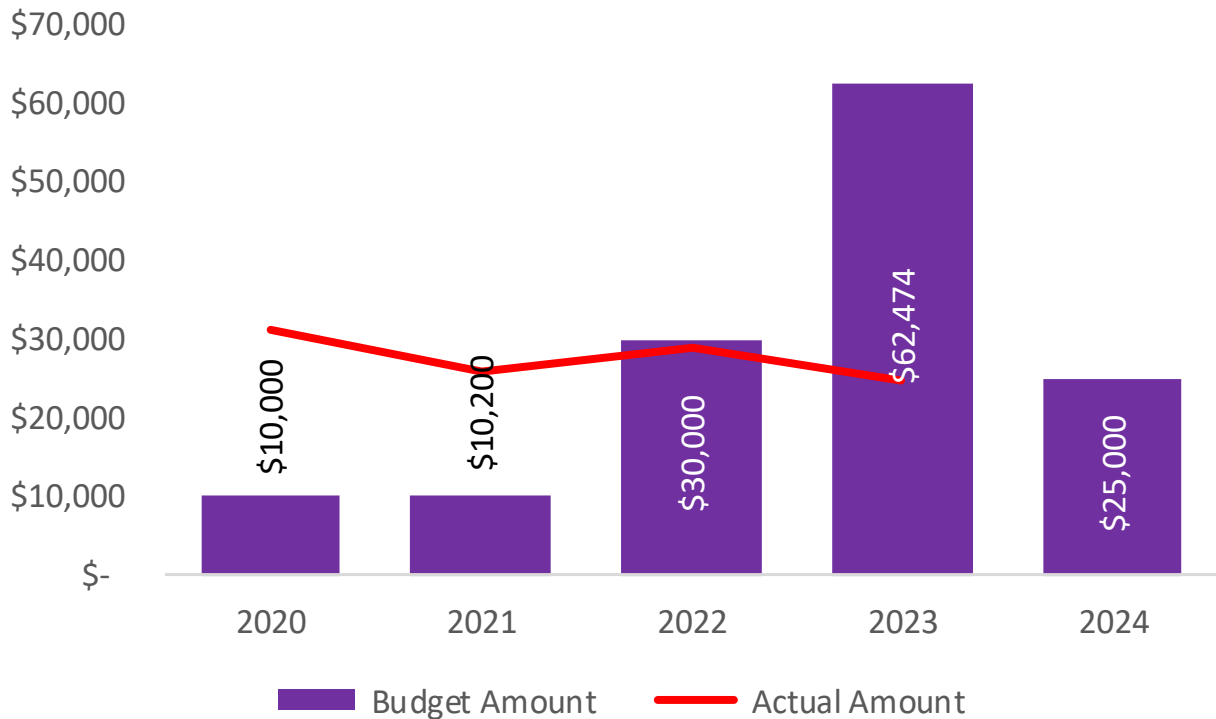
04-506-54104

Contractual Services

This budget category includes the general contract service costs for equipment and services within the Recycled Water Division. Various new software systems have been implemented over the past few fiscal years with Recycled Water paying a percentage of the implementation costs. The budget for fiscal year 2023-24 has decreased as a result of trending.

2019-20 Actual	2020-21 Actual	2021-22 Actual	2022-23 Projected	2023-24 Budget
\$ 31,187	\$ 25,816	\$ 29,020	\$ 24,593	\$ 25,000

Budget vs. Actual



Recycled Water Division

04-506-54107

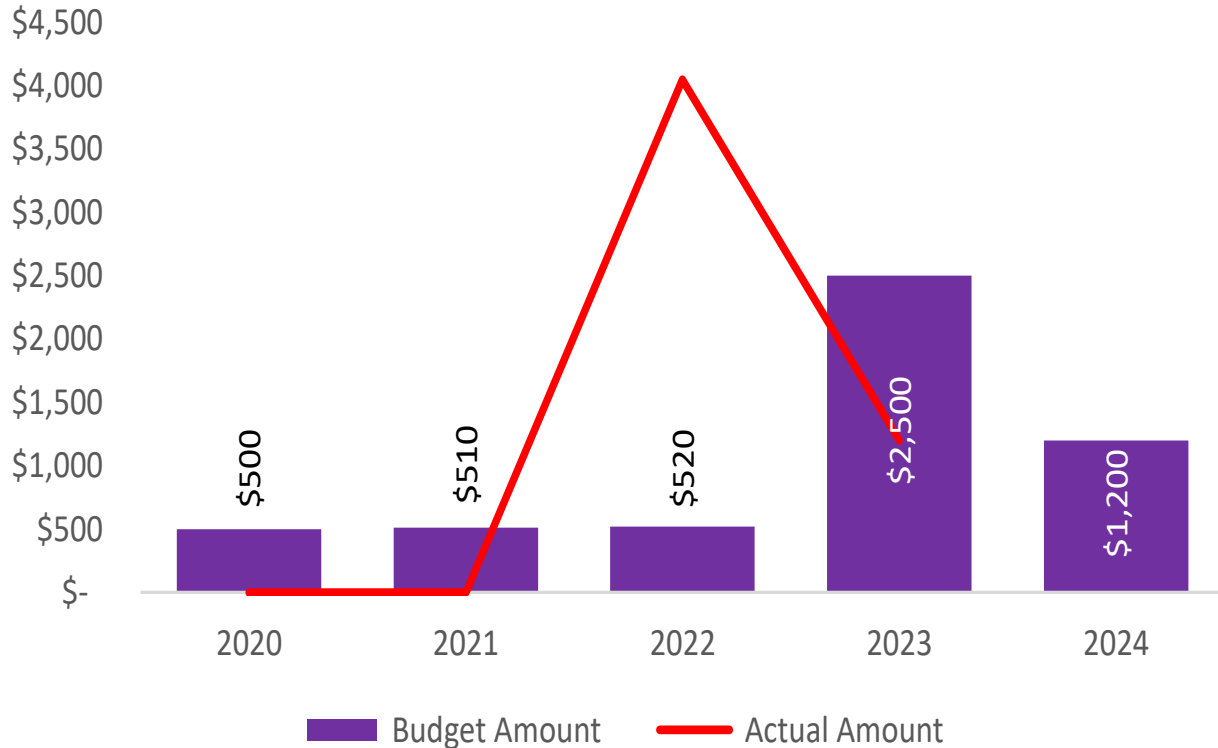
Legal

This budget category is used for all recycled water related legal costs. Legal fees related to drinking water issues will be expensed to the drinking water budget (02-506-54107) and legal fees related to sewer issues will be expensed to the sewer budget (03-506-54107). The budget amount for fiscal year 2023-24 has been decreased as a result of trending.

2019-20 Actual	2020-21 Actual	2021-22 Actual	2022-23 Projected
\$ -	\$ -	\$ 4,050	\$ 1,200

2023-24 Budget
\$ 1,200

Budget vs. Actual



Recycled Water Division

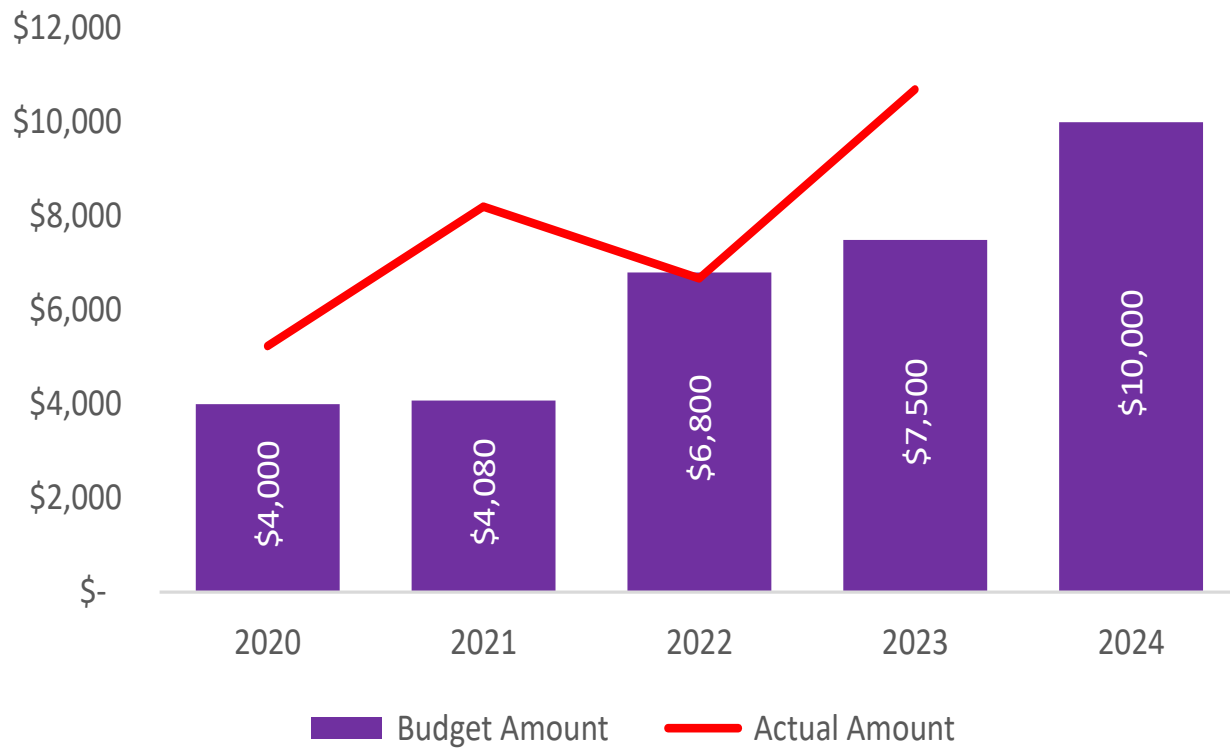
04-506-54108

Audit & Accounting

This budget category is used for audit services incurred during the fiscal year. The budget amount for fiscal year 2023-24 has been increased as a result of trending.

2019-20 Actual	2020-21 Actual	2021-22 Actual	2022-23 Projected		2023-24 Budget
\$ 5,237	\$ 8,200	\$ 6,673	\$ 10,702		\$ 10,000

Budget vs. Actual



Recycled Water Division

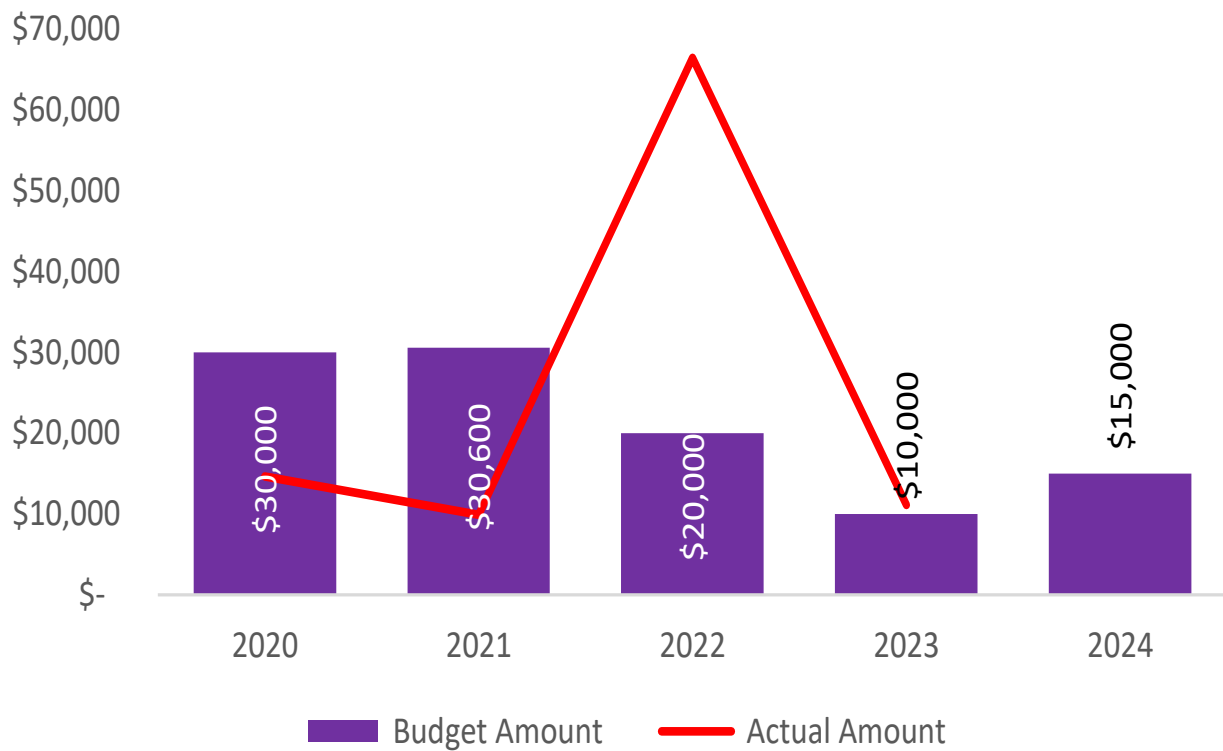
04-506-54109

Professional Fees

This budget category represents the annual projected costs associated with professional fees for engineering type services for this division. The budget amount for fiscal year 2023-24 has been increased as a result of trending.

2019-20 Actual	2020-21 Actual	2021-22 Actual	2022-23 Projected	2023-24 Budget
\$ 14,648	\$ 9,878	\$ 66,434	\$ 11,112	\$ 15,000

Budget vs. Actual



Recycled Water Division

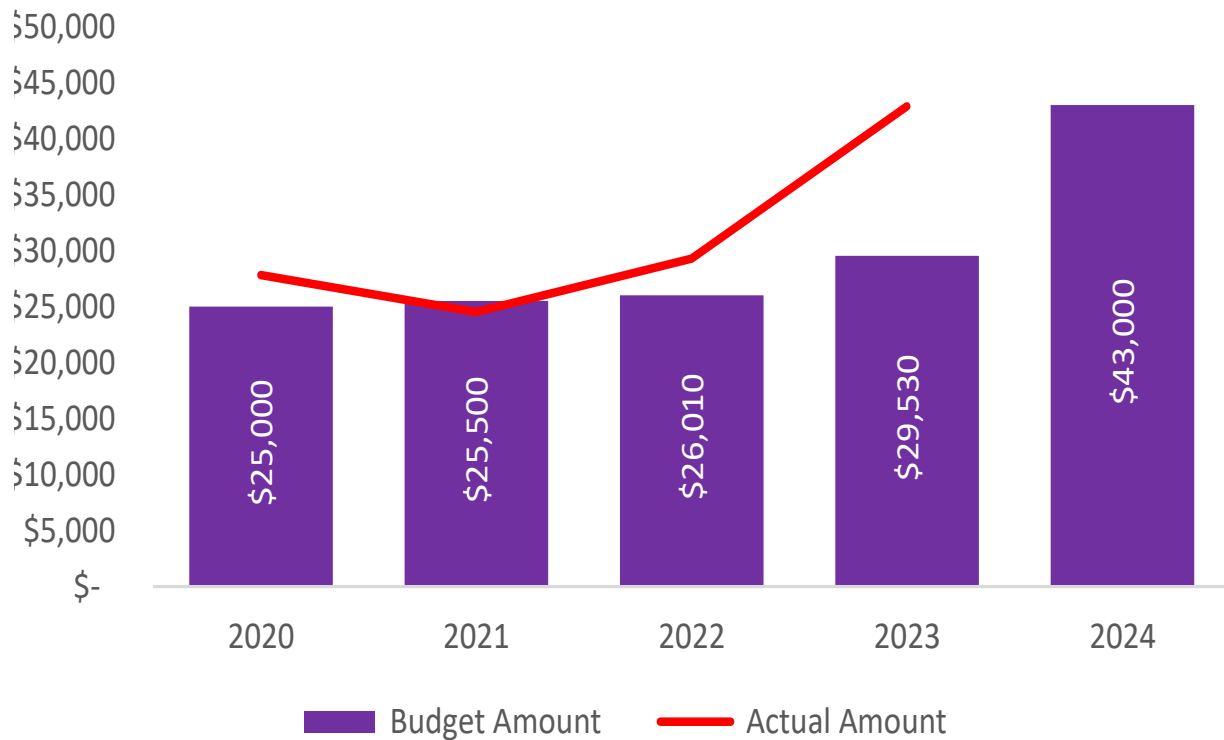
04-506-56001

Insurance

This budget category represents the annual projected costs associated with insurance coverage related to general, auto, and property insurance. The budget amount for fiscal year 2023-24 has been increased as a result of trending.

2019-20 Actual	2020-21 Actual	2021-22 Actual	2022-23 Projected		2023-24 Budget
\$ 27,830	\$ 24,537	\$ 29,304	\$ 42,861		\$ 43,000

Budget vs. Actual



Recycled Water Division

04-506-57030

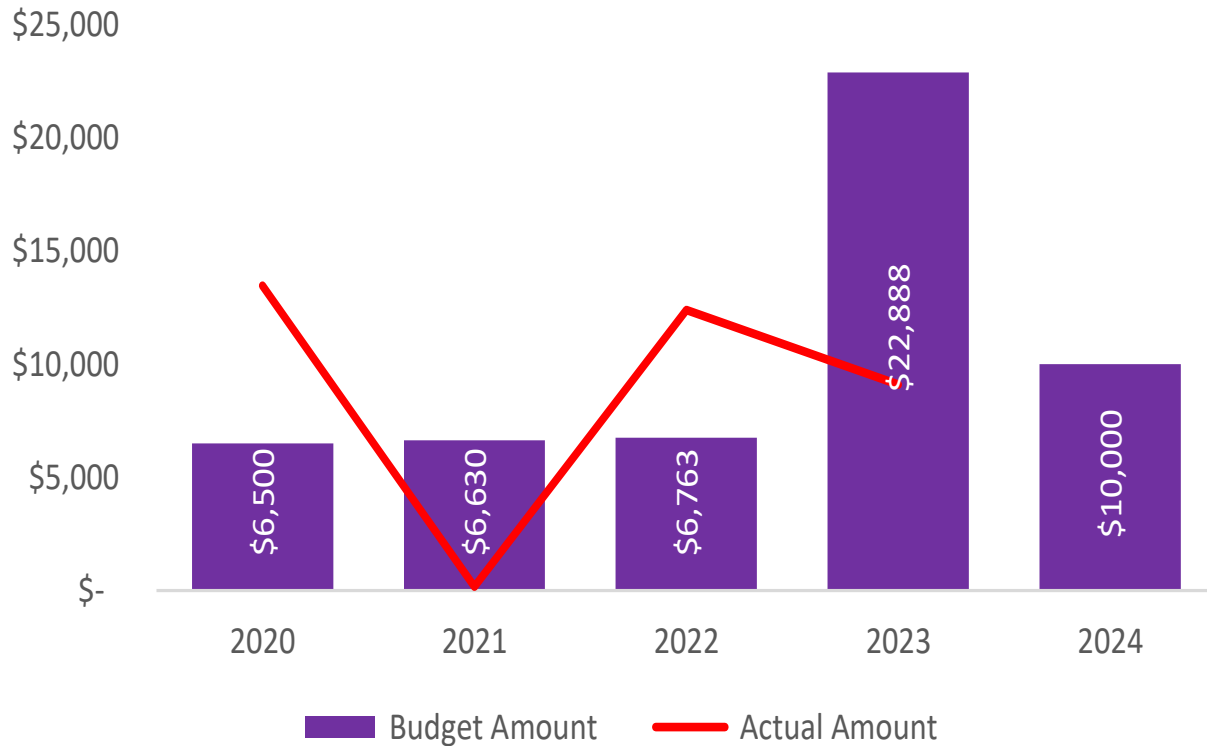
Regulatory Compliance

This budget category is used for regulatory compliance expenses for the Recycled Water Division. In fiscal year 2018-19, District staff began working with a consultant on the Hazard Mitigation Plan (HMP), which is periodically updated.

2019-20 Actual	2020-21 Actual	2021-22 Actual	2022-23 Projected
\$ 13,472	\$ 183	\$ 12,389	\$ 9,099

2023-24 Budget
\$ 10,000

Budget vs. Actual





Yucaipa Valley Water District

Chapter Five

Fiscal Year 2024

Capital Improvement Budget

Capital Improvement Program

A systematic, organized approach to planning capital facilities provides several benefits:

Using taxpayers' dollars wisely. Advance planning and scheduling of infrastructure may avoid costly mistakes. The effort put into deliberate assessment of the need for repair, replacement or expansion of existing infrastructure, as well as careful evaluation of the need and timing of new facilities can provide savings. Project timing may be improved to better use available personnel, expensive equipment and construction labor by scheduling related major activities over a longer period. Coordination of construction of several projects may affect savings in construction costs (a newly paved street may not have to be torn up to replace utility lines). Overbuilding or underbuilding usually can be avoided. Needed land can be purchased at a lower cost well in advance of construction.

Focusing on community needs and capabilities. District projects should reflect the community's needs, objectives, expected growth and financial capability. With limitations for funding capital facilities, planning ahead will help assure that high priority projects will be built first.

Obtaining community support. Citizens tend to be more receptive toward projects which are part of a community-wide analysis. A high priority project which is part of an overall plan is less suspect as being someone's "pet project". Where the public participates in the planning of community facilities the citizens are better informed about the community needs and the priorities. A capital improvement program reduces the pressure on elected officials to fund projects which may be of low priority.

Encouraging economic development. Typically, a firm considering expansion or relocation is attracted to a community which has well planned and well managed facilities in place. Also, a capital improvement program allows private investors to understand a community's tax loads and service costs and reflects the fact that the community has completed advance planning to minimize the costs of capital facilities.

More efficient administration. Coordination of capital improvement construction among city, county and special districts can reduce scheduling problems, conflicts and overlapping of projects. Also, work can be scheduled more effectively when it is known in advance what, where and when projects are to be undertaken. A capital improvement program allows a community to anticipate lead times necessary to conduct bond elections and bond sales, prepare design work and obtain contract bids.

Maintaining a stable financial program. Abrupt changes in the tax structure and bonded indebtedness may be avoided when construction projects are spaced over a number of years. Major expenditures can be anticipated, resulting in the maintenance of a sound financial standing through a more balanced program of bonded indebtedness. Where there is ample time for planning, the most economical methods of financing each project can be selected in advance. Keeping planned projects within the financial capacity of the community helps to preserve its credit and bond rating and makes the area more attractive to business and industry.

Federal and state grant and loan programs. A capital improvements program places the community in a better position to take advantage of federal and state grant programs, because plans can be made far enough in advance to utilize matching funds, both anticipated and

unanticipated. Most federal and state grant/loan programs either require prior facilities planning, or favor, in ranking applications, applicants who have conducted such planning.

The Yucaipa Valley Water District Capital Improvement Program is a planning tool used to identify projects and their corresponding costs. This program is necessary to provide for the orderly replacement and expansion of existing facilities; the construction of new facilities; and the development of project revenue and financing sources.

The Yucaipa Valley Water District Capital Improvement Program is a blueprint for planning the capital expenditures by coordinating planning, financial capacity and physical infrastructure construction.

The Capital Improvement Program is composed of two parts -- a capital budget and a capital program. The capital budget is the upcoming year's spending plan for capital items. The capital program is a plan for capital expenditures that extends five years beyond the capital budget.

Capital Improvement Program Summary

The Yucaipa Valley Water District Capital Improvement Program identifies those proposed projects to be undertaken by the District to improve services, upgrade facilities and replace physical plants. This report contains a summary of those projects. It should be noted that the cost estimates should only be used as a general guide. Actual costs may vary greatly based on such factors as when the project is built, specific design considerations, environmental mitigation, and actual construction bids.

Substantial financial resources will be needed to carry out the Capital Improvement Program. Revenue and expenditures over the next five-year period need to be reviewed in order to determine the District's ability to implement the Capital Improvement Program.

Criteria for Prioritizing Capital Improvement Projects

Capital Improvement Projects will be evaluated and prioritized by being placed into one of three categories. The three categories are as follows:

- **Critical**
 - Reduce Dependency on Imported Water
 - Well Construction
 - Maximize Local Water
 - Recycled Water Development
 - Regulatory Requirements
 - Contractual Obligations

- **Important**
 - Community Needs
 - Minimization of Operational Costs
 - System Reliability

- **Necessary**
 - Future Growth

Capital Improvement Categories

The District currently maintains several separate categories to better define capital improvement projects. These categories are used primarily to identify internal funding sources, but such categories can also be useful for assessing the importance of a particular project.

The District uses the following categories:

- Contractual Obligation
- Drinking Water Source of Supply
- Drinking Water System Improvement
- Drinking Water Treatment Facility Construction/Improvement
- Drinking Water Well Improvement
- Groundwater Monitoring Improvement
- Groundwater Recharge Facility Improvement
- Land Acquisition
- Recycled Water Source of Supply
- Recycled Water System Improvement
- Regulatory Requirement
- Sewer Collection System Improvement
- Sewer Lift Station Improvement
- Sewer Treatment Facility Construction/Improvement
- Other

Purpose of Capital Improvement Program

By establishing the Capital Improvement Program, it becomes clear that the District must maximize revenue sources to support the construction of required facilities. The District's ability to obtain long-term financing for the Capital Improvement Program is largely dependent on the financial strength and revenue stream of the District. To keep this high investment grade rating for future projects, the District must maintain adequate fee structures and reserve funds.

Finally, it is imperative that the operating costs of the drinking water, sewer and recycled water divisions remain fully self-supported by user fees in order to maximize other revenue sources for support of the Capital Improvement Program.

In the operating budget, the drinking water, sewer and recycled water division's revenue that is used to fund depreciation/reserves. This is consistent with a fiduciary approach that invests heavily in the replacement of aged infrastructure instead of subsidizing water and sewer rates. This approach will continue to make the drinking water, sewer and recycled water operating funds self-sufficient while investing in improving the efficiency of the District while providing for the orderly replacement and expansion of existing facilities. This fiduciary philosophy of investing in the replacement of old infrastructure greatly enhances the overall value of the District while improving the quality of life for our customers.

YVWD-Capital Improvement Projects				Elements Task	Project Type	Prior Years Costs	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	Future	Estimated Project Cost
1	General	Reserves	District Property Grading/Improvements	87422	New							\$ 1,000,000	\$ 1,000,000
2	YVRWFF	Reserves	Oak Hills Pipeline - Phase 1, 2, 3	100505	Replace	\$ 276,486						\$ 2,367,000	\$ 2,643,486
3	YVRWFF	PPA/WIFIA	Energy Resiliency Project - Yucaipa Valley Regional Water Filtration Facility	92562	New	\$ 97,091	\$ 6,433,481	\$ 6,433,481	\$ 6,433,480				\$ 19,397,533
4	YVRWFF	FCC	SCADA Upgrades-YVRWFF, Drinking Water Facilities and Recycled Water Facilities	105496/97012	New/Replace	\$ 510,966	\$ 1,048,011	\$ 1,048,011	\$ 1,048,012				\$ 3,655,000
5	YVRWFF	WIFIA/2022 Bond	Salinity and Concentrate Reduction and Minimization (SCRAM) Project	105317	New	\$ 34,625	\$ 3,462,781	\$ 3,462,781	\$ 3,462,781				\$ 10,422,968
6	YVRWFF	Reserves	Date Street Pipeline Replacement (District Project)	89008	Replace		\$ 782,847						\$ 782,847
7	YVRWFF	Reserves	Acacia Avenue West of Douglas Street; Water Main (District Project)	95352	Replace	\$ 19,215	\$ 276,439						\$ 295,654
8	YVRWFF	Reserves	Well 12 Site Improvements	TBD	Rehab							\$ 40,000	\$ 40,000
9	YVRWFF	Reserves	Cella Lane Pipeline Replacement (District Project)	95940	Replace							\$ 200,000	\$ 200,000
10	YVRWFF	Reserves	Wilson III Pipeline Relocation - Second Street	TBD	Relocation							\$ 250,000	\$ 250,000
11	YVRWFF	Reserves	Drain Line for the Existing R-14 Reservoir	96839	New							\$ 70,000	\$ 70,000
12	YVRWFF	FCC/Reserves	Booster Station 13.2	81607	New/Replace							\$ 5,100,000	\$ 5,100,000
13	YVRWFF	Reserves	Carter Street Pipeline Replacement (District Project)	96143	Replace	\$ 919						\$ 184,081	\$ 185,000
14	YVRWFF	Reserves	Booster Station 16.2.1/16.2.2	92338	New	\$ 14,811						\$ 585,189	\$ 600,000
15	YVRWFF	Reserves	Panorama Drive Pipeline Replacement	89284	Replace	\$ 73,587						\$ 1,076,413	\$ 1,150,000
16	YVRWFF	Reserves	Drinking Water Pipeline - R16.2	TBD	New							\$ 1,200,000	\$ 1,200,000
17	YVRWFF	FCC/Reserves	R16.2 Site Upgrade	87440	New	\$ 875						\$ 3,499,125	\$ 3,500,000
18	YVRWFF	FCC	Myrtlewood Drive Pipeline Replacement	89722	Replace	\$ 11,123						\$ 588,877	\$ 600,000
19	YVRWFF	Reserves	Bryant Street/Juniper Avenue/Ivy Avenue	95937	Replace							\$ 1,000,000	\$ 1,000,000
20	YVRWFF	FCC	North Bench 16 Zone Loop	89464	New	\$ 11,315						\$ 488,685	\$ 500,000
21	YVRWFF	Reserves	Oak Glen Road Pipeline (Pisgah Peak)	95360	Replace	\$ 37,497						\$ 412,503	\$ 450,000
22	YVRWFF	Reserves	Bryant Street 15 Zone Interconnection	95904	New	\$ 112						\$ 649,888	\$ 650,000
23	YVRWFF	Reserves	Date Avenue - 2nd to California	95304	Replace	\$ 13,306						\$ 386,694	\$ 400,000
24	YVRWFF	Reserves	Avenue B, West of 2nd Street (District Project)	TBD	Replace							\$ 170,000	\$ 170,000
25	YVRWFF	Reserves	Acacia Lane East of Douglas Street; Water Main (District Project)	TBD	Replace							\$ 259,000	\$ 259,000
26	YVRWFF	Reserves	Crestview Drive from Douglas Street to Sutter Avenue (District Project)	TBD	Replace							\$ 327,000	\$ 327,000
27	YVRWFF	Reserves	Oak Glen Filtration Facility Rehabilitation	TBD	Rehab							\$ 200,000	\$ 200,000
28	YVRWFF	Reserves	30" Yucaipa Boulevard to Wildwood Canyon	TBD	New							\$ 1,750,000	\$ 1,750,000
29	YVRWFF	Reserves	Booster Station 15.1	TBD	New							\$ 1,225,000	\$ 1,225,000
30	YVRWFF	Reserves	R 17.2 Replacement	81604	Replace							\$ 2,000,000	\$ 2,000,000
31	YVRWFF	Reserves	Avenue A Alley Pipeline	81488	Replace	\$ 84,105						\$ 215,895	\$ 300,000
32	YVRWFF	Reserves	Ruby Court; Water Main (District Project)	TBD	Replace							\$ 50,000	\$ 50,000
33	YVRWFF	Reserves	Nebraska Lane from 6th to Colorado Street (District Project)	TBD	Replace							\$ 155,000	\$ 155,000
34	YVRWFF	Reserves	Pipeline 4th St. / Yucaipa Boulevard / 5th Street	TBD	New							\$ 938,000	\$ 938,000
35	YVRWFF	Reserves	R 18.4 Replacement	TBD	Replace							\$ 1,600,000	\$ 1,600,000
36	YVRWFF	FCC	Pipeline Between R16.2 & R17.2-Design & Cost	96697	New							\$ 1,350,000	\$ 1,350,000
37	WRWRF	WIFIA/2022 Bond/FCC	Salinity and Groundwater Enhancement (SAGE) Project	95290	Replace	\$ 140,237	\$ 14,199,628	\$ 14,199,628	\$ 14,199,627				\$ 42,739,120
38	WRWRF	PPA/WIFIA	Energy Resiliency Project - Wochholz Regional Water Recycling Facility	91024	New	\$ 571,101	\$ 10,947,884	\$ 10,947,884	\$ 10,947,883				\$ 33,414,752
39	WRWRF	WIFIA	Oak Valley Sewer Lift Station, Force Mainlines and Gravity System Improvements-Phase I	81279	New/Replace	\$ 539,314	\$ 3,552,437	\$ 3,552,437	\$ 3,552,438				\$ 11,196,626
40	WRWRF	WIFIA/SCIP	Oak Valley Sewer Lift Station, Force Mainlines and Gravity System Improvements-Phase II	81279	New/Replace				\$ 10,042,837	\$ 10,042,837	\$ 10,042,838		\$ 30,128,512
41	WRWRF	FCC	SCADA Upgrades - Wastewater Treatment Facilities (WRWRF)	97012	New/Replace	\$ 468,343	\$ 1,062,219	\$ 1,062,219	\$ 1,062,219				\$ 3,655,000

YVWD-Capital Improvement Projects				Elements Task	Project Type	Prior Years Costs	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	Future	Estimated Project Cost
42	WRWRF	FCC	Oak Glen Road Sewer Pipeline	95212	New	\$ 13,258						\$ 636,742	\$ 650,000
43	WRWRF	FCC	Tract 20415 Sewer Mainline Extension	95271	New							\$ 300,000	\$ 300,000
44	WRWRF	Reserves	Replacement DAF Equipment	95902	Replace							\$ 1,000,000	\$ 1,000,000
45	WRWRF	Reserves	Fencing at WRWRF Exit to Live Oak Canyon Rd.	TBD	New							\$ 100,000	\$ 100,000
46	WRWRF	Reserves	Digester Feed Valve and Actuator	TBD	Replace							\$ 215,000	\$ 215,000
47	WRWRF	Reserves	Belt Press Building Rehabilitation	TBD	Rehab							\$ 50,000	\$ 50,000
48	WRWRF	Reserves	Myrtlewood Drive Sewer Installation	89722	New							\$ 650,000	\$ 650,000
49	WRWRF	Reserves	Digester Boiler Replacement and Cleaning	89991	Replace							\$ 1,000,000	\$ 1,000,000
50	WRWRF	Reserves	Backwash Return Basin Pump Replacement and Relocation	TBD	Replace							\$ 50,000	\$ 50,000
51	WRWRF	Reserves	Methane Waste Gas Flare	TBD	Replace							\$ 1,300,000	\$ 1,300,000
52	WRWRF	Reserves	Lift Station 2 Replacement/Relocation	TBD	Replace							\$ 1,000,000	\$ 1,000,000
53	WRWRF	Reserves	Lift Station 8 Replacement/Relocation	95899	Replace	\$ 11,123						\$ 988,877	\$ 1,000,000
54	WRWRF	Reserves	Lift Station 4 Replacement/Relocation	TBD	Replace		\$ 1,100,000	\$ 1,100,000	\$ 1,100,000				\$ 3,300,000
55	WRWRF	Reserves	Lift Station 3	TBD	New							\$ 1,200,000	\$ 1,200,000
56	WRWRF	Reserves	Sewer Mainline Deficiency - Calimesa Boulevard (Pipeline)	TBD	Replace							\$ 1,200,000	\$ 1,200,000
57	RW	WIFIA/Other	Calimesa Aquifer Storage and Recovery Project - Phase 1 and 2	95280	New	\$ 1,269,689	\$ 5,234,575	\$ 5,234,575	\$ 5,234,574				\$ 16,973,413
58	RW	ARPA/Reserves	Recycled Water Reservoir R-12.5 Complex (2 - 1.0 MG)	95916	New	\$ 279,110	\$ 1,561,797	\$ 1,561,797	\$ 1,561,796				\$ 4,964,500
59	RW	SCIP	Recycled Water Reservoir at the R-11.4 Reservoir Complex	104425	New	\$ 43,240			\$ 5,008,268	\$ 5,008,268	\$ 5,008,268		\$ 15,068,044
60	RW	SCIP	Recycled Water Booster Station to Pressure Zone 11 (B-10.3)	105489	New	\$ 59,347			\$ 666,924	\$ 666,924	\$ 666,925		\$ 2,060,120
61	RW	SCIP/Other	Backbone 24" Recycled Water Pipeline in Pressure Zone 11	105491	New				\$ 3,316,987	\$ 3,316,987	\$ 3,316,987		\$ 9,950,961
62	RW	WIFIA	Recycled Water Reservoir and Recharge Basins at Resource Ranch	105492	New				\$ 2,554,933	\$ 2,554,933	\$ 2,554,934		\$ 7,664,800
63	RW	WIFIA	North Bench Recycled Water Project	91817	New	\$ 166,148			\$ 7,912,274	\$ 7,912,274	\$ 7,912,274		\$ 23,902,970
64	RW	WIFIA/2022 Bond	Calimesa Lake Project	105494	New	\$ 83,081	\$ 3,497,766	\$ 3,497,766	\$ 3,497,767				\$ 10,576,380
65	RW	Reserves	5th Street Recycled Water Fill Station	95922	New	\$ 20,747						\$ 229,253	\$ 250,000
66	RW	Reserves	Recycled Water Pipeline for R16.2	TBD	New							\$ 4,217,800	\$ 4,217,800
Total						\$ 4,850,771	\$ 53,159,865	\$ 52,100,579	\$ 81,602,800	\$ 29,502,223	\$ 29,502,226	\$ 43,476,022	\$ 294,194,486

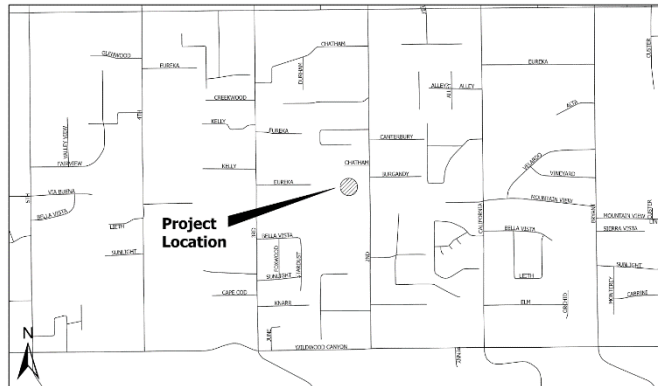
CIP Funding Total by Division				Prior Years Costs	FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	Future	Totals
General				\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,000,000	\$ 1,000,000
Water Treatment (YVRWFF)				\$ 1,186,033	\$ 12,003,559	\$ 10,944,273	\$ 10,944,273	\$ -	\$ -	\$ 28,338,350	\$ 63,416,488
Wastewater Treatment (WRWRF)				\$ 1,743,376	\$ 30,862,168	\$ 30,862,168	\$ 40,905,004	\$ 10,042,837	\$ 10,042,838	\$ 9,690,619	\$ 134,149,010
Recycled Water (RW)				\$ 1,921,362	\$ 10,294,138	\$ 10,294,138	\$ 29,753,523	\$ 19,459,386	\$ 19,459,388	\$ 4,447,053	\$ 95,628,988
Totals				\$ 4,850,771	\$ 53,159,865	\$ 52,100,579	\$ 81,602,800	\$ 29,502,223	\$ 29,502,226	\$ 43,476,022	\$ 294,194,486

Funding Sources	
2022 Bond/FCC Fees	\$ 33,900,000
PPA	\$ 44,177,570
Reserves/Other	\$ 63,849,547
SCIP	\$ 43,341,225
WIFIA	\$ 108,926,144
Total	\$ 294,194,486

YUCAIPA VALLEY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

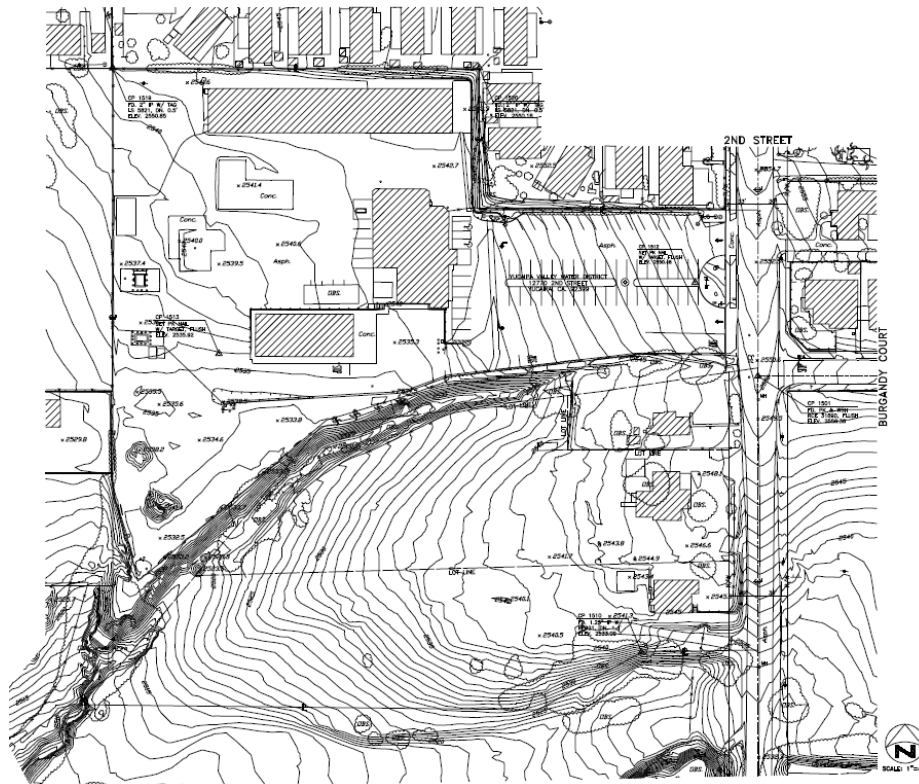
Project	District Property Grading/Improvements - Main Office		
Division	General	Projected Dates	2028-29
Elements #	87422	Priority	Important

FUNDING SOURCE	
Reserves/Depreciation	\$ 1,000,000
Development Impact Fees	\$ 0
Federal Participation	\$ 0
State Participation	\$ 0
Bond Financing	\$ 0
Local Matching	\$ 0
Other Funds	\$ 0
Total	\$ 1,000,000



LOCATION MAP

Project Description: The District office located at 12770 Second Street, Yucaipa is in need of an expansion to accommodate for the growing demands of the District staff. The three properties to the south of the main office are currently owned by the District. The grading and frontage improvements will occur after the demolition of the existing structures. The topography will need to be adjusted for the construction of future structures as needed. The preliminary site layout is yet to be determined, but will likely include office space, a public meeting location, equipment storage, and bulk material storage.



YUCAIPA VALLEY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

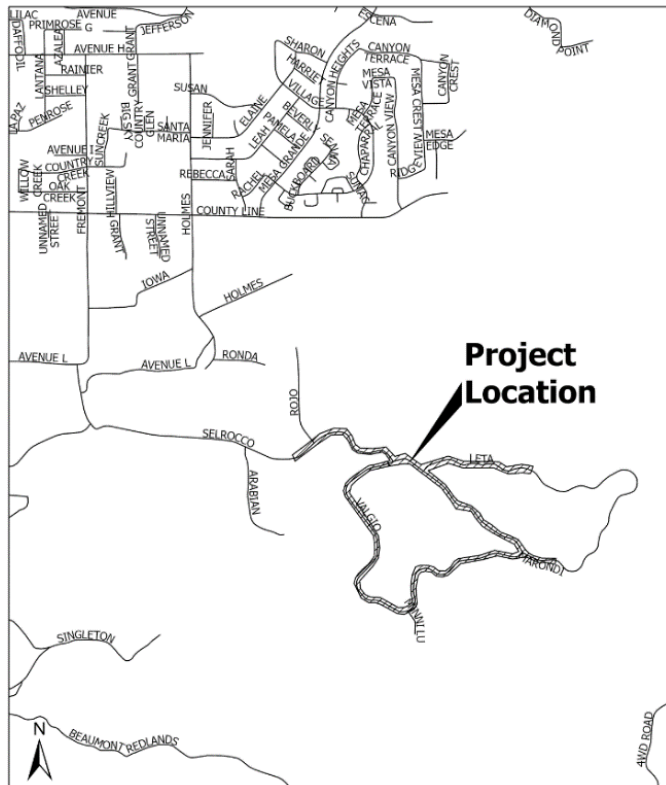
Project	Oak Hills Pipeline – Phase 1, 2, 3		
Fund	Water	Projected Dates	2028-29
Elements #	100505	Priority	Important

FUNDING SOURCE	
Reserves/Depreciation	\$ 2,643,486
Development Impact Fees	\$ 0
Federal Participation	\$ 0
State Participation	\$ 0
Bond Financing	\$ 0
Local Matching	\$ 0
Other Funds	\$ 0
Total	\$ 2,643,486

Project Description:

This project consists of replacing approximately 15,500 linear feet (LF) of drinking water main, 30 water services, and 40 fire hydrants. This project will be phased in 3 different sections.

Phase 1 was completed in fiscal year 2021-22 for a total of \$276,486 of the total project cost. This included the replacement of 800 LF of 6-inch PVC with 8-inch ductile iron pipe (DIP), two services, two hydrants and one sample station.

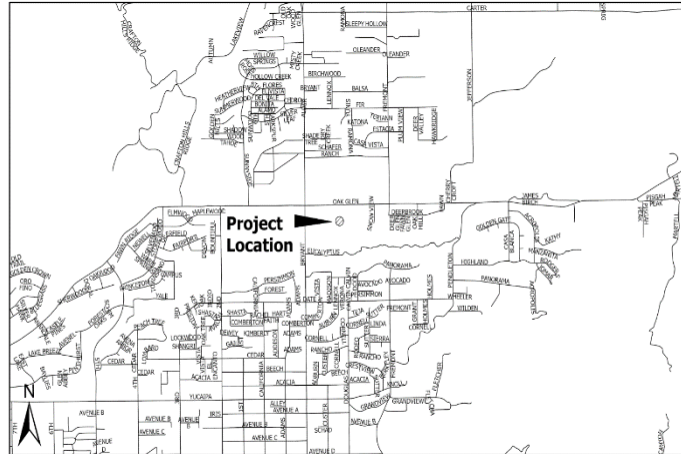


LOCATION MAP

YUCAIPA VALLEY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

Project	Energy Resiliency Project – Yucaipa Valley Regional Water Filtration Facility		
Fund	Water	Projected Dates	2022-26
Elements #	92562	Priority	Important

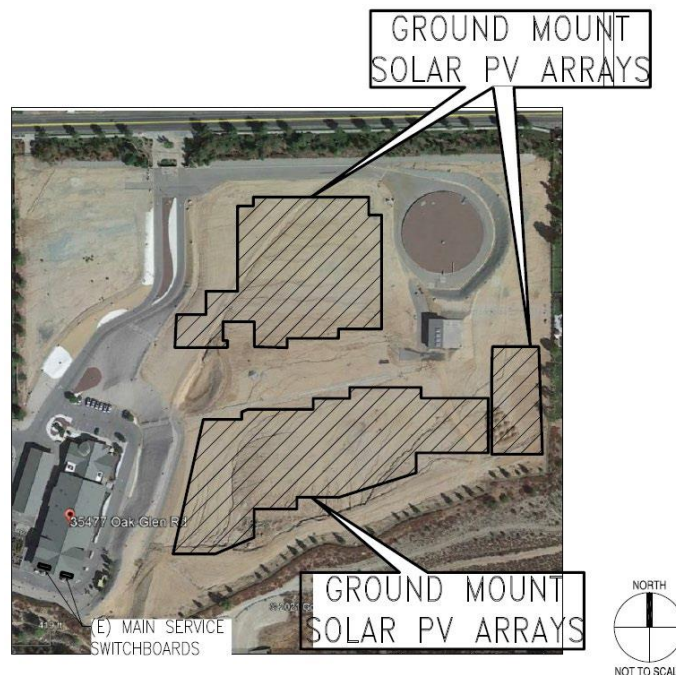
FUNDING SOURCE	
Reserves/Depreciation	\$ 0
Development Impact Fees	\$ 0
Federal Participation	\$ 805,500
State Participation	\$ 0
Bond Financing	\$ 0
Local Matching	\$ 0
Other Funds	\$ 18,592,033
Total	\$ 19,397,533



LOCATION MAP

Project Overview:

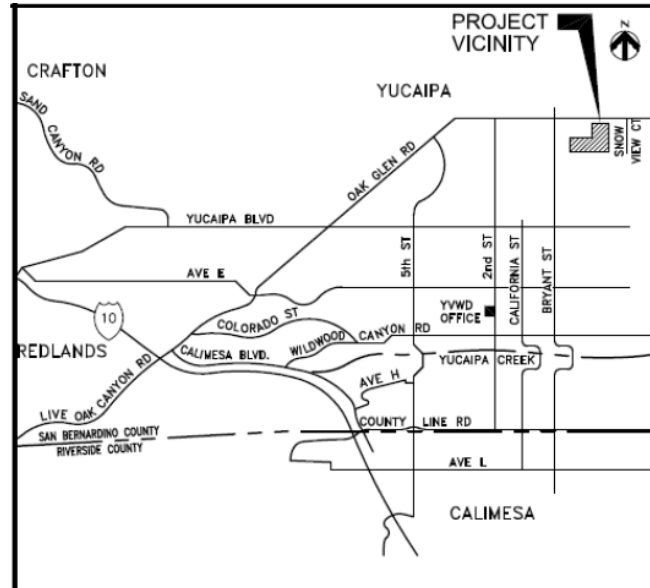
The installation of a micro-grid energy solution located at the Yucaipa Valley Regional Water Filtration Facility (YVRWFF) to provide energy resilience through a power purchase agreement (PPA) with Engie Services. The micro-grid will include solar panels, battery systems, and natural gas generators. The PPA will include installation, equipment, and maintenance of the required equipment. The additional cost of this project is estimated as related project expenses include the interconnection with Southern California Edison.



YUCAIPA VALLEY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

Project	SCADA Upgrades – YVRWFF, Drinking Water Facilities & Recycled Water Facilities		
Fund	Water	Projected Dates	2022-26
Elements #	105496/97012	Priority	Important

FUNDING SOURCE	
Reserves/Depreciation	\$ 0
Development Impact Fees	\$ 2,000,000
Federal Participation	\$ 0
State Participation	\$ 0
Bond Financing	\$ 0
Local Matching	\$ 0
Other Funds	\$ 1,655,000
Total	\$ 3,655,000



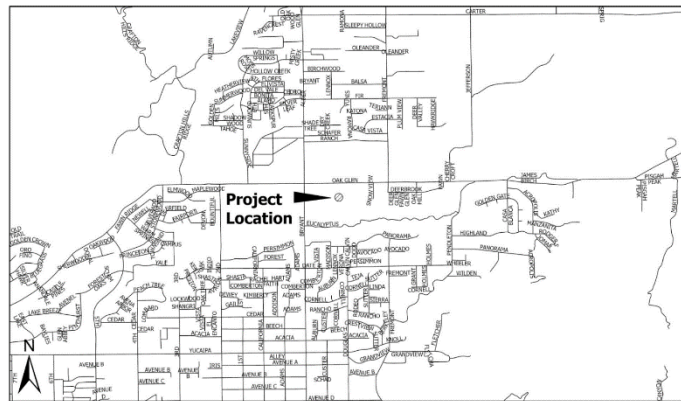
Project Description: The Supervisory Control and Data Acquisition (SCADA) system consists of field devices, centralized computer systems and network connected assets that ultimately serves as a tool for controlling and monitoring system operations at the Yucaipa Valley Regional Water Filtration Facility (YVRWFF) and distribution systems. This project will implement upgrades to the existing SCADA network by replacing the existing workstation hardware and the existing system hardware with a new operation system that will increase security measures and prolong the life of the SCADA system. The new equipment SCADA system will operate the YVRWFF in addition to the drinking water wells, booster pumps, reservoirs and recycled water boosters and reservoirs.



YUCAIPA VALLEY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

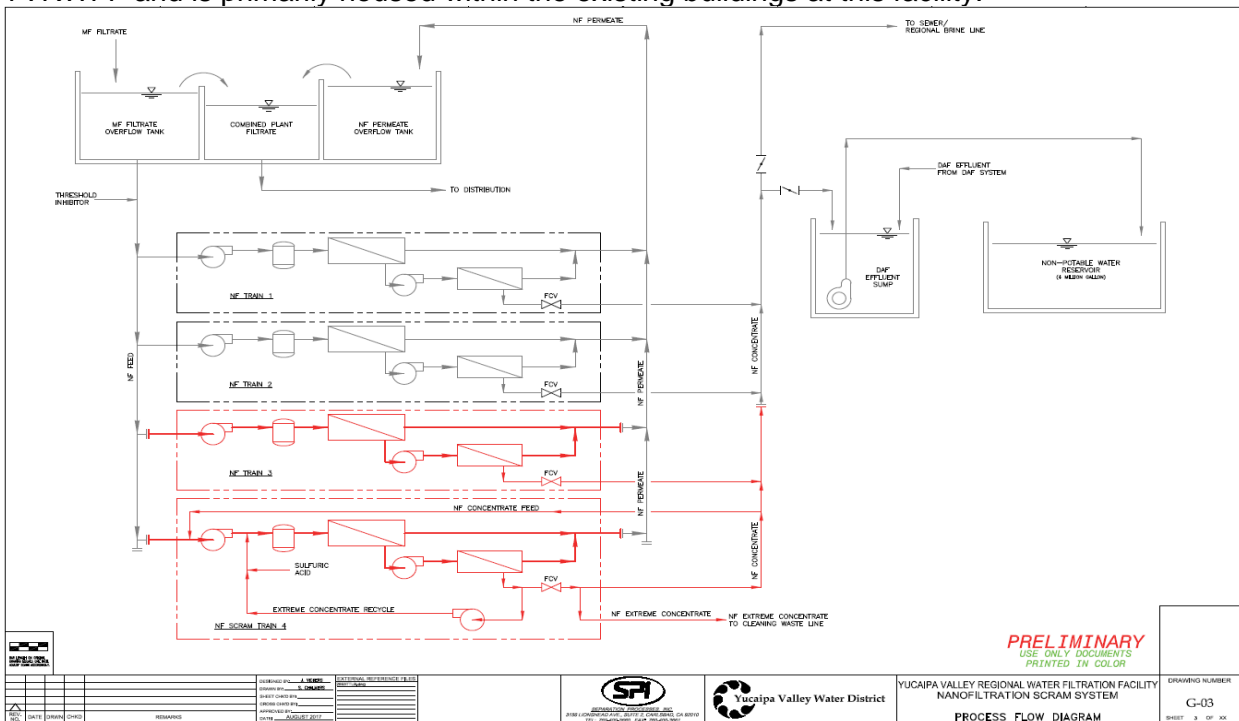
Project	Salinity and Concentrate Reduction and Minimization (SCRAM) Project		
Fund	Water	Projected Dates	2022-26
Elements #	105317	Priority	Critical

FUNDING SOURCE	
Reserves/Depreciation	\$ 0
Development Impact Fees	\$ 0
Federal Participation	\$ 4,922,968
State Participation	\$ 0
Bond Financing	\$ 5,500,000
Local Matching	\$ 0
Other Funds	\$ 0
Total	\$ 10,422,968



LOCATION MAP

Project Description: The Salinity and Concentration Reduction and Minimization (SCRAM) system at the Yucaipa Valley Regional Water Filtration Facility (YVRWFF) will reduce the amount of wasted backwash water produced by the membrane filtration process. This project will increase drinking water production with an estimated savings of 190 million gallons of water each year by reducing the amount of water currently used within the treatment process. By increasing the recovery rate of every gallon of water treated at YVRWFF, the State Water Project water is optimized. This project will be constructed within the existing footprint of YVRWFF and is primarily housed within the existing buildings at this facility.



PRELIMINARY
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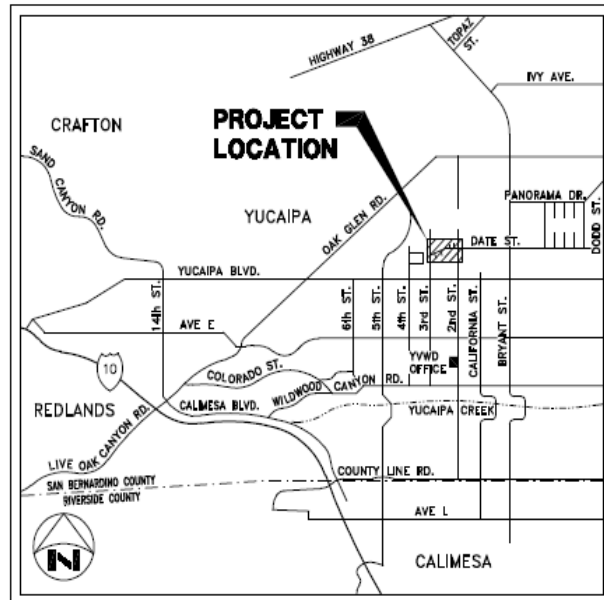
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="font-size: 8px;">NO. DATE</td> <td style="font-size: 8px;">BY</td> <td style="font-size: 8px;">CHKD</td> <td style="font-size: 8px;">REMARKS</td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </table>	NO. DATE	BY	CHKD	REMARKS					DRAWN BY: J. S. SHERIDAN CHECKED BY: S. SHERIDAN DATE: AUGUST 2022	PROJECT: SCRAM SHEET: 3 OF 11			YUCAIPA VALLEY REGIONAL WATER FILTRATION FACILITY NANOFILTRATION SCRAM SYSTEM PROCESS FLOW DIAGRAM	DRAWING NUMBER: G-03 SHEET 3 OF 11
NO. DATE	BY	CHKD	REMARKS											

YUCAIPA VALLEY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

Project	Date Street Pipeline Replacement (District Project)		
Fund	Water	Projected Dates	2023-24
Elements #	89008	Priority	Important

FUNDING SOURCE	
Reserves/Depreciation	\$ 782,847
Development Impact Fees	\$ 0
Federal Participation	\$ 0
State Participation	\$ 0
Bond Financing	\$ 0
Local Matching	\$ 0
Other Funds	\$ 0
Total	\$ 782,847

Project Background: The project includes a residential pipeline replacement within the City of Yucaipa. This pipeline is deteriorated steel that is prone to leaks and provides inadequate fire flow (gallons per minute-GPM) when tested against current standards. This pipeline is at the end of its useful life and needs to be replaced and upgraded to a larger diameter pipe. The pipeline has been designed and the documents are substantially complete.



Project Description:

Date Avenue, Indio Court, Oak Lane, Kent Lane, and Preston Lane - Approximately 2,400 linear feet of 8-inch ductile iron pipe, 46 services, 8 hydrants, 4 air vacs and pavement repair.

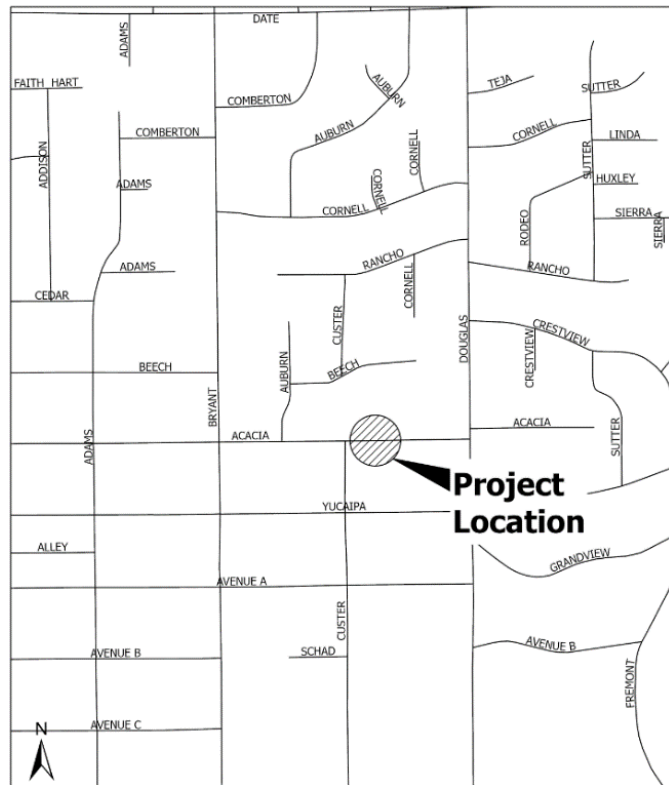
YUCAIPA VALLEY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

Project	Acacia Avenue West of Douglas St.; Water Main (District Project)		
Fund	Water	Projected Dates	2023-24
Elements #	95352	Priority	Important

FUNDING SOURCE	
Reserves/Depreciation	\$ 295,654
Development Impact Fees	\$ 0
Federal Participation	\$ 0
State Participation	\$ 0
Bond Financing	\$ 0
Local Matching	\$ 0
Other Funds	\$ 0
Total	\$ 295,654

Project Description:

This project consists of replacing approximately 970 linear feet of 4-inch steel pipe and replacing it with 8-inch ductile iron pipe (DIP). This includes installing 20 water services, 3 fire hydrants and paving.

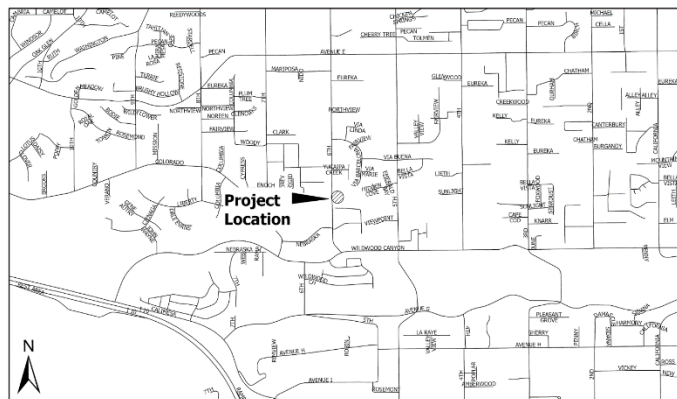


LOCATION MAP

YUCAIPA VALLEY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

Project	Well 12 Site Improvements		
Fund	Water	Projected Dates	2028-29
Elements #	TBD	Priority	Important

FUNDING SOURCE	
Reserves/Depreciation	\$ 40,000
Development Impact Fees	\$ 0
Federal Participation	\$ 0
State Participation	\$ 0
Bond Financing	\$ 0
Local Matching	\$ 0
Other Funds	\$ 0
Total	\$ 40,000



LOCATION MAP

Project Background: The District owns and operates a drinking water well on 6th Street in the City of Yucaipa that provides water production to the distribution system.

The well was initially drilled in the 1960’s and was recently mechanically rehabilitated. The recent rehabilitation approved by the Board of Directors on November 19, 2019, [Director Memorandum 19-130], included repairs and service to the well and the replacement of the column, tube, and shaft. The well is now in good working order with the exception of the building, vehicle access, and site grading. The next phase of the project is to replace the metal structure that currently encloses the well, increase security, and improve site drainage.

Structure Replacement: The existing structure needs to be replaced due to its condition, security, and limited function. A well house should have an accessible roof hatch that allows for equipment to be removed and replaced. The existing structure has a failing steel roof that must be partially disassembled to allow for overhead well maintenance. The existing structure has a small single door that limits access for servicing the housed equipment. The overall poor condition of the structure and the multiple roof leaks contribute to interior flooding during rain events. The replacement structure is planned to solve the problems of the current structure and improve the aesthetics of the property. The replacement steel building would measure 20 feet wide and 24 feet long and could be installed by District staff.



Frontage Improvements: The current condition of the site is pictured below. The lack of fencing and a defined entry to the property result in illegal dumping, trespassing, and a general deficiency of site security.



The curb and gutter is also absent from the frontage and District Staff is working with the City of Yucaipa to improve the Right-of-Way infrastructure.

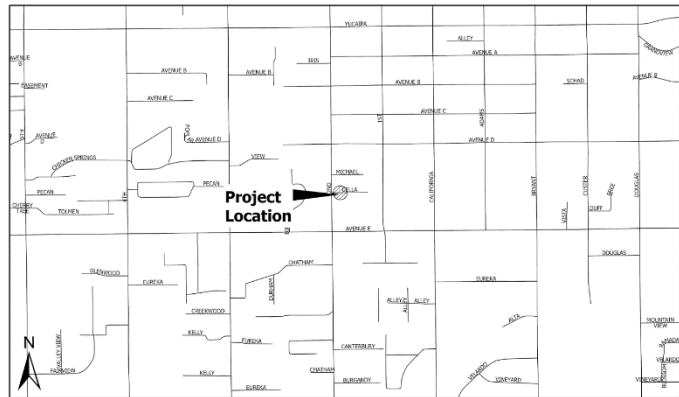
Site Grading: The new well structure will have a new finished floor height that is considered in the preliminary site grading plan. With minimal grading, the site can be improved to handle rain events, function, and appearance.



YUCAIPA VALLEY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

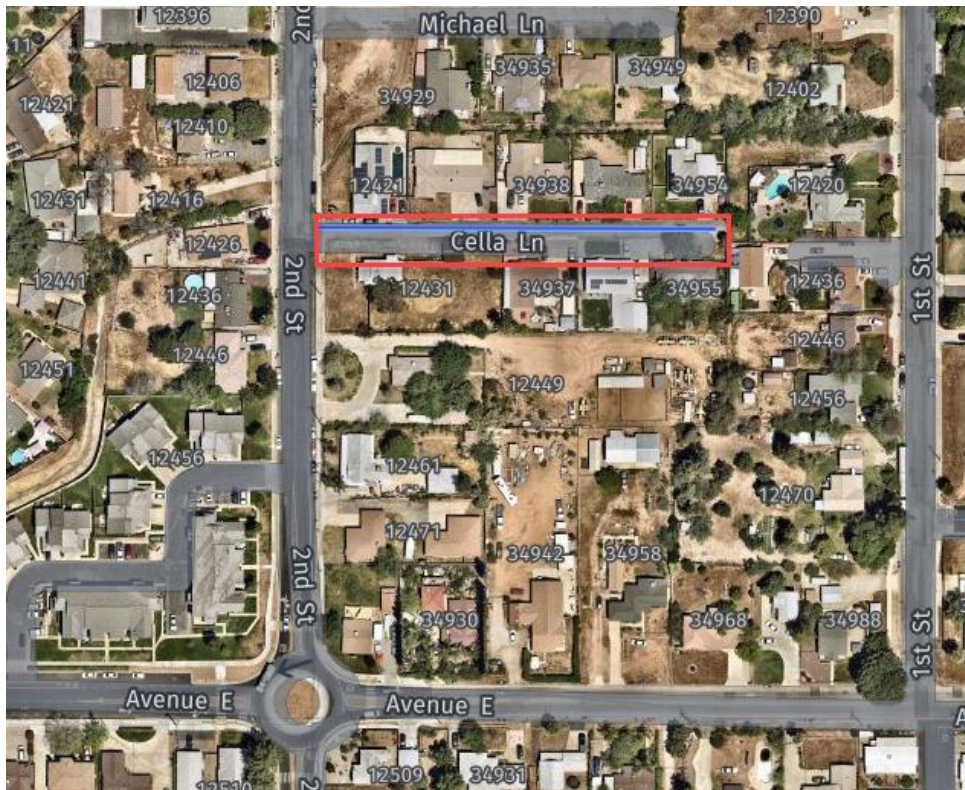
Project	Cella Lane Pipeline Replacement (District Project)		
Fund	Water	Projected Dates	2028-29
Elements #	95940	Priority	Important

FUNDING SOURCE	
Reserves/Depreciation	\$ 200,000
Development Impact Fees	\$ 0
Federal Participation	\$ 0
State Participation	\$ 0
Bond Financing	\$ 0
Local Matching	\$ 0
Other Funds	\$ 0
Total	\$ 200,000



LOCATION MAP

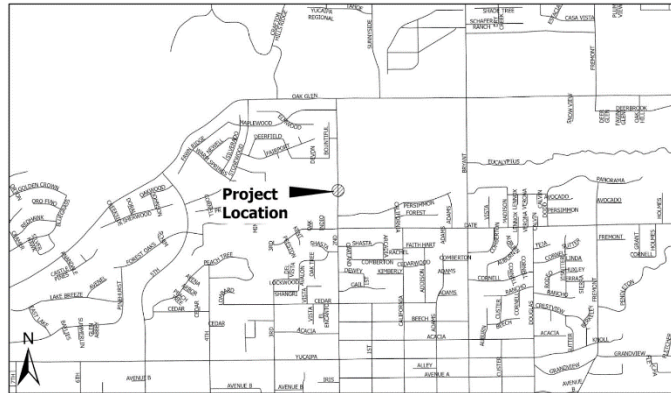
Project Description: Replacement of 360 linear feet of 4-inch steel drinking water mainline due to its condition and performance. The new mainline will be constructed of 8-inch ductile iron pipe and the existing 8 services will be replaced with 1-inch copper service lines. A new full-size hydrant will be installed. This project is planned to be completed by District staff.



YUCAIPA VALLEY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

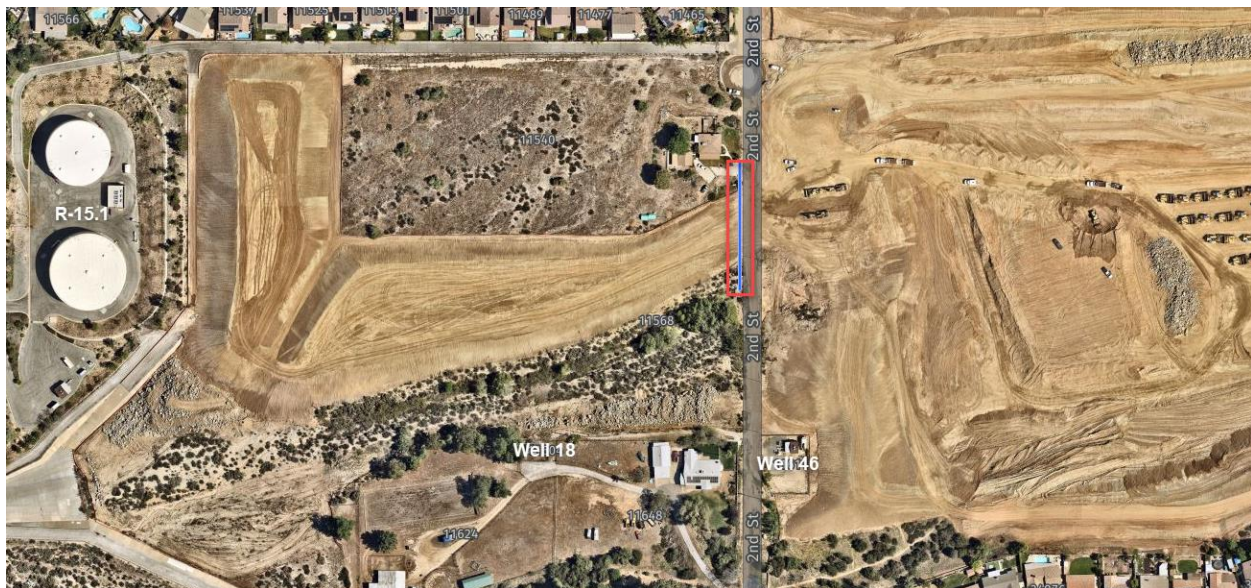
Project	Wilson III Pipeline Relocation – Second Street		
Fund	Water	Projected Dates	2028-29
Elements #	TBD	Priority	Important

FUNDING SOURCE	
Reserves/Depreciation	\$ 250,000
Development Impact Fees	\$ 0
Federal Participation	\$ 0
State Participation	\$ 0
Bond Financing	\$ 0
Local Matching	\$ 0
Other Funds	\$ 0
Total	\$ 250,000



LOCATION MAP

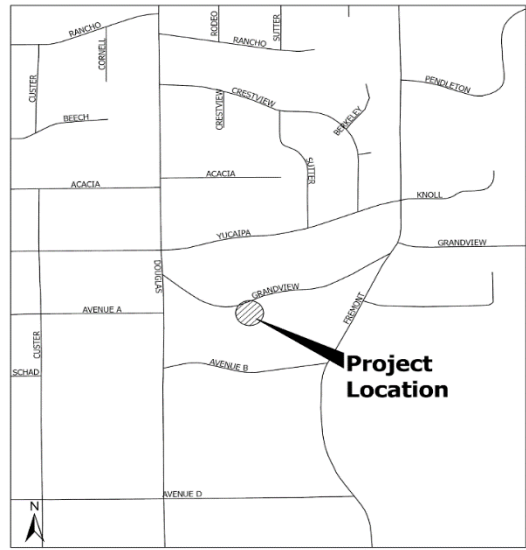
Project Description: Relocation of the existing 16” ductile iron pipe (DIP) drinking water pipeline within Second Street adjacent to the Well 46, south of Oak Glen Road. The City of Yucaipa is developing a flood control basin and lake that requires the adjustment of District infrastructure. The pipeline relocation consists of lowering a 215 linear foot section of existing pipeline to accommodate for the future flood control structure that is being designed and installed by the City of Yucaipa.



YUCAIPA VALLEY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

Project	Drain Line for the Existing R-14 Reservoir		
Fund	Water	Projected Dates	2028-29
Elements #	96839	Priority	Important

FUNDING SOURCE	
Reserves/Depreciation	\$ 70,000
Development Impact Fees	\$ 0
Federal Participation	\$ 0
State Participation	\$ 0
Bond Financing	\$ 0
Local Matching	\$ 0
Other Funds	\$ 0
Total	\$ 70,000



LOCATION MAP

Project Description:

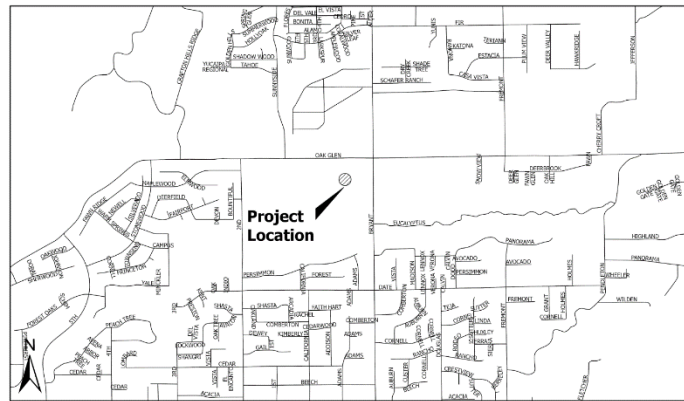
The R-14.2 drinking water reservoir is located south of Yucaipa Boulevard, east of Douglas Street in the City of Yucaipa. This site was constructed in 1973 and lacks a site drain for the tank overflow piping. This project involves the construction of a drain line at the existing R-14.2 reservoir site.



YUCAIPA VALLEY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

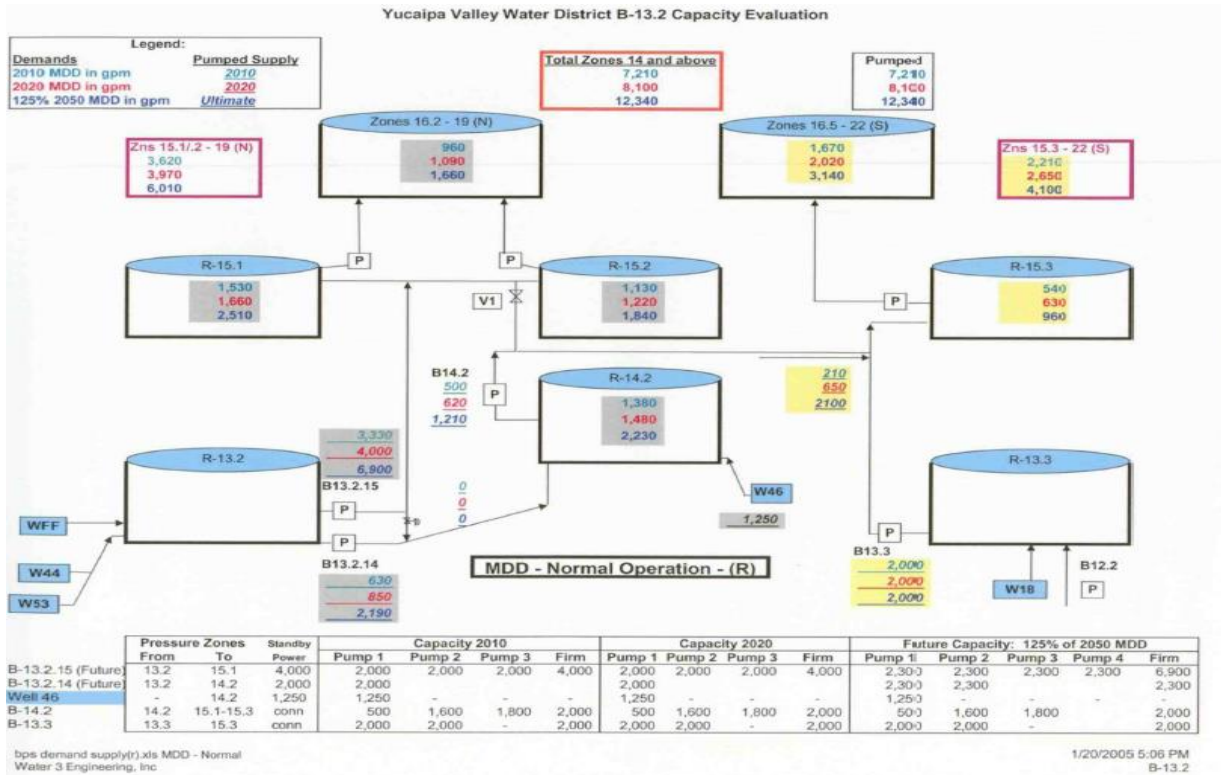
Project	Booster Station 13.2		
Fund	Water	Projected Dates	2028-29
Elements #	81607	Priority	Important

FUNDING SOURCE	
Reserves/Depreciation	\$ 100,000
Development Impact Fees	\$ 5,000,000
Federal Participation	\$ 0
State Participation	\$ 0
Bond Financing	\$ 0
Local Matching	\$ 0
Other Funds	\$ 0
Total	\$ 5,100,000



LOCATION MAP

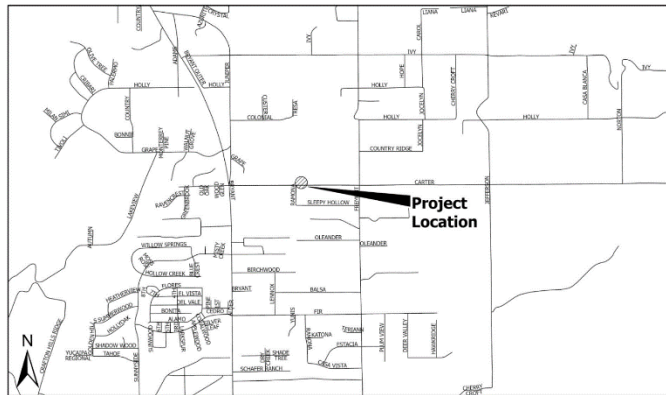
Project Description: Ultimate booster station located at R13.2 west of Bryant Street and South of Oak Glen Road. This booster station will have pumps that move drinking water to both 14 and 15 pressure zones. The pumps will require a new upgraded electrical service and respective pipeline improvements.



YUCAIPA VALLEY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

Project	Carter Street Pipeline Replacement (District Project)		
Fund	Water	Projected Dates	2028-29
Elements #	96143	Priority	Important

FUNDING SOURCE	
Reserves/Depreciation	\$ 185,000
Development Impact Fees	\$ 0
Federal Participation	\$ 0
State Participation	\$ 0
Bond Financing	\$ 0
Local Matching	\$ 0
Other Funds	\$ 0
Total	\$ 185,000



LOCATION MAP

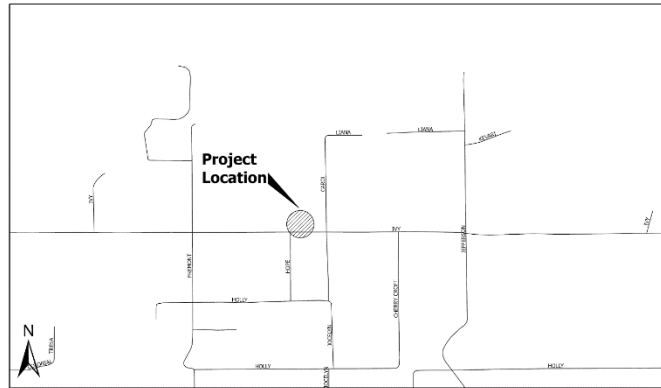
Project Description:

This project consists of replacing 1,000 linear feet of 10-inch PVC water main and replace it with 12-inch ductile iron pipe (DIP). This includes installing eight services and one fire hydrant.

YUCAIPA VALLEY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

Project	Booster Station 16.2.1/16.2.2		
Fund	Water	Projected Dates	2028-29
Elements #	92338	Priority	Important

FUNDING SOURCE	
Reserves/Depreciation	\$ 600,000
Development Impact Fees	\$ 0
Federal Participation	\$ 0
State Participation	\$ 0
Bond Financing	\$ 0
Local Matching	\$ 0
Other Funds	\$ 0
Total	\$ 600,000



LOCATION MAP

Project Background: The District owns and operates a drinking water booster site on the southwest corner of Ivy Avenue and Fremont Street within the City of Yucaipa. The existing booster station [B-16.2.2] is shown in the figure below along with the future booster [B-16.1.1/.2] station location and the extension of the 16-zone pipeline.



Project Overview: Relocation of booster pump site, installation of new equipment, abandon existing booster site, installation of 950 linear feet of 12” ductile iron pipe (DIP).

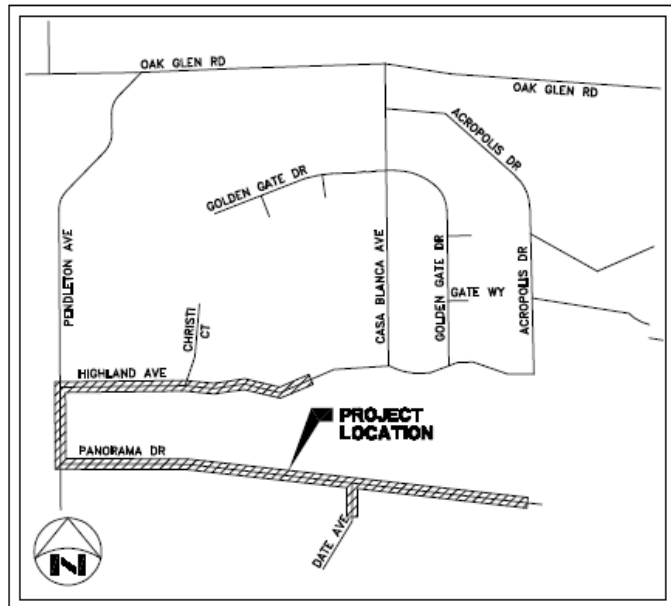
District Benefit: Reliability and performance of service in the drinking water distribution system.

YUCAIPA VALLEY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

Project	Panorama Drive Pipeline Replacement		
Fund	Water	Projected Dates	2028-29
Elements #	89284	Priority	Important

FUNDING SOURCE	
Reserves/Depreciation	\$ 1,150,000
Development Impact Fees	\$ 0
Federal Participation	\$ 0
State Participation	\$ 0
Bond Financing	\$ 0
Local Matching	\$ 0
Other Funds	\$ 0
Total	\$ 1,150,000

Project Background: The project includes the replacement of a residential pipeline within the City of Yucaipa. The existing pipeline is 4-inch steel and is prone to leaks and provides inadequate fire flow (GPM) when tested. This pipeline is at the end of its useful life and needs to be replaced and upgraded to a larger diameter pipe. This pipeline is needed to increase the available fire flow in this area as current infrastructure is deficient.



LOCATION MAP

Project Overview: Installation of approximately 3,125 linear feet of ductile iron pipe, 46 services, 7 hydrants, and trench line pavement repair.

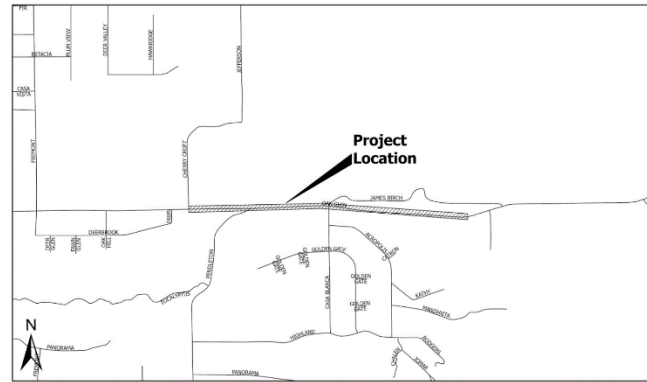
District Benefit: Reliability and performance of service in the drinking water distribution system and the ability to provide adequate fire flow for residents with less frequent leak and service repairs.

Related Project Requirements: Date Avenue pipeline replacement (completed by District crews). Cross-county pipeline connecting Chalen Way to Panorama Drive.

YUCAIPA VALLEY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

Project	Drinking Water Pipeline – R 16.2		
Fund	Water	Projected Dates	2028-29
Elements #	TBD	Priority	Important

FUNDING SOURCE	
Reserves/Depreciation	\$ 1,200,000
Development Impact Fees	\$ 0
Federal Participation	\$ 0
State Participation	\$ 0
Bond Financing	\$ 0
Local Matching	\$ 0
Other Funds	\$ 0
Total	\$ 1,200,000

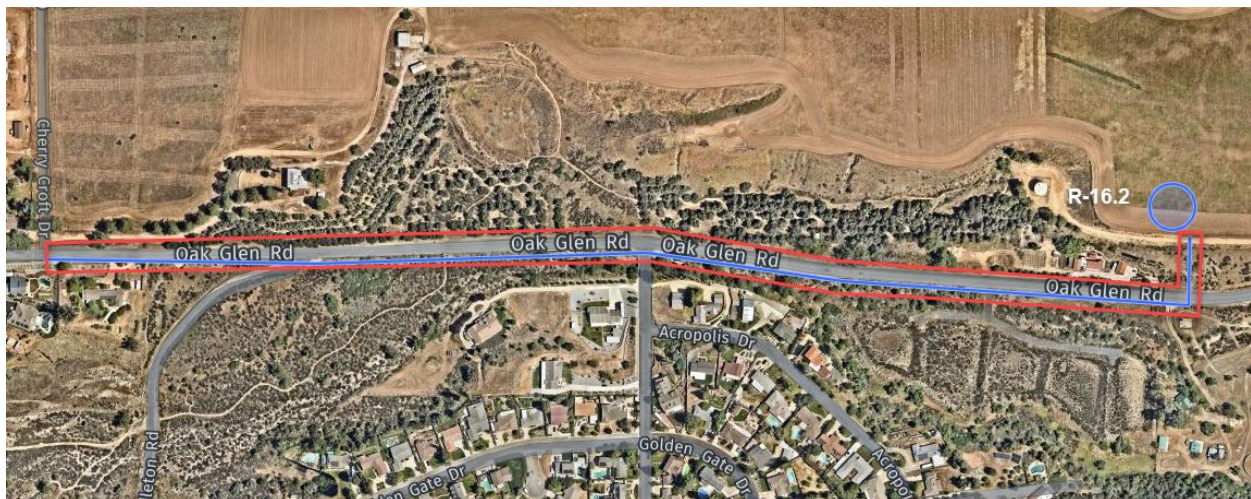


LOCATION MAP

Project Background: In order to make the new R-16.2 site function with the existing distribution system, an off-site pipeline must be installed in Oak Glen Road. This pipeline will be the tank feed from the 16 (pressure) zone and will be approximately 3,200 linear feet in length. The pipeline will be 16” in diameter and is planned to be a separate installation and project. The off-site improvements are estimated to cost \$1,200,000.

Project Overview: Installation of approximately 3,200 linear feet of 16” ductile iron pipe (DIP) and required paving. The westerly connection will be located at the intersection of Oak Glen Road and Cherry Croft Drive. The easterly connection will be the future R-16.2 drinking water reservoir. The majority of the pipeline alignment will be within Oak Glen Road with a small segment within an easement that has been previously acquired by the District.

Related Project Requirements: Replacement of drinking water reservoir R-16.2.

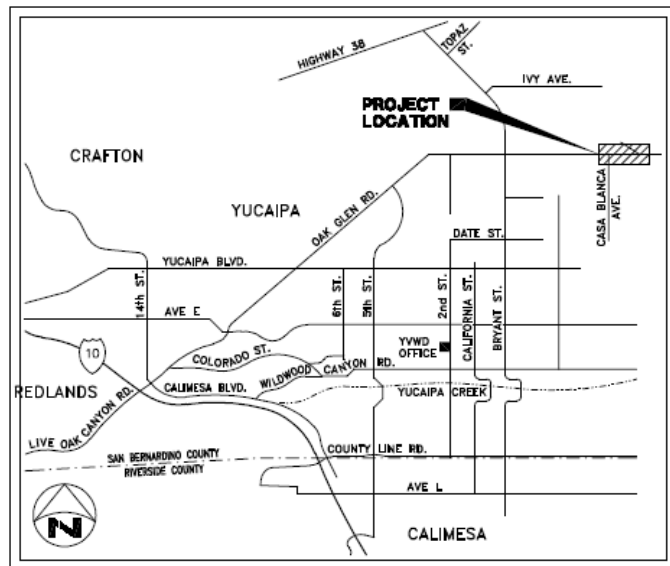


YUCAIPA VALLEY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

Project	Reservoir 16.2 Site Upgrade		
Fund	Water	Projected Dates	2028-29
Elements #	87440	Priority	Important

FUNDING SOURCE	
Reserves/Depreciation	\$ 1,000,000
Development Impact Fees	\$ 2,500,000
Federal Participation	\$ 0
State Participation	\$ 0
Bond Financing	\$ 0
Local Matching	\$ 0
Other Funds	\$ 0
Total	\$ 3,500,000

Project Background: The District owns and operates a drinking water storage facility [Asset ID: PW-R-13016.2] that was initially put into service in the early 1980's. The R-16.2 drinking water storage facility (tank) is a bolted steel tank measuring 38 feet in diameter and 24 feet in height with a storage capacity of 195,000 gallons. The existing tank site does not have an electrical service or a permanent booster station.



LOCATION MAP

The goal of this project is to replace the existing tank, install a permanent booster station, and prepare the site for the future construction of a recycled water reservoir.

This drinking water reservoir is located off Oak Glen Road, east of Casa Blanca Avenue in the City of Yucaipa. Leaks on the tank and damage to the roof, along with its age and overall deteriorated condition require a full replacement of the tank rather than continued repairs. When seasonal system demand requires pumping water up to Pressure Zone 17, a portable drinking water booster is temporarily installed by District staff to achieve the movement of water.

Project Overview: The preliminary design of the site layout is included below, showing two 500,000 gallon drinking water tanks, a booster station, upgraded site piping, and space for a recycled water tank. The existing tank is positioned on the west side of the District's property and will remain in service during the construction of the new tank and booster site.

- **Geotechnical Report:** Needed to determine design criteria and over excavation requirements. (Complete)
- **Environmental Assessment:** Need to comply with State and Federal regulations. Construction to take place within the existing pad location. Specific tank locations and footprints may vary, but will remain on existing graded pad.

- **Easements:** Previously established, nothing additional needed at this time.

Project Phasing: District staff is considering the various options of project phasing and feasibility of construction. Currently, the project is divided into two major phases.

- **Phase 1 Summary:** Electrical service, site grading and drainage improvements, booster house installation, site piping, site fencing, installation of tank R16.2.1., installation of boosters B16.2.1/B16.2.2, and preparations for back-up power.
- **Phase 2 Summary:** Installation of R16.2.2 (as demand requires), installation of booster B16.2.3/B16.2.4, installation of back-up power solution (generator or battery), recycled water tank and site piping (as demand requires), and final site paving.

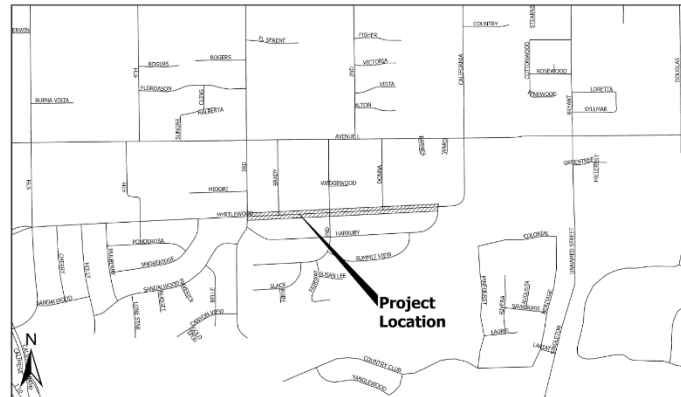
District Benefit: Reliability of service in the drinking water distribution system. New volume of storage will be 500,000 gallons compared to the 210,000 gallons currently available. The tank structure will meet current design criteria for seismic events and require little to no maintenance for the next 40-50 years. Other improvements include site security with new site fencing, electrical service, a booster station, and improved access and drainage.

Related Project Requirements: In order to make the new site function with the existing distribution system, an off-site pipeline must be installed in Oak Glen Road. This pipeline will be the tank feed from the 16 (pressure) zone and will be approximately 3,200 linear feet in length. The pipeline will be 16" in diameter and is planned to be a separate installation and project. The off-site improvements are estimated to cost \$1,200,000.

YUCAIPA VALLEY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

Project	Myrtlewood Drive Pipeline Replacement		
Fund	Water	Projected Dates	2028-29
Elements #	89722	Priority	Necessary

FUNDING SOURCE	
Reserves/Depreciation	\$ 0
Development Impact Fees	\$ 600,000
Federal Participation	\$ 0
State Participation	\$ 0
Bond Financing	\$ 0
Local Matching	\$ 0
Other Funds	\$ 0
Total	\$ 600,000



LOCATION MAP

Project Background: The project includes the replacement of a residential pipeline within the City of Calimesa. The existing pipeline is 4-inch steel and is prone to leaks and provides inadequate fire flow (GPM) when tested. This pipeline is at the end of its useful life and needs to be replaced and upgraded to a larger diameter pipe. This pipeline is needed to increase the available fire flow in this area as current infrastructure is deficient.

Project Overview: Installation of approximately 2,300 linear feet of ductile iron pipe, 61 services, 4 hydrants, 2 pressure reducing stations, and trench line pavement repair.

District Benefit: Reliability of service in the drinking water distribution system. Ability to provide adequate fire flow for residents and less frequent leak and service repairs.

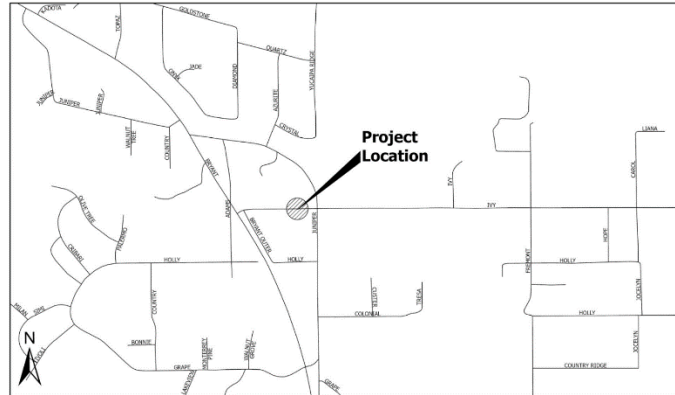
Related Project Requirements: This location currently does not have sewer service and installation of sewer should be considered during the roadwork of the drinking water line to save paving costs.



YUCAIPA VALLEY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

Project	Bryant Street/Juniper Avenue/Ivy Avenue		
Fund	Water	Projected Dates	2028-29
Elements #	95937	Priority	Important

FUNDING SOURCE	
Reserves/Depreciation	\$ 1,000,000
Development Impact Fees	\$ 0
Federal Participation	\$ 0
State Participation	\$ 0
Bond Financing	\$ 0
Local Matching	\$ 0
Other Funds	\$ 0
Total	\$ 1,000,000



LOCATION MAP

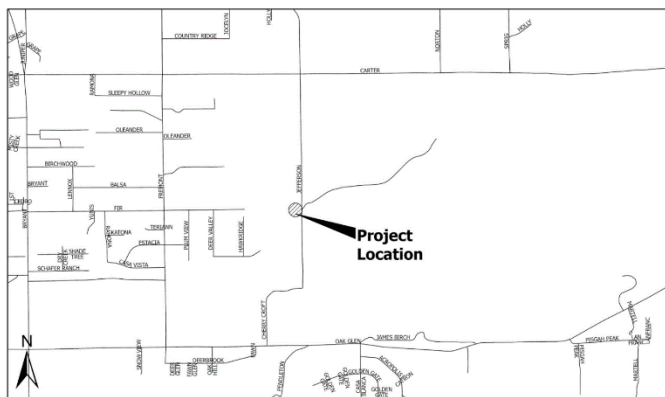
Project Description:

This project is to replace the 12-inch PVC drinking water mainline with 12-inch ductile iron pipe (DIP), and additional piping to complete a looped system. It begins at Bryant Street at Ivy Avenue, north to North Juniper Avenue and Ivy Avenue, east to Juniper Avenue, then north on Juniper Avenue to Azurite Street.

YUCAIPA VALLEY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

Project	North Bench 16 Zone Loop		
Fund	Water	Projected Dates	2028-29
Elements #	89464	Priority	Important

FUNDING SOURCE	
Reserves/Depreciation	\$ 0
Development Impact Fees	\$ 500,000
Federal Participation	\$ 0
State Participation	\$ 0
Bond Financing	\$ 0
Local Matching	\$ 0
Other Funds	\$ 0
Total	\$ 500,000



LOCATION MAP

Project Description: Pressure zone 16 located in the north bench of Yucaipa is currently served by a single feed within Fremont Street. This project would add a second connection point, thus creating a looped system. The pipeline installation is approximately 2,500 linear feet of 16” ductile iron pipe within Fir Avenue and Jefferson Street.

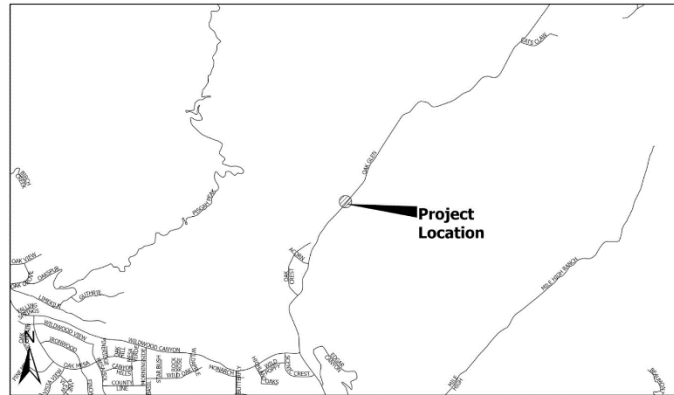


Currently, there is not an established roadway surface. This project may include partnering with the City of Yucaipa for a roadway installation.

YUCAIPA VALLEY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

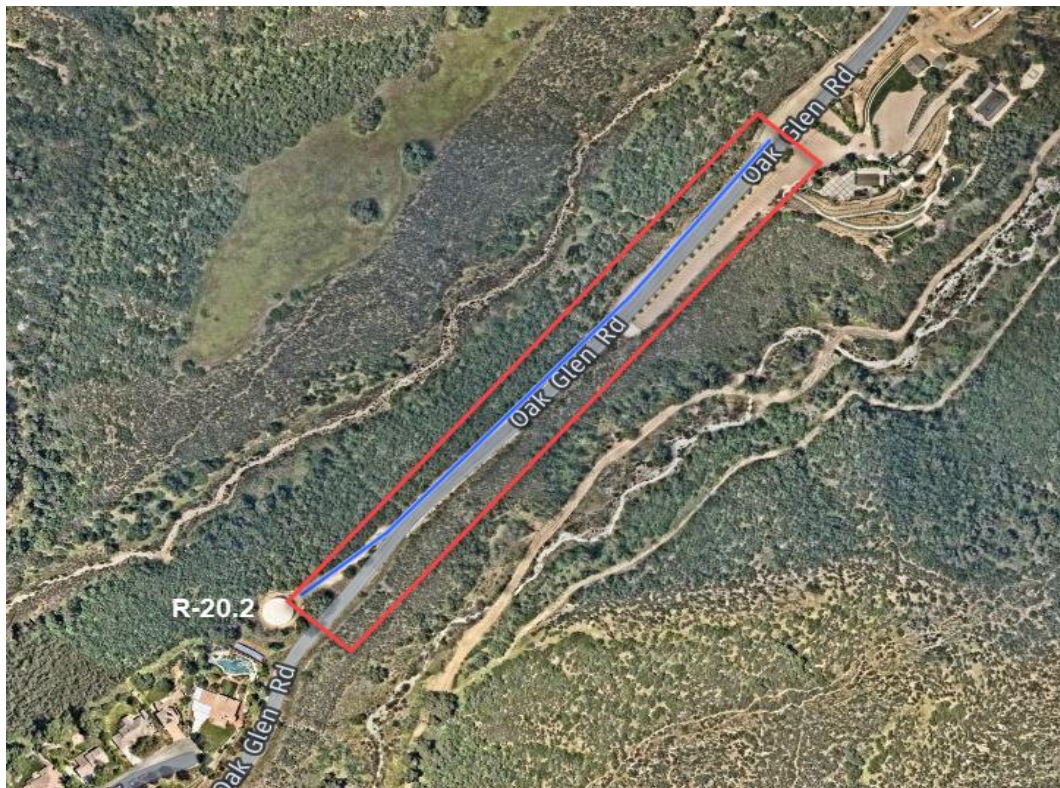
Project	Oak Glen Road Pipeline (Pisgah Peak)		
Fund	Water	Projected Dates	2028-29
Elements #	95360	Priority	Important

FUNDING SOURCE	
Reserves/Depreciation	\$ 450,000
Development Impact Fees	\$ 0
Federal Participation	\$ 0
State Participation	\$ 0
Bond Financing	\$ 0
Local Matching	\$ 0
Other Funds	\$ 0
Total	\$ 450,000



LOCATION MAP

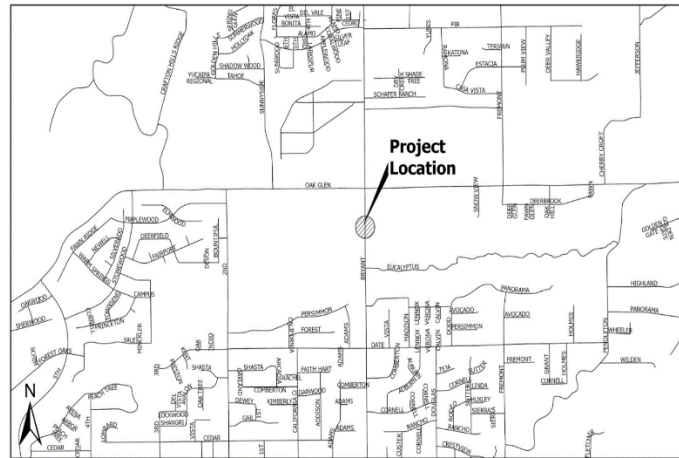
Project Description: Replacement of approximately 1,300 linear feet of 8-inch PVC pipeline in the 22 zone within Oak Glen Road. The project is located in the City of Yucaipa, north of Acorn Way and upstream of the R-20.2 drinking water reservoir. The replacement pipe will be constructed of 12-inch ductile iron pipe and will remain in the same general alignment of the existing PVC pipeline. The existing pressure reducing station will also be replaced during this project.



YUCAIPA VALLEY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

Project	Bryant Street 15 Zone Interconnection		
Fund	Water	Projected Dates	2028-29
Elements #	95904	Priority	Important

FUNDING SOURCE	
Reserves/Depreciation	\$ 650,000
Development Impact Fees	\$ 0
Federal Participation	\$ 0
State Participation	\$ 0
Bond Financing	\$ 0
Local Matching	\$ 0
Other Funds	\$ 0
Total	\$ 650,000



LOCATION MAP

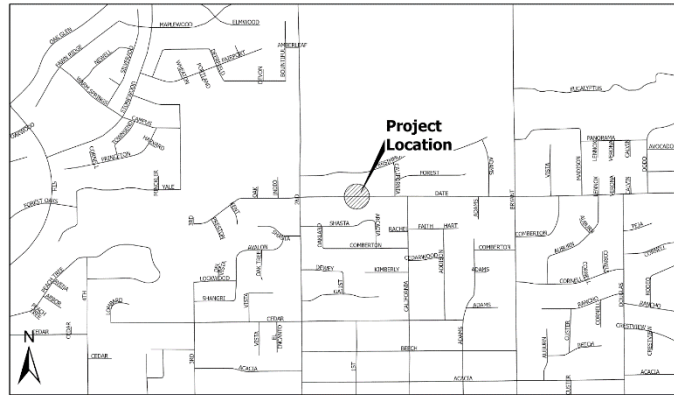
Project Description: Installation of a pipeline within Bryant Street, south of Oak Glen Road in the City of Yucaipa. The drinking water distribution system includes 18 different pressure zones to provide consistent service at various elevations. In areas where one pressure zone starts and another ends, multiple pipelines may be required within a single roadway. Currently, within this specific location of Bryant Street a 14-zone pipeline is installed. This project will include a 15-zone pipeline interconnection. Existing 15 zone pipelines exist at either end of this future pipeline, thereby interconnecting the 15 zone. The future interconnection pipeline will be approximately 1,350 linear feet in length and 12-inch diameter.



YUCAIPA VALLEY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

Project	Date Avenue – 2 nd to California		
Fund	Water	Projected Dates	2028-29
Elements #	95304	Priority	Important

FUNDING SOURCE	
Reserves/Depreciation	\$ 400,000
Development Impact Fees	\$ 0
Federal Participation	\$ 0
State Participation	\$ 0
Bond Financing	\$ 0
Local Matching	\$ 0
Other Funds	\$ 0
Total	\$ 400,000



LOCATION MAP

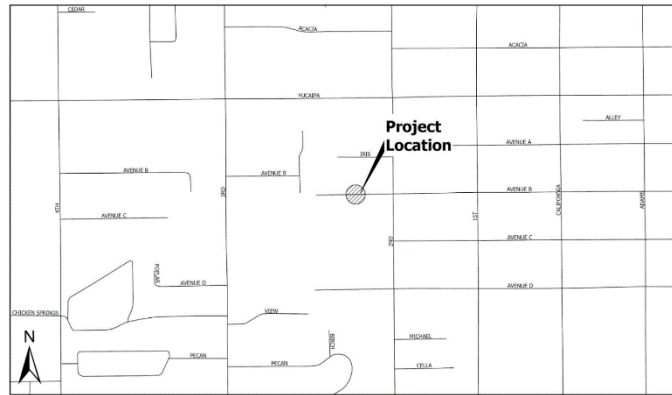
Project Description:

This project consists of replacing approximately 1,300 linear feet of 4-inch water main and replacing it with 8-inch ductile iron pipe (DIP). This includes installing 31 services and 2 fire hydrants on Date Avenue.

YUCAIPA VALLEY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

Project	Avenue B, West of 2 nd Street (District Project)		
Fund	Water	Projected Dates	2028-29
Elements #	TBD	Priority	Important

FUNDING SOURCE	
Reserves/Depreciation	\$ 170,000
Development Impact Fees	\$ 0
Federal Participation	\$ 0
State Participation	\$ 0
Bond Financing	\$ 0
Local Matching	\$ 0
Other Funds	\$ 0
Total	\$ 170,000



LOCATION MAP

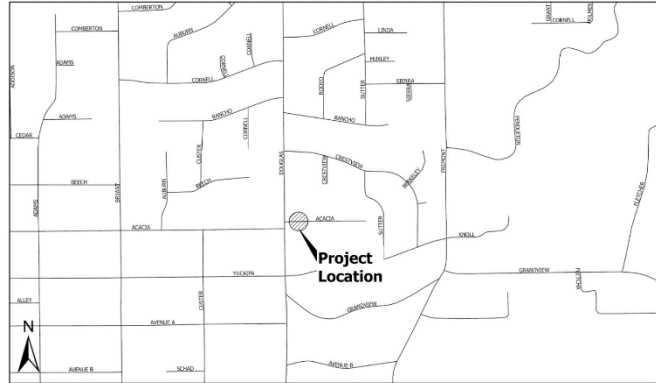
Project Description: This project consists of replacing approximately 600 linear feet of 4-inch steel water main and replacing it with 8-inch ductile iron pipe (DIP). This includes installing 12 services and two fire hydrants on Avenue B, west of Second Street.



YUCAIPA VALLEY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

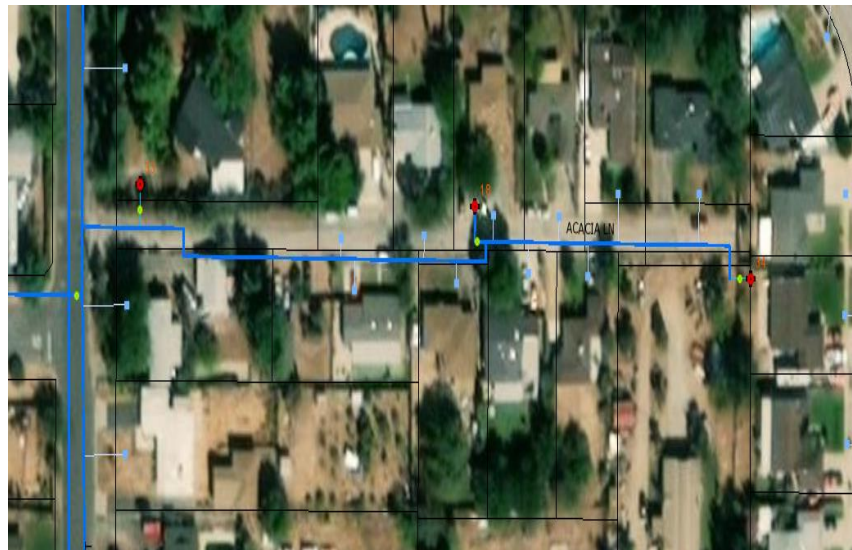
Project	Acacia Lane East of Douglas Street; Water Main (District Project)		
Fund	Water	Projected Dates	2028-29
Elements #	TBD	Priority	Important

FUNDING SOURCE	
Reserves/Depreciation	\$ 259,000
Development Impact Fees	\$ 0
Federal Participation	\$ 0
State Participation	\$ 0
Bond Financing	\$ 0
Local Matching	\$ 0
Other Funds	\$ 0
Total	\$ 259,000



LOCATION MAP

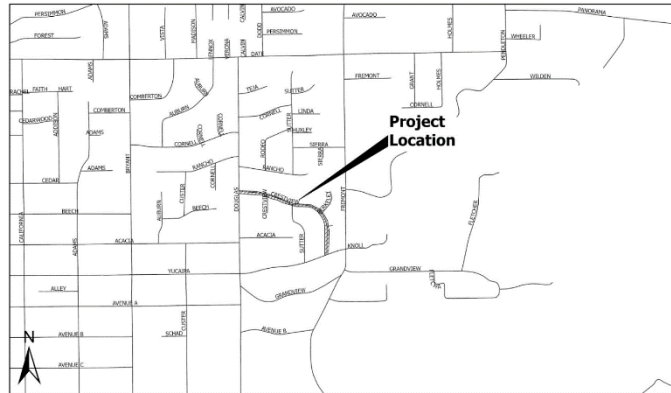
Project Description: This project consists of replacing approximately 970 linear feet of 4-inch steel water main, with 8-inch ductile iron pipe (DIP). This includes installing 20 services and three fire hydrants on Acacia Lane, east of Douglas Street. This will be completed by District staff.



YUCAIPA VALLEY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

Project	Crestview Drive from Douglas Street to Sutter Avenue (District Project)		
Fund	Water	Projected Dates	2028-29
Elements #	TBD	Priority	Important

FUNDING SOURCE	
Reserves/Depreciation	\$ 327,000
Development Impact Fees	\$ 0
Federal Participation	\$ 0
State Participation	\$ 0
Bond Financing	\$ 0
Local Matching	\$ 0
Other Funds	\$ 0
Total	\$ 327,000



LOCATION MAP

Project Description: This project consists of replacing 690 linear feet of water main, 14 services and two fire hydrants on Crestview Drive, 260 linear feet of water main, seven water services and one fire hydrant on Crestview Court, and 260 linear feet of water main, five water services, and one fire hydrant on Sutter Avenue. This will be completed by District staff.



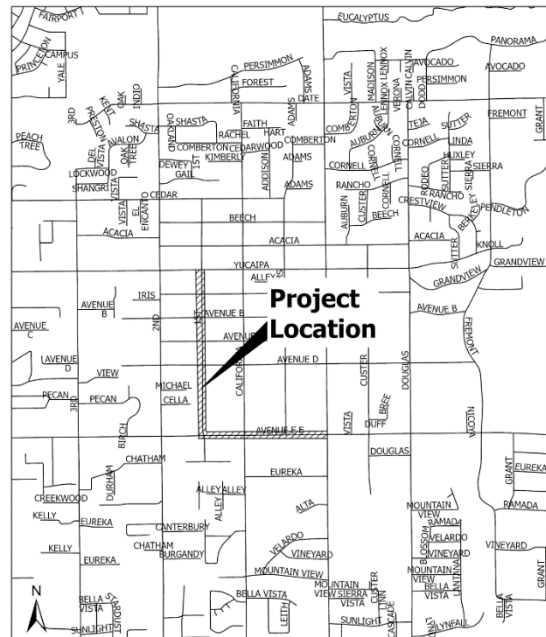
YUCAIPA VALLEY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

Project	30" Yucaipa Boulevard to Wildwood Canyon		
Fund	Water	Projected Dates	2028-29
Elements #	TBD	Priority	Important

FUNDING SOURCE	
Reserves/Depreciation	\$ 1,750,000
Development Impact Fees	\$ 0
Federal Participation	\$ 0
State Participation	\$ 0
Bond Financing	\$ 0
Local Matching	\$ 0
Other Funds	\$ 0
Total	\$ 1,750,000

Project Description:

This is a drinking water pipeline installation that will replace the current bottlenecks in the drinking water distribution system. The recently installed 30" drinking water pipeline in 1st Street near Yucaipa Boulevard, will be the northly connection point with the new 30" pipeline traveling south as far as Wildwood Canyon Road.



LOCATION MAP

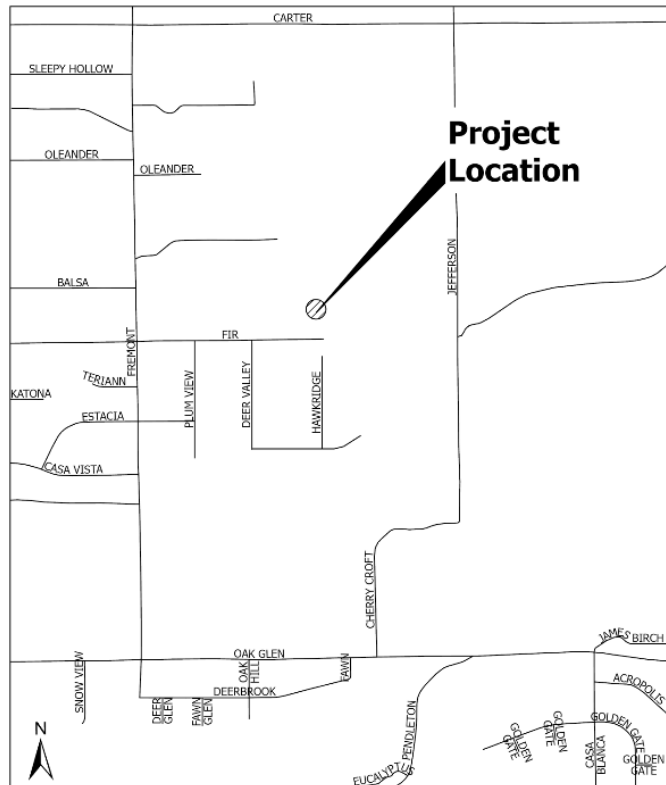
YUCAIPA VALLEY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

Project	Booster Station 15.1		
Fund	Water	Projected Dates	2028-29
Elements #	TBD	Priority	Important

FUNDING SOURCE	
Reserves/Depreciation	\$ 1,225,000
Development Impact Fees	\$ 0
Federal Participation	\$ 0
State Participation	\$ 0
Bond Financing	\$ 0
Local Matching	\$ 0
Other Funds	\$ 0
Total	\$ 1,225,000

Project Description:

This consists of a permanent booster station to replace the ongoing temporary station utilized during warmer months. Electrical and water distribution lines are already on site.

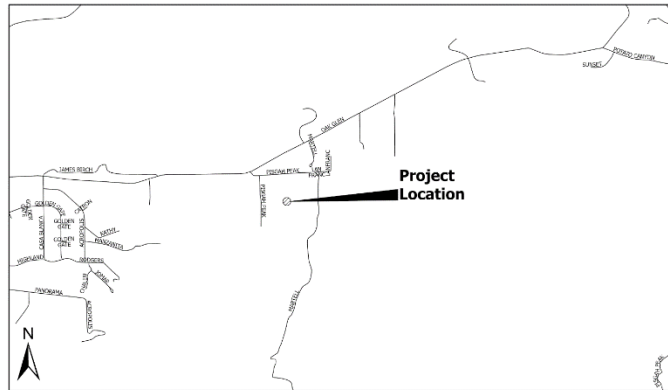


LOCATION MAP

YUCAIPA VALLEY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

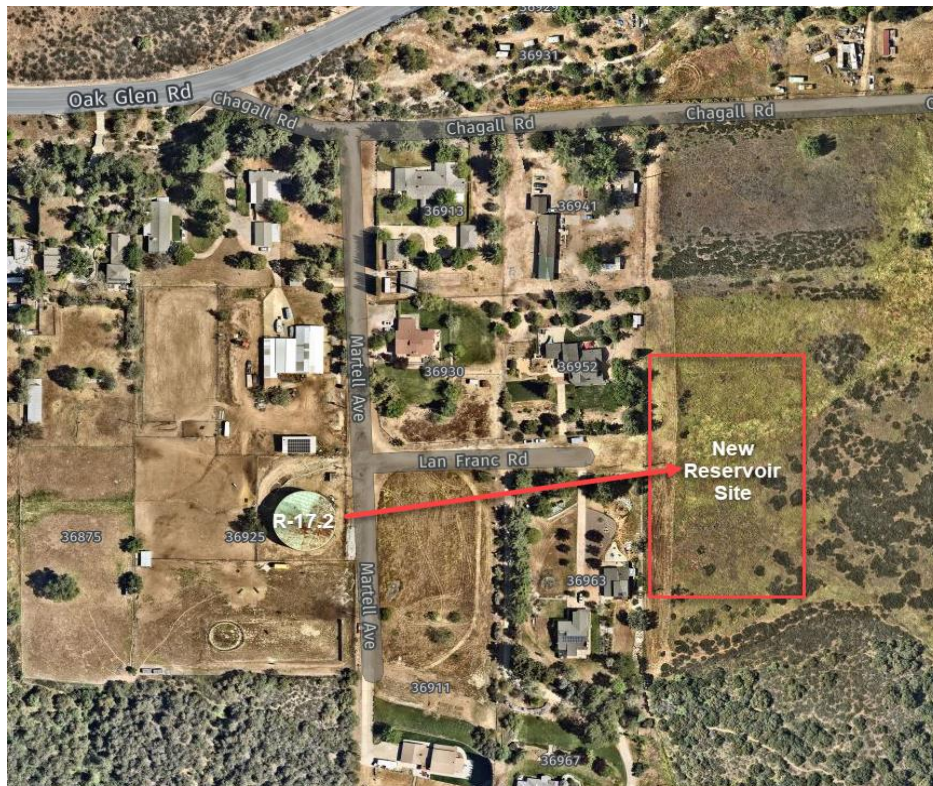
Project	Reservoir 17.2 Replacement		
Fund	Water	Projected Dates	2028-29
Elements #	81604	Priority	Important

FUNDING SOURCE	
Reserves/Depreciation	\$ 2,000,000
Development Impact Fees	\$ 0
Federal Participation	\$ 0
State Participation	\$ 0
Bond Financing	\$ 0
Local Matching	\$ 0
Other Funds	\$ 0
Total	\$ 2,000,000



LOCATION MAP

Project Description: Replacement and relocation of the drinking water reservoir R-17.2 located south of Oak Glen Road at the intersection of Lan Franc Road and Martell Avenue. The existing R-17.2 reservoir is at the end of its useful life and should be replaced due to its age and condition. The new reservoir will be located within an adjacent District property to the east of the existing reservoir site. The new reservoir site will have space for additional tanks and will be at a higher elevation to increase the service pressure within this zone.



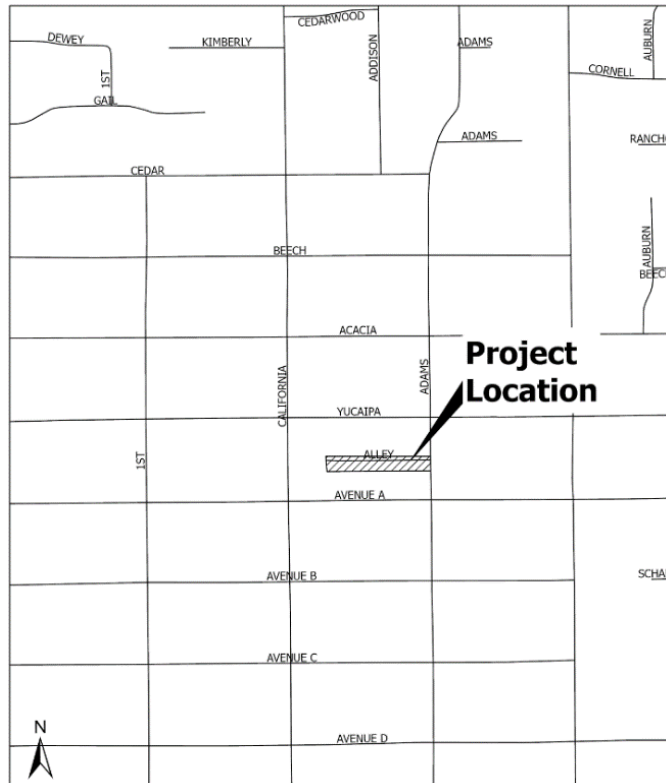
YUCAIPA VALLEY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

Project	Avenue A Alley Pipeline		
Fund	Water	Projected Dates	2028-29
Elements #	81488	Priority	Important

FUNDING SOURCE	
Reserves/Depreciation	\$ 300,000
Development Impact Fees	\$ 0
Federal Participation	\$ 0
State Participation	\$ 0
Bond Financing	\$ 0
Local Matching	\$ 0
Other Funds	\$ 0
Total	\$ 300,000

Project Description:

The project is located in the existing Alley between Avenue A and Avenue B, East of 1st Street. This project consists of replacing 1,000 feet of 8" PVC water main, replacing it with 8" ductile iron pipe (DIP) and installing 17 water services.



LOCATION MAP

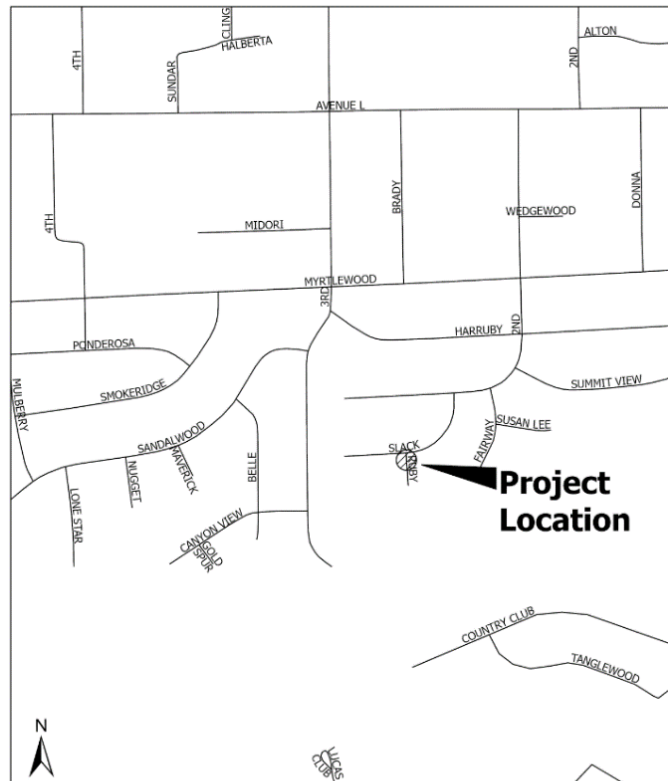
YUCAIPA VALLEY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

Project	Ruby Court; Water Main (District Project)		
Fund	Water	Projected Dates	2028-29
Elements #	TBD	Priority	Important

FUNDING SOURCE	
Reserves/Depreciation	\$ 50,000
Development Impact Fees	\$ 0
Federal Participation	\$ 0
State Participation	\$ 0
Bond Financing	\$ 0
Local Matching	\$ 0
Other Funds	\$ 0
Total	\$ 50,000

Project Description:

This project consists of replacing 220 linear feet of 4-inch steel water main and replacing it with 8-inch ductile iron pipe (DIP). This includes installing six services and one fire hydrant.

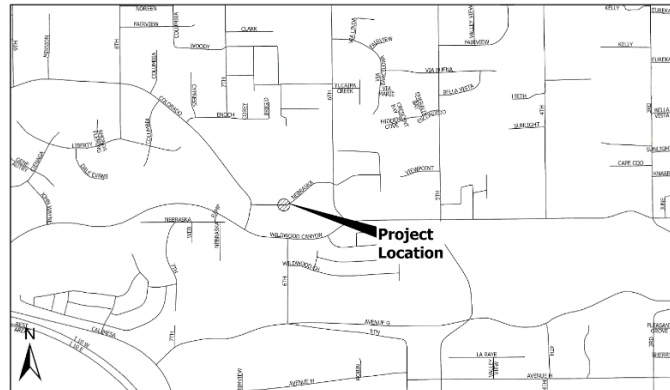


LOCATION MAP

YUCAIPA VALLEY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

Project	Nebraska Lane from 6 th to Colorado Street (District Project)		
Fund	Water	Projected Dates	2028-29
Elements #	TBD	Priority	Important

FUNDING SOURCE	
Reserves/Depreciation	\$ 155,000
Development Impact Fees	\$ 0
Federal Participation	\$ 0
State Participation	\$ 0
Bond Financing	\$ 0
Local Matching	\$ 0
Other Funds	\$ 0
Total	\$ 155,000



LOCATION MAP

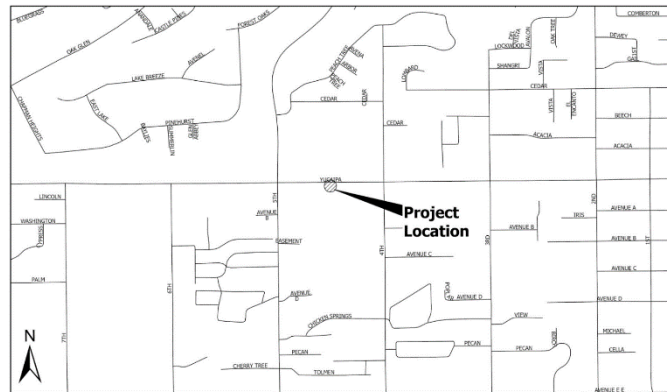
Project Description:

This project consists of replacing 775 linear feet of 4-inch steel water main and replace it with 8-inch ductile iron pipe (DIP). This includes installing 23 services and two fire hydrants.

YUCAIPA VALLEY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

Project	Pipeline 4 th Street/Yucaipa Boulevard/5 th Street		
Fund	Water	Projected Dates	2028-29
Elements #	TBD	Priority	Important

FUNDING SOURCE	
Reserves/Depreciation	\$ 938,000
Development Impact Fees	\$ 0
Federal Participation	\$ 0
State Participation	\$ 0
Bond Financing	\$ 0
Local Matching	\$ 0
Other Funds	\$ 0
Total	\$ 938,000



LOCATION MAP

Project Description:

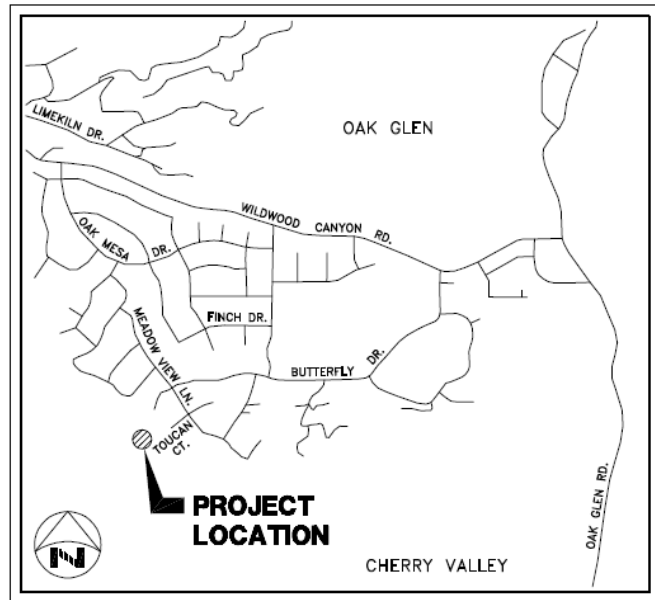
This project involves the replacement of 4,370 feet of 8-inch diameter pipe with 12-inch pipe and 5,000 feet of 12-inch diameter pipe with 16-inch diameter piping to replace the reach located on 4th Street, south of Cedar, west of Yucaipa Boulevard and south on 5th Street. Eight segments of pipeline in this reach currently exceed the design criteria of $d/D = 0.5$, with a max d/D of 0.661 and an average d/D of 0.608 for these pipes. This project is necessary to meet the District's design criteria.

YUCAIPA VALLEY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

Project	Reservoir 18.4 Replacement		
Fund	Water	Projected Dates	2028-29
Elements #	TBD	Priority	Important

FUNDING SOURCE	
Reserves/Depreciation	\$ 1,600,000
Development Impact Fees	\$ 0
Federal Participation	\$ 0
State Participation	\$ 0
Bond Financing	\$ 0
Local Matching	\$ 0
Other Funds	\$ 0
Total	\$ 1,600,000

Project Description: Replacement of drinking water reservoir R-18.4 due to its age and condition. The R-18.4 reservoir site is located at the terminus of Toucan Court, south of Wildwood Canyon Road within the Hidden Meadows residential development. The existing reservoir site has additional space for a second tank to be installed while the existing tank continues to provide service during the construction period.



LOCATION MAP

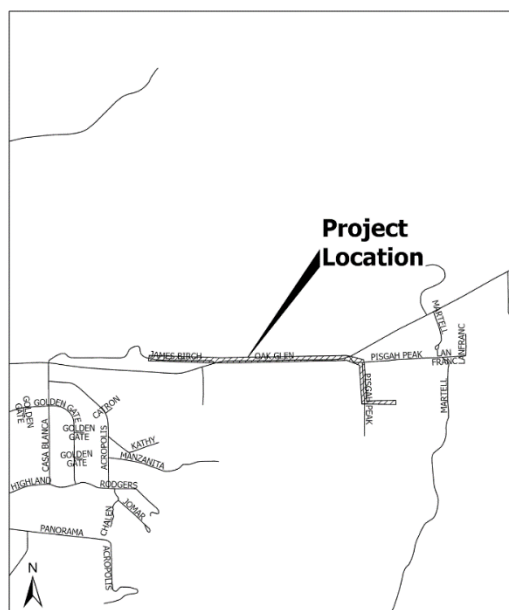
Related Project Requirements: A new tank supply line will need to be installed to replace the 40-year-old PVC pipeline that currently provides service to this site. The pipeline can be constructed within the existing alignment and easement.

YUCAIPA VALLEY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

Project	Pipeline Between R-16.2 and R-17.2 – Design & Cost		
Fund	Water	Projected Dates	2028-29
Elements #	96697	Priority	Important

FUNDING SOURCE	
Reserves/Depreciation	\$ 0
Development Impact Fees	\$ 1,350,000
Federal Participation	\$ 0
State Participation	\$ 0
Bond Financing	\$ 0
Local Matching	\$ 0
Other Funds	\$ 0
Total	\$ 1,350,000

Project Description: The pipeline between R-16.2 and R-17.2 will need to be replaced due to its age, condition, and diameter. The replacement pipeline alignment will remain generally unchanged besides the connection points at each of the future tank sites. The location is within Oak Glen Road, Chagall Road, Martell Avenue, and Lan Franc Road in the City of Yucaipa. This project will be phased after the replacement of R-16.2 and R-17.2 reservoirs. The pipeline will include approximately 3,800 linear feet of 16” ductile iron pipe and various appurtenances.



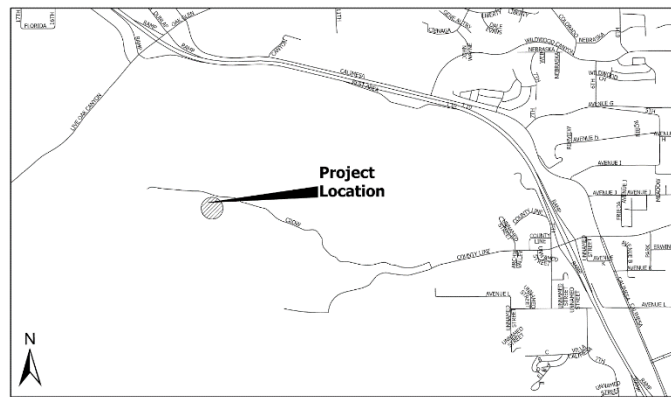
LOCATION MAP



YUCAIPA VALLEY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

Project	Salinity and Groundwater Enhancement (SAGE) Project		
Fund	Wastewater	Projected Dates	2020-26
Elements #	95290	Priority	Critical

FUNDING SOURCE	
Reserves/Depreciation	\$ 0
Development Impact Fees	\$ 4,000,000
Federal Participation	\$ 33,239,120
State Participation	\$ 0
Bond Financing	\$ 5,500,000
Local Matching	\$ 0
Other Funds	\$ 0
Total	\$ 42,739,120



LOCATION MAP

Project Description: The primary objectives of the proposed project include the following:

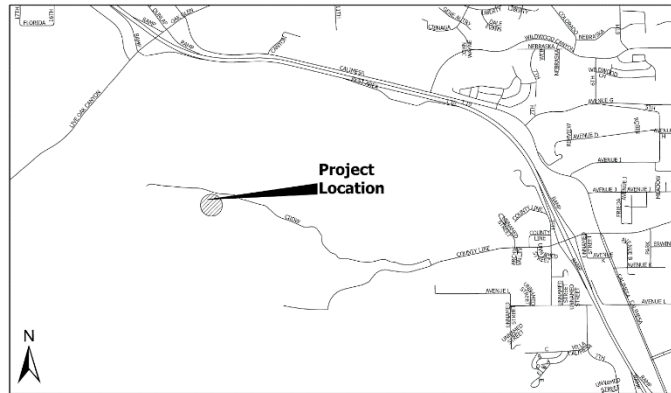
- Expand the WRWRF from a 6 mgd plant to an 8 mgd plant
- Expand the RO system from 2.25 mgd to a full 7.0 mgd.
- Add Advanced Oxidation Processes to produce recycled water that will meet Groundwater Recharge Regulation Article 5.2
- Increase RO concentration recovery from 80 percent to 92 percent
- Expansion of the secondary clarifiers to increase the detention rate and improve setting while planning for increased flows.
- Treat and reuse wastewater for multiple beneficial uses to meet existing and future needs within the District's service area
- Increase groundwater replenishment opportunities in the Yucaipa subbasin with recycled water resources
- Increase the use of recycled water to continue efforts toward resolving regional water supply challenges in a cost effective and environmentally responsible manner
- Increase local water supply operational flexibility within the upper Santa Ana River watershed region to advance the integrated water management objectives of the District and the region

The construction of the SAGE project will occur in two phases. Phase 1 will include the necessary modification in facilities, buildings and associated equipment for operation at a capacity of up to 6.0 mgd. Phase 2 will increase to operating capacity to 8.0 mgd. This project will increase the production of recycled water from 2.25 mgd to 4 mgd, producing an additional 1,680 acre-feet of recycled water annually at the completion of the SAGE project. At maximum capacity of wastewater treatment, the Wochholz Regional Water Recycling Facility (WRWRF) plant production of recycled water is estimated to be 5,040 acre-feet annually.

YUCAIPA VALLEY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

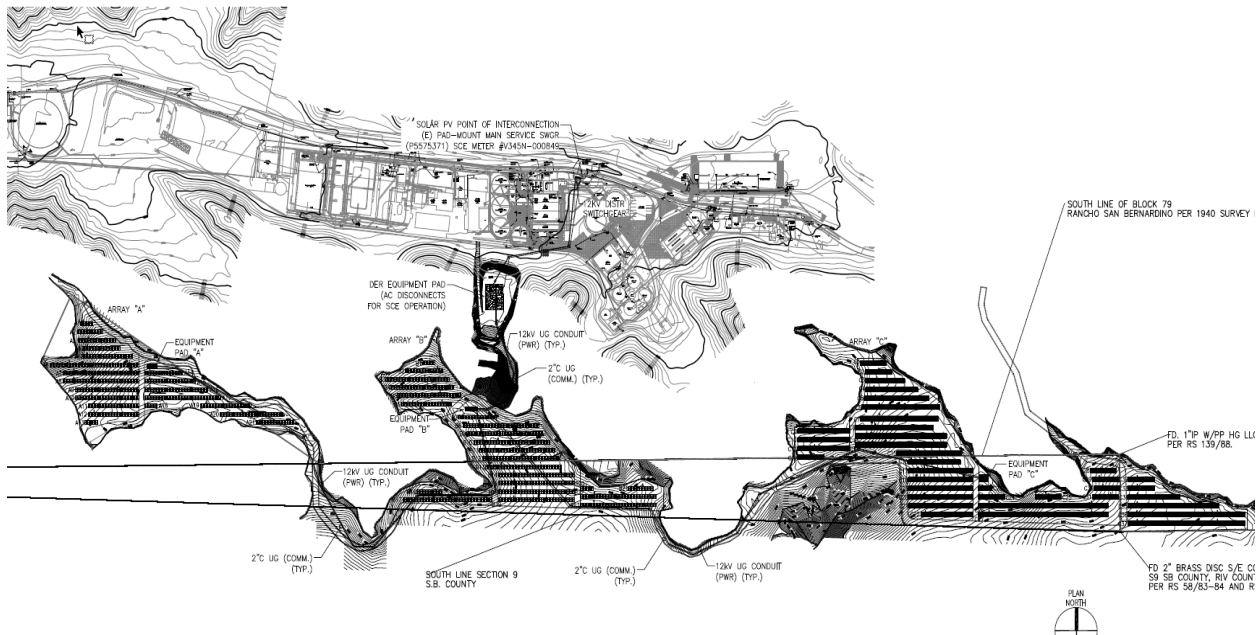
Project	Energy Resiliency Project – Wochholz Regional Water Recycling Facility		
Fund	Wastewater	Projected Dates	2021-26
Elements #	91024	Priority	Important

FUNDING SOURCE	
Reserves/Depreciation	\$ 0
Development Impact Fees	\$ 0
Federal Participation	\$ 7,829,215
State Participation	\$ 0
Bond Financing	\$ 0
Local Matching	\$ 0
Other Funds	\$ 25,585,537
Total	\$ 33,414,752



Project Overview:

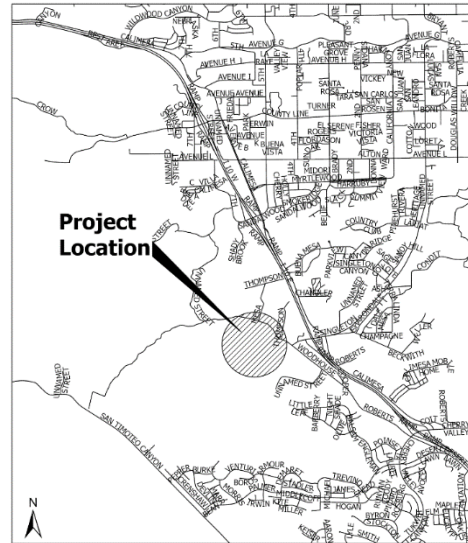
The installation of a micro-grid energy solution to provide energy resilience through a power purchase agreement (PPA) with Engie Services. The PPA will include installation, equipment, and maintenance of the required equipment. The construction cost of the project includes; roadway grading, roadway improvements, interconnection costs, and natural gas service.



YUCAIPA VALLEY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

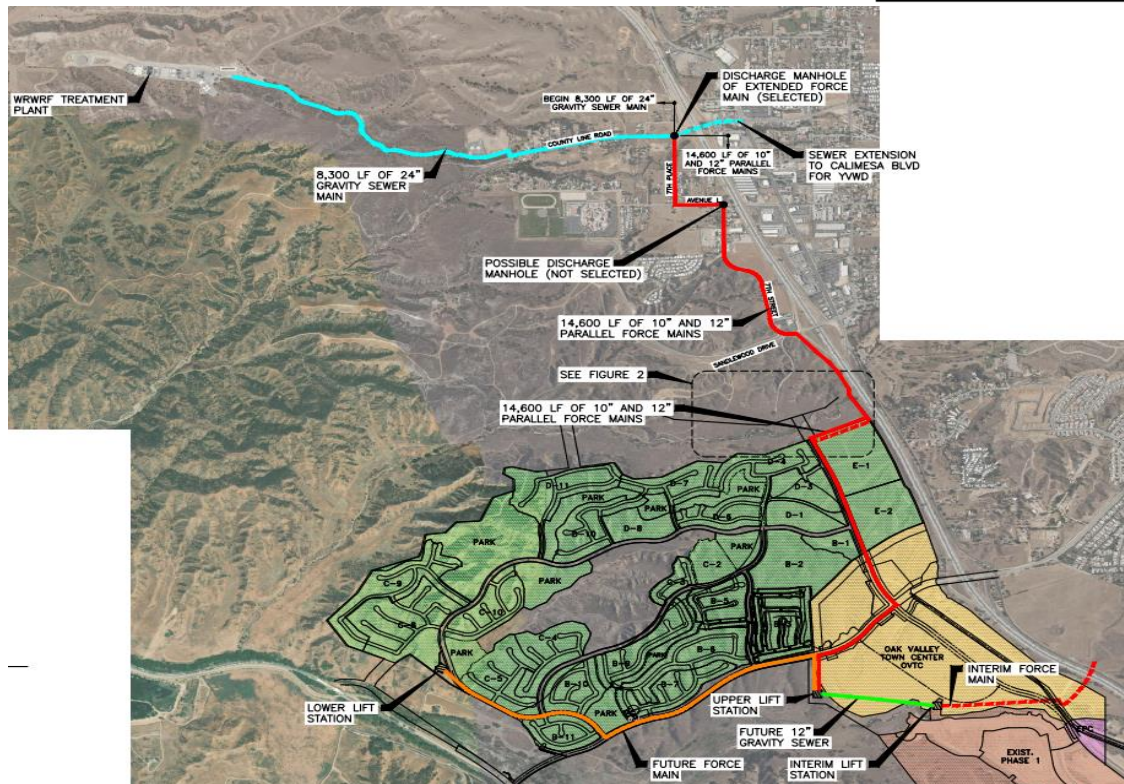
Project	Oak Valley Sewer Lift Station, Force Mainlines and Gravity System Improvements-Phase I		
Fund	Wastewater	Projected Dates	2022-26
Elements #	81279	Priority	Necessary

FUNDING SOURCE	
Reserves/Depreciation	\$ 0
Development Impact Fees	\$ 0
Federal Participation	\$ 11,196,626
State Participation	\$ 0
Bond Financing	\$ 0
Local Matching	\$ 0
Other Funds	\$ 0
Total	\$ 11,196,626



LOCATION MAP

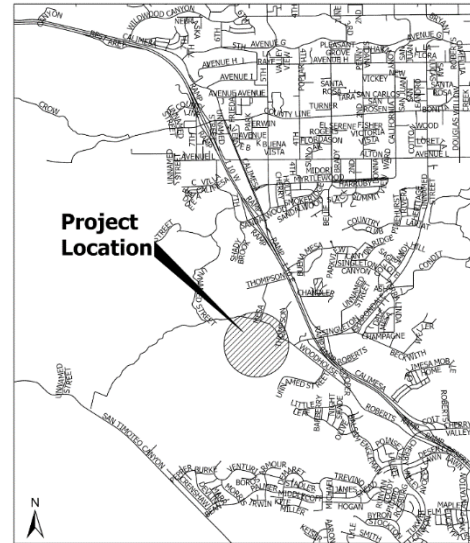
Project Description: The residential and commercial developments of Summerwind and the Oak Valley Town Center within the City of Calimesa require major offsite improvements to existing infrastructure. The District will design two sewer lift stations, various force-mains, and gravity-mains to provide sewer service to this development. Developer (SCIP) funding will reimburse portions of the project and construction costs.



YUCAIPA VALLEY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

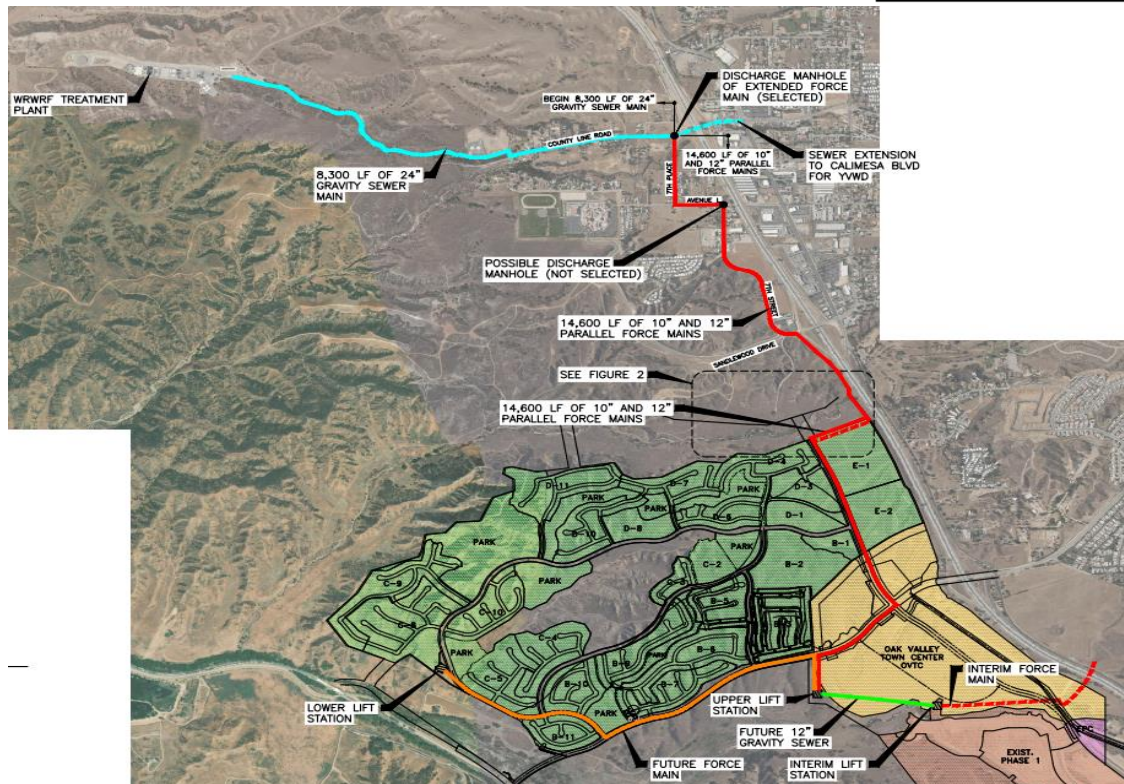
Project	Oak Valley Sewer Lift Station, Force Mainlines and Gravity System Improvements-Phase II		
Fund	Wastewater	Projected Dates	2025-28
Elements #	81279	Priority	Necessary

FUNDING SOURCE	
Reserves/Depreciation	\$ 0
Development Impact Fees	\$ 0
Federal Participation	\$ 8,415,452
State Participation	\$ 0
Bond Financing	\$ 0
Local Matching	\$ 0
Other Funds	\$ 21,713,060
Total	\$ 30,128,512



LOCATION MAP

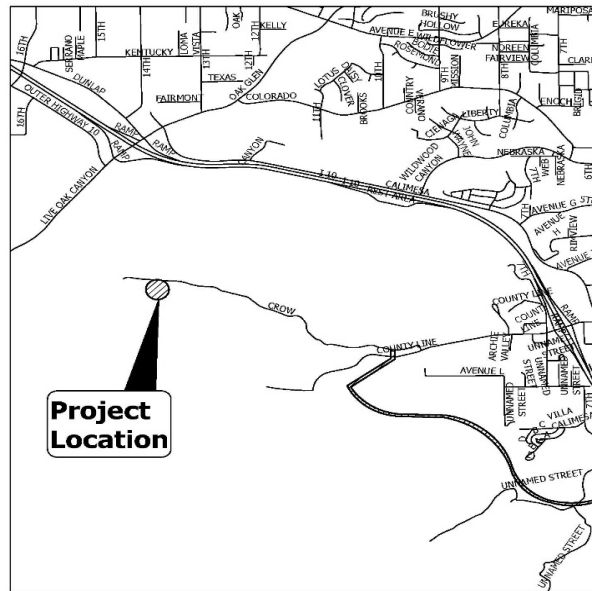
Project Description: The residential and commercial developments of Summerwind and the Oak Valley Town Center within the City of Calimesa require major offsite improvements to existing infrastructure. The District will design two sewer lift stations, various force-mains, and gravity-mains to provide sewer service to this development. Developer (SCIP) funding will reimburse portions of the project and construction costs.



YUCAIPA VALLEY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

Project	SCADA Upgrades – Wastewater Treatment Facilities (WRWRF)		
Fund	Wastewater	Projected Dates	2022-26
Elements #	97012	Priority	Important

FUNDING SOURCE	
Reserves/Depreciation	\$ 0
Development Impact Fees	\$ 2,000,000
Federal Participation	\$ 0
State Participation	\$ 0
Bond Financing	\$ 0
Local Matching	\$ 0
Other Funds	\$ 1,655,000
Total	\$ 3,655,000



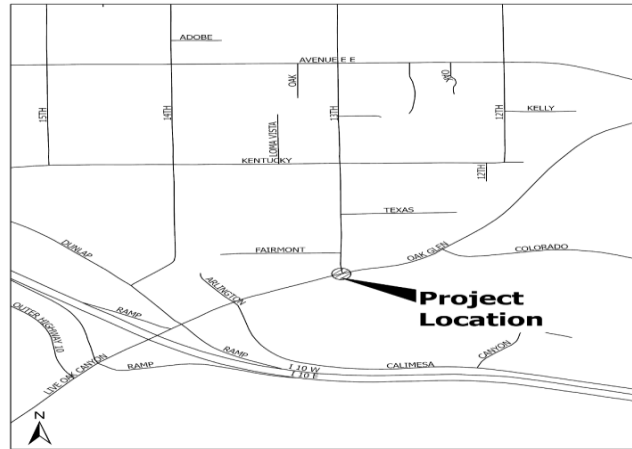
Project Description: The Supervisory Control and Data Acquisition (SCADA) system consists of field devices, centralized computerized systems and network connected assets that serves as a tool for controlling and monitoring system operations at the Wochholz Regional Water Recycling Facility. This project will implement upgrades to the existing SCADA network by replacing the existing workstation hardware and the existing system hardware with a new operation system that will increase security measures and prolong the life of the SCADA system.



YUCAIPA VALLEY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

Project	Oak Glen Road Sewer Pipeline		
Fund	Wastewater	Projected Dates	2028-29
Elements #	95212	Priority	Important

FUNDING SOURCE	
Reserves/Depreciation	\$ 0
Development Impact Fees	\$ 650,000
Federal Participation	\$ 0
State Participation	\$ 0
Bond Financing	\$ 0
Local Matching	\$ 0
Other Funds	\$ 0
Total	\$ 650,000



LOCATION MAP

Project Background: Developer has interest in constructing a hotel and gas station on Oak Glen Road at the terminus of Colorado Street. The location of the development does not currently have access to a sewer line. This installation will make the connection from the future development toward the existing sewer in 14th Street. The sewer in 14th street is currently dry and needs to be connected via the Bore and Jack project.

Project Overview: Installation of approximately 2,000 linear feet of 15” sewer mainline as shown as the dashed red line in the figure below.

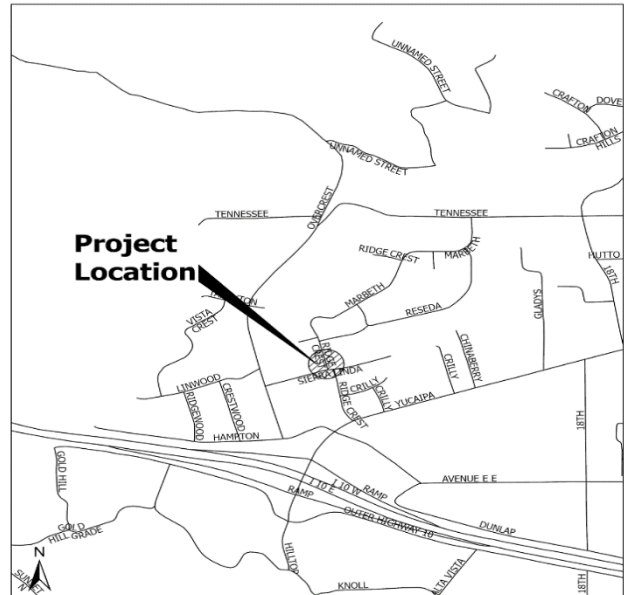
District Benefit: Future connection and facility capacity fee collection.



YUCAIPA VALLEY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

Project	Tract 20415 Sewer Mainline Extension		
Fund	Wastewater	Projected Dates	2028-29
Elements #	95271	Priority	Necessary

FUNDING SOURCE	
Reserves/Depreciation	\$ 0
Development Impact Fees	\$ 300,000
Federal Participation	\$ 0
State Participation	\$ 0
Bond Financing	\$ 0
Local Matching	\$ 0
Other Funds	\$ 0
Total	\$ 300,000



LOCATION MAP

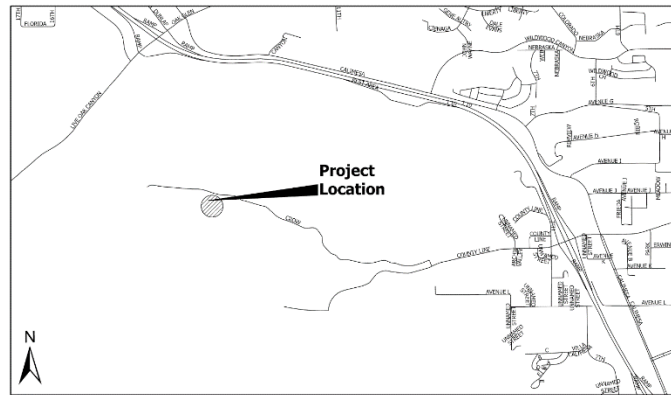
Project Description: Sewer mainline extension in Ridge Crest Drive, north of Yucaipa Boulevard, in the City of Yucaipa. The sewer mainline extension will connect the existing sewer collection system to the future Tract No. 20415. The sewer mainline will be approximately 750 linear feet in length and 8-inch diameter, vitrified clay pipe. The completed sewer will provide the opportunity for residents along the route to connect to the collection system, removing septic systems from the area.



YUCAIPA VALLEY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

Project	Replacement DAF Equipment		
Fund	Wastewater	Projected Dates	2028-29
Elements #	95902	Priority	Important

FUNDING SOURCE	
Reserves/Depreciation	\$ 1,000,000
Development Impact Fees	\$ 0
Federal Participation	\$ 0
State Participation	\$ 0
Bond Financing	\$ 0
Local Matching	\$ 0
Other Funds	\$ 0
Total	\$ 1,000,000



LOCATION MAP

Project Description: The Wochholz Regional Water Recycling Facility (WRWRF) uses a Dissolved Air Flotation (DAF) system. This unit purpose is to thicken sludge, remove suspended solids, fats, oils, greases and non-soluble organics by a process of dissolving air into water under pressure. The process begins with the water to be treated entering the DAF through an influent header box that reduces velocity and distributes the water across the length of the vessel. In order to optimize treatment, the influent header box is designed with multiple points at which whitewater, a highly saturated pressurized stream of air and recycled DAF effluent, and flocculant, where applicable, are injected. Whitewater is a mixture of a portion of the DAF effluent, which has been saturated with atmospheric air via the DAG air dissolving technology. Wastewater then enters the flotation zone and microbubbles from the whitewater attach to the particle surface and affect the particle density, causing the suspended solids to float to the surface of the DAF where they are skimmed by a chain and flight and separated into the sludge hopper. The treated wastewater is continuously removed at several points inside the DAF and discharges over pipe weirs into an effluent chamber. From there, it flows out of the DAF. The thickened sludge is then fed to the digesters for further stabilization.



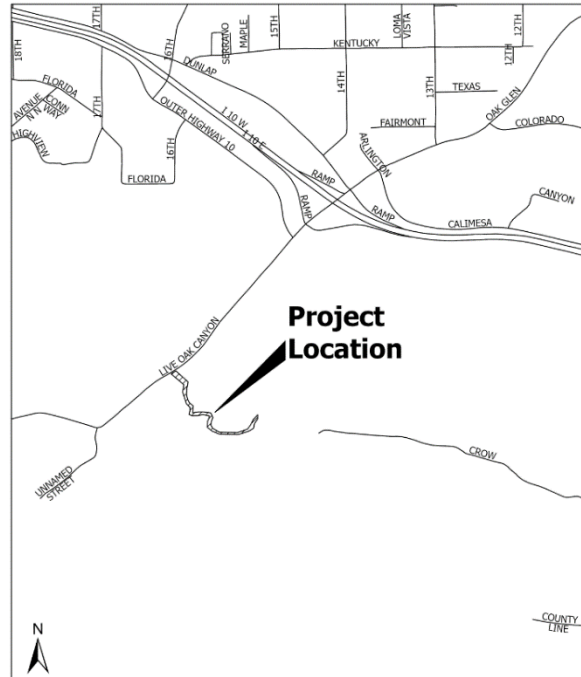
YUCAIPA VALLEY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

Project	Fencing at WRWRF exit to Live Oak Canyon Road		
Fund	Wastewater	Projected Dates	2028-29
Elements #	TBD	Priority	Important

FUNDING SOURCE	
Reserves/Depreciation	\$ 100,000
Development Impact Fees	\$ 0
Federal Participation	\$ 0
State Participation	\$ 0
Bond Financing	\$ 0
Local Matching	\$ 0
Other Funds	\$ 0
Total	\$ 100,000

Project Description:

Wochholz Regional Water Recycling Facility (WRWRF) current entrance is at 880 W. County Line Road. The County Line Road entrance will soon have extensive construction to increase the size of the plant's influent sewer force main, re-run potable drinking water pipelines and install a natural gas pipeline for natural gas generators. The Live Oak Road entrance will provide an additional secured plant entrance while construction is ongoing on the current main entrance.



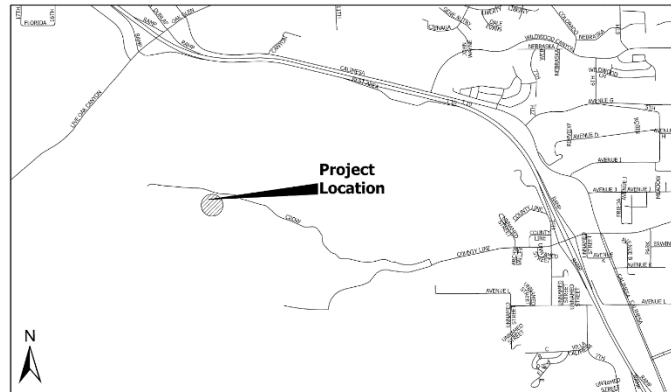
LOCATION MAP



YUCAIPA VALLEY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

Project	Digester Feed Valve and Actuator		
Fund	Wastewater	Projected Dates	2028-29
Elements #	TBD	Priority	Important

FUNDING SOURCE	
Reserves/Depreciation	\$ 215,000
Development Impact Fees	\$ 0
Federal Participation	\$ 0
State Participation	\$ 0
Bond Financing	\$ 0
Local Matching	\$ 0
Other Funds	\$ 0
Total	\$ 215,000



LOCATION MAP

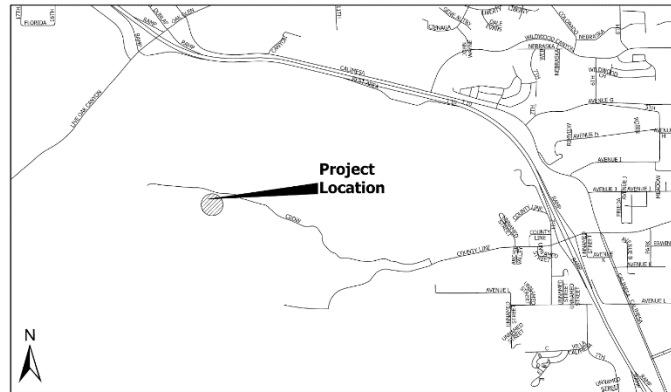
Project Description: Wochholz Regional Water Recycling Facility (WRWRF) uses eight total digester feed valves and actuators. The feed valves are programmed to evenly distribute thickened waste sludge from the DAF into the 4 online digesters to ensure that short circuiting is not taking place within the digesters. As of now, 3 of the actuators have burned up and been replaced with the new Auma SQ series. The old actuator series are out of date and slowly failing so we need to anticipate changing them. Each actuator is connected to a discontinued plug valve, and those are beginning to wear out as well. The new model flange has been changed and as a result, new brackets and stems need to be fabricated to seamlessly integrate the new setup.



YUCAIPA VALLEY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

Project	Belt Press Building Rehabilitation		
Fund	Wastewater	Projected Dates	2028-29
Elements #	TBD	Priority	Important

FUNDING SOURCE	
Reserves/Depreciation	\$ 50,000
Development Impact Fees	\$ 0
Federal Participation	\$ 0
State Participation	\$ 0
Bond Financing	\$ 0
Local Matching	\$ 0
Other Funds	\$ 0
Total	\$ 50,000



LOCATION MAP

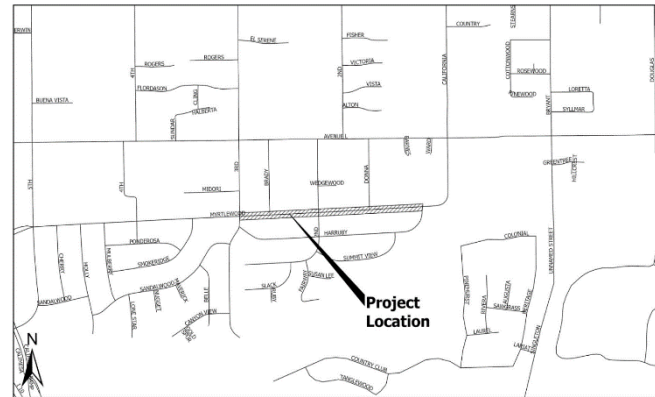
Project Description: At Wochholz Regional Water Recycling Facility (WRWRF) belt filter presses are mechanical dewatering equipment used to dewater biosolids generated from the digesters. The existing belt press building is in need of rehabilitation. The building's interior walls, structures and pipes need to be repainted. There are also multiple roof leaks that need to be resealed and ceiling tile replaced.



YUCAIPA VALLEY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

Project	Myrtlewood Drive Sewer Installation		
Fund	Wastewater	Projected Dates	2028-29
Elements #	89722	Priority	Important

FUNDING SOURCE	
Reserves/Depreciation	\$ 650,000
Development Impact Fees	\$ 0
Federal Participation	\$ 0
State Participation	\$ 0
Bond Financing	\$ 0
Local Matching	\$ 0
Other Funds	\$ 0
Total	\$ 650,000



LOCATION MAP

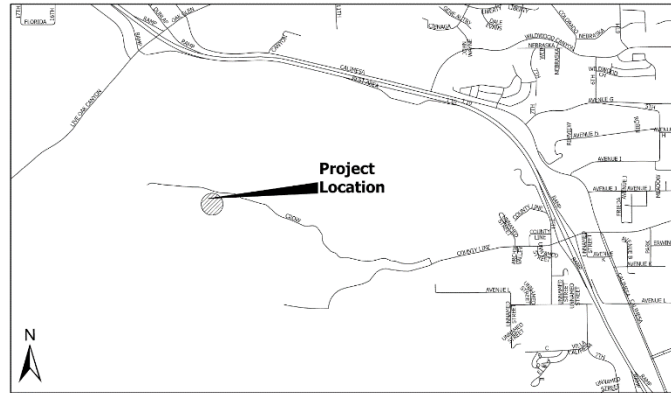
Project Description: Sewer mainline extension in Myrtlewood Drive between Third Street and California Street in the City of Calimesa. This sewer extension of the existing sewer collection system would coordinate with the drinking water pipeline in this same segment of roadway. By installing both water and sewer in the roadway simultaneously, the District would be able to save paving costs to repair the road. The completed sewer will provide the opportunity for residents along the route to connect to the collection system, removing septic systems from the area.



YUCAIPA VALLEY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

Project	Digester Boiler Replacement and Cleaning		
Fund	Wastewater	Projected Dates	2028-29
Elements #	89991	Priority	Important

FUNDING SOURCE	
Reserves/Depreciation	\$ 1,000,000
Development Impact Fees	\$ 0
Federal Participation	\$ 0
State Participation	\$ 0
Bond Financing	\$ 0
Local Matching	\$ 0
Other Funds	\$ 0
Total	\$ 1,000,000



LOCATION MAP

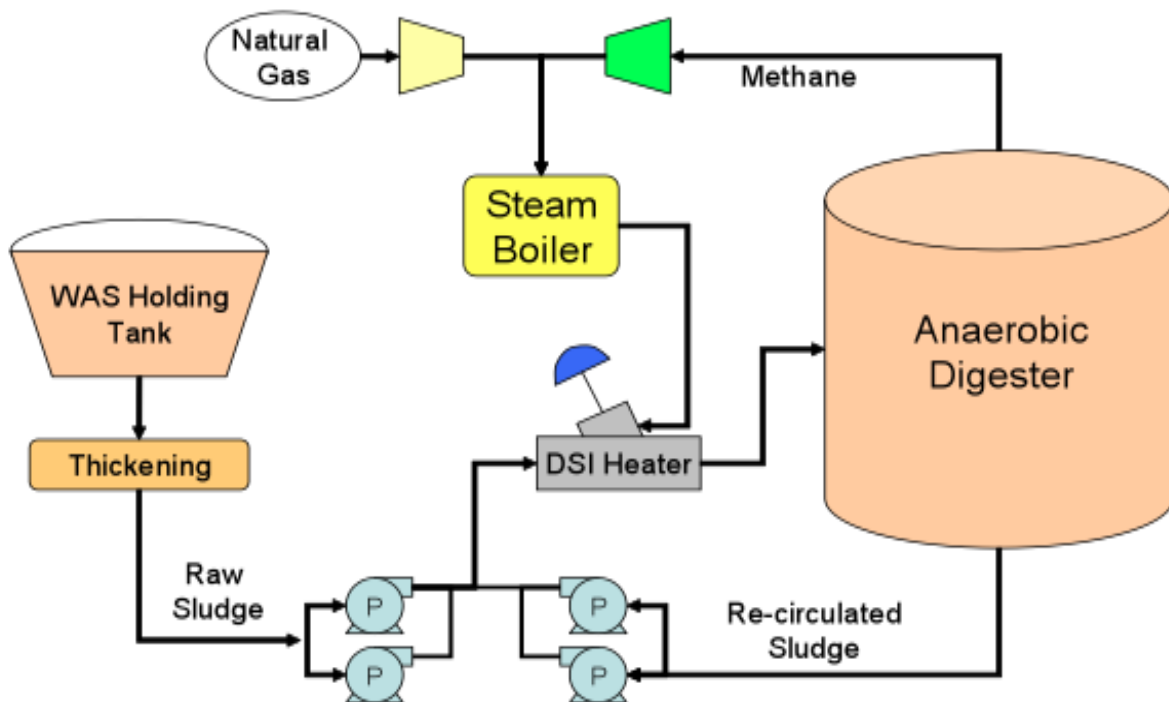
Project Description: The process of sludge digestion produces digester gas from solids settled and collected from the wastewater flow. This process is corrosive and results in accumulation of non-organic materials in the digesters. Typically, digesters are emptied for inspection and removal of non-organic accumulated materials every ten years. Cleaning, inspection and interior/exterior coating of digester covers was completed in fiscal year 2004. Extensive corrosion in the metal covers was repaired at that time.



While the digesters are down for cleaning, it would be the most opportune time to replace the existing digester's heat exchangers. In anaerobic digestion, heat is added to stimulate the biological activity which accelerates the digestion process. Most anaerobic digesters use heat exchangers that transfer heat from hot water to sludge without mixing the liquids. The water is heated with a boiler.



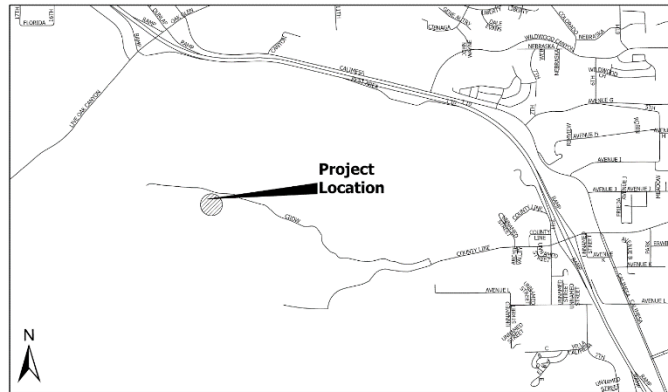
Anaerobic Digestion



YUCAIPA VALLEY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

Project	Backwash Return Basin Pump Replacement and Relocation		
Fund	Wastewater	Projected Dates	2028-29
Elements #	TBD	Priority	Important

FUNDING SOURCE	
Reserves/Depreciation	\$ 50,000
Development Impact Fees	\$ 0
Federal Participation	\$ 0
State Participation	\$ 0
Bond Financing	\$ 0
Local Matching	\$ 0
Other Funds	\$ 0
Total	\$ 50,000



LOCATION MAP

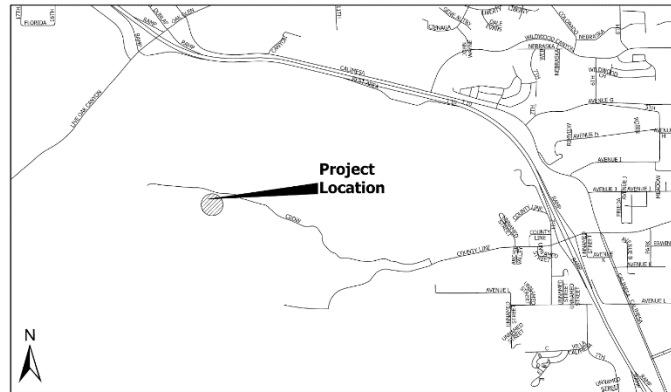
Project Description: Backwash return basin pump replacement and increase sizing from 2 inches to 4 inches. Relocation to a more accessible location. As we return more water to backwash return basin pump size will need to increase to handle anymore flow. We will need to evaluate for SAGE project.



YUCAIPA VALLEY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

Project	Methane Waste Gas Flare		
Fund	Wastewater	Projected Dates	2028-29
Elements #	TBD	Priority	Important

FUNDING SOURCE	
Reserves/Depreciation	\$ 1,300,000
Development Impact Fees	\$ 0
Federal Participation	\$ 0
State Participation	\$ 0
Bond Financing	\$ 0
Local Matching	\$ 0
Other Funds	\$ 0
Total	\$ 1,300,000



LOCATION MAP

Project Description:

Anaerobic digesters are utilized at the Wochholz Regional Recycling Facility (WRWRF) to process primary and secondary waste sludge solids. Methane gas is produced as a primary by-product of the digester process. In turn, methane gas produced is used to both heat and mix the digesters. The excess methane gas produced over and above that needed for mixing and heating is sent to a waste gas burner, which burns the gas to atmosphere. A secondary gas



by-product of this process is hydrogen sulfide. New AQMD flare discharge permit limits require our flare discharge to be limits of 0.06 or 0.024 NOX. A new enclosed methane waste gas flare or process to limit NOX discharge is require by 2025 per AQMD.

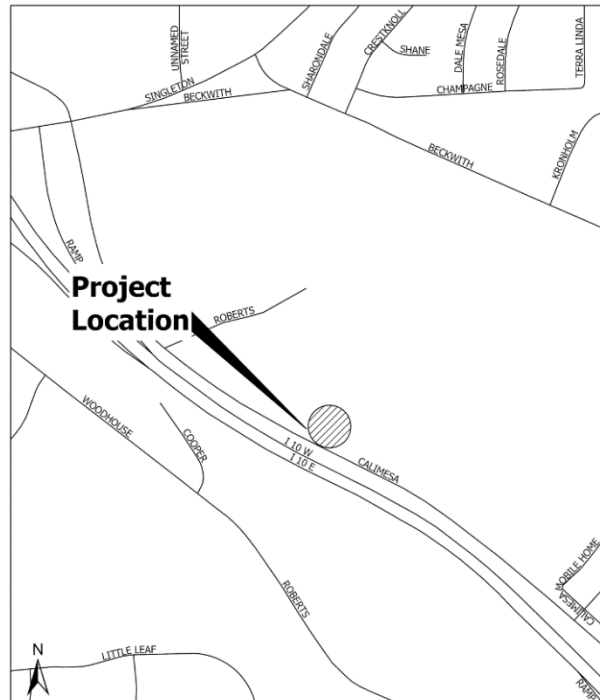
YUCAIPA VALLEY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

Project	Lift Station 2 Replacement/Relocation		
Fund	Wastewater	Projected Dates	2028-29
Elements #	TBD	Priority	Important

FUNDING SOURCE	
Reserves/Depreciation	\$ 1,000,000
Development Impact Fees	\$ 0
Federal Participation	\$ 0
State Participation	\$ 0
Bond Financing	\$ 0
Local Matching	\$ 0
Other Funds	\$ 0
Total	\$ 1,000,000

Project Description:

This project is an upgrade to the lift station. An above ground facility will be installed.



LOCATION MAP

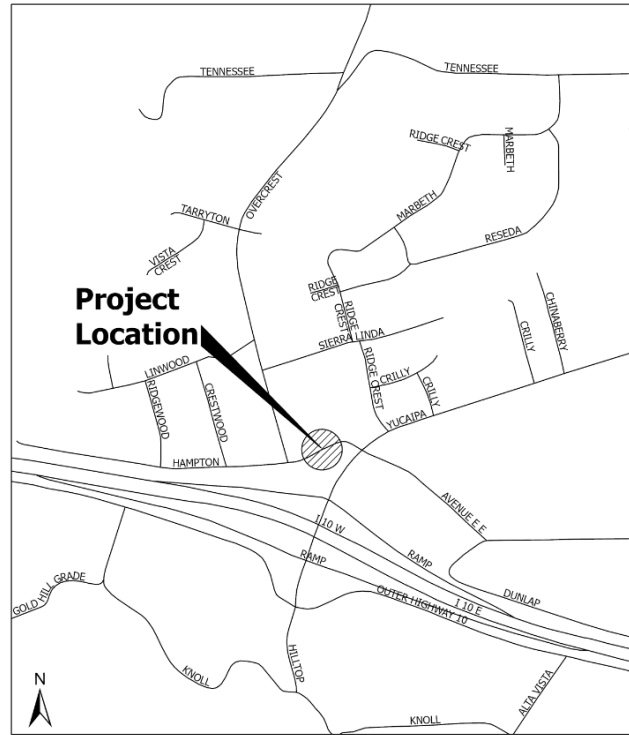
YUCAIPA VALLEY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

Project	Lift Station 8 Replacement/Relocation		
Fund	Wastewater	Projected Dates	2028-29
Elements #	95899	Priority	Important

FUNDING SOURCE	
Reserves/Depreciation	\$ 1,000,000
Development Impact Fees	\$ 0
Federal Participation	\$ 0
State Participation	\$ 0
Bond Financing	\$ 0
Local Matching	\$ 0
Other Funds	\$ 0
Total	\$ 1,000,000

Project Description:

Replacement of existing Lift Station near Starbucks in Hampton Road and Yucaipa Boulevard.



LOCATION MAP

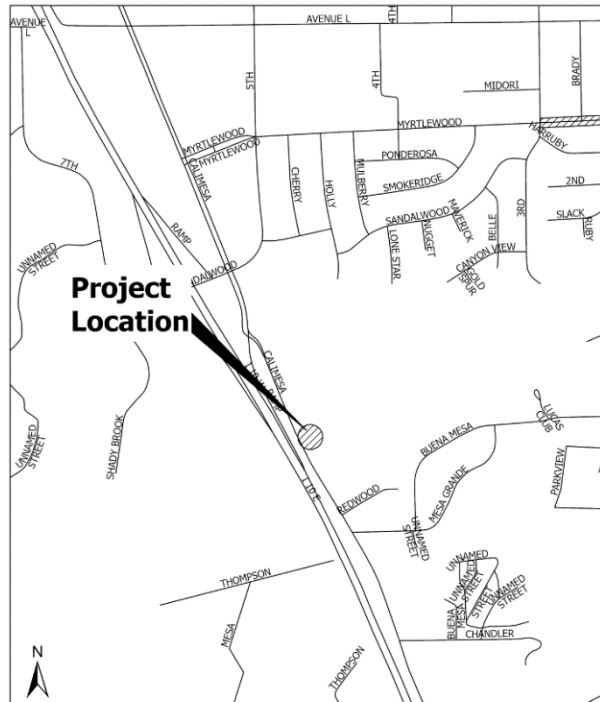
YUCAIPA VALLEY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

Project	Lift Station 4 Replacement/Relocation		
Fund	Wastewater	Projected Dates	2028-29
Elements #	TBD	Priority	Important

FUNDING SOURCE	
Reserves/Depreciation	\$ 1,000,000
Development Impact Fees	\$ 0
Federal Participation	\$ 0
State Participation	\$ 0
Bond Financing	\$ 0
Local Matching	\$ 0
Other Funds	\$ 0
Total	\$ 1,000,000

Project Description:

This project is an upgrade to the lift station. An above ground facility will be installed.



LOCATION MAP

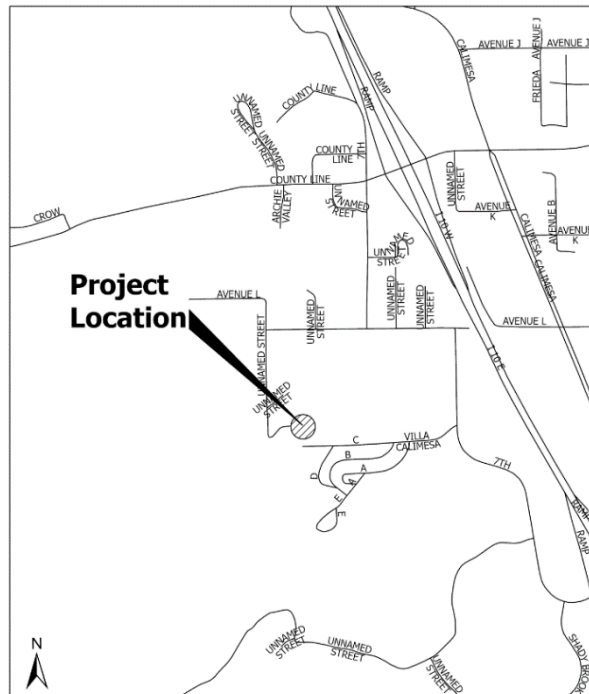
YUCAIPA VALLEY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

Project	Lift Station 3 Upgrade		
Fund	Wastewater	Projected Dates	2028-29
Elements #	TBD	Priority	Important

FUNDING SOURCE	
Reserves/Depreciation	\$ 1,200,000
Development Impact Fees	\$ 0
Federal Participation	\$ 0
State Participation	\$ 0
Bond Financing	\$ 0
Local Matching	\$ 0
Other Funds	\$ 0
Total	\$ 1,200,000

Project Description:

This project is an upgrade to the lift station. An above ground facility will be installed.



LOCATION MAP

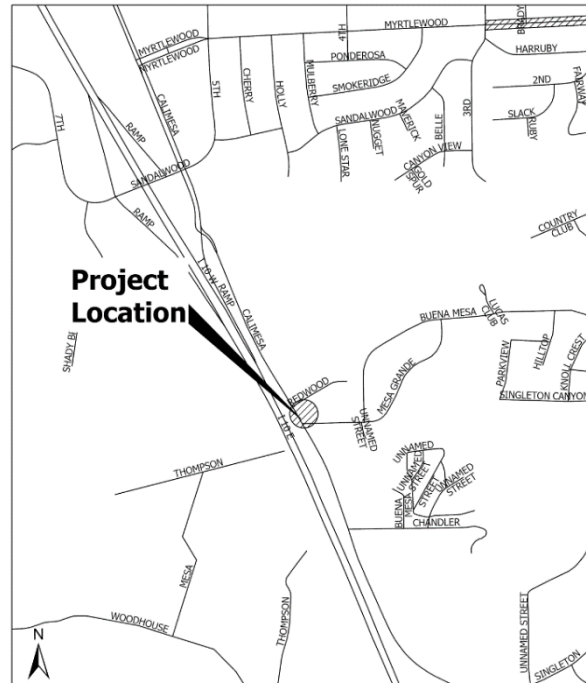
YUCAIPA VALLEY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

Project	Sewer Mainline Deficiency – Calimesa Boulevard (Pipeline)		
Fund	Wastewater	Projected Dates	2028-29
Elements #	TBD	Priority	Important

FUNDING SOURCE	
Reserves/Depreciation	\$ 1,200,000
Development Impact Fees	\$ 0
Federal Participation	\$ 0
State Participation	\$ 0
Bond Financing	\$ 0
Local Matching	\$ 0
Other Funds	\$ 0
Total	\$ 1,200,000

Project Description:

This project involves the replacement of 1,545 feet of 8-inch diameter pipe with 12-inch diameter pipe on Calimesa Boulevard, extending south from Lift Station 2. The project is necessary to meet the District’s design criteria.



LOCATION MAP

injection well (IW-1) and one monitoring well (MW-1) for the purpose of acquiring objective aquifer data and to determine site-specific groundwater level effects from proposed future recycled water injection. The data collected during pumping and injection tests will be used to refine current groundwater model parameters and to determine baseline basin groundwater quality in the zones where future injection wells are planned to be constructed. The monitoring well will be placed at a targeted location to better refine estimates of aquifer characteristics, mounding effects, and travel times. Results from this study, along with feedback from Yucaipa Valley Water District (YVWD) and Oak Valley Partners, will be used to select the optimal placement of the remaining four proposed injection wells that will be constructing in this phase (Phase 1) and two recovery wells that will be constructed in Phase 2.



Part of the proposed work includes geochemical analysis of the potential effects of recycled water injectate into the future Oak Valley Town Center site. The purpose of this study will be to evaluate any potential adverse effects from recycled water injection based on injection water and site-specific aquifer water chemistries and lithologic data. An expert in soil science and geochemistry with experience in injection and recovery projects will be consulted to offer procedural recommendations for addressing any potential water quality issues.

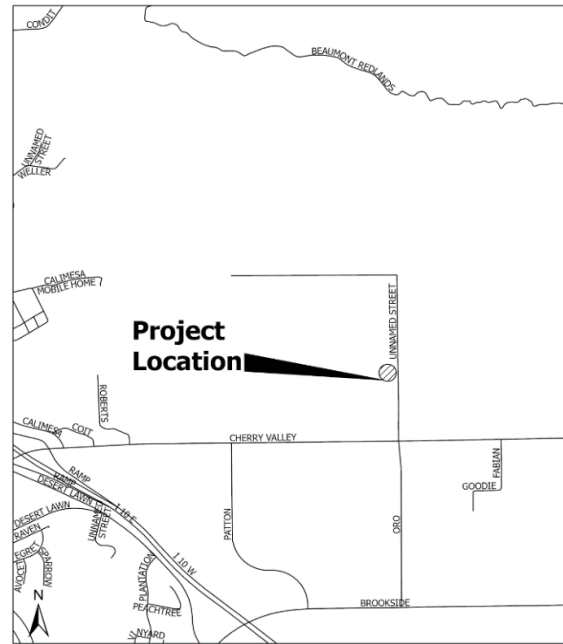
Additionally, a geotechnical engineering firm has been consulted to evaluate any potential shallow soil impacts from recycled water injection into the deep aquifer at the proposed site adjacent to the I-10 freeway.

Following the Aquifer Storage and Recovery Project Phase 1, this project will include the construction and installation of the 2 production wells. When finished, these wells will be used to recover up to 2,490 acre-ft of drinking water each year for use in Yucaipa and Calimesa. The placement of the proposed drinking water productions wells is preliminary. The strategic location of these wells correlates to the location of the four (4) recycled water injection wells. The appropriate amount of travel time will be ensured for recovery of the previously injected recycled water to be pumped as drinking water from these two wells.

YUCAIPA VALLEY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

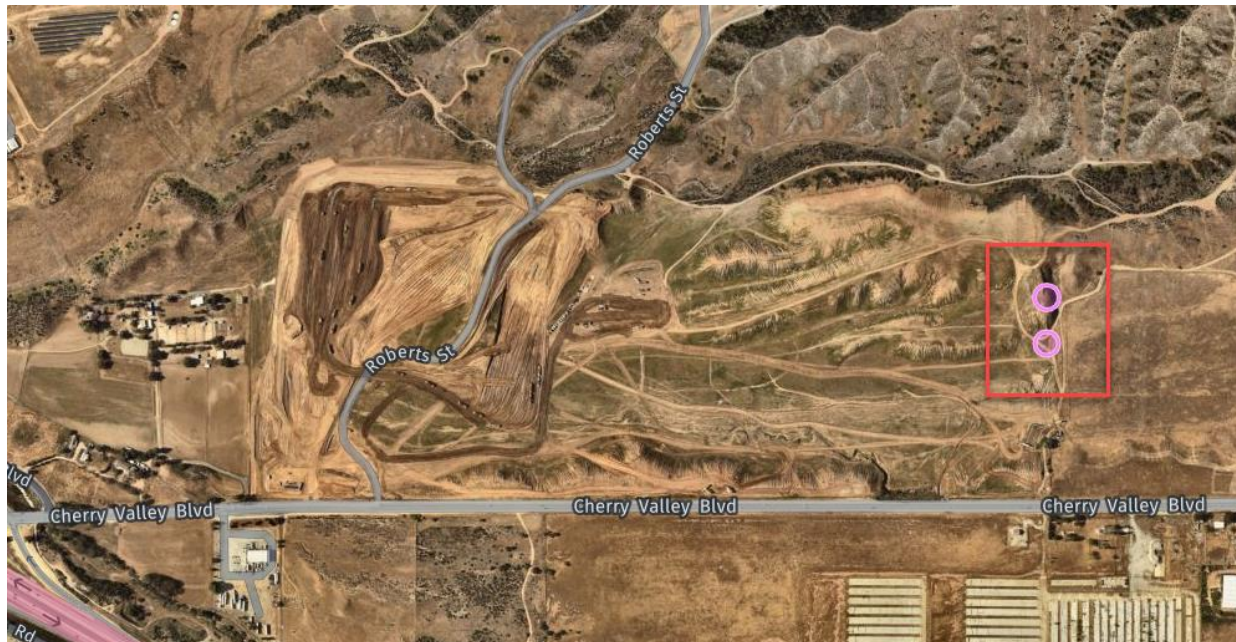
Project	Recycled Water Reservoir R-12.5 Complex (2 – 1.0 MG)		
Fund	Recycled	Projected Dates	2022-26
Elements #	95916	Priority	Critical

FUNDING SOURCE	
Reserves/Depreciation	\$ 2,300,000
Development Impact Fees	\$ 0
Federal Participation	\$ 0
State Participation	\$ 0
Bond Financing	\$ 0
Local Matching	\$ 2,664,500
Other Funds	\$ 0
Total	\$ 4,964,500



LOCATION MAP

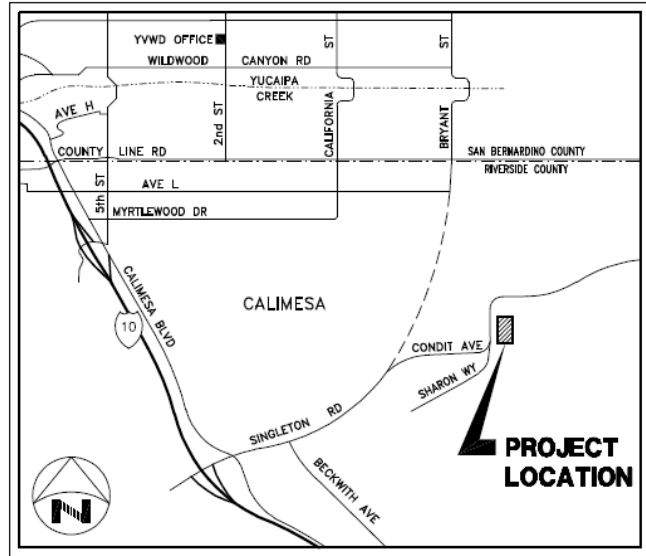
Project Description: Installation of 2 recycled water reservoirs located within the commercial warehouse development (I-10 Logistics) fronting Cherry Valley Boulevard in the City of Calimesa. The reservoirs will be connected to the 12-zone recycled system and will be 1,000,000 gallons each. The location of this site will balance the 12-zone recycled demand within the distribution system. This commercial warehouse development where this site is located is currently under construction and will be utilizing recycled water where applicable.



YUCAIPA VALLEY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

Project	Recycled Water Reservoir at the R-11.4 Reservoir Complex		
Division	Recycled	Projected Dates	2025-28
Elements #	104425	Priority	Important

FUNDING SOURCE	
Reserves/Depreciation	\$ 0
Development Impact Fees	\$ 0
Federal Participation	\$ 0
State Participation	\$ 0
Bond Financing	\$ 0
Local Matching	\$ 0
Other Funds	\$ 15,068,044
Total	\$ 15,068,044



Project Background:

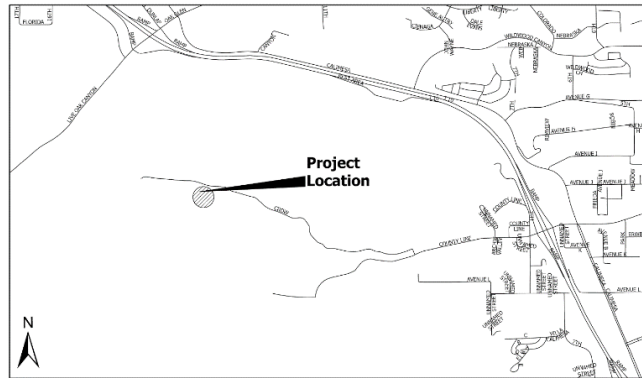
The larger project will provide both drinking and recycled water to the future developments within the City of Calimesa as an expansion of the pressure zone (11) service area. This specific project will consist of a single 5.5 million gallon (MG) reinforced concrete recycled water storage reservoir. Off-site pipelines will need to be installed to provide service to the reservoir complex and a separate project will be used to construct the drinking water storage reservoir. Both reservoirs are shown in the figure below for reference but in summary, only one reservoir will be constructed within this project.



YUCAIPA VALLEY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

Project	Recycled Water Booster Station to Pressure Zone 11 (B-10.3)		
Division	Recycled	Projected Dates	2025-28
Elements #	105489	Priority	Important

FUNDING SOURCE	
Reserves/Depreciation	\$ 0
Development Impact Fees	\$ 0
Federal Participation	\$ 0
State Participation	\$ 0
Bond Financing	\$ 0
Local Matching	\$ 0
Other Funds	\$ 2,060,120
Total	\$ 2,060,120

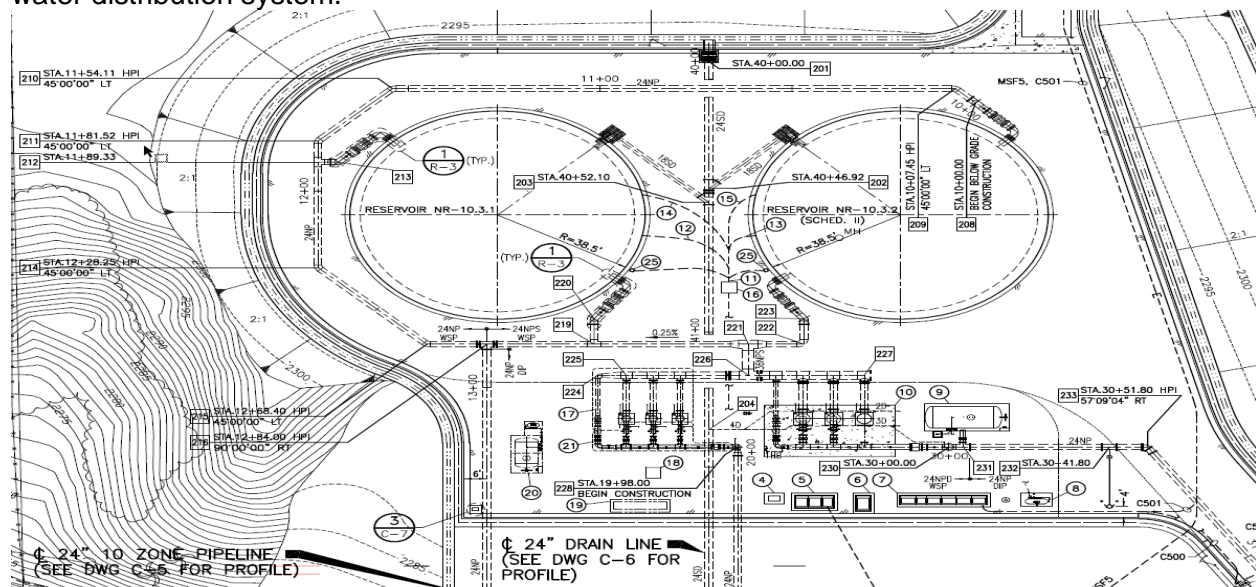


LOCATION MAP

Project Description:

Installation of a recycled water booster station within the existing recycled water 10.3 reservoir and booster complex. The existing 10.3 reservoir and booster complex includes the R-10.3.1 and R-10.3.2 recycled water tanks, each with a capacity of 1-million gallons. The two existing boosters on-site (B-10.3.1, B-10.3.2) both pump to the 12-pressure zone. This project will add three boosters that are designed to pump to the 11-pressure zone within the recycled distribution system. The existing electrical system at the site will need to be upgraded to accommodate for the new pumping equipment.

This project is directly related to the Recycled Water Reservoir R-11.4 Reservoir Complex Project and the Backbone 24-inch Recycled Water Pipeline in Pressure Zone 11 Project. These projects will work together to pump, convey, and store recycled water adding functionality to the recycled water distribution system.



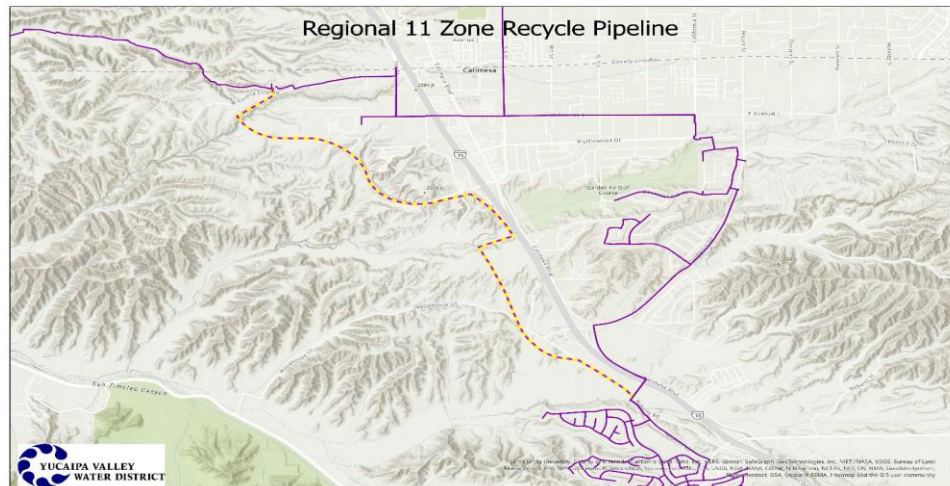
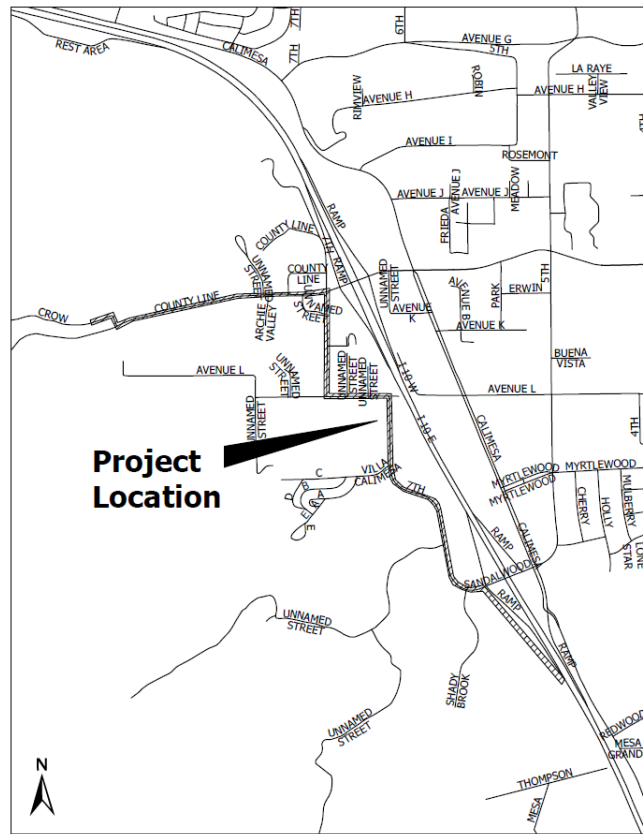
YUCAIPA VALLEY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

Project	Backbone 24" Recycled Water Pipeline in Pressure Zone 11		
Division	Recycled	Projected Dates	2025-28
Elements #	105491	Priority	Important

FUNDING SOURCE	
Reserves/Depreciation	\$ 0
Development Impact Fees	\$ 0
Federal Participation	\$ 0
State Participation	\$ 0
Bond Financing	\$ 0
Local Matching	\$ 0
Other Funds	\$ 9,950,961
Total	\$ 9,950,961

Project Description:

The installation of approximately 18,500 linear feet of 11 zone recycled water pipeline connecting the future booster station at R-10.3 and supplying the future 11 zone pipeline that will ultimately connect to the future R-11.4 reservoir site. This backbone infrastructure will support the development in the City of Calimesa that is using recycled water and is a critical segment that links the aforementioned booster and reservoir. The pipeline will be constructed of 24-inch ductile iron pipe and will follow a similar alignment to the future sewer infrastructure in the area. Generally, the pipeline will be installed into future roadways that are planned with the development areas.



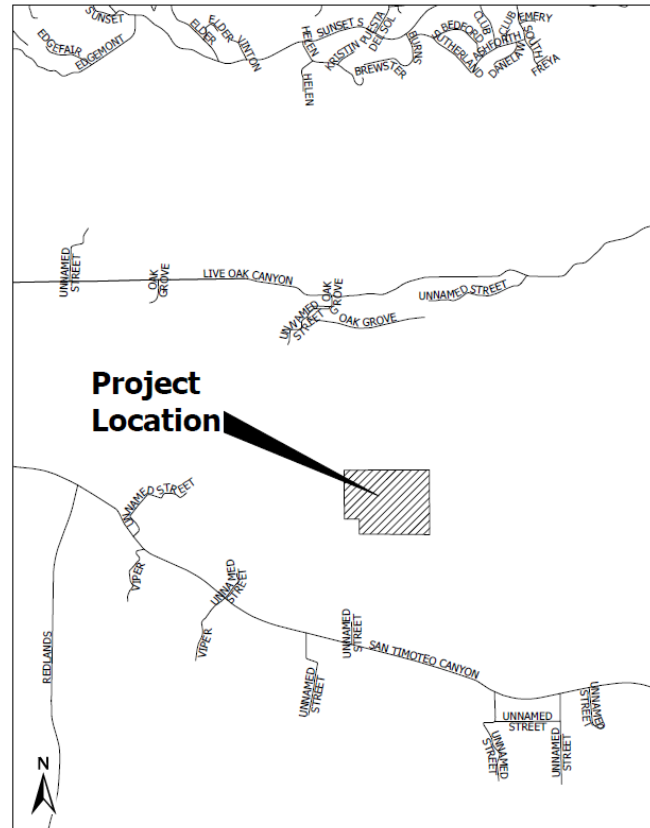
YUCAIPA VALLEY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

Project	Recycled Water Reservoir and Recharge Basins at Resource Ranch		
Division	Recycled	Projected Dates	2025-28
Elements #	105492	Priority	Important

FUNDING SOURCE	
Reserves/Depreciation	\$ 7,664,800
Development Impact Fees	\$ 0
Federal Participation	\$ 0
State Participation	\$ 0
Bond Financing	\$ 0
Local Matching	\$ 0
Other Funds	\$ 0
Total	\$ 7,664,800

Project Description:

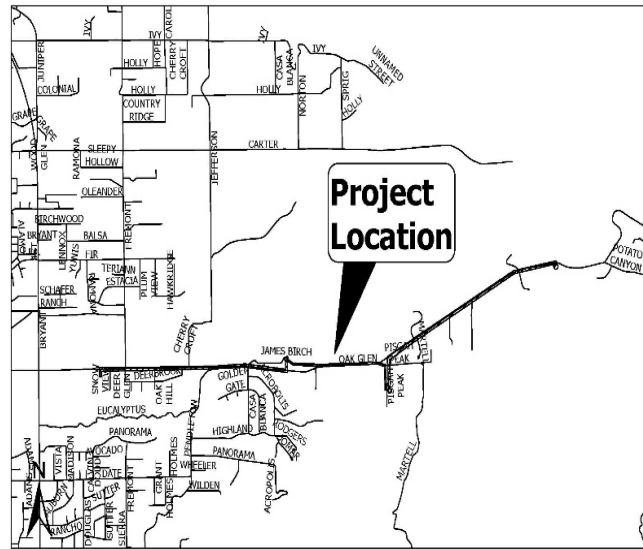
The District owns and operates recycled water infrastructure that crosses a 50-acre parcel, owned by the District. The 50-acre parcel has storm water and recycled water capture opportunities due to its location and topography. The project will include the design and construction of multiple recharge basins on the 50-acre parcel. The recycled water infrastructure that will convey recycled water to the future basins is planned to include site piping, tanks, and diversion structures. The parcel has existing structures that could be utilized for educational programs for the community.



YUCAIPA VALLEY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

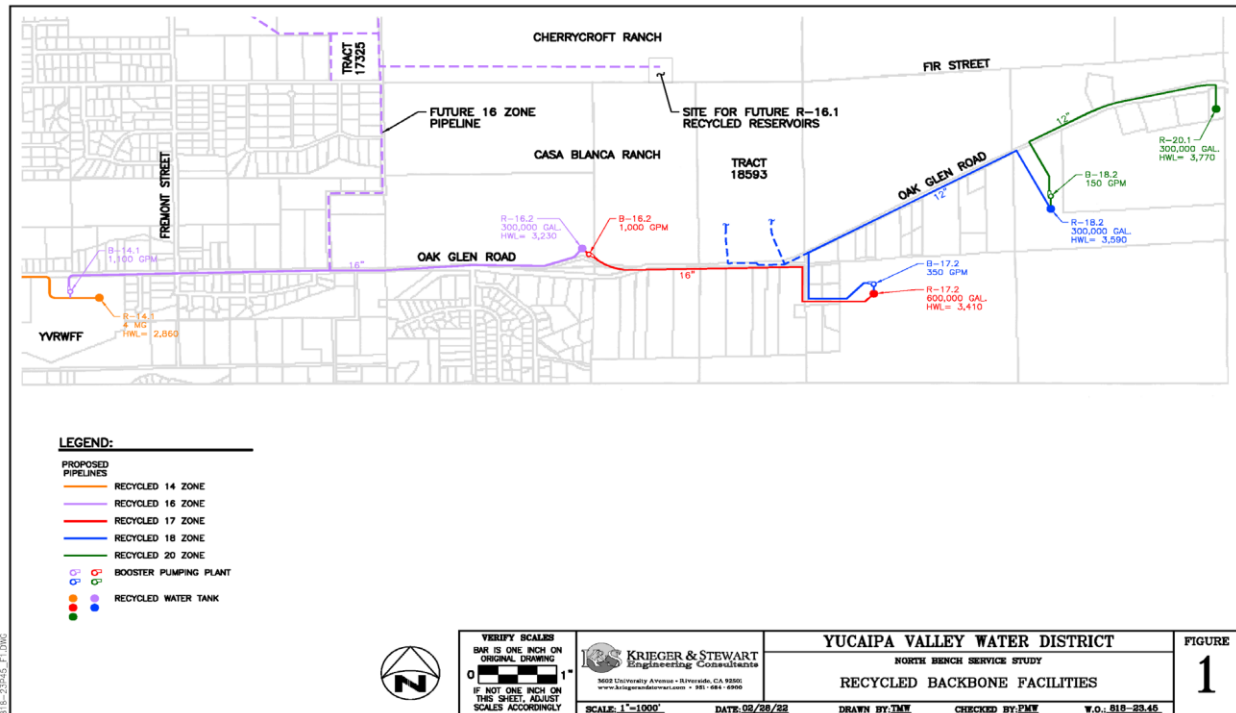
Project	North Bench Recycled Water Project		
Fund	Recycled	Projected Dates	2025-28
Elements #	91817	Priority	Critical

FUNDING SOURCE	
Reserves/Depreciation	\$ 0
Development Impact Fees	\$ 0
Federal Participation	\$ 23,902,970
State Participation	\$ 0
Bond Financing	\$ 0
Local Matching	\$ 0
Other Funds	\$ 0
Total	\$ 23,902,970



Project Description:

This project will provide the North Bench area within the City of Yucaipa (zones 16-20) recycled water backbone infrastructure. As an extension of the current recycled water system, 4 booster stations, 4 reservoirs, and 19,100 linear feet of ductile iron pipe (DIP) will need to be constructed and integrated throughout the North Bench area to accommodate each of the different pressure zones. 11,600 linear feet of the total pipe length will be 16" DIP while the remaining 7,500 linear feet will be 12" DIP. The figure below summarizes the location of the boosters, reservoirs, and pipelines across the four (4) pressure zones of the future system.



YUCAIPA VALLEY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

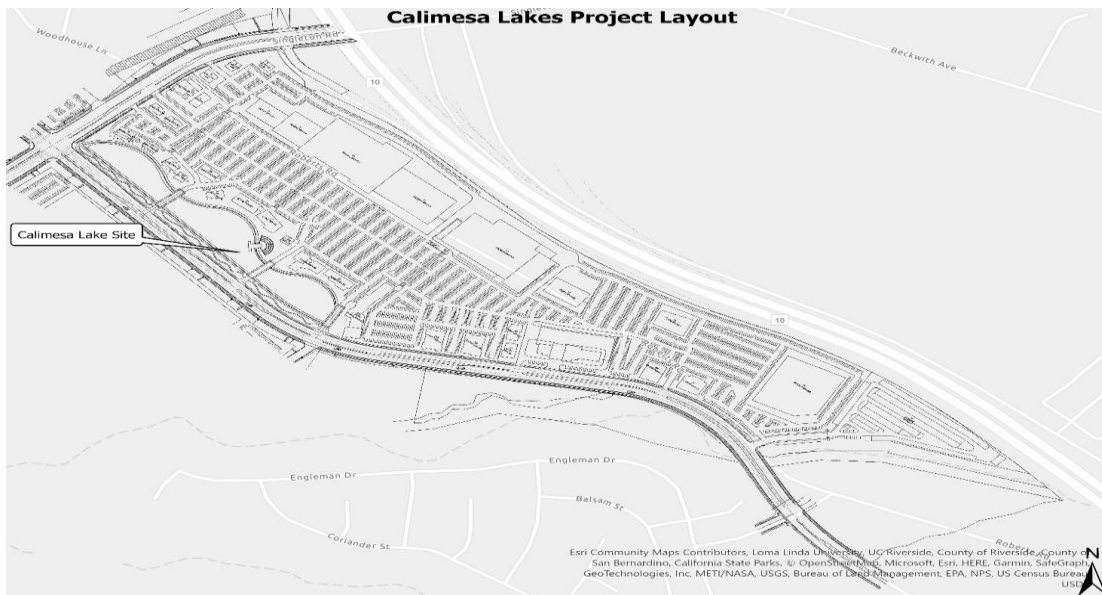
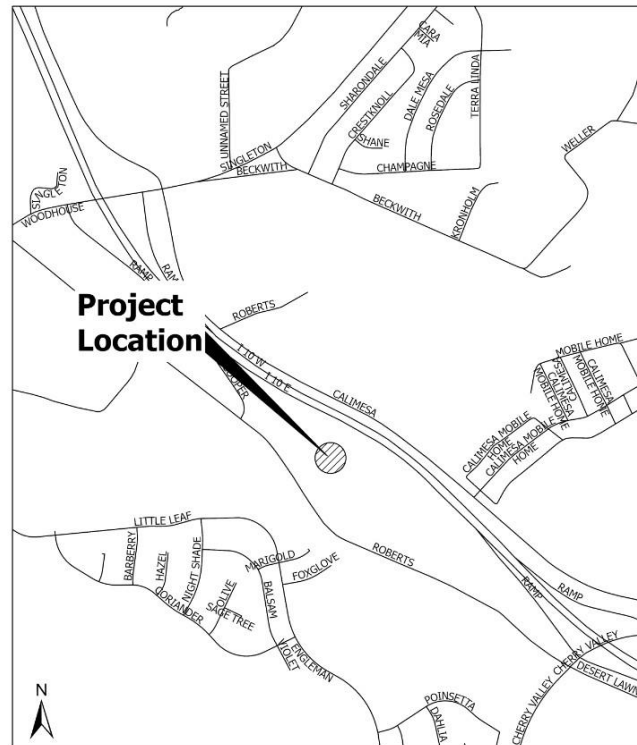
Project	Calimesa Lake Project		
Fund	Recycled	Projected Dates	2022-26
Elements #	105494	Priority	Critical

FUNDING SOURCE	
Reserves/Depreciation	\$ 0
Development Impact Fees	\$ 0
Federal Participation	\$ 2,576,380
State Participation	\$ 0
Bond Financing	\$ 4,000,000
Local Matching	\$ 0
Other Funds	\$ 4,000,000
Total	\$ 10,576,380

Project Description:

The Calimesa Lake Project involves the construction of a five-acre lake used for backflushing future nearby Aquifer Storage and Recovery wells and for limited stormwater capture from surrounding District property.

This lake is an instrumental component of the integrated recycled water system providing an opportunity for additional surface storage, an environmental buffer for high purity recycled water, fire protection for local wildlands, and a treatment system that allows the lake water to be used in the recycled water system to meet peak seasonal demands.



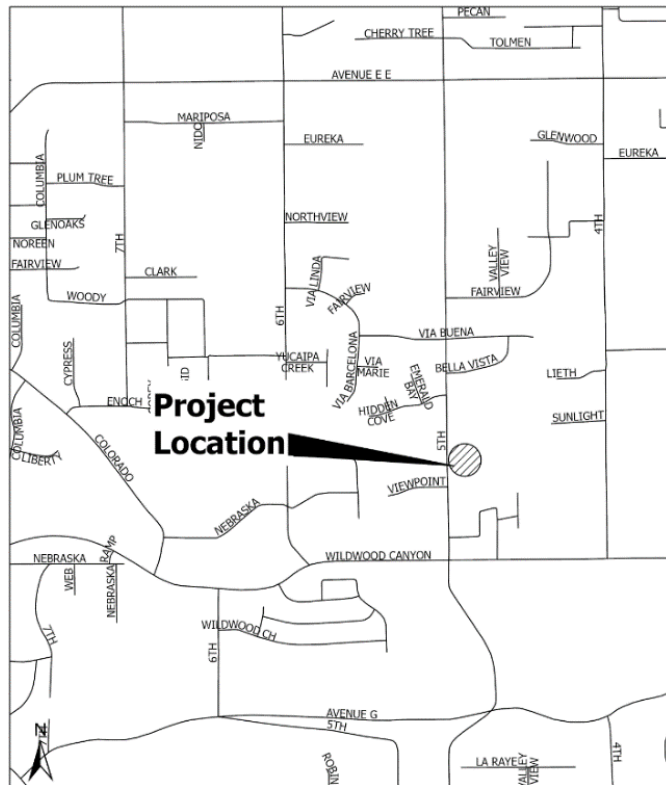
YUCAIPA VALLEY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

Project	5 th Street Recycled Water Fill Station		
Fund	Recycled	Projected Dates	2028-29
Elements #	95922	Priority	Critical

FUNDING SOURCE	
Reserves/Depreciation	\$ 250,000
Development Impact Fees	\$ 0
Federal Participation	\$ 0
State Participation	\$ 0
Bond Financing	\$ 0
Local Matching	\$ 0
Other Funds	\$ 0
Total	\$ 250,000

Project Description:

Design and construct a second recycled water fill station on 5th street.



LOCATION MAP

YUCAIPA VALLEY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

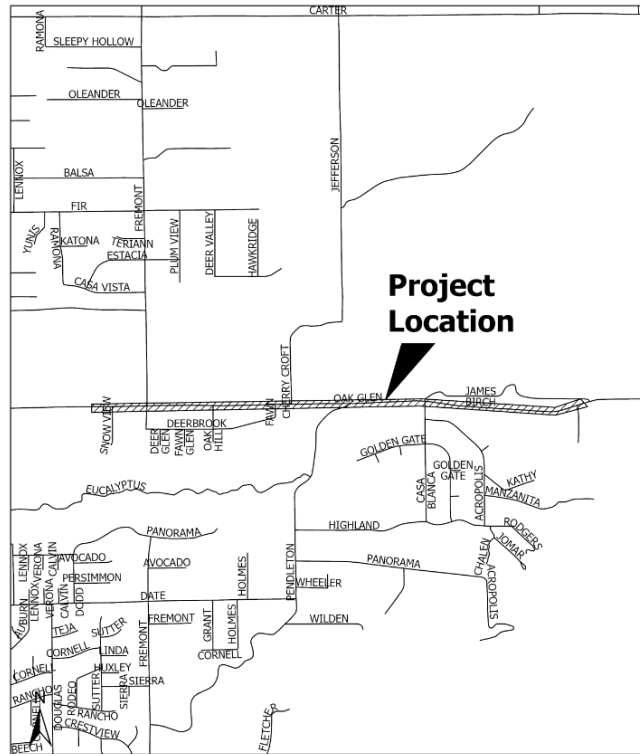
Project	Recycled Water Pipeline for R16.2		
Fund	Recycled	Projected Dates	2028-29
Elements #	TBD	Priority	Important

FUNDING SOURCE	
Reserves/Depreciation	\$ 4,217,800
Development Impact Fees	\$ 0
Federal Participation	\$ 0
State Participation	\$ 0
Bond Financing	\$ 0
Local Matching	\$ 0
Other Funds	\$ 0
Total	\$ 4,217,800

Project Description: The recycled water distribution system consists a series of boosters, pipelines and reservoirs. This project will extend the eastern most segment of the system from the 14 zone to the future 16 zone.

Recycled Water Storage and Distribution Summary:

The components of the recycled water storage and distribution facilities include a booster station, a pipeline, and a reservoir. The recycled water reservoir will be located on the same pad as the drinking water reservoir(s). The booster station will be located at the Yucaipa Valley Regional Water Filtration Facility (YVRWFF) about 1.3 miles from the reservoir site. The 7,000 linear foot pipeline will connect the booster station to the reservoir providing 14 zone water to the 16 zone tank.

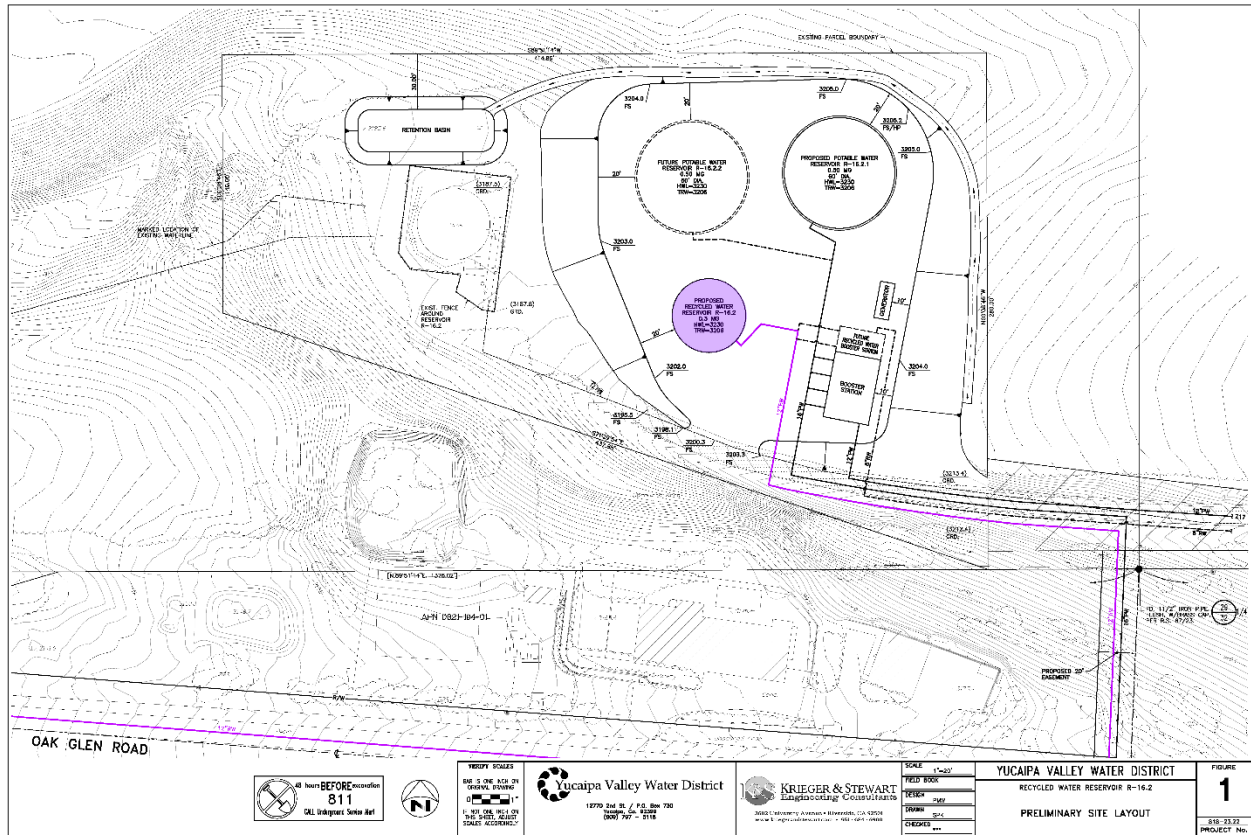


LOCATION MAP



Recycled Water - Project Overview: The preliminary design of the site layout is included below, showing a single 300,000 gallon recycled water tank and the site piping. Although, there is

currently no recycled water infrastructure at the 16.2 site and no current demand from existing customers, this extension of the recycled water system will make recycled water service available for current and future customers and developments in the area.



The table below summarizes the design costs and the estimated construction costs of the recycled water project:

Design Cost	Infrastructure	Estimated Total
\$206,800	\$4,011,000	\$4,217,800