



Yucaipa Valley Water District

12770 Second Street, Yucaipa, California 92399

Operating Budget and Capital Improvement Program for Fiscal Year 2022

July 1, 2021 to June 30, 2022

Adopted – June XX, 2021

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Chapter One

Fiscal Year 2022

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 water and wastewater 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.

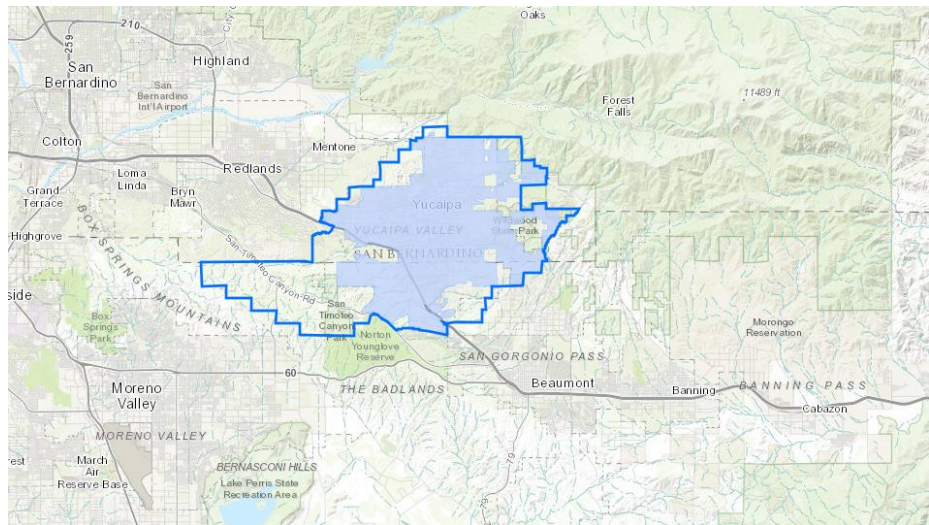
We believe our success depends on every employee knowing and sharing these values and principles

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 54,310. 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.



Chris Mann
Division 1



Dennis Miller
Division 2



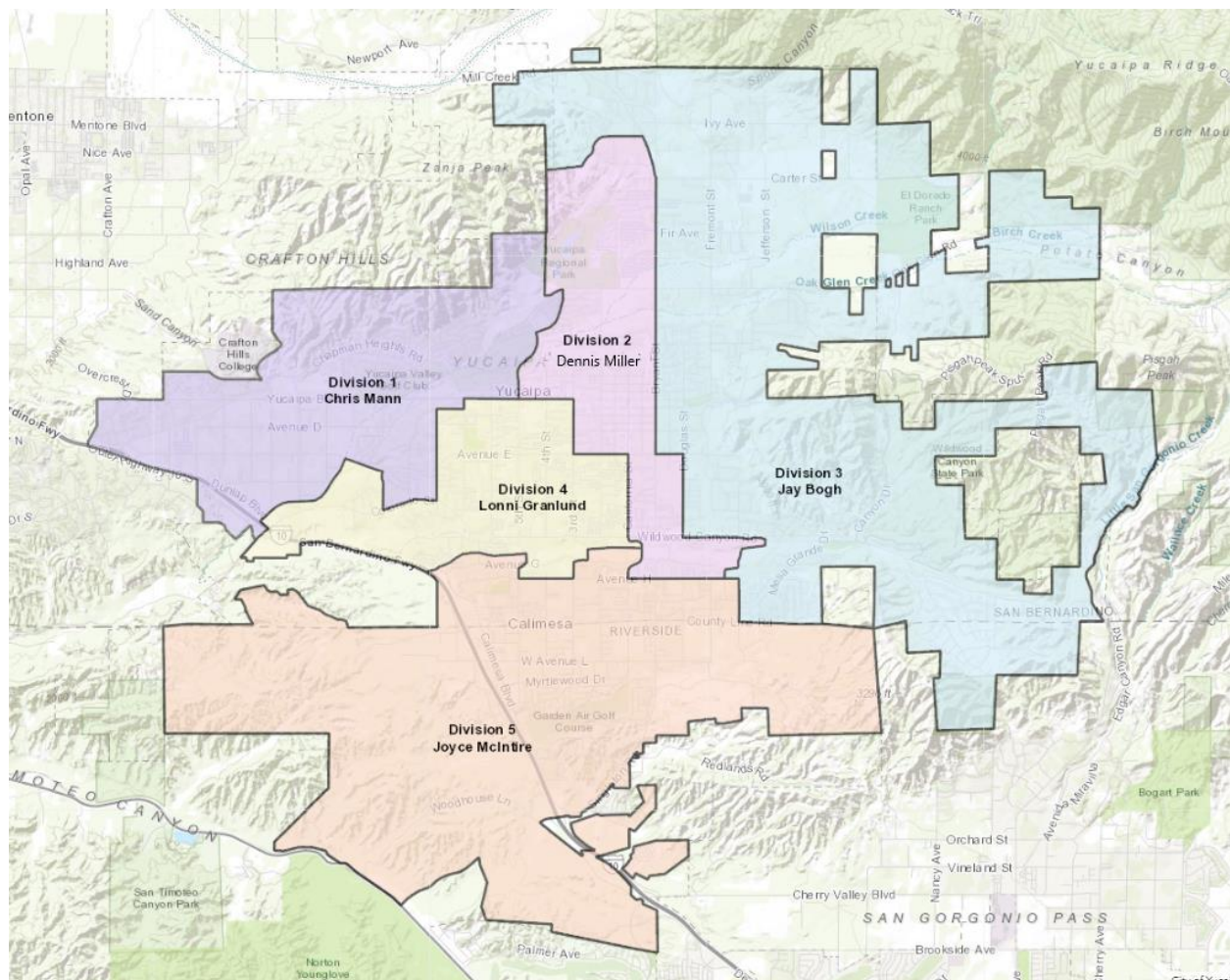
Jay Bogh
Division 3



Lonni Granlund
Division 4

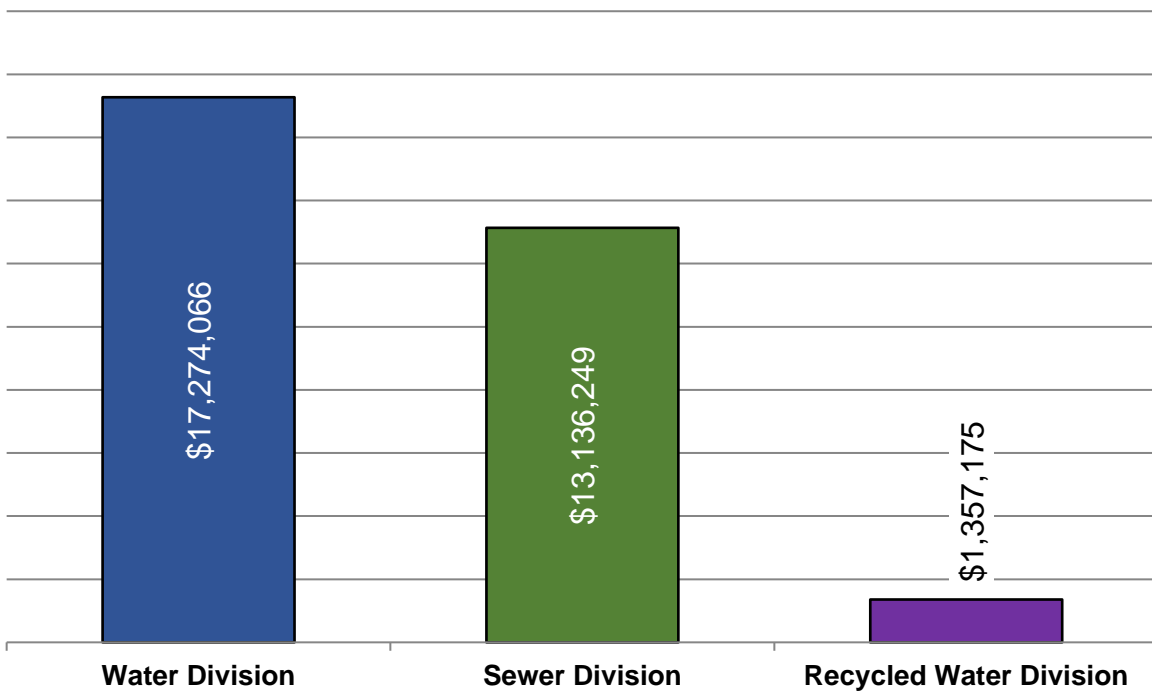
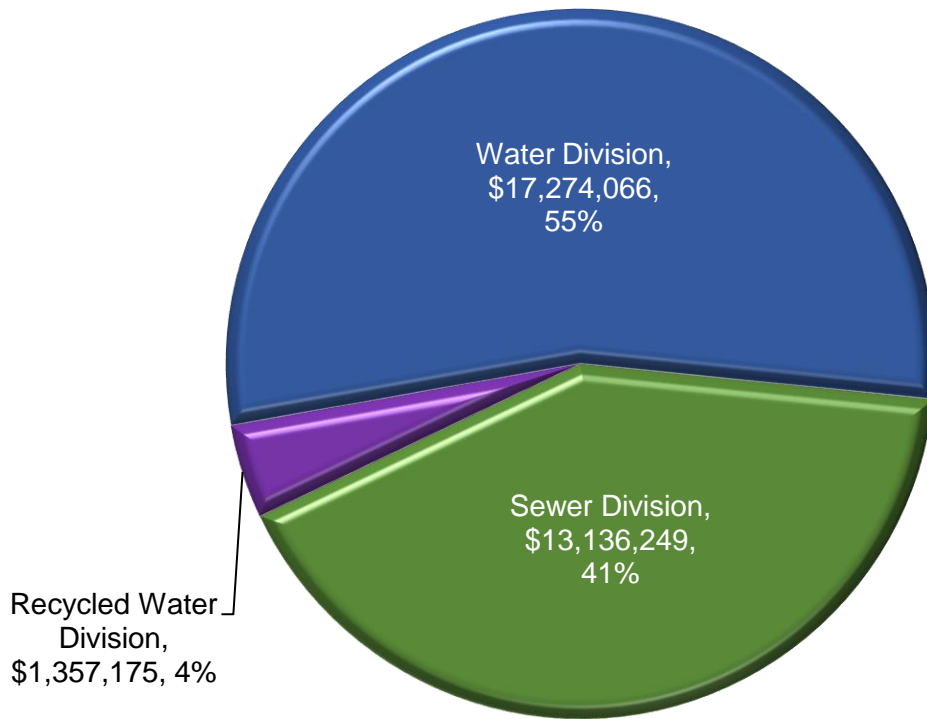


Joyce McIntire
Division 5



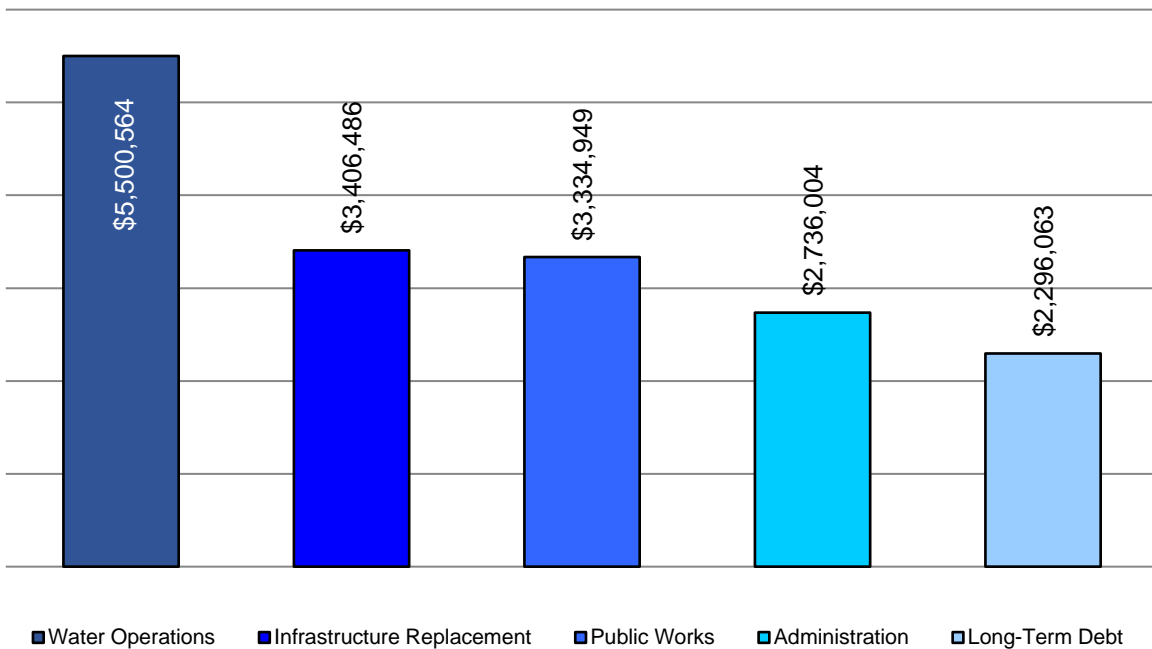
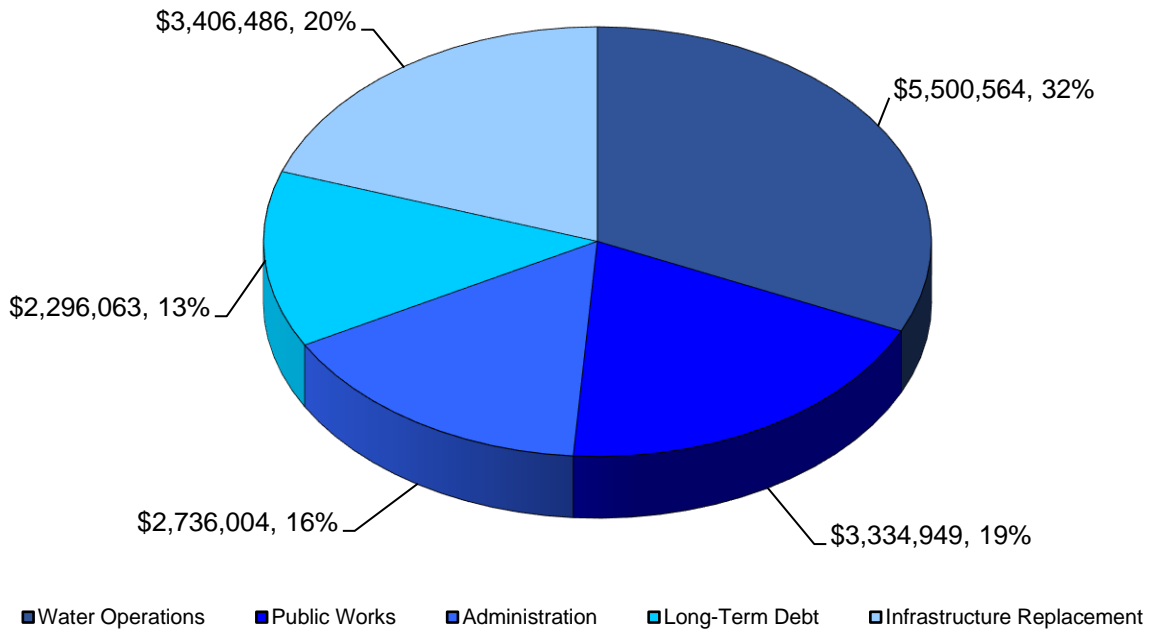
Budget Overview

The Fiscal Year 2022 operating budget totals \$31,767,490 (excluding capital improvement projects) distinguished by the following three enterprise funds.

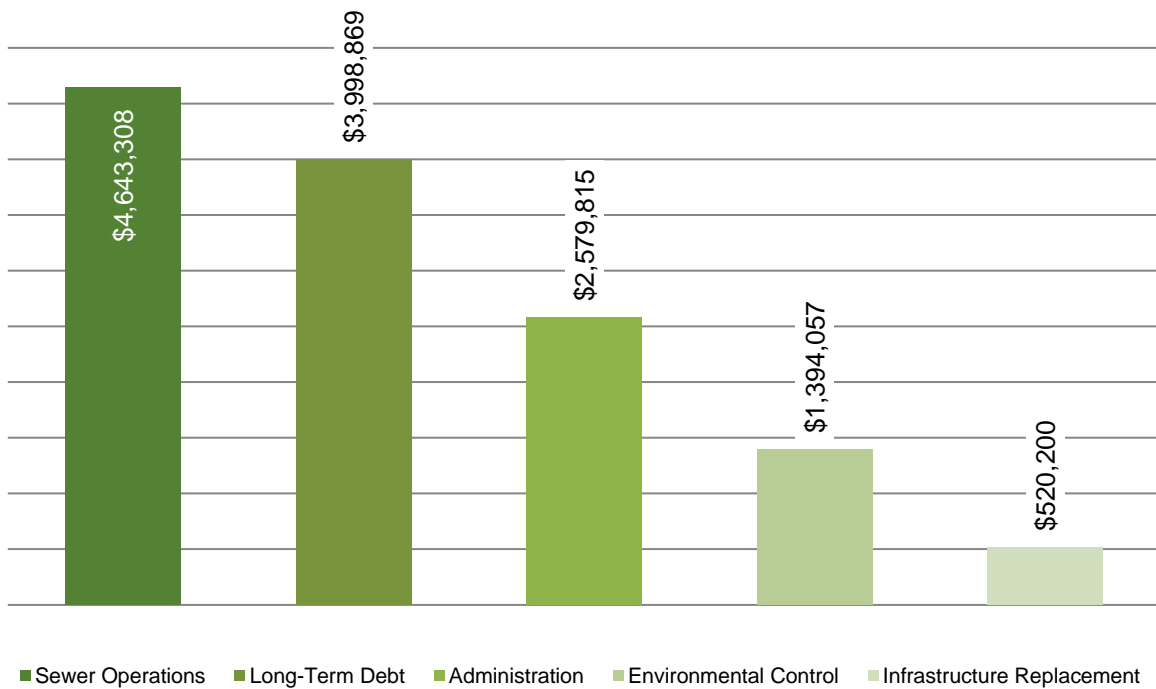
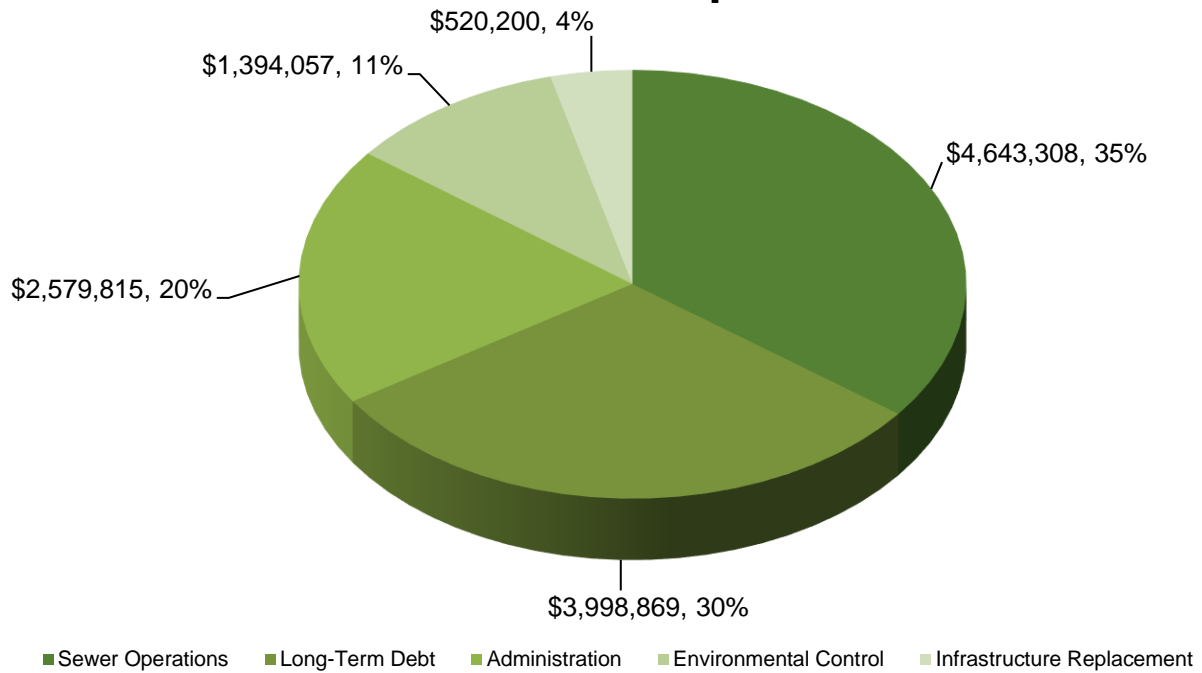


The departmental expenses for each of the enterprise funds are provided below:

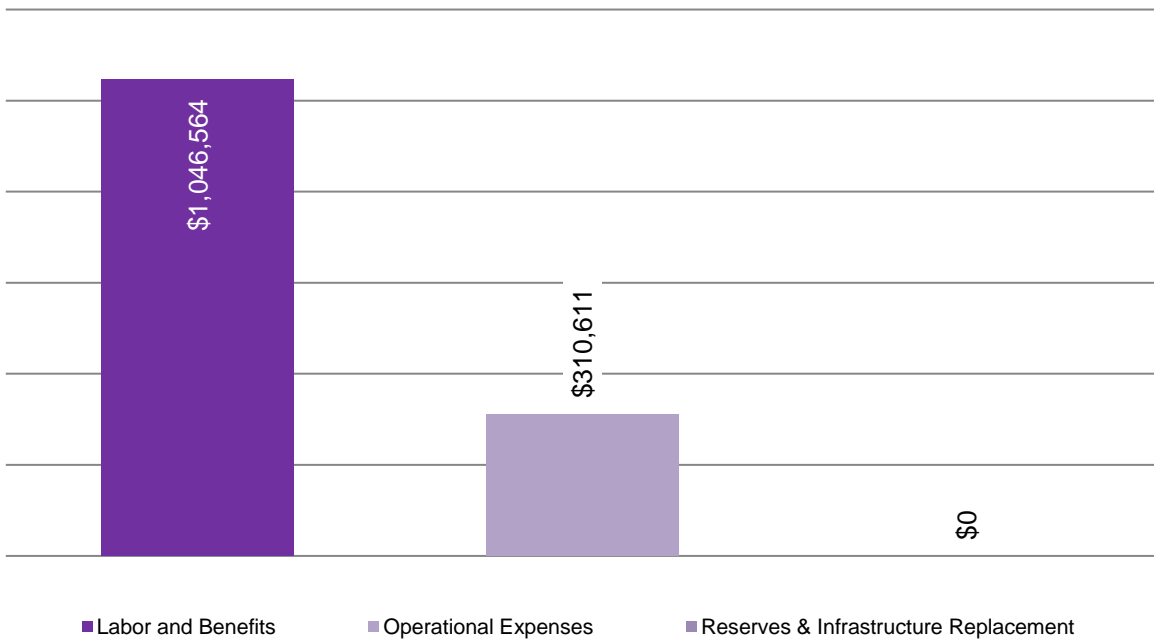
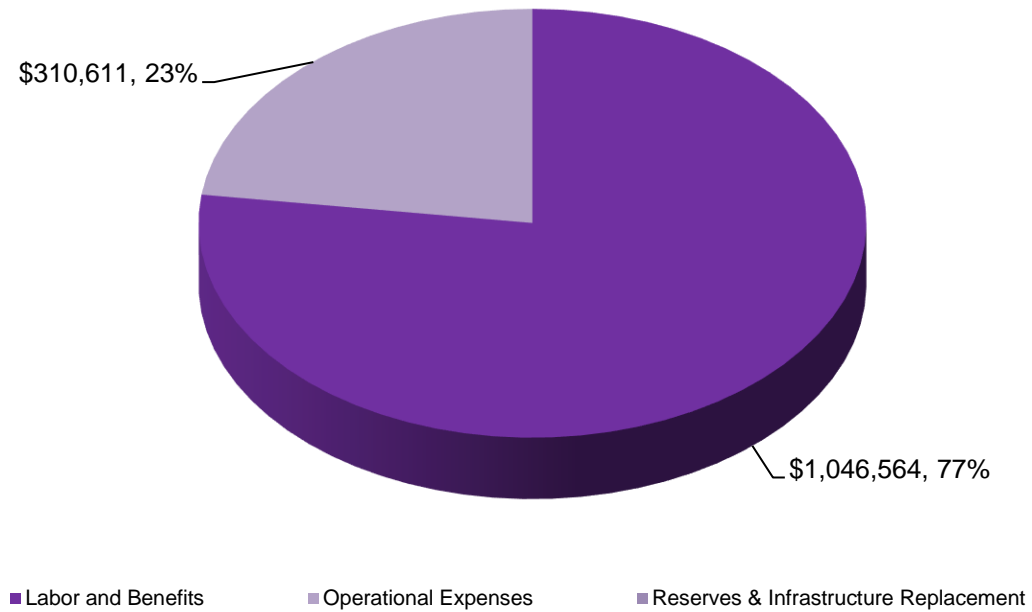
Water Division Expenditures



Sewer Division Expenditures



Recycled Water Division Expenditures



Yucaipa Valley Water District

Organizational Structure and Functional Workgroups

Monday, May 17, 2021

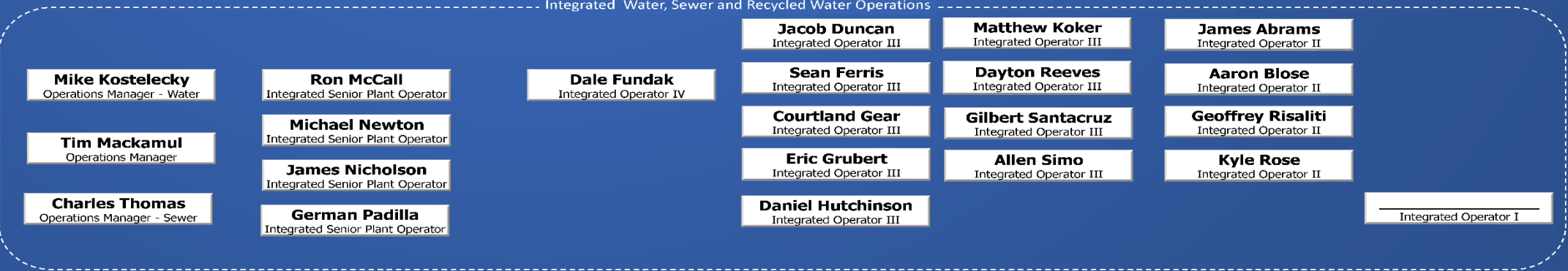
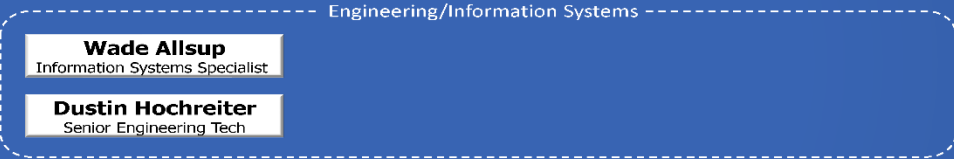
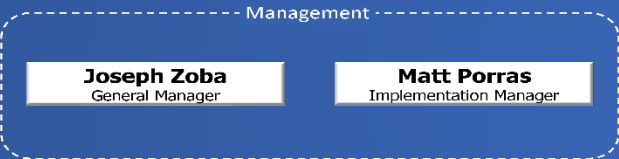
Chris Mann
Board Member - Division 1

Dennis Miller
Board Member - Division 2

Jay Bogh
Board Member - Division 3

Lonni Granlund
Board Member - Division 4

Joyce McIntire
Board Member - Division 5



Elected Officials

Management – Exempt Employees

Supervisory Employees

General Employees

WATER DIVISION BUDGET

Department	2020-21 Annual Budget	2021-22 Requested Budget
OPERATING REVENUE		
02-400-40010. Sales-Water & Non Potable	\$ 5,862,780	\$ 5,940,677
02-400-40011. Sales-Construction Water	\$ 30,000	\$ 104,040
02-400-40012. Sales-Supplemental Water-Riv	\$ 257,500	\$ 265,225
02-400-40013. Sales-Supplemental Water-SB	\$ 875,500	\$ 901,765
02-400-40014. Sales-Disc (Multi Unit) Commdy	\$ (110,000)	\$ (110,000)
02-400-40015. Sales-Wholesale Water	\$ 115,000	\$ 212,180
02-400-40016. Sales-Establish Service Fee	\$ 6,120	\$ 6,242
02-400-40017. Sales-Excess Drinking Water	\$ 564,756	\$ 587,062
02-400-40018. Sales-Infrastructure	\$ 1,136,669	\$ 1,399,377
02-400-41000. Sales-Service Demand Charges	\$ 3,859,820	\$ 4,017,585
02-400-41001. Sales-Fire Srv Standby Fees	\$ 40,800	\$ 41,616
02-400-41003. Sales-Const Water Minimum Chg	\$ 5,100	\$ 5,202
02-400-41005. Sales-Disc (Multi Units)-SC	\$ (128,250)	\$ (121,838)
02-400-41010. Unauthorized Use of Water Chrg	\$ 2,040	\$ 2,081
02-400-41110. Meter/Lateral Installation	\$ 200,000	\$ 104,040
02-400-41112. Fire Flow Test Fees	\$ 4,590	\$ 4,682
02-400-41113. Disconnect & Reconnect Fees	\$ 70,000	\$ 106,090
02-400-41121. Delinquent Payment Charges	\$ 139,050	\$ 143,222
02-400-41124. Bad Debt Write-Off & Recovery	\$ (20,400)	\$ (20,808)
400. CHARGES FOR SERVICES	\$ 12,911,075	\$ 13,588,440
02-421-42122. Revenue - Other, Operating	\$ -	\$ -
02-421-42123. Admin, Management & Acctg Fees	\$ 206,550	\$ 210,681
421. REVENUE - OTHER	\$ 206,550	\$ 210,681
02-430-43010. Interest Earned	\$ 70,000	\$ 25,000
430. INTEREST EARNED	\$ 70,000	\$ 25,000
02-431-43110. Property Tax - Unsecured	\$ -	\$ -
02-431-43120. Property Tax - Secured	\$ 2,988,863	\$ 3,346,943
02-431-43130. Tax Collection - Prior	\$ 40,000	\$ -
02-431-43140. Taxes - Other	\$ 180,000	\$ -
431. PROPERTY TAX	\$ 3,208,863	\$ 3,346,943
02-480-48002. Grants	\$ 300,000	\$ 75,000
480. CAPITAL CONTRIBUTIONS	\$ 300,000	\$ 75,000

WATER DIVISION BUDGET

Department	2020-21 Annual Budget	2021-22 Requested Budget
02-491-49110. Rental Income	\$ -	\$ 3,001
02-491-49150. Revenue - Misc Non-Operating	\$ 20,000	\$ 25,001
491. OTHER NON-OPERATING REV	\$ 20,000	\$ 28,002
TOTAL WATER REVENUE \$ 16,716,488 \$ 17,274,066		

OPERATING EXPENSES

02-501-50009. Labor - Overtime	\$ 35,447	\$ 49,944
02-501-50010. Labor	\$ 1,000,914	\$ 1,046,041
02-501-50011. Labor - Credit	\$ -	\$ -
02-501-50013. Benefits-FICA	\$ 79,279	\$ 100,270
02-501-50014. Benefits-Life Insurance	\$ 4,899	\$ 3,863
02-501-50016. Benefits-Health & Def Comp	\$ 201,304	\$ 212,989
02-501-50017. Benefits-Disability Insurance	\$ 9,326	\$ 23,332
02-501-50019. Benefits-Workers Compensation	\$ 60,398	\$ 69,237
02-501-50021. Benefits-PERS Employee	\$ -	\$ -
02-501-50022. Benefits-PERS Employer	\$ 75,364	\$ 77,054
02-501-50023. Benefits-Uniforms	\$ 5,050	\$ 5,346
02-501-50024. Benefits-Vacation & Sick Pay	\$ -	\$ -
02-501-50025. Benefits-Boots	\$ 3,330	\$ 8,700
02-501-51003. R&M - Structures	\$ 325,776	\$ 312,120
02-501-51011. R&M - Valves	\$ 20,400	\$ 20,808
02-501-51115. Laboratory Supplies	\$ 2,550	\$ 2,601
02-501-51140. General Supplies & Expenses	\$ 5,000	\$ 16,000
02-501-51210. Power Purchases	\$ 1,352,000	\$ 1,750,000
02-501-51211. Electricity & Fuel	\$ 5,100	\$ 5,202
02-501-51316. Supplemental Source of Supply	\$ 1,085,750	\$ 1,096,608
02-501-54012. Education & Training	\$ 7,303	\$ 7,303
02-501-54019. Licenses & Permits	\$ 66,300	\$ 67,626
02-501-54025. Telephone & Internet	\$ 3,000	\$ 3,300
02-501-54110. Laboratory Services	\$ 76,500	\$ 50,000
02-501-57040. YVRWFF-Crystal Creek Exp	\$ 561,000	\$ 572,220
501. WATER OPERATIONS	\$ 4,985,990	\$ 5,500,564

02-503-50009. Labor - Overtime	\$ 59,434	\$ 64,914
02-503-50010. Labor	\$ 1,584,210	\$ 1,651,642
02-503-50011. Labor - Credit	\$ -	\$ -
02-503-50013. Benefits-FICA	\$ 125,741	\$ 166,099
02-503-50014. Benefits-Life Insurance	\$ 9,991	\$ 7,773
02-503-50016. Benefits-Health & Def Comp	\$ 391,002	\$ 451,925
02-503-50017. Benefits-Disability Insurance	\$ 14,795	\$ 38,646
02-503-50019. Benefits-Workers Compensation	\$ 13,744	\$ 12,551
02-503-50021. Benefits-PERS Employee	\$ -	\$ -
02-503-50022. Benefits-PERS Employer	\$ 120,829	\$ 123,505
02-503-50023. Benefits-Uniforms	\$ 10,850	\$ 12,012
02-503-50024. Benefits-Vacation & Sick Pay	\$ -	\$ -
02-503-50025. Benefits-Boots	\$ 6,735	\$ 18,503

WATER DIVISION BUDGET

Department	2020-21 Annual Budget	2021-22 Requested Budget
02-503-51001. R&M - Vehicles & Equipment	\$ 224,000	\$ 275,000
02-503-51011. R&M - Valves	\$ 5,100	\$ 5,202
02-503-51020. R&M - Pipelines	\$ 204,000	\$ 208,080
02-503-51021. R&M - Service Lines	\$ 97,920	\$ 99,878
02-503-51022. R&M - Fire Hydrants	\$ 51,000	\$ 52,020
02-503-51029. Repair & Maintenance-Backflow	\$ 66,300	\$ 67,626
02-503-51030. R&M - Meters	\$ 330,600	\$ 31,212
02-503-51031. R&M - Fire Flow Testing	\$ 25,500	\$ 26,010
02-503-51092. Equipment Credits	\$ -	\$ -
02-503-51140. General Supplies & Expenses	\$ 3,060	\$ 3,121
02-503-54012. Education & Training	\$ 15,230	\$ 15,230
02-503-54025. Telephone & Internet	\$ 4,000	\$ 4,000
503. UTILITY SERVICES	\$ 3,364,041	\$ 3,334,949
02-506-50009. Labor - Overtime	\$ 12,436	\$ 5,736
02-506-50010. Labor	\$ 655,148	\$ 601,289
02-506-50011. Labor - Credit	\$ -	\$ -
02-506-50012. Director Fees	\$ 27,300	\$ 20,000
02-506-50013. Benefits-FICA	\$ 53,161	\$ 60,066
02-506-50014. Benefits-Life Insurance	\$ 3,964	\$ 2,839
02-506-50016. Benefits-Health & Def Comp	\$ 161,439	\$ 156,292
02-506-50017. Benefits-Disability Insurance	\$ 6,007	\$ 13,978
02-506-50019. Benefits-Workers Compensation	\$ 4,454	\$ 3,653
02-506-50021. Benefits-PERS Employee	\$ -	\$ -
02-506-50022. Benefits-PERS Employer	\$ 53,984	\$ 49,910
02-506-50023. Benefits-Uniforms	\$ 175	\$ -
02-506-50024. Benefits-Vacation & Sick Pay	\$ -	\$ -
02-506-50025. Benefits-Boots	\$ 2,055	\$ 2,619
02-506-50055. Pension Expense-GASB 68	\$ -	\$ -
02-506-51003. R&M - Structures	\$ 40,700	\$ 36,414
02-506-51091. Expense Credits (overhead)	\$ -	\$ -
02-506-51120. Safety Equipment & Supplies	\$ 25,500	\$ 26,010
02-506-51125. Petroleum Products	\$ 153,000	\$ 156,060
02-506-51130. Office Supplies & Expenses	\$ 35,700	\$ 36,414
02-506-51140. General Supplies & Expenses	\$ 40,800	\$ 41,616
02-506-51199. Disaster Repairs & Incidences	\$ -	\$ -
02-506-51211. Utilities - Electricity	\$ 32,640	\$ 33,293
02-506-51213. Utilities - Natural Gas	\$ 2,740	\$ 2,081
02-506-54002. Dues & Subscriptions	\$ 30,600	\$ 31,212
02-506-54005. Computer Expenses	\$ 147,900	\$ 150,858
02-506-54010. Postage	\$ 10,200	\$ 10,404
02-506-54011. Printing & Publications	\$ -	\$ -
02-506-54012. Education & Training	\$ 20,400	\$ 20,808
02-506-54013. Utility Billing Expenses	\$ 197,700	\$ 232,000
02-506-54014. Public Relations	\$ 32,130	\$ 13,500
02-506-54016. Travel Related Expenses	\$ 7,650	\$ 7,803
02-506-54017. Certifications & Renewals	\$ 12,240	\$ 12,485
02-506-54020. Meeting Related Expenses	\$ 8,160	\$ 5,000

WATER DIVISION BUDGET

Department	2020-21 Annual Budget	2021-22 Requested Budget
02-506-54022. Utilities - YVWD Services	\$ 147,900	\$ 100,000
02-506-54024. Waste Disposal	\$ 5,100	\$ 9,000
02-506-54025. Telephone & Internet	\$ 53,000	\$ 46,818
02-506-54099. Conservation & Rebates	\$ 30,600	\$ 10,000
02-506-54104. Contractural Services	\$ 200,700	\$ 198,000
02-506-54107. Legal	\$ 120,000	\$ 31,212
02-506-54108. Audit & Accounting	\$ 15,300	\$ 15,606
02-506-54109. Professional Fees	\$ 168,300	\$ 171,666
02-506-55500. Depreciation	\$ 204,000	\$ 208,080
02-506-55510. Bond Issuance Costs	\$ -	\$ -
02-506-56001. Insurance	\$ 122,000	\$ 104,040
02-506-57030. Regulatory Compliance	\$ 35,700	\$ 36,414
02-506-57090. Election Related Expenses	\$ -	\$ -
02-506-57095. Yucaipa SGMA	\$ 10,200	\$ 10,404
02-506-57096. Beaumont Basin Watermaster	\$ 40,800	\$ 41,616
02-506-57097. San Timoteo SGMA	\$ 8,100	\$ 5,202
02-506-57098. Bunker Hill GSC	\$ 15,300	\$ 15,606
02-506-57099. Prior Year Exp & Rev	\$ -	\$ -
02-506-57199. Suspense	\$ -	\$ -
02-506-57204. Amortized Bond Discount	\$ -	\$ -
02-506-58500. Cap Contrib to Other Gov Agcy	\$ -	\$ -
02-506-59960. Operating Transfers	\$ -	\$ -
506. ADMINISTRATION	\$ 2,955,183	\$ 2,736,004
02-540-57201. Series 2015A Principal	\$ 1,230,000	\$ 1,290,000
02-540-57402. Interest - Bond Repayment	\$ 1,062,613	\$ 1,006,063
02-540-57807. Infrastructure Replacement Fund	\$ 3,118,661	\$ 3,406,486
02-540-58010. Loss Or Gain-Asset Disposal	\$ -	\$ -
540. DEBT & CAPITAL OUTLAY	\$ 5,411,274	\$ 5,702,549
TOTAL WATER EXPENSE	\$ 16,716,488	\$ 17,274,066

SEWER DIVISION BUDGET

Department	2020-21 Annual Budget	2021-22 Requested Budget
OPERATING REVENUE		
03-400-40016. Sales-Establish Service Fee	\$ 510	\$ 520
03-400-41000. Sales-Sewer Charges	\$ 12,424,514	\$ 12,750,661
03-400-41005. Sales-Disc (Multi Units)-SC	\$ (200,000)	\$ (200,000)
03-400-41110. Meter/Lateral Installation	\$ 15,038	\$ 15,075
03-400-41121. Penalty - Late Charges	\$ 126,250	\$ 127,513
03-400-41124. Bad Debt Write-Off & Recovery	\$ (15,075)	\$ (15,150)
03-400-41131. Front Footage Fees	\$ 55,550	\$ 56,106
400. CHARGES FOR SERVICES	\$ 12,406,787	\$ 12,734,725
03-421-42122. Revenue - Other, Operating	\$ 2,020	\$ 2,040
421. REVENUE - OTHER	\$ 2,020	\$ 2,040
03-430-43010. Interest Earned	\$ 102,000	\$ 25,000
430. INTEREST EARNED	\$ 102,000	\$ 25,000
03-431-43110. Property Tax - Unsecured	\$ -	\$ -
03-431-43120. Property Tax - Secured	\$ 356,540	\$ 371,883
03-431-43130. Tax Collection - Prior	\$ -	\$ -
03-431-43140. Taxes - Other	\$ -	\$ -
431. PROPERTY TAX	\$ 356,540	\$ 371,883
03-480-48002. Grants	\$ -	\$ -
03-480-48004. Grants-Prop 50 #07-503-550-2	\$ -	\$ -
03-480-48901. Contrib Cap-Capacity Fees	\$ -	\$ -
03-480-48905. Contrib Cap-Infrastructure	\$ -	\$ -
480. CAPITAL CONTRIBUTIONS	\$ -	\$ -
03-491-49150. Revenue - Misc Non-Operating	\$ 2,550	\$ 2,601
491. OTHER NON-OPERATING REV	\$ 2,550	\$ 2,601
TOTAL SEWER REVENUE	\$ 12,869,897	\$ 13,136,249

SEWER DIVISION BUDGET

Department	2020-21 Annual Budget	2021-22 Requested Budget
OPERATING EXPENSES		
03-502-50009. Labor - Overtime	\$ 33,252	\$ 40,931
03-502-50010. Labor	\$ 1,033,509	\$ 1,085,874
03-502-50013. Benefits-FICA	\$ 81,604	\$ 102,965
03-502-50014. Benefits-Life Insurance	\$ 5,136	\$ 3,927
03-502-50016. Benefits-Health & Def Comp	\$ 210,851	\$ 217,552
03-502-50017. Benefits-Disability Insurance	\$ 9,600	\$ 23,959
03-502-50019. Benefits-Workers Compensatn	\$ 71,774	\$ 70,571
03-502-50021. Benefits-PERS Employee	\$ -	\$ -
03-502-50022. Benefits-PERS Employer	\$ 75,557	\$ 77,743
03-502-50023. Benefits-Uniforms	\$ 5,350	\$ 5,874
03-502-50024. Benefits-Vacation & Sick Pay	\$ -	\$ -
03-502-50025. Benefits-Boots	\$ 3,450	\$ 7,590
03-502-51003. R&M - Structures	\$ 357,000	\$ 364,140
03-502-51010. R&M - Automation Control	\$ 75,000	\$ 67,626
03-502-51106. Chemicals	\$ 700,000	\$ 755,000
03-502-51111. Propane	\$ 510	\$ 520
03-502-51115. Laboratory Supplies	\$ 41,000	\$ 31,212
03-502-51140. General Supplies & Expenses	\$ 6,400	\$ 18,000
03-502-51210. Utilities - Power Purchases	\$ 994,553	\$ 1,013,372
03-502-54012. Education & Training	\$ 7,566	\$ 7,566
03-502-54025. Telephone & Internet	\$ 5,000	\$ 5,000
03-502-54110. Laboratory Services	\$ 114,000	\$ 88,434
03-502-57031. Sewage Waste Disposal-Solids	\$ 234,600	\$ 239,292
03-502-57034. Brineline Operating Expenses	\$ 408,000	\$ 416,160
502. SEWER OPERATIONS	\$ 4,473,712	\$ 4,643,308
03-506-50009. Labor - Overtime	\$ 12,436	\$ 5,736
03-506-50010. Labor	\$ 655,148	\$ 601,289
03-506-50011. Labor - Credit	\$ -	\$ -
03-506-50012. Director Fees	\$ 27,300	\$ 20,000
03-506-50013. Benefits-FICA	\$ 53,161	\$ 60,028
03-506-50014. Benefits-Life Insurance	\$ 3,964	\$ 2,839
03-506-50016. Benefits-Health & Def Comp	\$ 161,439	\$ 155,786
03-506-50017. Benefits Disability Insurane	\$ 6,007	\$ 13,969
03-506-50019. Benefits-Workers Compensation	\$ 4,454	\$ 5,861
03-506-50021. Benefits-PERS Employee	\$ -	\$ -
03-506-50022. Benefits-PERS Employer	\$ 53,984	\$ 49,910
03-506-50023. Benefits-Uniforms	\$ 175	\$ -
03-506-50024. Benefits-Vacation & Sick Pay	\$ -	\$ -
03-506-50025. Benefits-Boots	\$ 2,115	\$ 2,619
03-506-50055. Pension Expense-GASB 68	\$ -	\$ -

SEWER DIVISION BUDGET

Department	2020-21 Annual Budget	2021-22 Requested Budget
03-506-51120. Safety Equipment & Supplies	\$ 9,690	\$ 9,884
03-506-51125. Petroleum Products	\$ 29,000	\$ 24,970
03-506-51130. Office Supplies & Expenses	\$ 9,200	\$ 7,283
03-506-51140. General Supplies & Expenses	\$ 30,600	\$ 5,000
03-506-51199. Disaster Repairs & Incidences	\$ -	\$ -
03-506-54002. Dues & Subscriptions	\$ 41,000	\$ 31,212
03-506-54003. Management & Admin Services	\$ 206,550	\$ 210,681
03-506-54005. Computer Expenses	\$ 122,400	\$ 124,848
03-506-54011. Printing & Publications	\$ -	\$ -
03-506-54012. Education & Training	\$ 20,400	\$ 20,400
03-506-54014. Public Relations	\$ 25,500	\$ 26,010
03-506-54016. Travel Related Expenses	\$ 10,200	\$ 10,404
03-506-54017. Certifications & Renewals	\$ 10,200	\$ 10,200
03-506-54019. Licenses & Permits	\$ 71,400	\$ 72,828
03-506-54020. Meeting Related Expenses	\$ 7,500	\$ 5,202
03-506-54022. Utilities - YVWD Services	\$ 355,000	\$ 500,000
03-506-54024. Waste Disposal	\$ 33,000	\$ 40,000
03-506-54025. Telephone & Internet	\$ 60,000	\$ 52,020
03-506-54030. Drinking Water	\$ -	\$ -
03-506-54104. Contractural Services	\$ 165,000	\$ 47,858
03-506-54107. Legal	\$ 30,600	\$ 31,212
03-506-54108. Audit & Accounting	\$ 15,300	\$ 15,606
03-506-54109. Professional Fees	\$ 297,189	\$ 208,080
03-506-55500. Depreciation	\$ -	\$ -
03-506-56001. Insurance	\$ 132,600	\$ 135,252
03-506-57030. Regulatory Compliance	\$ 71,400	\$ 72,828
03-506-57099. Prior Year Exp & Rev	\$ -	\$ -
03-506-59960. Operating Transfers	\$ -	\$ -
506. ADMINISTRATION	\$ 2,733,912	\$ 2,579,815
03-507-50009. Labor - Overtime	\$ 23,890	\$ 26,886
03-507-50010. Labor	\$ 616,937	\$ 638,741
03-507-50011. Labor - Credit	\$ -	\$ -
03-507-50013. Benefits-FICA	\$ 49,025	\$ 64,062
03-507-50014. Benefits-Life Insurance	\$ 3,768	\$ 2,916
03-507-50016. Benefits-Health & Def Comp	\$ 152,863	\$ 170,859
03-507-50017. Benefits-Disability Insurance	\$ 5,768	\$ 14,907
03-507-50019. Benefits-Workers Compensatio	\$ 5,391	\$ 15,250
03-507-50021. Benefits-PERS Employee	\$ -	\$ -
03-507-50022. Benefit-PERS Employer	\$ 49,754	\$ 50,520
03-507-50023. Benefits-Uniforms	\$ 4,050	\$ 4,092
03-507-50024. Benefits-Vacation & Sick Pay	\$ -	\$ -

SEWER DIVISION BUDGET

Department	2020-21 Annual Budget	2021-22 Requested Budget
03-507-50025. Benefits-Boots	\$ 2,475	\$ 7,642
03-507-51003. Sewer Pipeline & Facilities	\$ 250,001	\$ 250,002
03-507-51140. General Supplies & Expenses	\$ 1,000	\$ 502
03-507-51241. Lift Station #1	\$ 52,001	\$ 52,502
03-507-51242. Lift Station #2	\$ 18,001	\$ 18,002
03-507-51243. Lift Station #3	\$ 6,200	\$ 3,202
03-507-51244. Lift Station #4	\$ 9,501	\$ 9,502
03-507-51246. Lift Station #6	\$ 5,001	\$ 5,002
03-507-51248. Lift Station #8	\$ 2,501	\$ 2,502
03-507-54012. Education & Training	\$ 5,428	\$ 5,428
03-507-54025. Telephone & Internet	\$ -	\$ 1,536
03-507-54111. Pretreatment	\$ 55,000	\$ 50,002
507. ENVIRONMENTAL CONTROL	\$ 1,318,555	\$ 1,394,057
03-540-57002. Asset Acq. - Treatment Dept	\$ -	\$ -
03-540-57006. Asset Acq. - Admin Dept	\$ -	\$ -
03-540-57007. Asset Acq. - EC Dept	\$ -	\$ -
03-540-57009. Plant Support - Sari Line	\$ -	\$ -
03-540-57202. SRF Principal - WWTP	\$ 2,361,721	\$ 2,418,402
03-540-57203. SRF Principal - Brineline	\$ 459,211	\$ 471,609
03-540-57204. SRF Principal - Wise	\$ 139,605	\$ 142,676
03-540-57205. SRF Principal - R 10.3	\$ 40,903	\$ 41,803
03-540-57206. SRF Principal - Crow St	\$ 16,012	\$ 16,346
03-540-57403. Interest - Long Term Debt	\$ 816,267	\$ 908,033
03-540-57807. Infrastructure Replacement Fnd	\$ 510,000	\$ 520,200
03-540-58010. Loss Or Gain-Asset Disposal	\$ -	\$ -
540. DEBT & CAPITAL OUTLAY	\$ 4,343,718	\$ 4,519,069
TOTAL SEWER EXPENSE	\$ 12,869,897	\$ 13,136,249

RECYCLED WATER DIVISION BUDGET

Department	2020-21 Annual Budget	2021-22 Requested Budget
OPERATING REVENUE		
04-400-40010. Sales-Water & Non Potable	\$ 1,001,460	\$ 1,000,000
04-400-40011. Sales-Construction Water	\$ 9,981	\$ 10,180
04-400-40017. Sales-Excess Drinking Water	\$ 8,574	\$ 25,000
04-400-40018. Sales-Infrastructure	\$ 72,642	\$ 74,755
04-400-41000. Sales-Service Demand Charges	\$ 153,641	\$ 188,897
04-400-41003. Sales-Const Water Minimum Chg	\$ 821	\$ 823
04-400-41110. Meter/Lateral Installation	\$ 1,020	\$ 50,000
04-400-41121. Penalty - Late Charges	\$ 2,000	\$ 2,010
04-400-41122. Revenue - Other, Operating	\$ 505	\$ 510
04-400-41124. Bad Debt Write-Off & Recovery	\$ -	\$ -
400. CHARGES FOR SERVICES	\$ 1,250,644	\$ 1,352,175
04-430-43010. Interest Earned	\$ 19,716	\$ 5,000
430. INTEREST EARNED	\$ 19,716	\$ 5,000
04-431-43110. Property Tax - Unsecured	\$ -	\$ -
04-431-43120. Property Tax - Secured	\$ -	\$ -
04-431-43130. Tax Collection - Prior	\$ -	\$ -
04-431-43140. Taxes - Other	\$ -	\$ -
431. PROPERTY TAX	\$ -	\$ -
04-480-48002. Grants	\$ -	\$ -
04-480-48901. Contrib Cap-Capacity Fees	\$ -	\$ -
04-480-48905. Contrib Cap-Infrastructure	\$ -	\$ -
480. CAPITAL CONTRIBUTIONS	\$ -	\$ -
04-491-49150. Revenue-Misc Non-Operating	\$ -	\$ -
491. OTHER NON-OPERATING REV	\$ -	\$ -
TOTAL RECYCLED WATER REVENUE	\$ 1,270,360	\$ 1,357,175

OPERATING EXPENSES

04-506-50009. Labor - Overtime	\$ 18,771	\$ 21,428
04-506-50010. Labor	\$ 718,807	\$ 701,675
04-506-50011. Labor - Credit	\$ -	\$ -
04-506-50012. Director Fees	\$ 5,000	\$ -
04-506-50013. Benefits-FICA	\$ 56,805	\$ 67,679
04-506-50014. Benefits-Life Insurance	\$ 3,735	\$ 2,654
04-506-50016. Benefits-Health & Def Comp	\$ 156,856	\$ 160,108
04-506-50017. Benefits-Disability Insurance	\$ 6,640	\$ 15,747
04-506-50019. Benefits-Workers Compensation	\$ 9,080	\$ 10,862

RECYCLED WATER DIVISION BUDGET

Department	2020-21 Annual Budget	2021-22 Requested Budget
04-506-50021. Benefits-PERS Employee	\$ -	\$ -
04-506-50022. Benefits-PERS Employer	\$ 56,064	\$ 57,041
04-506-50023. Benefits-Uniforms	\$ 3,000	\$ 1,716
04-506-50024. Benefits-Vacation & Sick Pay	\$ -	\$ -
04-506-50025. Benefits-Boots	\$ 2,340	\$ 7,654
04-506-50055. Pension Expense-GASB 68	\$ -	\$ -
04-506-51003. R&M - Structures	\$ 15,300	\$ 15,606
04-506-51011. R&M - Valves	\$ 510	\$ 24,000
04-506-51020. R&M - Pipelines	\$ 510	\$ 24,000
04-506-51021. R&M - Service Lines	\$ 2,040	\$ 2,081
04-506-51022. R&M - Fire Hydrants	\$ 2,040	\$ 2,081
04-506-51030. R&M - Meters	\$ 1,530	\$ 1,561
04-506-51140. General Supplies & Expenses	\$ 3,060	\$ 3,121
04-506-51210. Utilities - Power Purchases	\$ 87,880	\$ 99,735
04-506-51316. Imported Water Purchases	\$ -	\$ -
04-506-54002. Dues & Subscriptions	\$ 3,060	\$ 3,121
04-506-54005. Computer Expenses	\$ 5,100	\$ 5,202
04-506-54011. Printing & Publications	\$ -	\$ -
04-506-54012. Education & Training	\$ 5,132	\$ 3,641
04-506-54014. Public Relations	\$ 4,284	\$ 4,370
04-506-54016. Travel Related Expenses	\$ 1,020	\$ 1,040
04-506-54017. Certifications & Renewals	\$ 510	\$ 520
04-506-54019. Licenses & Permits	\$ 7,650	\$ 14,000
04-506-54020. Meeting Related Expenses	\$ 1,428	\$ 1,457
04-506-54022. Utilities - YVWD Services	\$ 12,750	\$ 13,005
04-506-54025. Telephone & Internet	\$ 1,428	\$ 1,457
04-506-54104. Contractural Services	\$ 10,200	\$ 30,000
04-506-54107. Legal	\$ 510	\$ 520
04-506-54108. Audit & Accounting	\$ 4,080	\$ 6,800
04-506-54109. Professional Fees	\$ 30,600	\$ 20,000
04-506-54110. Laboratory Services	\$ -	\$ -
04-506-55500. Depreciation	\$ -	\$ -
04-506-56001. Insurance	\$ 25,500	\$ 26,010
04-506-57030. Regulatory Compliance	\$ 6,630	\$ 6,763
04-506-57040. Environmental Compliance	\$ 510	\$ 520
04-506-57099. Prior Year Exp & Rev	\$ -	\$ -
04-506-59960. Operating Transfers	\$ -	\$ -
506. ADMINISTRATION	\$ 1,270,360	\$ 1,357,175
TOTAL RECYCLED WATER EXPENSE	\$ 1,270,360	\$ 1,357,175



Yucaipa Valley Water District

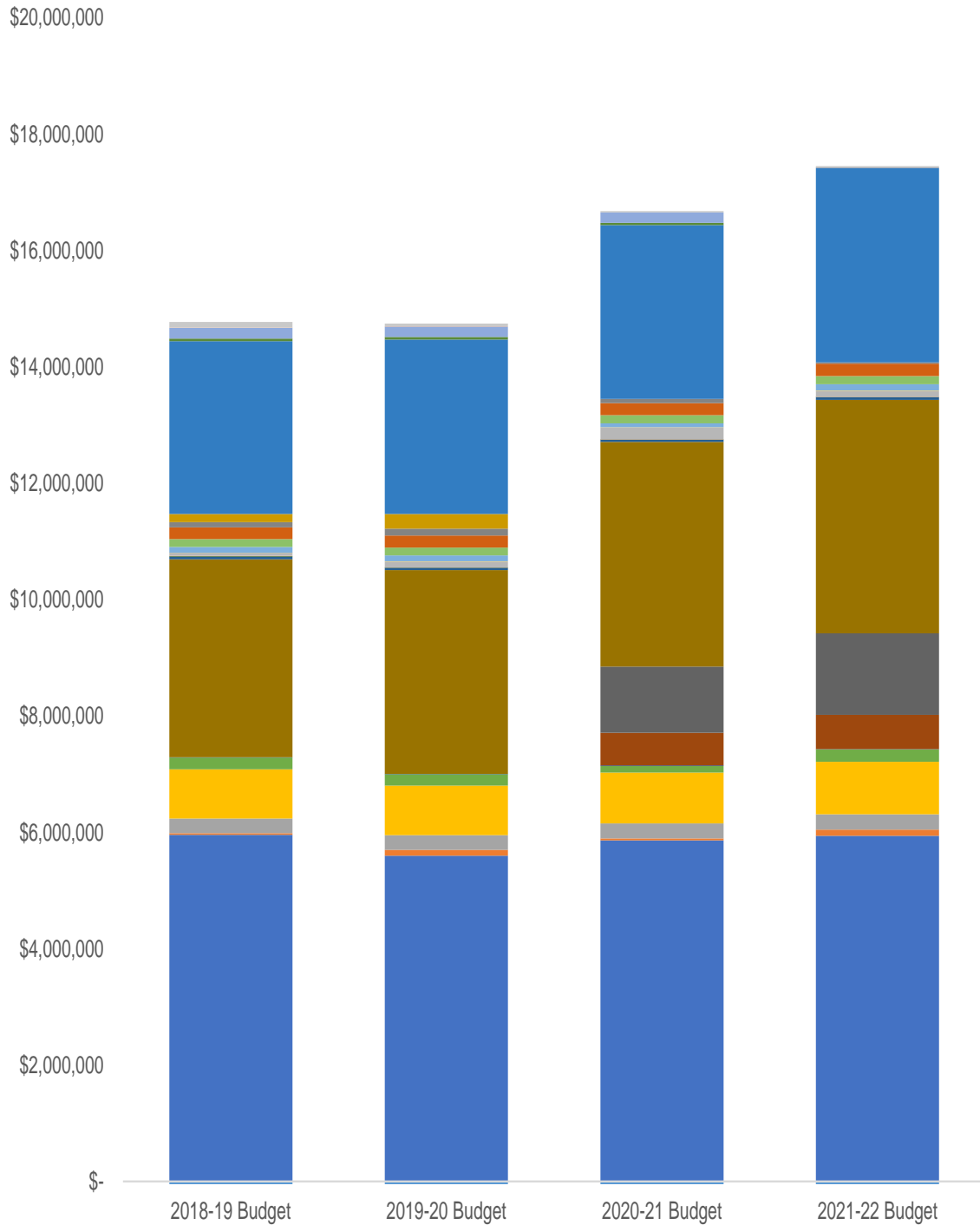
Chapter Two

Fiscal Year 2022

Water Division
Operating Budget

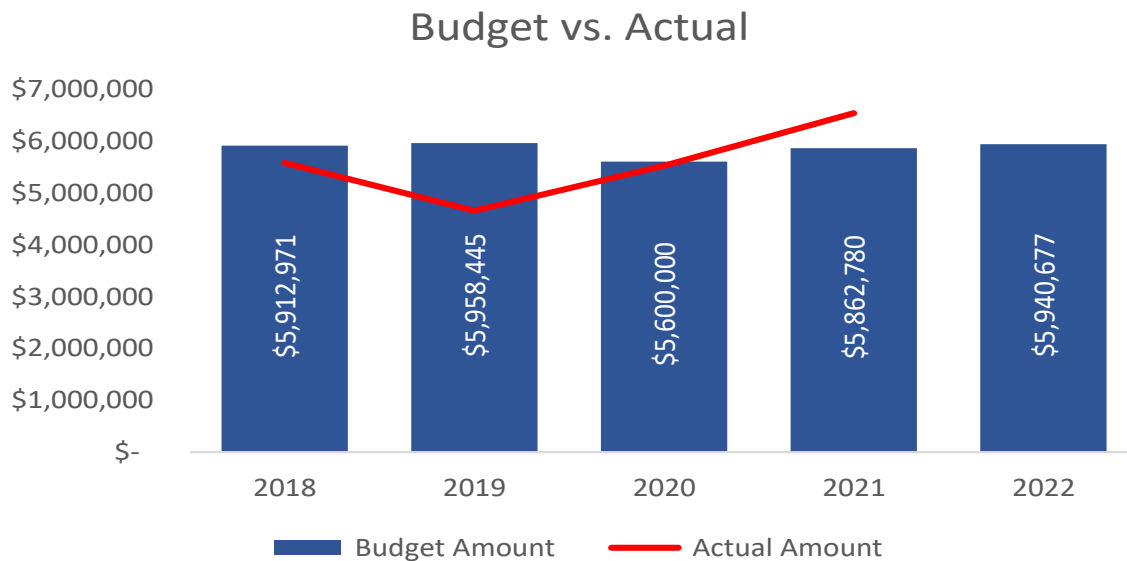
Water Division Revenue Analysis

Revenue Budget

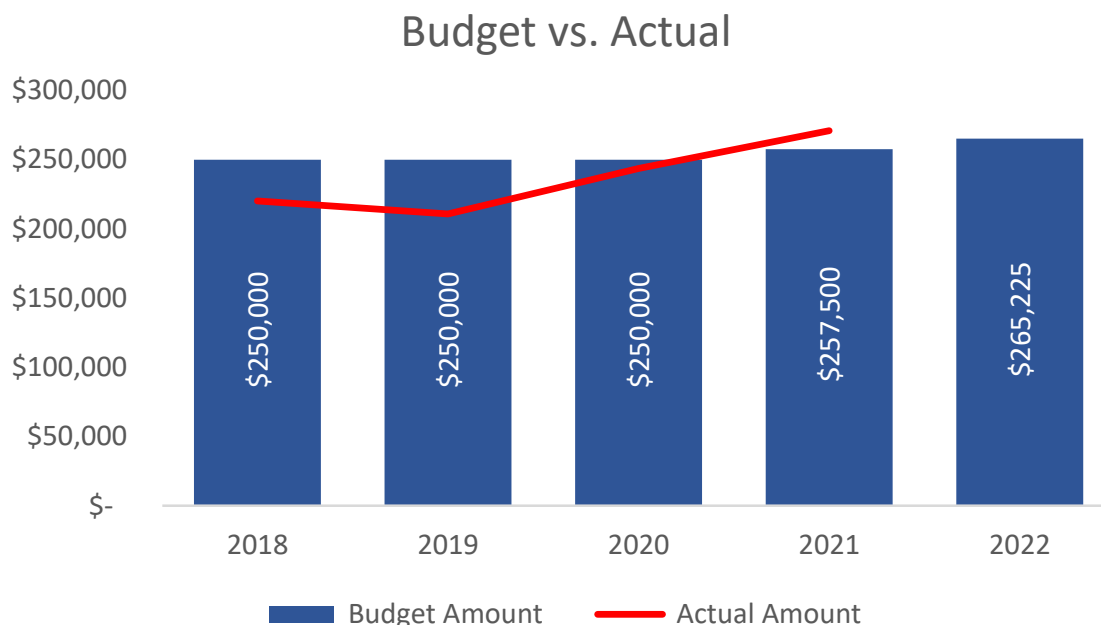


Account	2017-18 Actual	2018-19 Budget	2018-19 Actual	2019-20 Budget	2019-20 Actual	2020-21 Budget	2020-21 Actual	2021-22 Budget	Increase (Decrease) in Budget	Increase (Decrease) %
02-400-40010. Sales-Water & Non Potable	\$ 5,580,812	\$ 5,958,445	\$ 4,654,690	\$ 5,600,000	\$ 5,522,224	\$ 5,862,780	\$ 6,536,858	\$ 5,940,677	\$ 77,897	1.3%
02-400-40011. Sales-Construction Water	\$ 33,756	\$ 25,000	\$ 74,334	\$ 100,000	\$ 26,173	\$ 30,000	\$ 44,919	\$ 104,040	\$ 74,040	246.8%
02-400-40012. Sales-Imported Water-SGPWA	\$ 220,231	\$ 250,000	\$ 210,750	\$ 250,000	\$ 243,659	\$ 257,500	\$ 270,820	\$ 265,225	\$ 7,725	3.0%
02-400-40013. Sales-Imported Water-MUNI	\$ 776,225	\$ 850,000	\$ 634,927	\$ 850,000	\$ 750,337	\$ 875,500	\$ 832,808	\$ 901,765	\$ 26,265	3.0%
02-400-40014. Sales-Disc (Multi Unit) Commdy	\$ (108,606)	\$ (110,000)	\$ (96,075)	\$ (110,000)	\$ (105,618)	\$ (110,000)	\$ (120,973)	\$ (110,000)	\$ -	0.0%
02-400-40015. Sales-Wholesale Water	\$ 121,120	\$ 200,000	\$ 84,274	\$ 200,000	\$ 93,831	\$ 115,000	\$ 209,301	\$ 212,180	\$ 97,180	84.5%
02-400-40016. Sales-Establish Service Fee	\$ 1,000	\$ 5,000	\$ 7,450	\$ 6,000	\$ 7,500	\$ 6,120	\$ 7,033	\$ 6,242	\$ 122	2.0%
02-400-40017. Sales-Excess Drinking Water	\$ -	\$ -	\$ -	\$ -	\$ 67,684	\$ 564,756	\$ 252,957	\$ 587,062	\$ 22,306	3.9%
02-400-40018. Sales-Infrastructure	\$ -	\$ -	\$ -	\$ -	\$ 173,830	\$ 1,136,669	\$ 707,428	\$ 1,399,377	\$ 262,708	23.1%
02-400-41000. Sales-Service Demand Charges	\$ 3,175,597	\$ 3,400,000	\$ 2,996,014	\$ 3,500,000	\$ 3,221,297	\$ 3,859,820	\$ 3,695,871	\$ 4,017,585	\$ 157,765	4.1%
02-400-41001. Sales-Fire Srv Standby Fees	\$ 28,551	\$ 45,000	\$ 38,197	\$ 40,000	\$ 45,206	\$ 40,800	\$ 59,487	\$ 41,616	\$ 816	2.0%
02-400-41003. Sales-Const Water Minimum Chg	\$ 2,699	\$ 15,000	\$ 3,307	\$ 5,000	\$ 2,252	\$ 5,100	\$ 3,572	\$ 5,202	\$ 102	2.0%
02-400-41005. Sales-Disc (Multi Units)-SC	\$ (136,475)	\$ (135,000)	\$ (127,465)	\$ (135,000)	\$ (131,673)	\$ (128,250)	\$ (143,934)	\$ (121,838)	\$ 6,412	-5.0%
02-400-41010. Unauthorized Use of Water Chrg	\$ 375	\$ 2,000	\$ -	\$ 2,000	\$ -	\$ 2,040	\$ -	\$ 2,081	\$ 41	2.0%
02-400-41110. Meter/Lateral Installation	\$ 30,270	\$ 50,000	\$ 278,701	\$ 100,000	\$ 274,478	\$ 200,000	\$ 261,079	\$ 104,040	\$ (95,960)	-48.0%
02-400-41112. Fire Flow Test Fees	\$ 4,650	\$ 4,500	\$ 4,625	\$ 4,500	\$ 5,825	\$ 4,590	\$ 8,800	\$ 4,682	\$ 92	2.0%
02-400-41113. Disconnect & Reconnect Fees	\$ 71,870	\$ 100,000	\$ 74,700	\$ 100,000	\$ 27,848	\$ 70,000	\$ -	\$ 106,090	\$ 36,090	51.6%
02-400-41121. Delinquent Payment Charges	\$ 128,096	\$ 135,000	\$ 118,329	\$ 135,000	\$ 93,128	\$ 139,050	\$ -	\$ 143,222	\$ 4,172	3.0%
02-400-41124. Bad Debt Write-Off & Recovery	\$ (7,511)	\$ (20,000)	\$ (14,871)	\$ (20,000)	\$ (12,122)	\$ (20,400)	\$ 2,898	\$ (20,808)	\$ (408)	2.0%
02-421-42122. Revenue - Other, Operating	\$ -	\$ -	\$ 285	\$ -	\$ 7,129	\$ -	\$ 436	\$ -	\$ -	
02-421-42123. Admin, Management & Acctg Fees	\$ 189,000	\$ 202,500	\$ 202,500	\$ 210,000	\$ 210,000	\$ 206,550	\$ 206,550	\$ 210,681	\$ 4,131	2.0%
02-430-43010. Interest Earned	\$ 91,780	\$ 85,000	\$ 107,222	\$ 115,000	\$ 68,747	\$ 70,000	\$ 23,925	\$ 25,000	\$ (45,000)	-64.3%
02-431-43110. Property Tax - Unsecured	\$ 51,147	\$ 140,000	\$ 115,625	\$ 250,000	\$ 119,709	\$ -	\$ 125,000	\$ -	\$ -	
02-431-43120. Property Tax - Secured	\$ 2,697,934	\$ 2,973,500	\$ 2,886,495	\$ 3,000,000	\$ 2,851,492	\$ 2,988,863	\$ 3,123,618	\$ 3,346,943	\$ 358,080	12.0%
02-431-43130. Tax Collection - Prior	\$ (19,342)	\$ 45,000	\$ 31,335	\$ 45,000	\$ 37,834	\$ 40,000	\$ 36,044	\$ -	\$ (40,000)	-100.0%
02-431-43140. Taxes - Other	\$ 177,918	\$ 184,000	\$ 206,172	\$ 180,000	\$ 238,452	\$ 180,000	\$ 179,862	\$ -	\$ (180,000)	-100.0%
02-480-48002. Grants	\$ -	\$ -	\$ -	\$ 700,000	\$ 765,902	\$ 300,000	\$ 233,750	\$ 75,000	\$ (225,000)	-75.0%
02-480-48901. Contrib Cap-Capacity Fees	\$ 276,123	\$ -	\$ 1,816,328	\$ -	\$ 904,379	\$ -	\$ 1,261,451	\$ -	\$ -	
02-480-48902. Contrib Cap-Sustainability	\$ 74,136	\$ -	\$ 178,227	\$ -	\$ 116,215	\$ -	\$ 167,856	\$ -	\$ -	
02-480-48903. Contrib Cap-SGPWA Suppl Supply	\$ -	\$ -	\$ 28,098	\$ -	\$ 4,683	\$ -	\$ 164,778	\$ -	\$ -	
02-491-49110. Rental Income	\$ 2,860	\$ 3,000	\$ 2,990	\$ 3,000	\$ -	\$ -	\$ -	\$ 3,001	\$ 3,001	
02-491-49150. Revenue - Misc Non-Operating	\$ 61,462	\$ 100,000	\$ 20,614	\$ 45,122	\$ 14,885	\$ 20,000	\$ 877,373	\$ 25,001	\$ 5,001	25.0%
	\$ 13,525,681	\$ 14,507,945	\$ 14,537,776	\$ 15,175,622	\$ 15,645,288	\$ 16,716,488	\$ 19,029,567	\$ 17,274,066	\$ 557,578	3.3%

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.

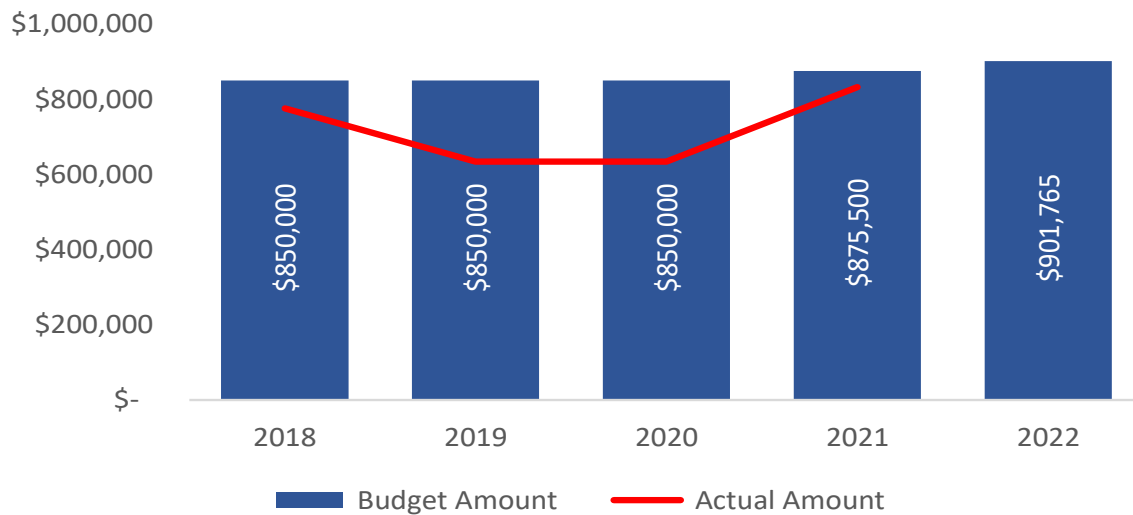


Supplemental Water Sales – Riverside County (02-400-40012): This revenue source applies to all drinking water consumption for the Riverside County portion of the District service area. These funds may be used to acquire, secure, operate, maintain, and obtain a variety of supplemental water sources to 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.



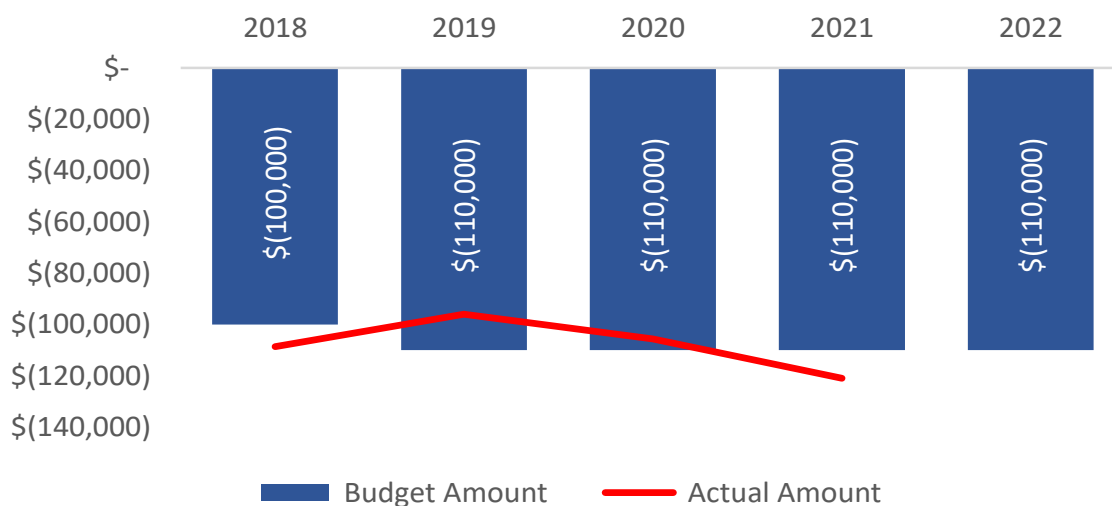
Supplemental Water Sales – San Bernardino County (02-400-40013): This revenue source applies to all drinking water consumption for the San Bernardino County portion of the District service area. These funds may be used to acquire, secure, operate, maintain, and obtain a variety of supplemental water 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.

Budget vs. Actual



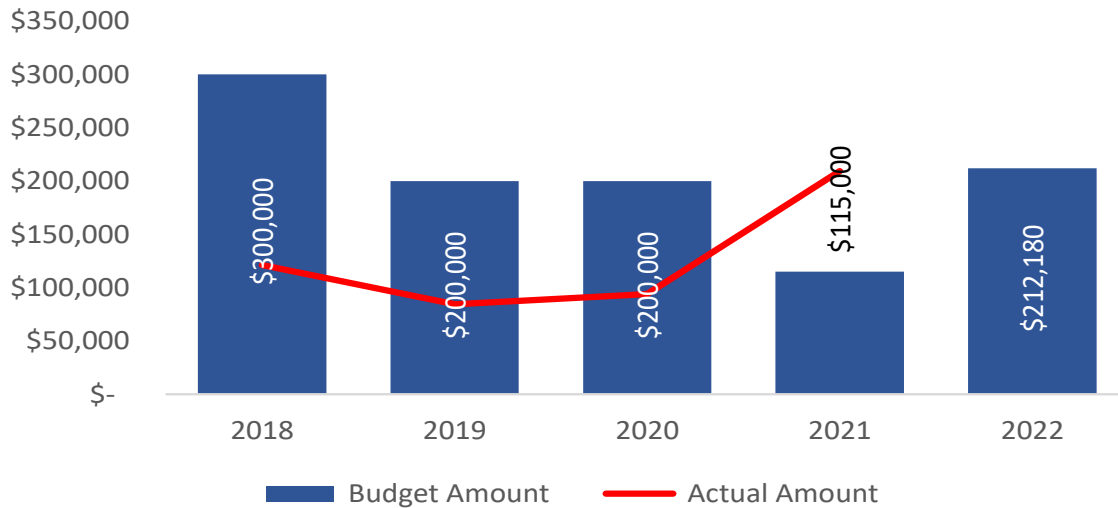
Drinking Water – Commodity Charge Multi-Unit Discount (02-400-40014): The most recent District rate schedule continues to include a discount for the commodity charges for those high-density developments with more than 30 dwelling units constructed prior to March 2005. This discount reflects the differential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

Budget vs. Actual



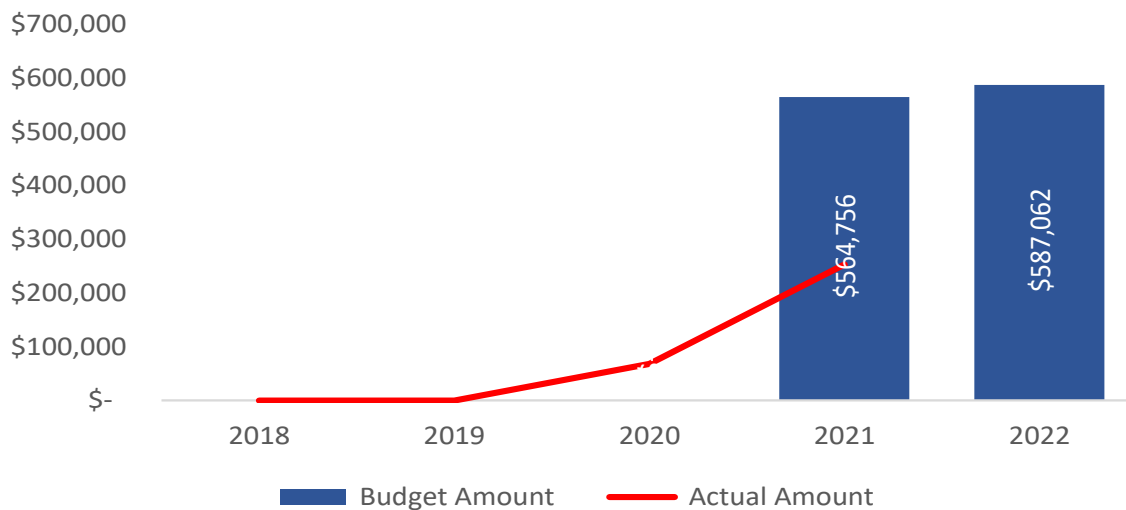
Water Wholesale Revenue (02-400-40015): This revenue source is generated from both the annual purchase of state water and the sale of filtered imported water delivered to one of several existing and proposed water delivery points. The District is only planning on serving Western Heights Mutual Water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

Budget vs. Actual



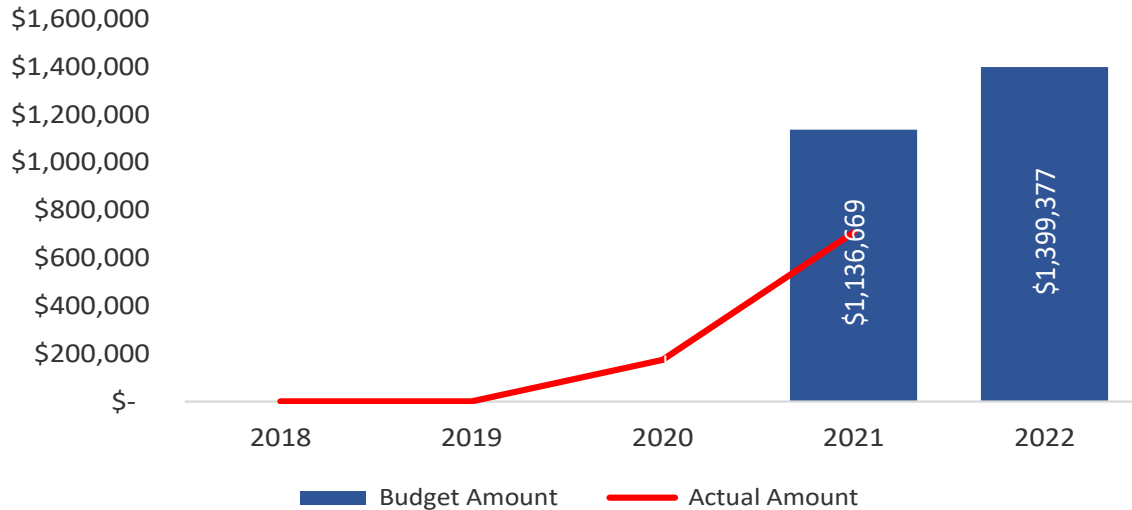
Excess Drinking Water Revenue (02-400-40017): This revenue source is generated from the drinking water used by customers each month that exceeds the quantity of purchased capacity in the system at time the new service was originally established. The excess usage creates additional demand and costs for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

Budget vs. Actual



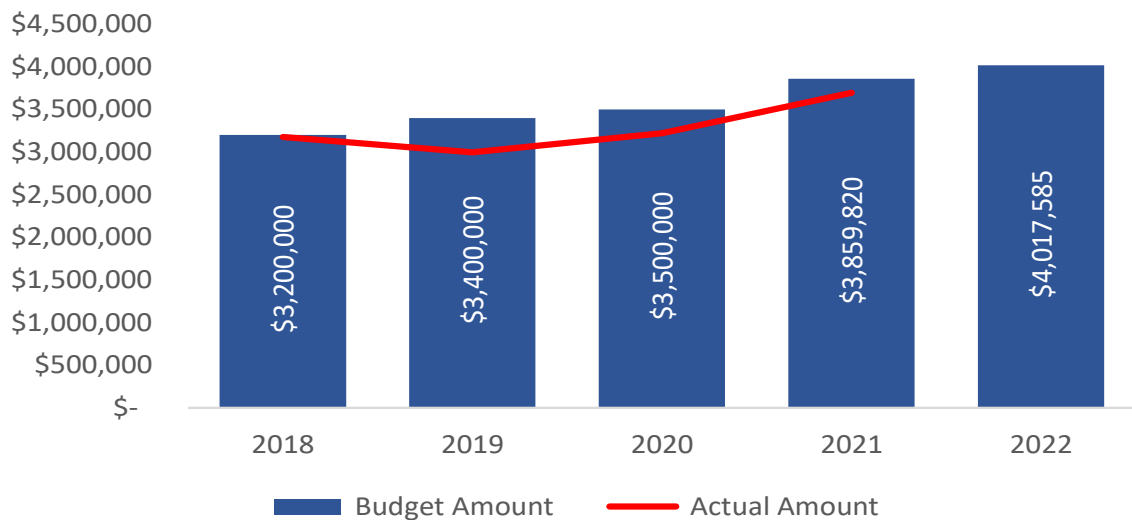
Infrastructure Drinking Water Revenue (02-400-40018): This revenue source applies to each billing unit, or fraction thereof to fund the replacement of infrastructure that supports the drinking water system. This is a new revenue source beginning in 2019-20.

Budget vs. Actual

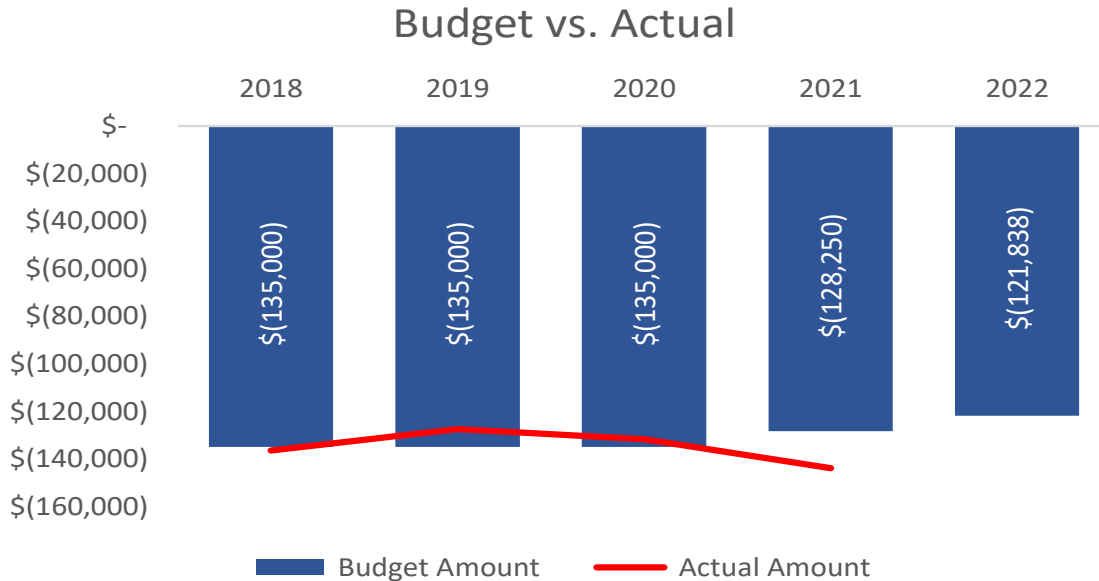


Drinking Water – Service Demand Charge (02-400-41000): This revenue source is the fixed rate component charged to all drinking water customers. Since this is a fixed charge, the estimated amount of revenue derived from this source is fairly constant year to year.

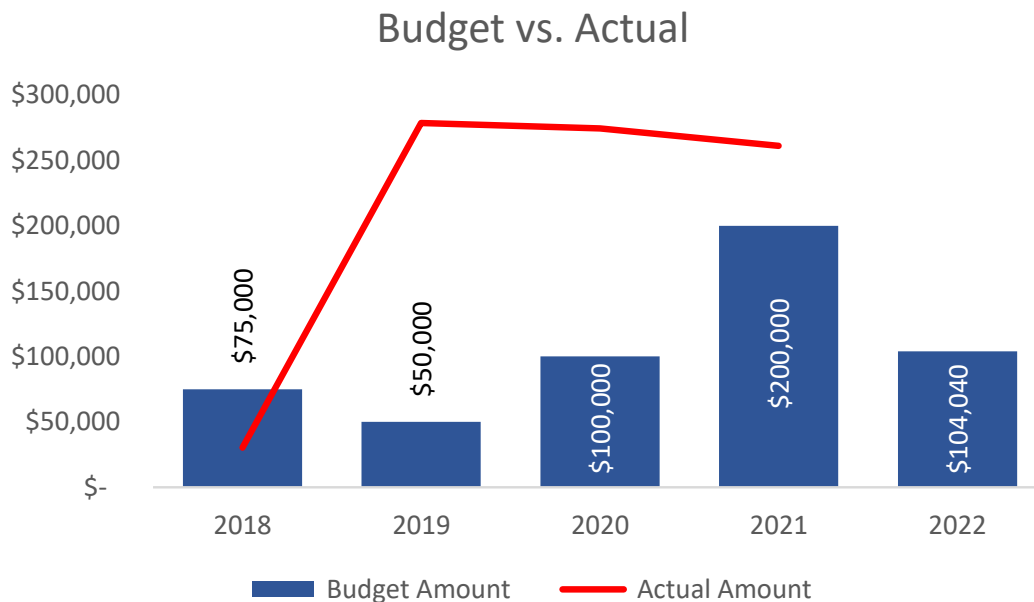
Budget vs. Actual



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.

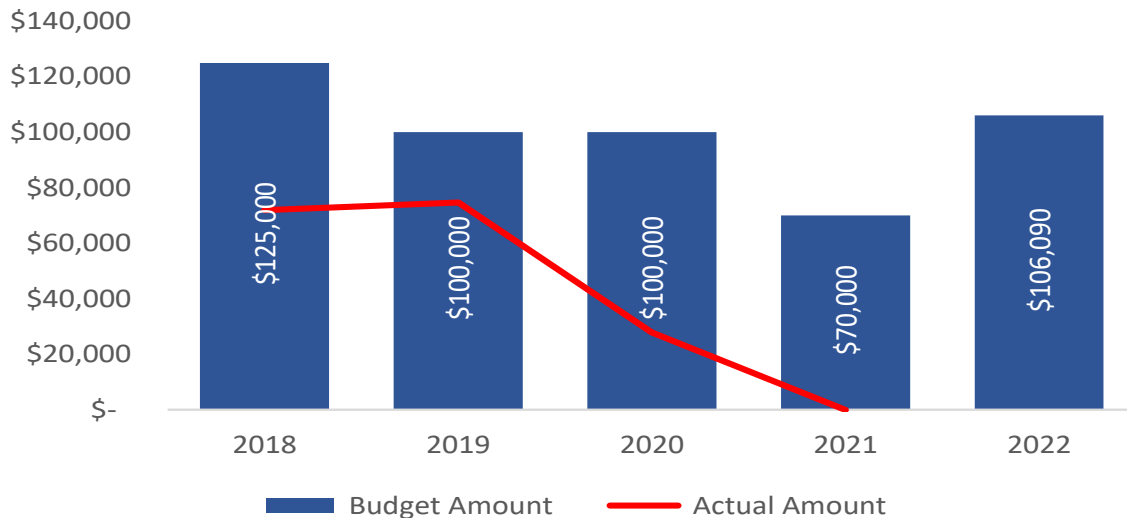


Water Meter & Lateral Installation Charges (02-400-41110): This revenue source is associated with the cost for installing a water meter and service lateral for a new customer. The revenue generated from this source is directly dependent on the number of new water meter installations that occur as a result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



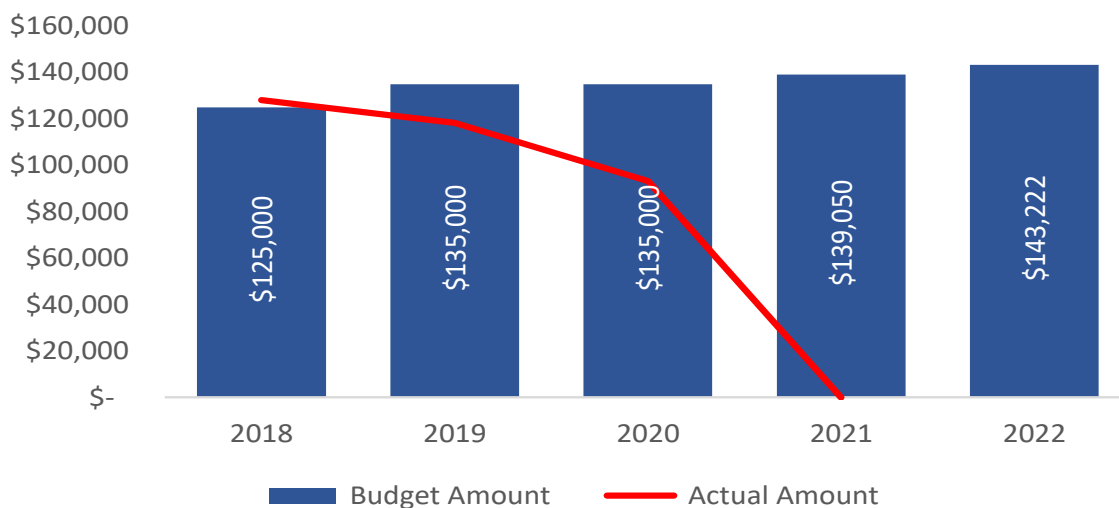
Disconnect & Reconnect Charges (02-400-41113): This revenue source is generated from turning water service off as a result of delinquent payments or closed accounts. This revenue source is generally fairly constant, except for when the costs were adjusted to reflect the true cost of providing this service. Beginning in March 2020, as a result of COVID-19, service disconnections were temporarily suspended until further notice.

Budget vs. Actual

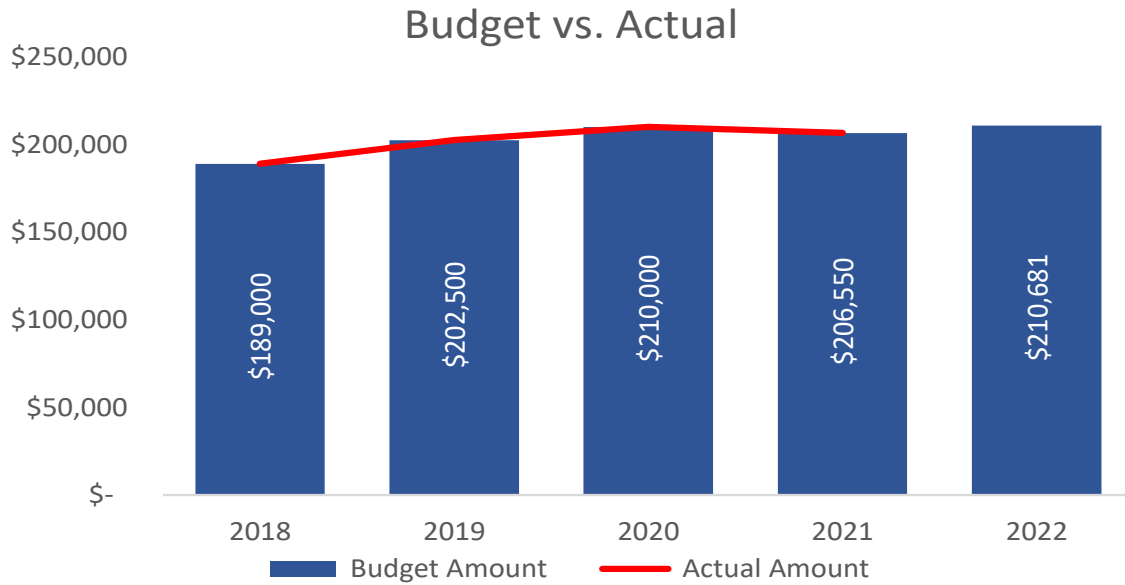


Delinquent Payment Charges (02-400-41121): This revenue source is generated from late payments of drinking water services to the District. The District's late charges are 10% for the first month and 0.5% for any unpaid balance every month thereafter. This late charge is not intended to represent an interest rate or cost of money, but rather a penalty charge for late payment on an account. Beginning in March 2020, as a result of COVID-19, late fees were temporarily suspended. Late fees are estimated to be reinstated in 2021-22.

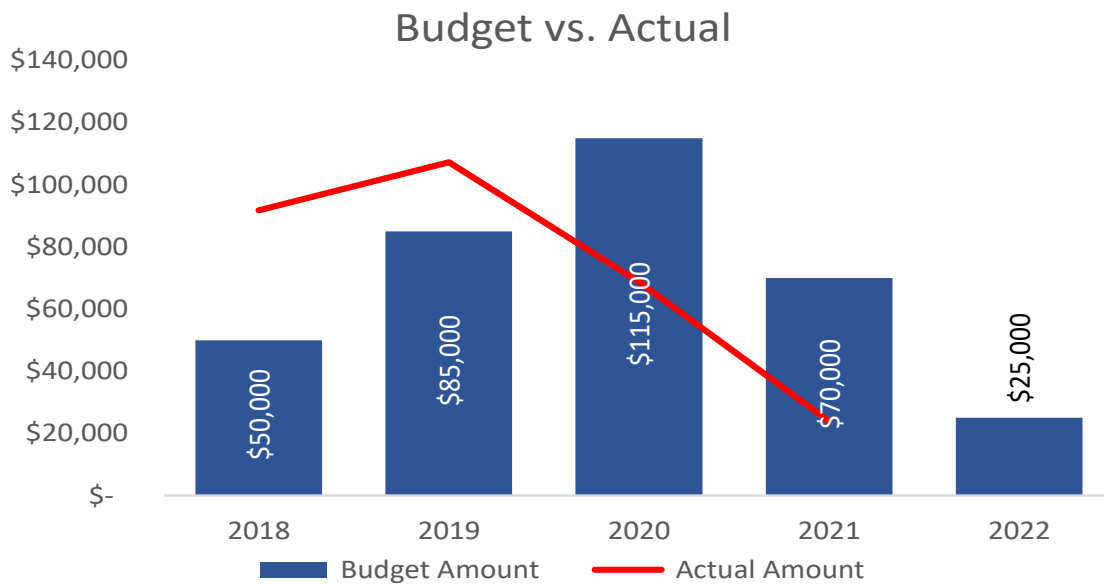
Budget vs. Actual



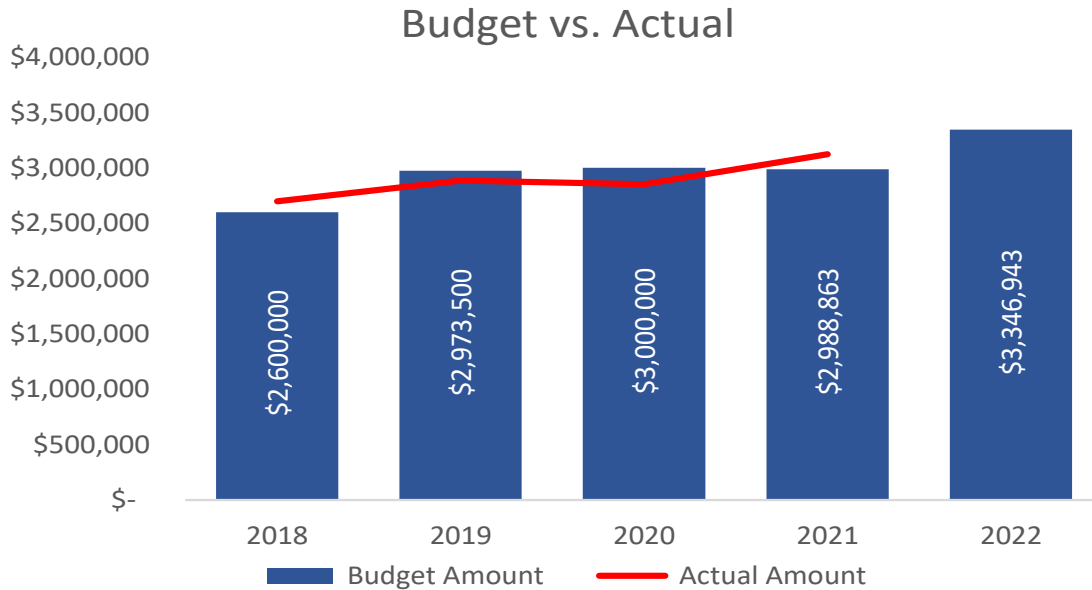
Management & Accounting Services (02-421-42123): This revenue source is a transfer from the sewer division to ensure both the drinking water and sewer divisions pay a fair share of expenses related to administration, accounting and general services.



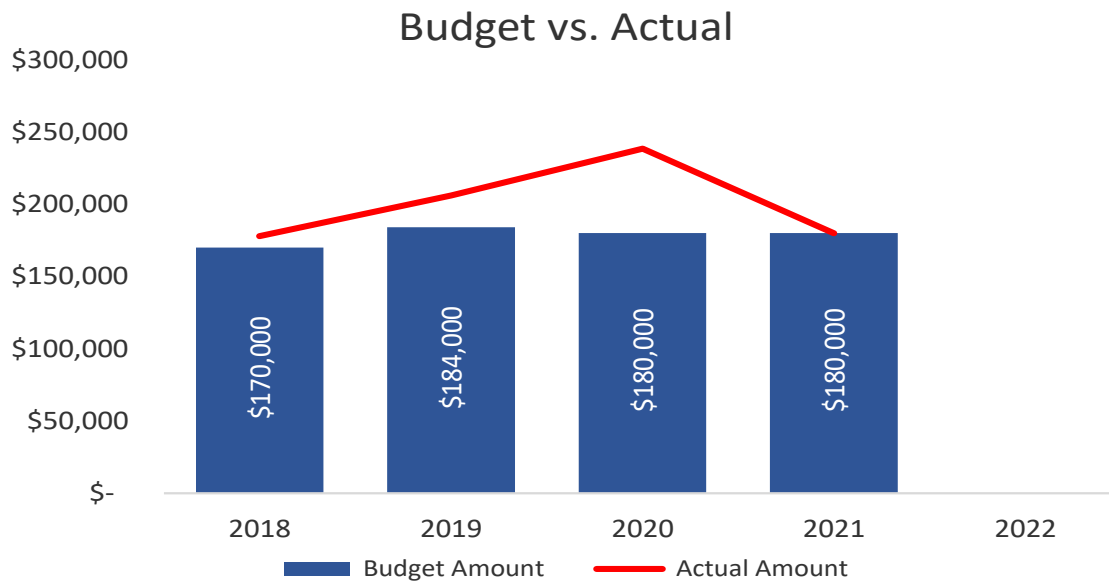
Interest Earned (02-430-43010): This revenue source is generated from the investment interest earnings. The District's investment policy utilizes Local Agency Investment Fund (LAIF) as the predominant investment vehicle. Significantly lesser amounts are invested in the U.S. Securities and money market funds.



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 as land and structures.



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



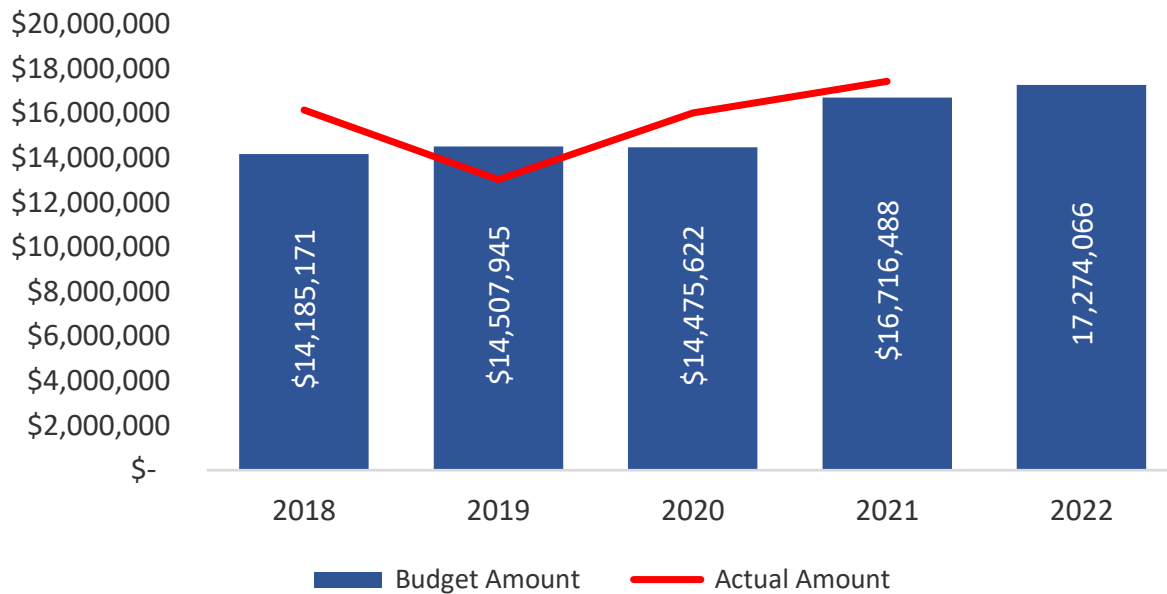
Other sources of operating revenue for the water division include:

- 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)
- Unauthorized Use of Water Charge (02-400-41010)
- Fire Flow Measurements & Reports (02-400-41112)
- Bad Debt Write-Off & Recovery (02-400-41124)
- Revenue – Other, Operating (02-421-42122)
- Property Tax – Unsecured (02-431-43110)
- Rental Income (02-491-49110)
- 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 \$17,274,066 (not including asset acquisitions & capital improvements), which represents an increase of \$557,578 as compared to the prior year modified budget, or a 3.3% increase.

Budget vs. Actual



	Budget Amount		Actual Amount	
2018	\$	14,185,171	\$	16,153,963
2019	\$	14,507,945	\$	13,033,437
2020	\$	14,475,622	\$	16,015,101
2021	\$	16,716,488	\$	17,435,482
2022		17,274,066		

Organizational Structure & Staffing Levels – This year the Drinking Water Division has been allocated labor resources of 39.65 Full-Time Equivalent (FTE) employees¹, which represents a decrease of 0.85 FTE's as compared to the prior year modified budget.

Title	Range	FTE	Expense
General Manager	-	0.45	\$ 153,507
Chief Financial Officer	248	0.45	\$ 107,384
Implementation Manager	236	0.35	\$ 71,842
Public Works Manager	234	0.75	\$ 162,197
Water Resource Manager	233	0.35	\$ 79,051
Operations Manager	231	1.00	\$ 172,211
Regulatory Compliance Manager	229	0.35	\$ 60,715
Senior Integrated Operator	124	1.00	\$ 190,136
Public Works Supervisor	117	3.50	\$ 633,680
Senior Plant Operator	114	1.00	\$ 202,936
Administrative Supervisor	113	0.50	\$ 79,770
Water Resource Specialist	113	0.35	\$ 53,877
Information Systems Specialist	111	0.45	\$ 66,940
Senior Engineering Technician	110	0.35	\$ 52,989
Integrated Operator IV	60	0.50	\$ 93,698
Senior Utility Service Worker	54	2.10	\$ 307,478
Integrated Operator III	53	5.00	\$ 802,098
Utility Service Worker IV	49	1.40	\$ 208,581
Purchasing Agent	45	0.70	\$ 74,651
Water Quality Chemist	45	0.10	\$ 14,187
Utility Service Worker III	44	2.80	\$ 390,621
Integrated Operator II	42	2.50	\$ 334,499
Administrative Assistant I	39	0.50	\$ 67,844
Utility Service Worker II	36	3.50	\$ 420,974
Administrative Clerk IV	35	1.00	\$ 114,325
Utility Service Worker I	32	7.70	\$ 801,313
Administrative Clerk I	23	1.00	\$ 92,630
Total		39.65	\$ 5,810,134

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 16 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 11.10 Full-Time Equivalent (FTE) employees².

Title	Range	FTE	Expense
Operations Manager	231	1.00	\$ 172,211
Senior Integrated Operator	124	1.00	\$ 190,136
Senior Plant Operator	114	1.00	\$ 202,936
Integrated Operator IV	60	1.00	\$ 93,698
Integrated Operator III	53	5.00	\$ 802,098
Water Quality Chemist	45	0.10	\$ 14,187
Integrated Operator II	42	2.50	\$ 334,499
Total		11.10	\$ 1,809,765

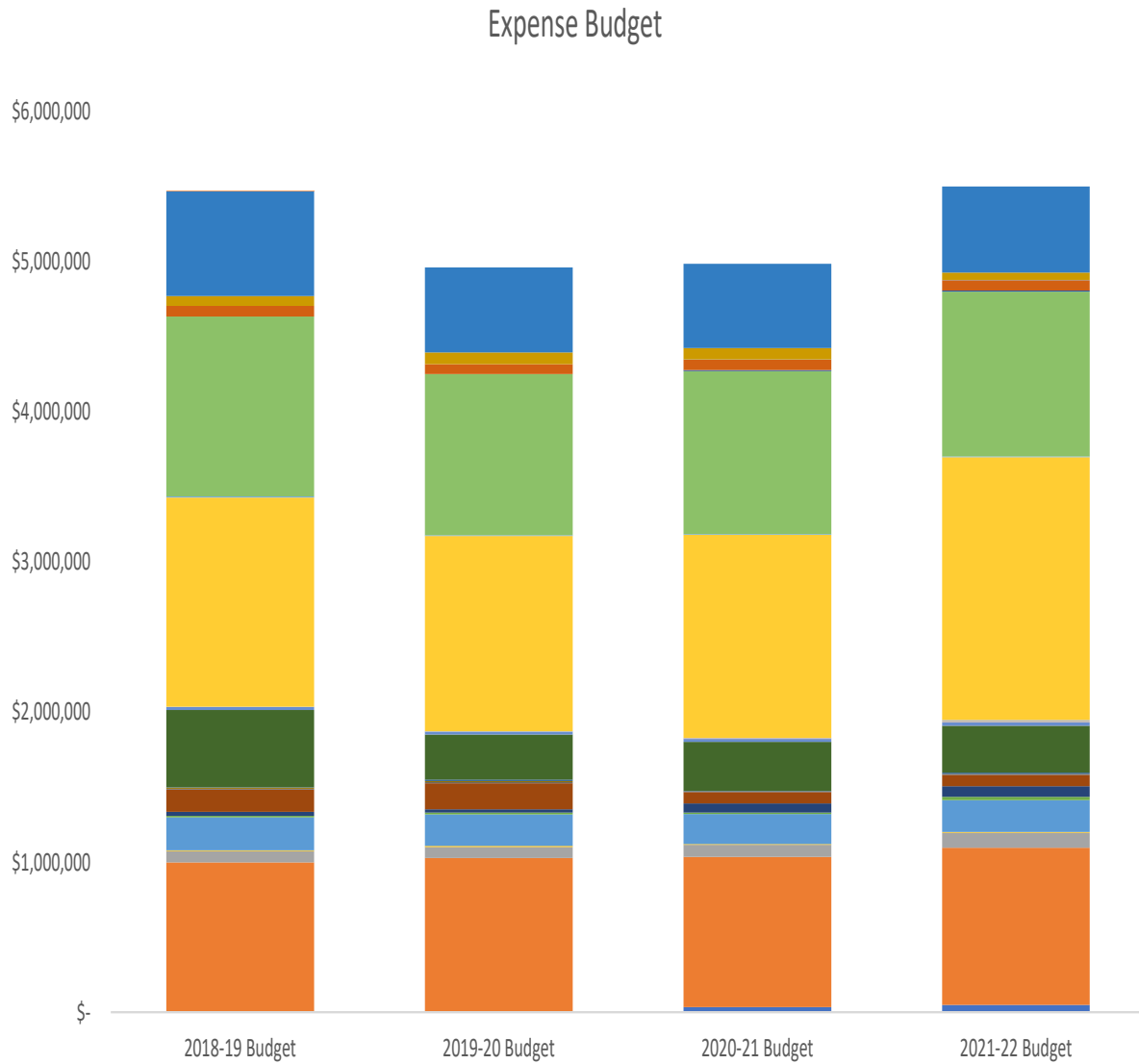
This year, the Water Operations Department will be allocated \$5,500,564 (not including asset acquisitions & capital improvements), which represents an increase of \$514,574 as compared to the prior year modified budget, or a 10.3% increase.

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.



Account	2017-18 Budget	2017-18 Actual	2018-19 Budget	2018-19 Actual	2019-20 Budget	2019-20 Actual	2020-21 Budget	2020-21 Actual	2021-22 Budget	Increase (Decrease) in Budget	Increase (Decrease) %
02-501-50009. Labor - Overtime	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 21,559	\$ 35,447	\$ 58,250	\$ 49,944	\$ 14,497	40.9%
02-501-50010. Labor	\$ 832,563	\$ 806,358	\$ 997,976	\$ 832,239	\$ 1,027,703	\$ 882,096	\$ 1,000,914	\$ 1,064,302	\$ 1,046,041	\$ 45,127	4.5%
02-501-50013. Benefits-FICA	\$ 55,800	\$ 65,340	\$ 76,345	\$ 66,462	\$ 73,537	\$ 74,283	\$ 79,279	\$ 90,637	\$ 100,270	\$ 20,991	26.5%
02-501-50014. Benefits-Life Insurance	\$ 3,440	\$ 1,401	\$ 5,568	\$ 1,419	\$ 6,264	\$ 1,716	\$ 4,899	\$ 1,690	\$ 3,863	\$ (1,036)	-21.1%
02-501-50016. Benefits-Health & Def Comp	\$ 144,480	\$ 188,484	\$ 218,544	\$ 190,299	\$ 211,826	\$ 227,569	\$ 201,304	\$ 254,265	\$ 212,989	\$ 11,685	5.8%
02-501-50017. Benefits-Disability Insurance	\$ 6,565	\$ 11,152	\$ 8,982	\$ 11,840	\$ 11,004	\$ 14,209	\$ 9,326	\$ 15,322	\$ 23,332	\$ 14,006	150.2%
02-501-50019. Benefits-Workers Compensation	\$ 19,693	\$ 27,026	\$ 26,945	\$ 25,655	\$ 23,013	\$ 24,065	\$ 60,398	\$ 34,643	\$ 69,237	\$ 8,839	14.6%
02-501-50021. Benefits-PERS Employee	\$ 51,059	\$ 27,603	\$ -	\$ (7,000)	\$ -	\$ -	\$ -	\$ (826)	\$ -	\$ -	
02-501-50022. Benefits-PERS Employer	\$ 106,500	\$ 52,791	\$ 149,696	\$ 54,751	\$ 173,405	\$ 58,302	\$ 75,364	\$ 74,332	\$ 77,054	\$ 1,690	2.2%
02-501-50023. Benefits-Uniforms	\$ 2,580	\$ 2,680	\$ 5,800	\$ 2,501	\$ 6,525	\$ 4,643	\$ 5,050	\$ 3,552	\$ 5,346	\$ 296	5.9%
02-501-50024. Benefits-Vacation & Sick Pay	\$ 7,500	\$ 33,161	\$ 6,001	\$ 6,294	\$ 8,000	\$ 8,000	\$ -	\$ -	\$ -	\$ -	
02-501-50025. Benefits-Boots & Incentives	\$ -	\$ 1,822	\$ 3,480	\$ 900	\$ 8,415	\$ 6,030	\$ 3,330	\$ 3,330	\$ 8,700	\$ 5,370	161.3%
02-501-51003. R&M - Structures	\$ 525,000	\$ 668,779	\$ 515,000	\$ 634,641	\$ 300,000	\$ 518,407	\$ 325,776	\$ 373,586	\$ 312,120	\$ (13,656)	-4.2%
02-501-51011. R&M - Valves	\$ 30,000	\$ 7,855	\$ 20,000	\$ 12,687	\$ 20,000	\$ 5,148	\$ 20,400	\$ 22,626	\$ 20,808	\$ 408	2.0%
02-501-51115. Laboratory Supplies	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,550	\$ -	\$ 2,601	\$ 51	2.0%
02-501-51140. General Supplies & Expenses	\$ 2,500	\$ 2,011	\$ 2,000	\$ 3,920	\$ 3,000	\$ 8,209	\$ 5,000	\$ 16,000	\$ 16,000	\$ 11,000	220.0%
02-501-51210. Power Purchases	\$ -	\$ 1,361,143	\$ 1,394,000	\$ 1,200,436	\$ 1,300,000	\$ 1,250,506	\$ 1,352,000	\$ 1,729,249	\$ 1,750,000	\$ 398,000	29.4%
02-501-51211. Electricity & Fuel	\$ -	\$ 4,411	\$ 5,000	\$ 4,127	\$ 5,000	\$ 3,620	\$ 5,100	\$ 3,506	\$ 5,202	\$ 102	2.0%
02-501-51316. Supplemental Source of Supply	\$ -	\$ 1,372,267	\$ 1,200,000	\$ 1,092,040	\$ 1,075,000	\$ 821,739	\$ 1,085,750	\$ 724,196	\$ 1,096,608	\$ 10,858	1.0%
02-501-54012. Education & Training	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 9,641	\$ 7,303	\$ 3,648	\$ 7,303	\$ -	0.0%
02-501-54019. Licenses & Permits	\$ 70,000	\$ 51,160	\$ 70,000	\$ 53,446	\$ 65,000	\$ 58,648	\$ 66,300	\$ 66,300	\$ 67,626	\$ 1,326	2.0%
02-501-54025. Telephone & Internet	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,488	\$ 3,000	\$ 3,243	\$ 3,300	\$ 300	10.0%
02-501-54110. Laboratory Services	\$ 50,000	\$ 60,057	\$ 65,000	\$ 74,560	\$ 77,500	\$ 86,115	\$ 76,500	\$ 35,071	\$ 50,000	\$ (26,500)	-34.6%
02-501-57040. YVRWFF-Crystal Creek Exp	\$ 850,000	\$ 978,912	\$ 700,000	\$ 611,957	\$ 567,431	\$ 599,067	\$ 561,000	\$ 640,000	\$ 572,220	\$ 11,220	2.0%
	\$ 2,757,680	\$ 5,724,414	\$ 5,470,337	\$ 4,873,174	\$ 4,962,623	\$ 4,687,060	\$ 4,985,990	\$ 5,216,922	\$ 5,500,564	\$ 514,574	10.3%

Water Division – Water Operations Department

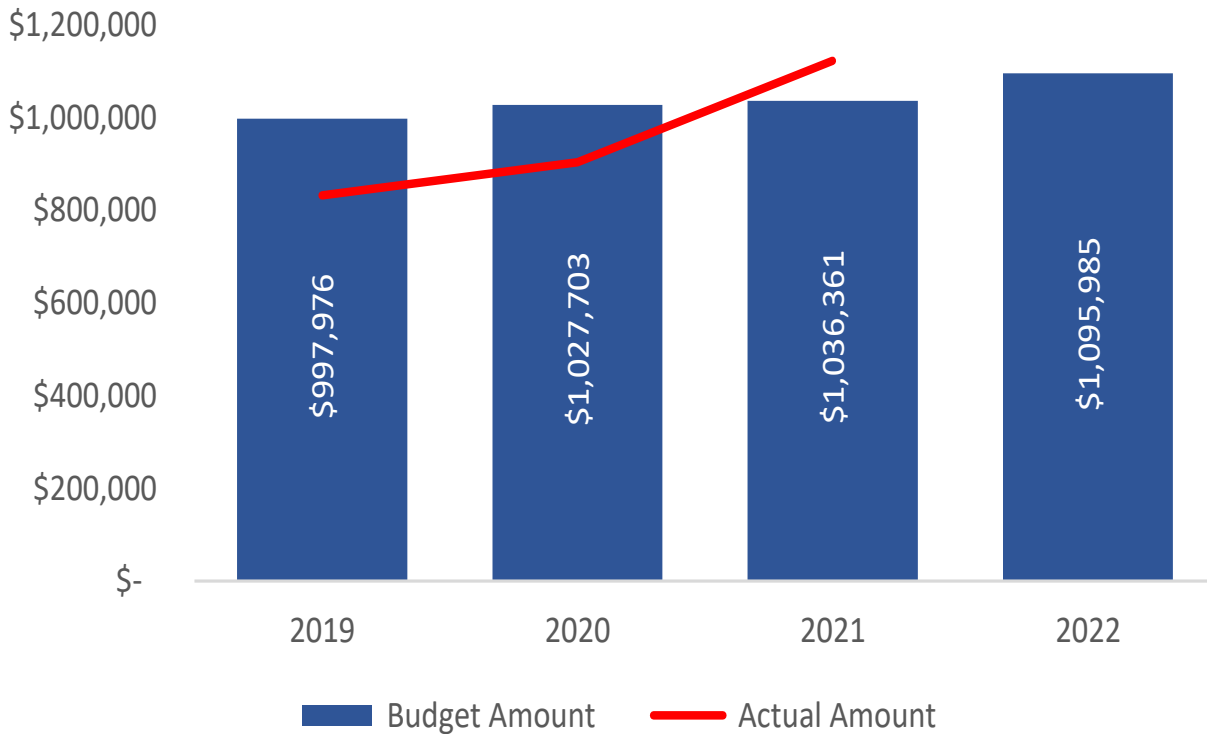
02-501-500xx

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	2017-18 Actual	2018-19 Actual	2019-20 Actual	2020-21 Projection	2021-22 Budget
02-501-50009. Labor - Overtime	\$ -	\$ -	\$ 21,559	\$ 58,250	\$ 49,944
02-501-50010. Labor	\$ 806,358	\$ 832,239	\$ 882,096	\$ 1,064,302	\$ 1,046,041
	<u>\$ 806,358</u>	<u>\$ 832,239</u>	<u>\$ 903,655</u>	<u>\$ 1,122,552</u>	<u>\$ 1,095,985</u>

Budget vs. Actual



Water Division – Water Operations Department

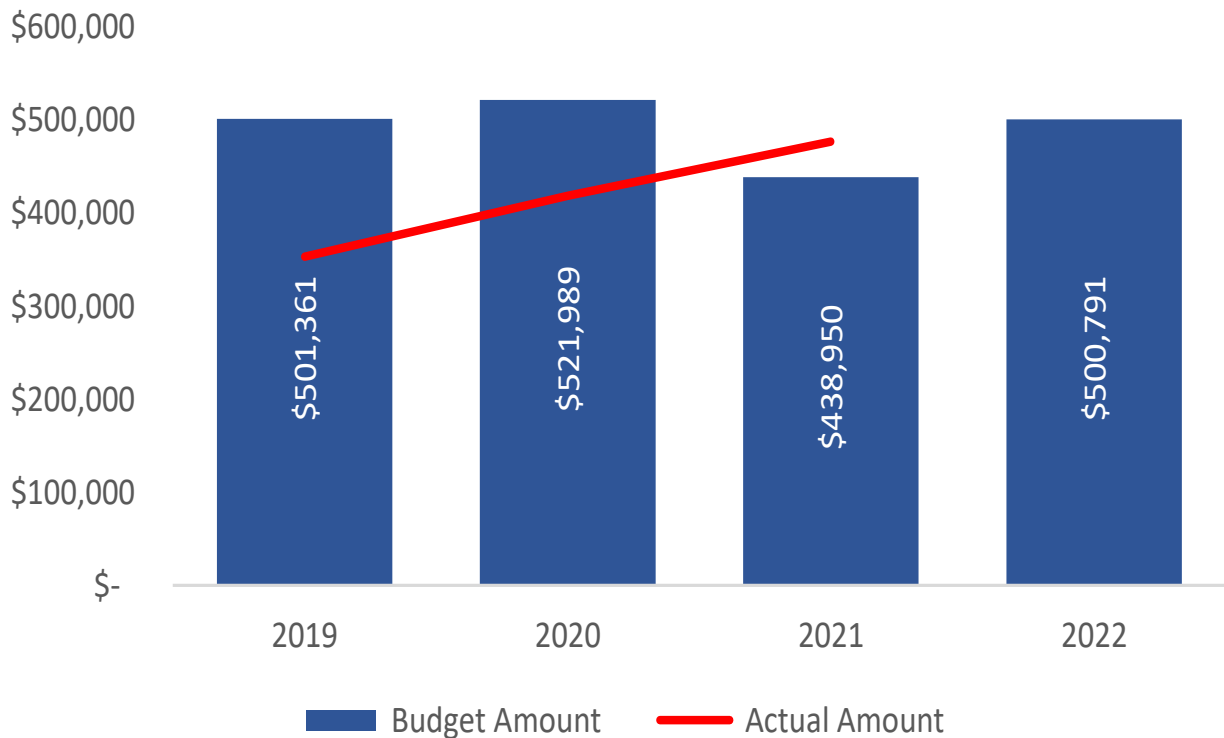
02-501-500xx

Benefits

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

Account	2017-18 Actual	2018-19 Actual	2019-20 Actual	2020-21 Projection	2021-22 Budget
02-501-50013. Benefits-FICA	\$ 65,340	\$ 66,462	\$ 74,283	\$ 90,637	\$ 100,270
02-501-50014. Benefits-Life Insurance	\$ 1,401	\$ 1,419	\$ 1,716	\$ 1,690	\$ 3,863
02-501-50016. Benefits-Health & Def Comp	\$ 188,484	\$ 190,299	\$ 227,569	\$ 254,265	\$ 212,989
02-501-50017. Benefits-Disability Insurance	\$ 11,152	\$ 11,840	\$ 14,209	\$ 15,322	\$ 23,332
02-501-50019. Benefits-Workers Compensation	\$ 27,026	\$ 25,655	\$ 24,065	\$ 34,643	\$ 69,237
02-501-50021. Benefits-PERS Employee	\$ 27,603	\$ (7,000)	\$ -	\$ (826)	\$ -
02-501-50022. Benefits-PERS Employer	\$ 52,791	\$ 54,751	\$ 58,302	\$ 74,332	\$ 77,054
02-501-50023. Benefits-Uniforms	\$ 2,680	\$ 2,501	\$ 4,643	\$ 3,552	\$ 5,346
02-501-50024. Benefits-Vacation & Sick Pay	\$ 33,161	\$ 6,294	\$ 8,000	\$ -	\$ -
02-501-50025. Benefits-Boots & Incentives	\$ 1,822	\$ 900	\$ 6,030	\$ 3,330	\$ 8,700
	\$ 411,461	\$ 353,122	\$ 418,817	\$ 476,945	\$ 500,791

Budget vs. Actual



Water Division – Water Operations Department

02-501-51003

Repair & Maintenance - Structures

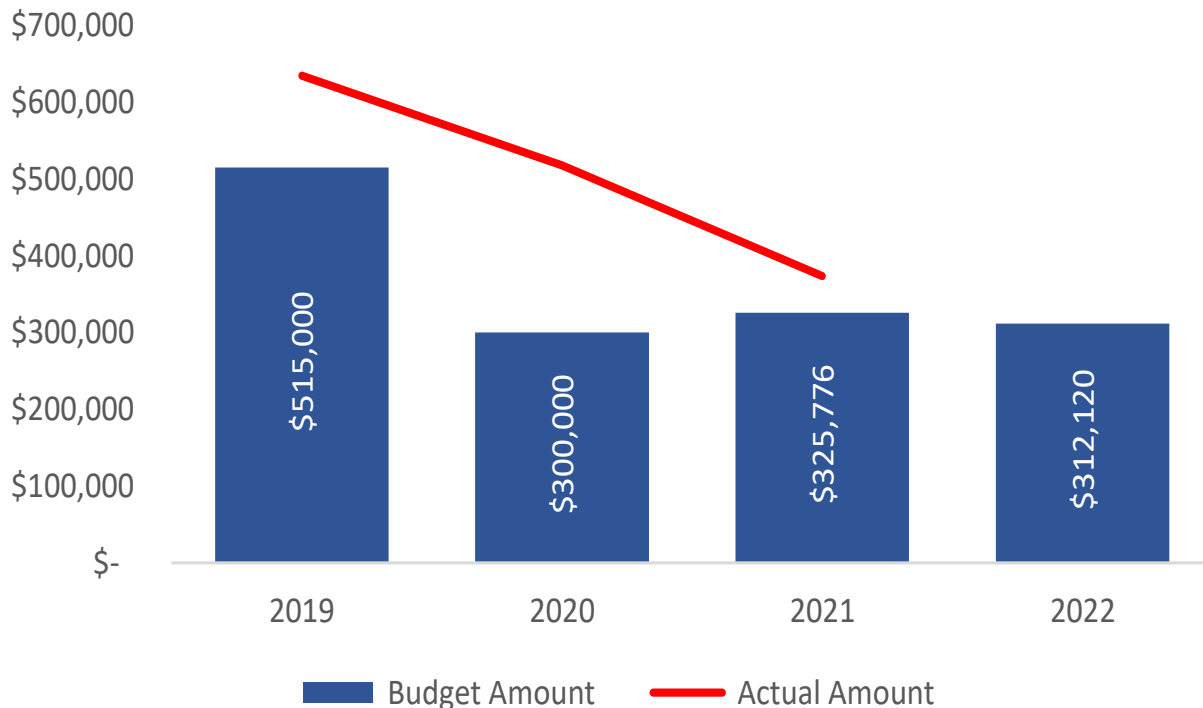
This budget category is used for the maintenance and repair of all water source related facilities. This includes the Oak Glen Surface Water Filtration Facility but not the Yucaipa Valley Regional Water Filtration Facility (02-501-57040). This budget item is also used for the operation, maintenance and procurement of devices related to the District's Supervisory Control and Data Acquisition (SCADA) system and lubricating oil at various sites.

2017-18 Actual	2018-19 Actual	2019-20 Actual	2020-21 Projected	2021-22 Budget
\$ 668,779	\$ 634,641	\$ 518,407	\$ 373,586	\$ 312,120

Line Item Detail:

Well and Booster Rehabilitation of Various Facilities	\$ 101,344
Maintenance of Facility	\$ 65,776
Reservoir Repair and Inspections	\$ 50,000
Electrical Repairs	\$ 40,000
SCADA Upgrades and Maintenance	\$ 40,000
Service and Repair Generators	\$ 10,000
Lubricating Oil	\$ 5,000
Total	\$ 312,120

Budget vs. Actual



Water Division – Water Operations Department

02-501-51011

Repair & Maintenance - Valves

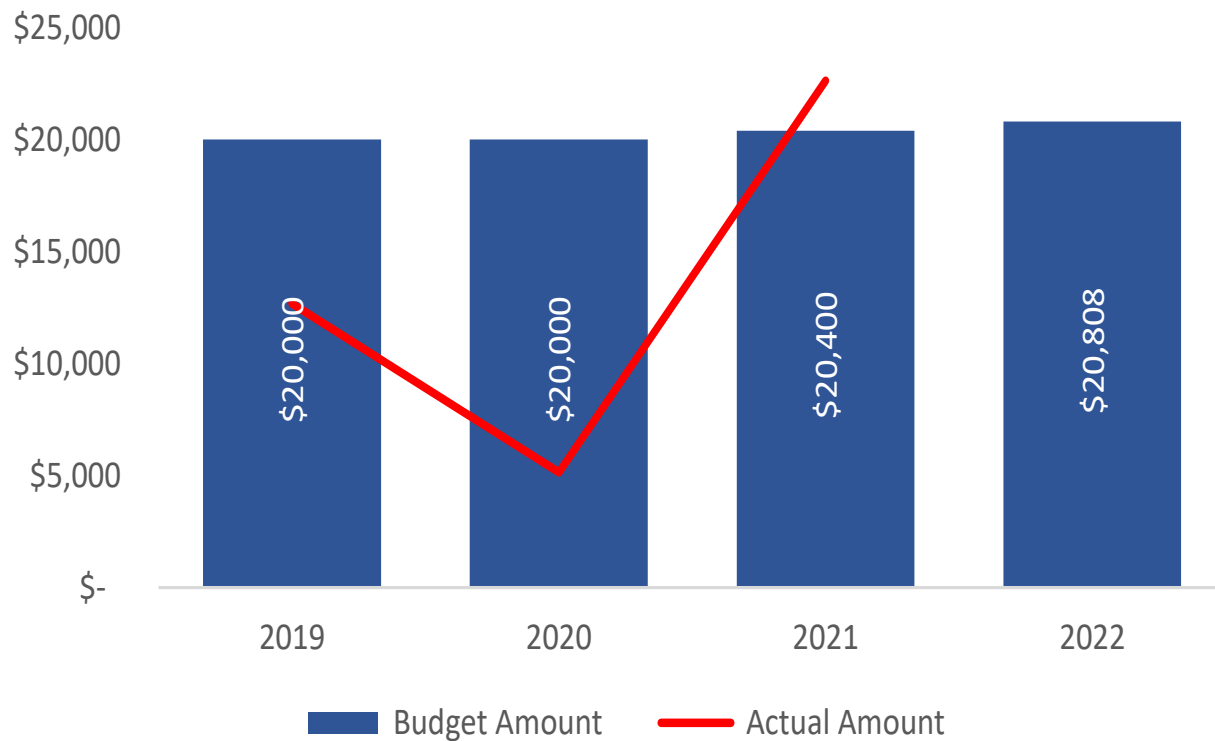
The Water Operations Department has become an integral player in the operation and maintenance of the District's 125 specialty valves. This budget category includes all equipment and parts (excludes all labor) associated with the maintenance of Cla-Valves. For fiscal year 2020-21 the District increased the maintenance needed which will continue into 2021-22 and then taper off and become steadier. This program involves the maintenance of the following types of valves:

55	pressure reducing valves
28	pump control valves
25	float control valves
17	pressure relief valves

2017-18 Actual	2018-19 Actual	2019-20 Actual	2020-21 Projected
\$ 7,855	\$ 12,687	\$ 5,148	\$ 22,626

2021-22 Budget
\$ 20,808

Budget vs. Actual



Water Division – Water Operations Department

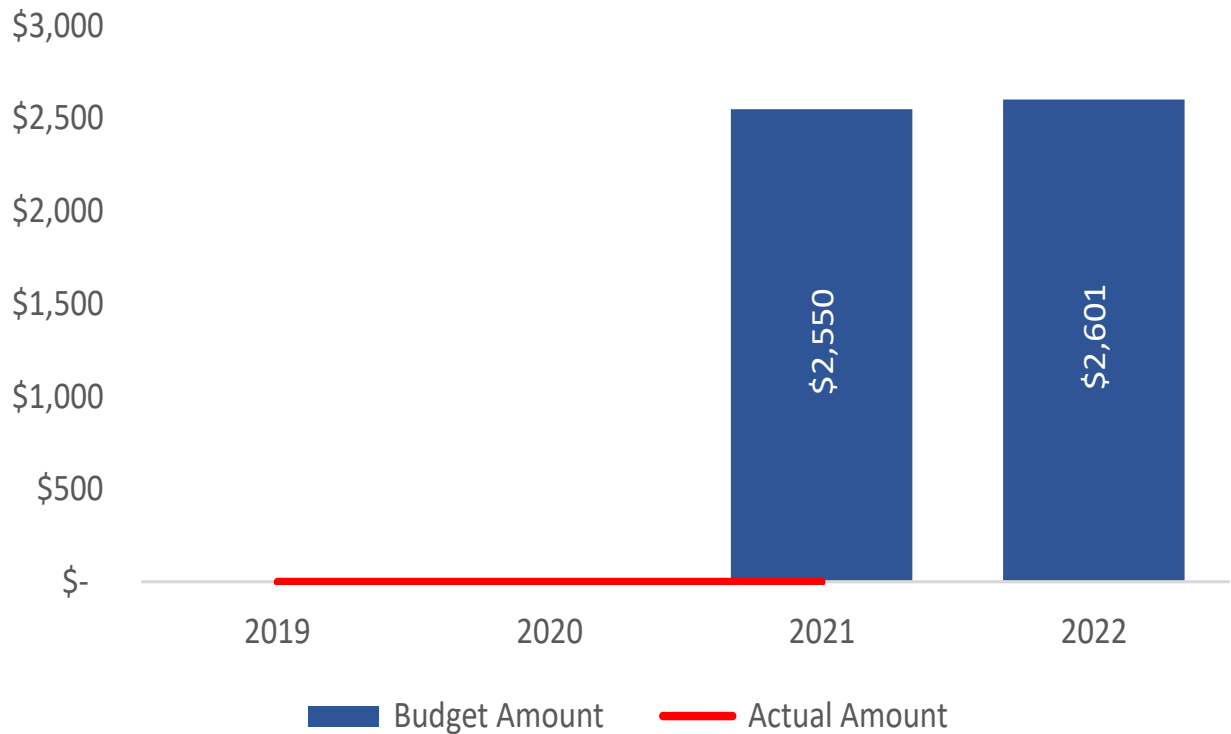
02-501-51115

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.

2017-18 Actual	2018-19 Actual	2019-20 Actual	2020-21 Projected	2021-22 Budget
\$ -	\$ -	\$ -	\$ -	\$ 2,601

Budget vs. Actual



Water Division – Water Operations Department

02-501-51140

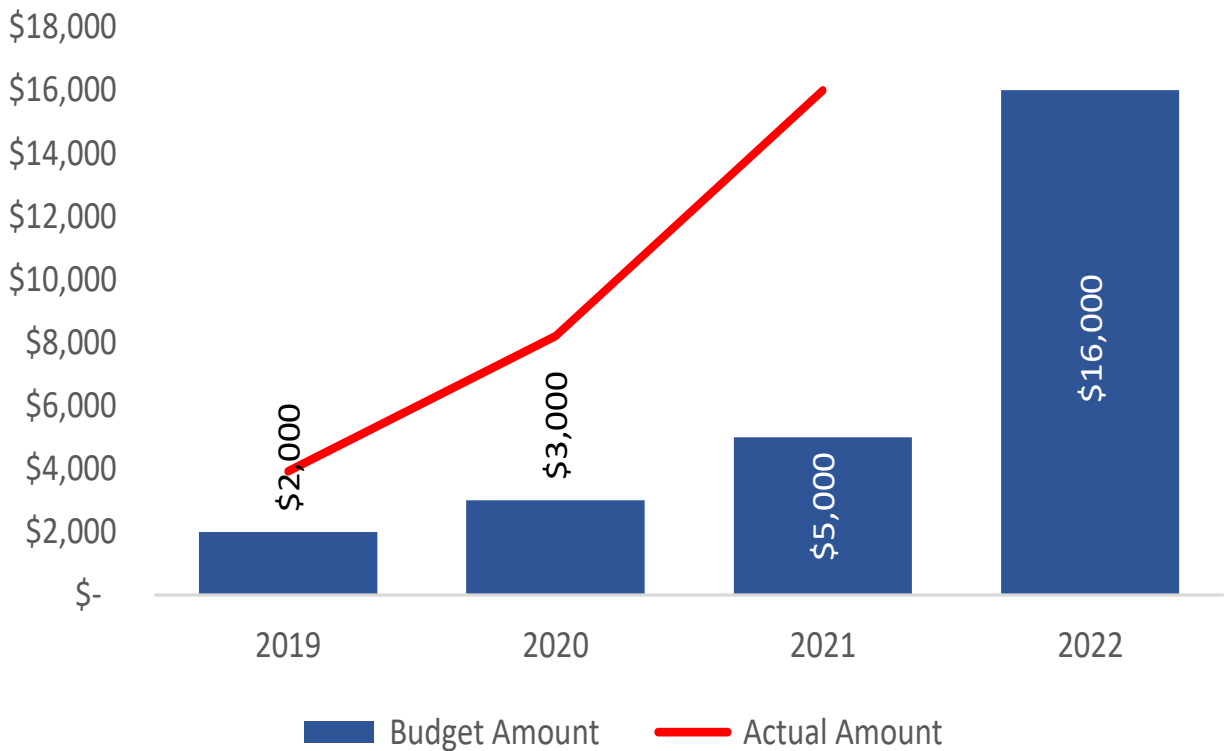
General Supplies & Expenses

This budget includes the miscellaneous supplies and expenses related to the operation of the Water Operations Department.

2017-18 Actual	2018-19 Actual	2019-20 Actual	2020-21 Projected
\$ 2,011	\$ 3,920	\$ 8,209	\$ 16,000

2021-22 Budget
\$ 16,000

Budget vs. Actual



Water Division – Water Operations Department

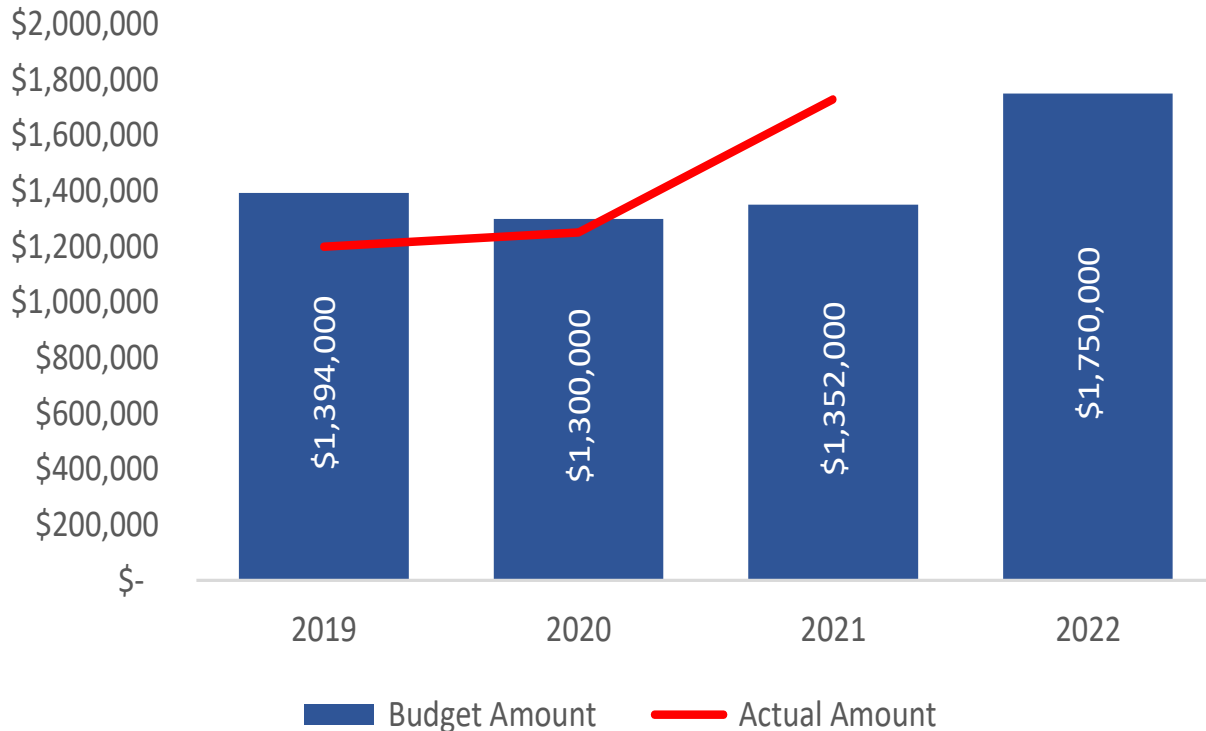
02-501-51210

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.

2017-18 Actual	2018-19 Actual	2019-20 Actual	2020-21 Projected	2021-22 Budget
\$ 1,361,143	\$ 1,200,436	\$ 1,250,506	\$ 1,729,249	\$ 1,750,000

Budget vs. Actual



Water Division – Water Operations Department

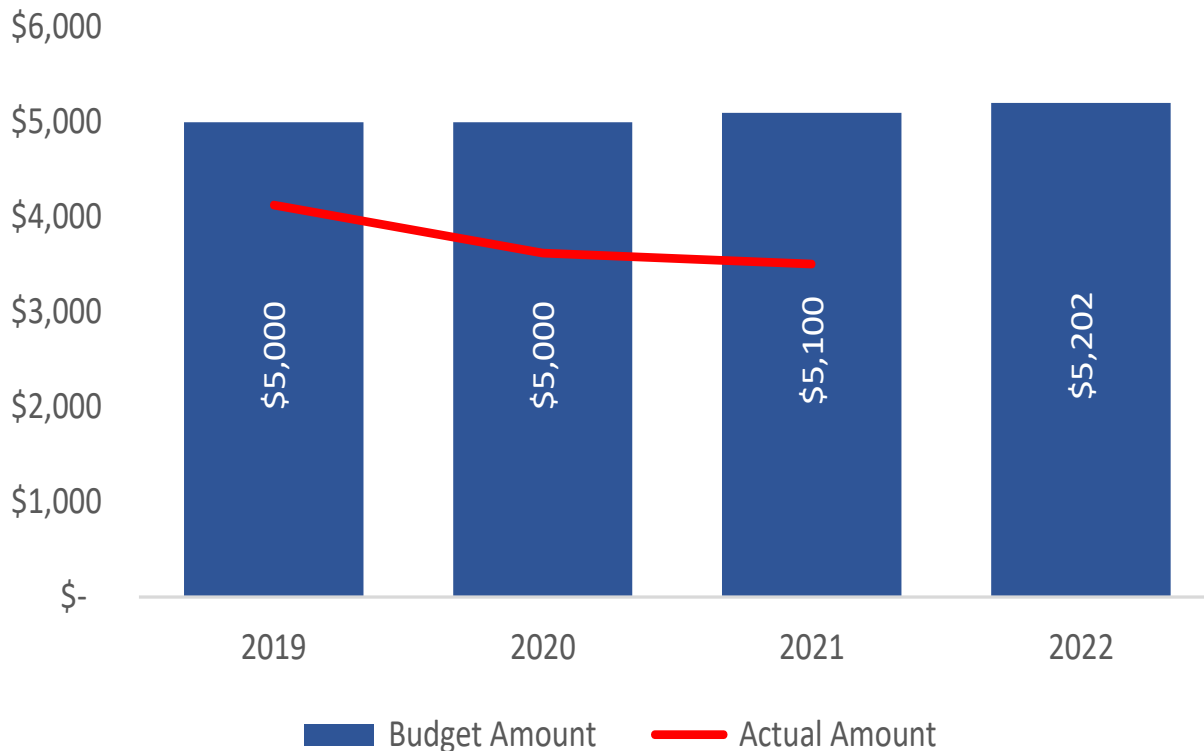
02-501-51211

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).

2017-18 Actual	2018-19 Actual	2019-20 Actual	2020-21 Projected	2021-22 Budget
\$ 4,411	\$ 4,127	\$ 3,620	\$ 3,506	\$ 5,202

Budget vs. Actual



Water Division – Water Operations Department

02-501-51316

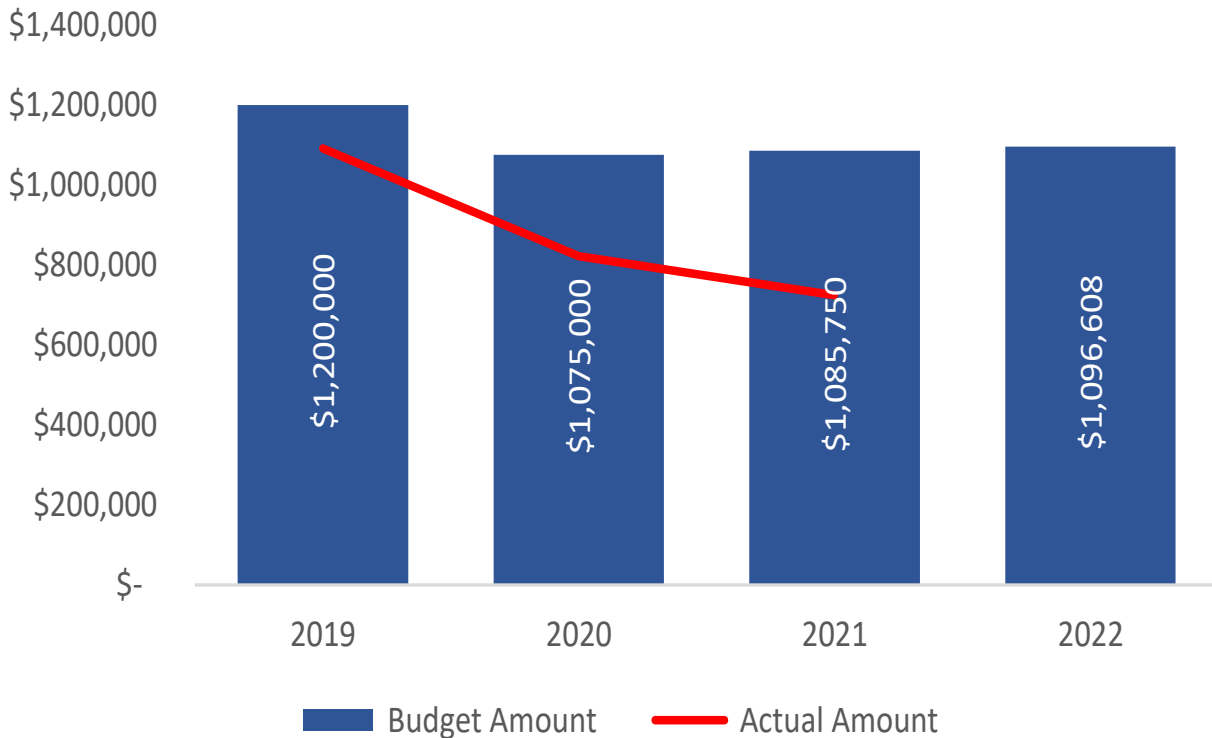
Supplemental Source of Supply

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.

2017-18 Actual	2018-19 Actual	2019-20 Actual	2020-21 Projected
\$ 1,372,267	\$ 1,092,040	\$ 821,739	\$ 724,196

2021-22 Budget
\$ 1,096,608

Budget vs. Actual



Water Division – Water Operations Department

02-501-54012

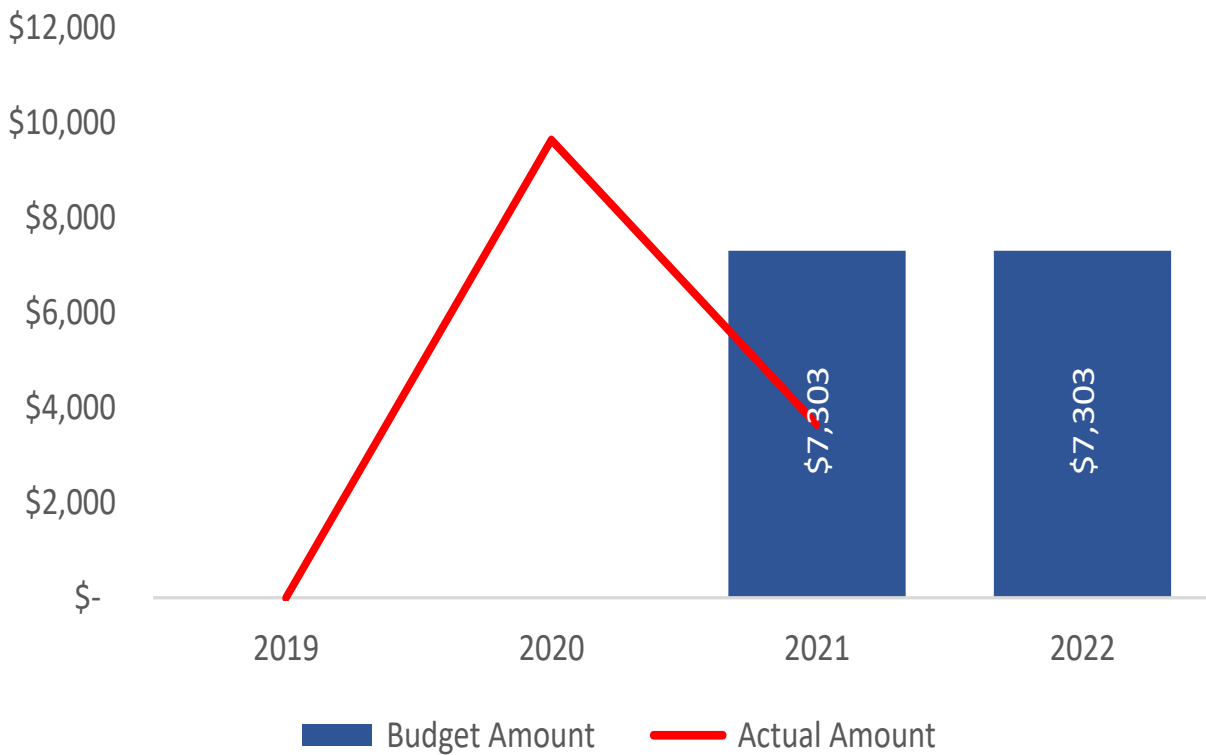
Education & Training

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 Water Operations Department. Previously, all education and training was budgeted in the Administration Department for each division (02-506-54012).

2017-18 Actual	2018-19 Actual	2019-20 Actual	2020-21 Projected
\$ -	\$ -	\$ 9,641	\$ 3,648

2021-22 Budget
\$ 7,303

Budget vs. Actual



Water Division – Water Operations Department

02-501-54019

Licenses & Permits

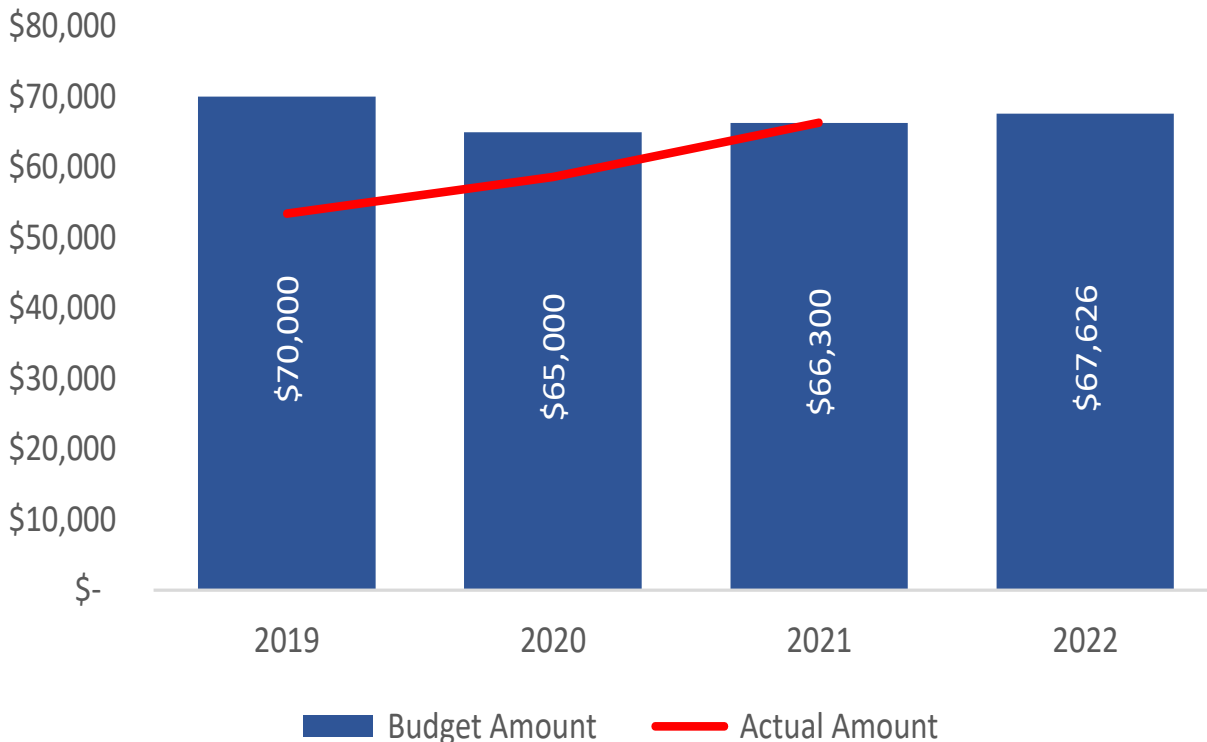
This budget category includes the required annual operating permits for various state and local government agencies. In most cases, the amounts of the fees are established by regulation.

Line Item Detail:

State Water Resources Control Board	\$ 46,326
San Bernardino County Flood Control District	\$ 5,000
San Bernardino Valley Municipal Water District	\$ 5,000
South Coast Air Quality Management District	\$ 5,000
United States Fire Service Permit	\$ 4,000
California Department of Drinking Water	\$ 2,300
Total	\$ 67,626

2017-18 Actual	2018-19 Actual	2019-20 Actual	2020-21 Projected	2021-22 Budget
\$ 51,160	\$ 53,446	\$ 58,648	\$ 66,300	\$ 67,626

Budget vs. Actual



Water Division – Water Operations Department

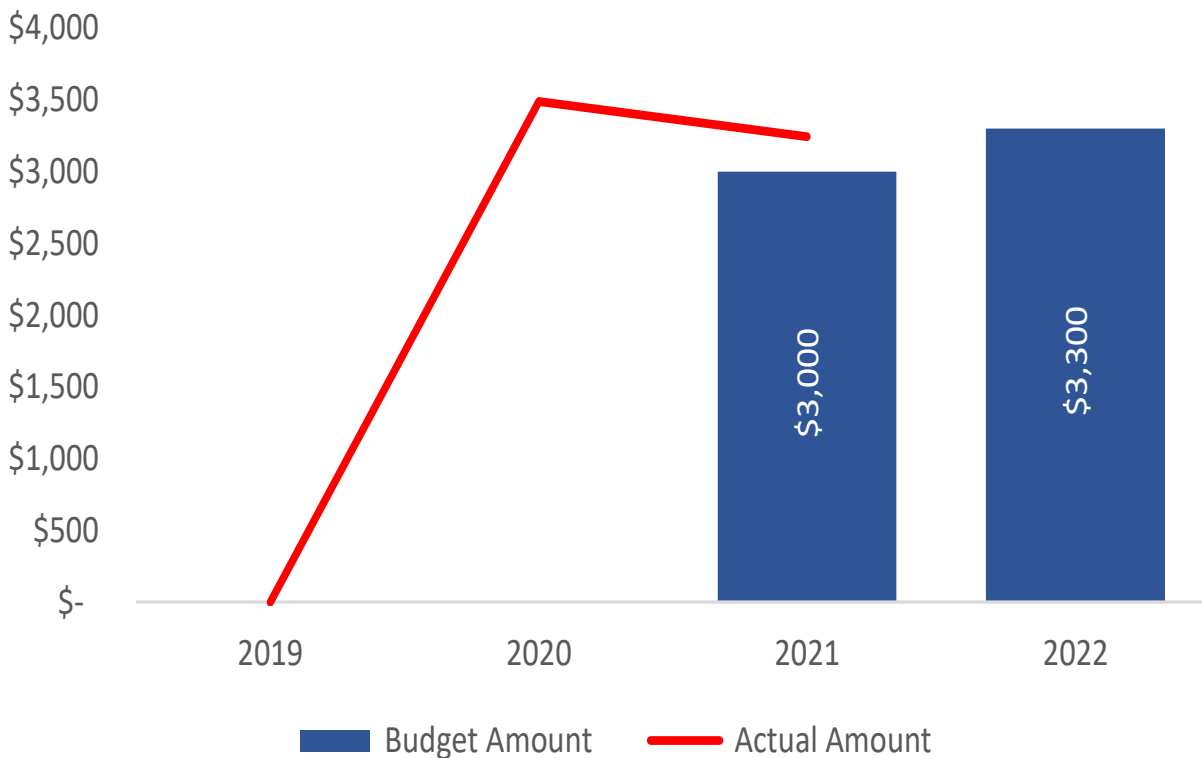
02-501-54025

Telephone & Internet

This budget category is new for 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).

2017-18 Actual	2018-19 Actual	2019-20 Actual	2020-21 Projected	2021-22 Budget
\$ -	\$ -	\$ 3,488	\$ 3,243	\$ 3,300

Budget vs. Actual



Water Division – Water Operations Department

02-501-54110

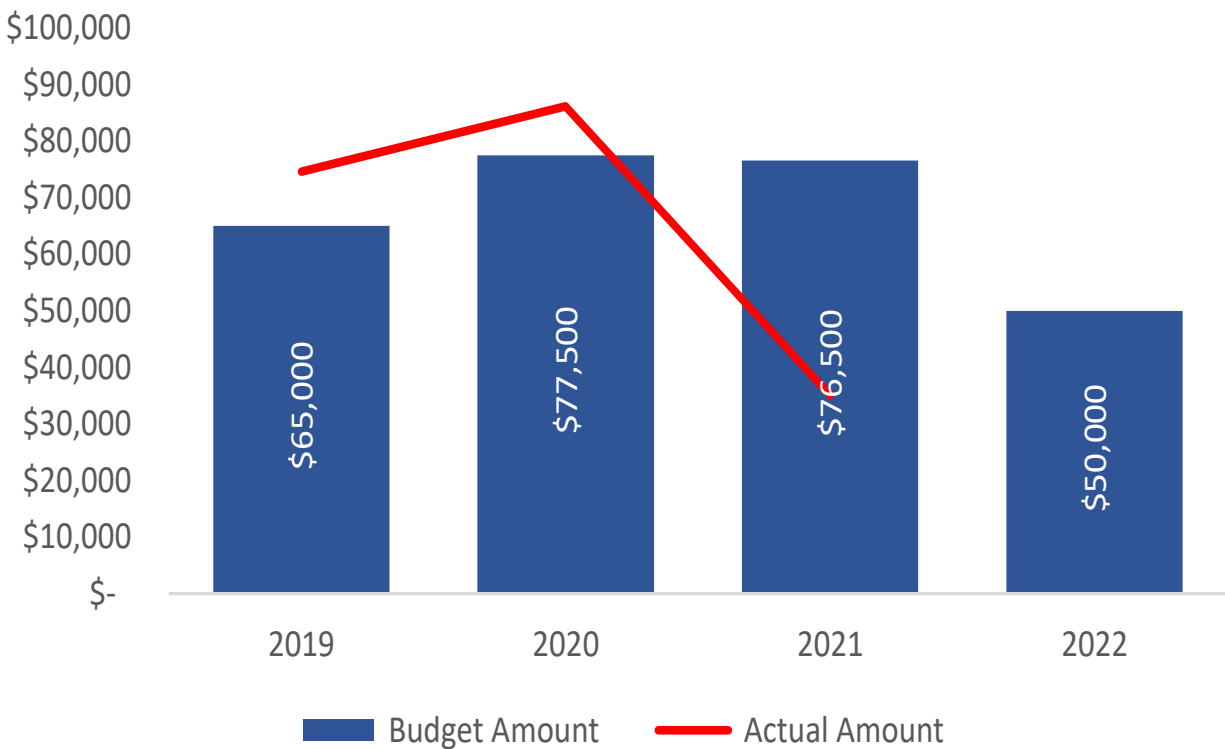
Laboratory Services

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.

2017-18 Actual	2018-19 Actual	2019-20 Actual	2020-21 Projected
\$ 60,057	\$ 74,560	\$ 86,115	\$ 35,071

2021-22 Budget
\$ 50,000

Budget vs. Actual



Water Division – Water Operations Department

02-501-57040

Yucaipa Valley Regional Water Filtration Facility Operating Expenses

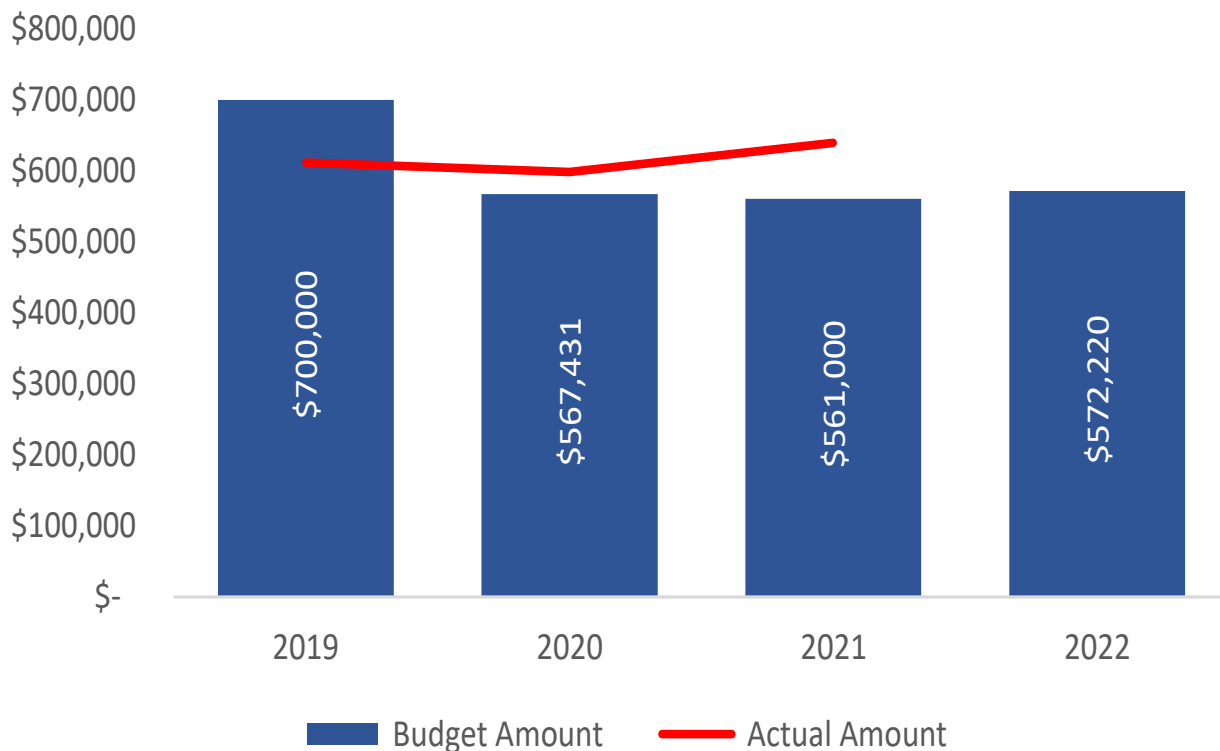
This line item is associated with the Yucaipa Valley Regional Water Filtration Facility. To determine the true cost associated with water production at this facility, it is necessary to add labor related costs and imported water purchase expenses (which are not included in this line item).

Line Item Detail:

Chemicals and Supplies	\$ 175,000
Professional Services	\$ 107,220
Instrumentation and Control System	\$ 80,000
Utilities – Power, Gas, & Trash	\$ 80,000
Equipment Repairs & Maintenance	\$ 75,000
Communications – Telephone & Internet	\$ 55,000
Total	\$ 572,220

2017-18 Actual	2018-19 Actual	2019-20 Actual	2020-21 Projected	2021-22 Budget
\$ 978,912	\$ 611,957	\$ 599,067	\$ 640,000	\$ 572,220

Budget vs. Actual



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 22.45 Full-Time Equivalent (FTE) employees¹.

Title	Range	FTE	Expense
Public Works Manager	234	0.75	\$ 162,197
Public Works Supervisor	117	3.50	\$ 633,680
Senior Utility Service Worker	54	2.10	\$ 307,478
Utility Service Worker IV	49	1.40	\$ 208,581
Purchasing Agent	45	0.70	\$ 74,651
Utility Service Worker III	44	2.80	\$ 390,621
Utility Service Worker II	36	3.50	\$ 420,974
Utility Service Worker I	32	7.70	\$ 801,313
Total		22.45	\$ 2,999,495

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 \$3,334,949 (not including asset acquisitions & capital improvements), which represents a decrease of \$29,092 as compared to the prior year modified budget, or a 0.9% decrease.

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.

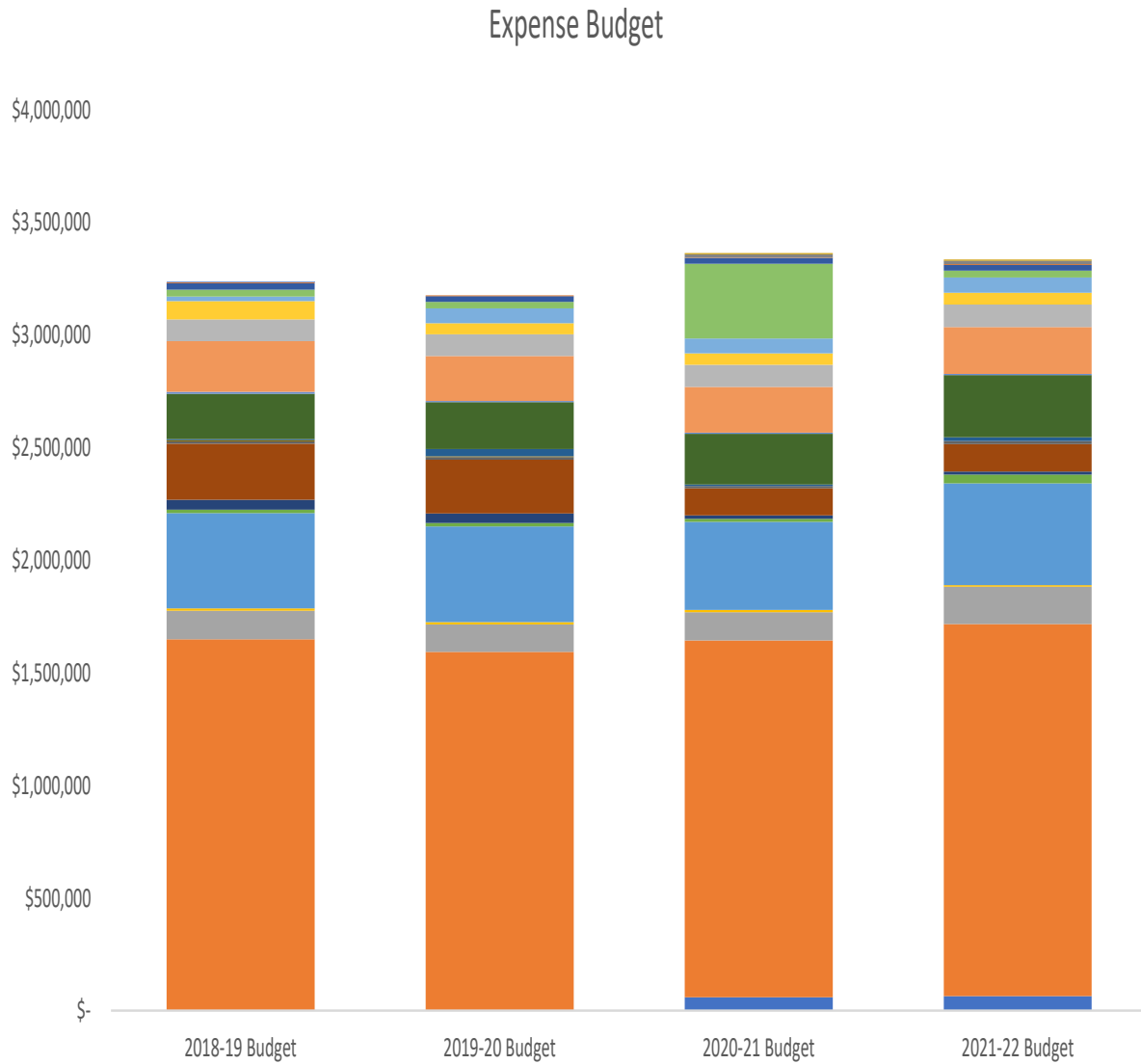
- ❖ The Public Works Department serves a vital role of conducting regular routine inspections, repairs, construction, and non-warranty maintenance work at all District facilities. Based on the results of the inspection, the members of this department generate work orders to ensure that the facilities 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 3,000 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 1,050 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 140 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.
- 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 12 repair requests per month.

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



Account	2017-18 Budget	2017-18 Actual	2018-19 Budget	2018-19 Actual	2019-20 Budget	2019-20 Actual	2020-21 Budget	2020-21 Actual	2021-22 Budget	Increase (Decrease) in Budget	Increase (Decrease) %
02-503-50009. Labor - Overtime	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 43,314	\$ 59,434	\$ 47,661	\$ 64,914	\$ 5,480	9.2%
02-503-50010. Labor	\$ 1,003,049	\$ 1,275,758	\$ 1,650,107	\$ 1,393,644	\$ 1,593,344	\$ 1,546,225	\$ 1,584,210	\$ 1,458,568	\$ 1,651,642	\$ 67,432	4.3%
02-503-50011. Labor - Credit	\$ -	\$ (197,998)	\$ -	\$ (10,559)	\$ -	\$ (70,585)	\$ -	\$ -	\$ -	\$ -	
02-503-50013. Benefits-FICA	\$ 126,030	\$ 98,649	\$ 126,443	\$ 110,006	\$ 121,891	\$ 127,950	\$ 125,741	\$ 118,566	\$ 166,099	\$ 40,358	32.1%
02-503-50014. Benefits-Life Insurance	\$ 9,500	\$ 2,763	\$ 10,776	\$ 3,197	\$ 10,440	\$ 3,657	\$ 9,991	\$ 3,212	\$ 7,773	\$ (2,218)	-22.2%
02-503-50016. Benefits-Health & Def Comp	\$ 399,000	\$ 355,860	\$ 422,958	\$ 441,393	\$ 425,106	\$ 502,623	\$ 391,002	\$ 456,798	\$ 451,925	\$ 60,923	15.6%
02-503-50017. Benefits-Disability Insurance	\$ 14,900	\$ 17,081	\$ 14,851	\$ 19,839	\$ 14,340	\$ 22,027	\$ 14,795	\$ 21,171	\$ 38,646	\$ 23,851	161.2%
02-503-50019. Benefits-Workers Compensation	\$ 44,500	\$ 27,949	\$ 44,553	\$ 25,967	\$ 43,020	\$ 24,282	\$ 13,744	\$ 34,643	\$ 12,551	\$ (1,193)	-8.7%
02-503-50021. Benefits-PERS Employee	\$ 45,000	\$ 23,808	\$ -	\$ (15,473)	\$ -	\$ -	\$ -	\$ (1,152)	\$ -	\$ -	
02-503-50022. Benefits-PERS Employer	\$ 102,000	\$ 77,161	\$ 247,516	\$ 97,353	\$ 239,002	\$ 106,437	\$ 120,829	\$ 106,659	\$ 123,505	\$ 2,676	2.2%
02-503-50023. Benefits-Uniforms	\$ 4,000	\$ 10,004	\$ 11,225	\$ 9,574	\$ 10,875	\$ 12,453	\$ 10,850	\$ 8,211	\$ 12,012	\$ 1,162	10.7%
02-503-50024. Benefits-Vacation & Sick Pay	\$ 7,500	\$ 102,754	\$ 4,000	\$ 4,639	\$ 4,000	\$ 4,000	\$ -	\$ -	\$ -	\$ -	
02-503-50025. Benefits-Boots & Incentives	\$ -	\$ 6,603	\$ 6,525	\$ 7,200	\$ 32,775	\$ 14,895	\$ 6,735	\$ 6,735	\$ 18,503	\$ 11,768	174.7%
02-503-51001. R&M - Vehicles & Equipment	\$ 230,000	\$ 312,284	\$ 200,000	\$ 292,242	\$ 207,500	\$ 248,952	\$ 224,000	\$ 274,945	\$ 275,000	\$ 51,000	22.8%
02-503-51011. R&M - Valves	\$ 10,000	\$ 22,559	\$ 10,000	\$ 800	\$ 5,000	\$ 1,645	\$ 5,100	\$ 2,771	\$ 5,202	\$ 102	2.0%
02-503-51020. R&M - Pipelines	\$ 225,000	\$ 298,353	\$ 225,000	\$ 187,088	\$ 200,000	\$ 225,317	\$ 204,000	\$ 168,637	\$ 208,080	\$ 4,080	2.0%
02-503-51021. R&M - Service Lines	\$ 175,000	\$ 135,143	\$ 96,000	\$ 73,882	\$ 96,000	\$ 55,593	\$ 97,920	\$ 82,587	\$ 99,878	\$ 1,958	2.0%
02-503-51022. R&M - Fire Hydrants	\$ 40,000	\$ 26,059	\$ 81,500	\$ 52,799	\$ 50,000	\$ 1,876	\$ 51,000	\$ 34,553	\$ 52,020	\$ 1,020	2.0%
02-503-51029. Repair & Maintenance-Backflow	\$ -	\$ -	\$ 20,000	\$ 62,142	\$ 65,000	\$ 38,392	\$ 66,300	\$ 24,289	\$ 67,626	\$ 1,326	2.0%
02-503-51030. R&M - Meters	\$ 75,000	\$ 279,884	\$ 30,000	\$ 285,466	\$ 30,000	\$ (50,022)	\$ 330,600	\$ 835,530	\$ 31,212	\$ (299,388)	-90.6%
02-503-51031. R&M - Fire Flow Testing	\$ 28,259	\$ 33,035	\$ 30,000	\$ 30,251	\$ 25,000	\$ 26,656	\$ 25,500	\$ 27,361	\$ 26,010	\$ 510	2.0%
02-503-51092. Equipment Credits	\$ -	\$ (5,727)	\$ -	\$ (5,263)	\$ -	\$ (23,603)	\$ -	\$ -	\$ -	\$ -	
02-503-51140. General Supplies & Expenses	\$ 7,000	\$ 6,864	\$ 2,500	\$ 6,551	\$ 3,000	\$ 2,300	\$ 3,060	\$ 2,875	\$ 3,121	\$ 61	2.0%
02-503-54012. Education & Training	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,835	\$ 15,230	\$ 2,993	\$ 15,230	\$ -	0.0%
02-503-54025. Telephone & Internet	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,508	\$ 4,000	\$ 3,883	\$ 4,000	\$ -	0.0%
	\$ 2,545,738	\$ 2,908,844	\$ 3,233,954	\$ 3,072,737	\$ 3,176,293	\$ 2,870,727	\$ 3,364,041	\$ 3,721,496	\$ 3,334,949	\$ (29,092)	-0.9%

Water Division – Public Works Department

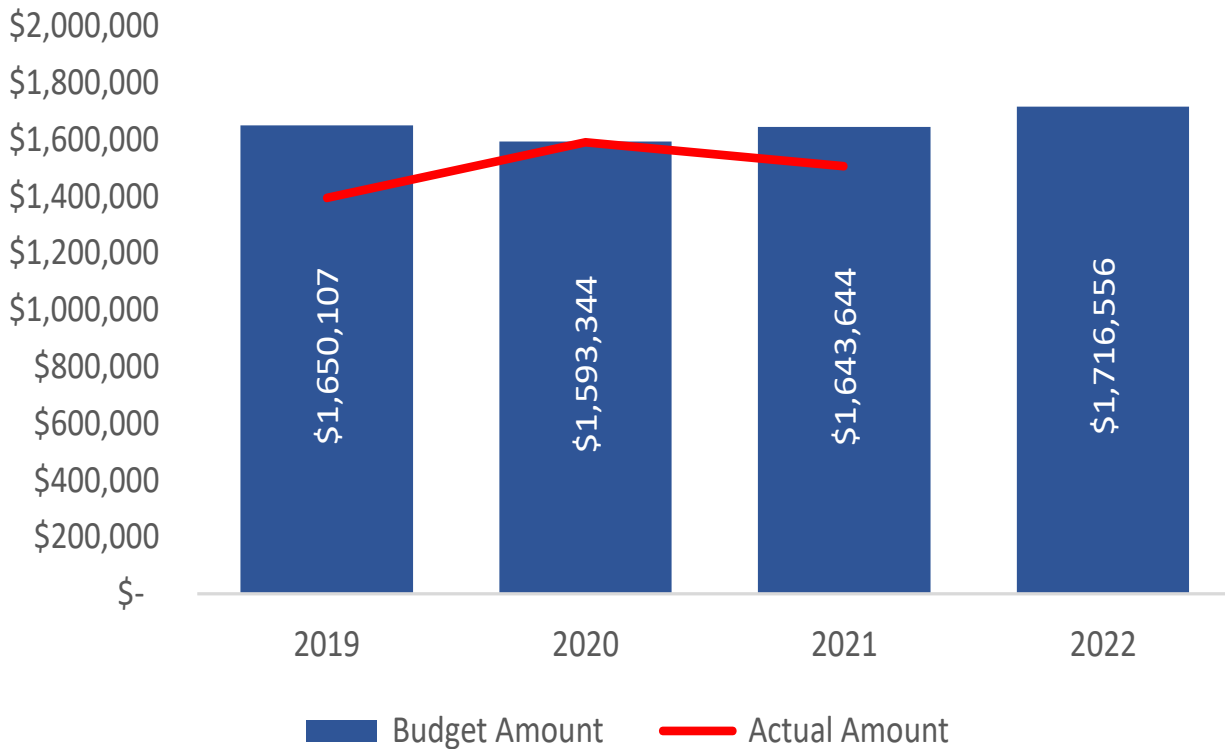
02-503-500xx

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	2017-18 Actual	2018-19 Actual	2019-20 Actual	2020-21 Projection	2021-22 Budget
02-503-50009. Labor - Overtime	\$ -	\$ -	\$ 43,314	\$ 47,661	\$ 64,914
02-503-50010. Labor	\$ 1,275,758	\$ 1,393,644	\$ 1,546,225	\$ 1,458,568	\$ 1,651,642
	<u>\$ 1,275,758</u>	<u>\$ 1,393,644</u>	<u>\$ 1,589,538</u>	<u>\$ 1,506,229</u>	<u>\$ 1,716,556</u>

Budget vs. Actual



Water Division – Public Works Department

02-503-500xx

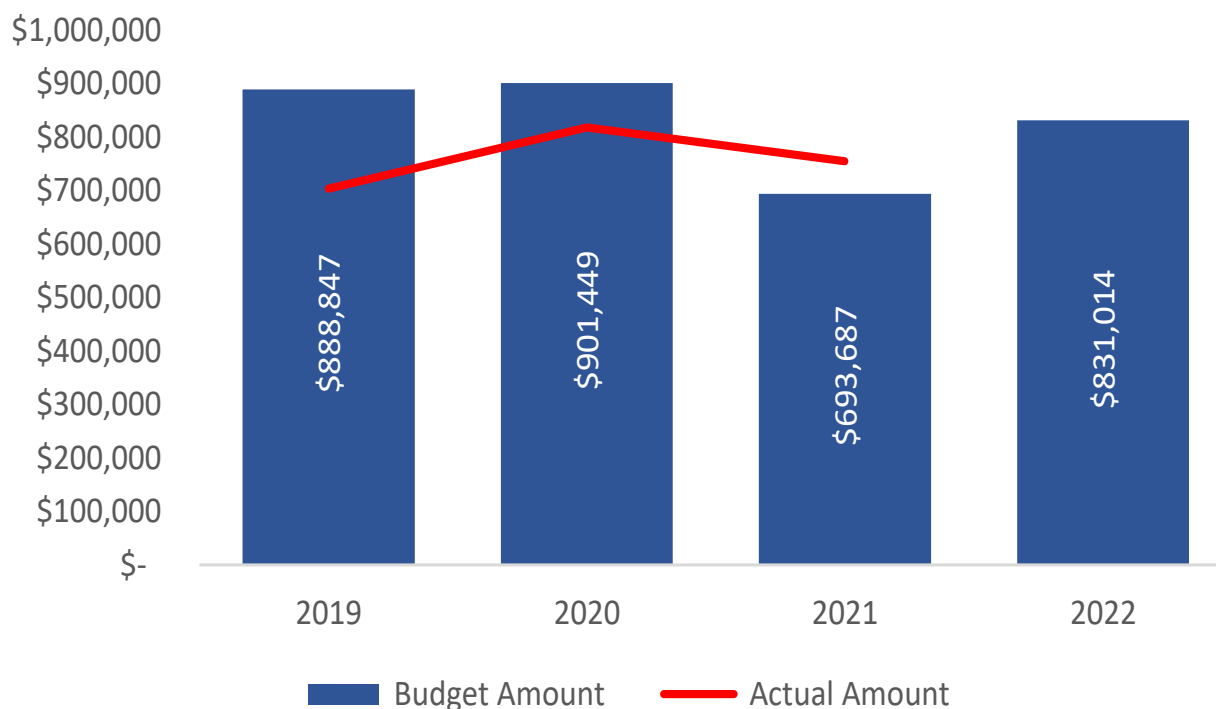
Benefits

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

Account	2017-18 Actual	2018-19 Actual	2019-20 Actual	2020-21 Projection	2021-22 Budget
02-503-50013. Benefits-FICA	\$ 98,649	\$ 110,006	\$ 127,950	\$ 118,566	\$ 166,099
02-503-50014. Benefits-Life Insurance	\$ 2,763	\$ 3,197	\$ 3,657	\$ 3,212	\$ 7,773
02-503-50016. Benefits-Health & Def Comp	\$ 355,860	\$ 441,393	\$ 502,623	\$ 456,798	\$ 451,925
02-503-50017. Benefits-Disability Insurance	\$ 17,081	\$ 19,839	\$ 22,027	\$ 21,171	\$ 38,646
02-503-50019. Benefits-Workers Compensation	\$ 27,949	\$ 25,967	\$ 24,282	\$ 34,643	\$ 12,551
02-503-50021. Benefits-PERS Employee	\$ 23,808	\$ (15,473)	\$ -	\$ (1,152)	\$ -
02-503-50022. Benefits-PERS Employer	\$ 77,161	\$ 97,353	\$ 106,437	\$ 106,659	\$ 123,505
02-503-50023. Benefits-Uniforms	\$ 10,004	\$ 9,574	\$ 12,453	\$ 8,211	\$ 12,012
02-503-50024. Benefits-Vacation & Sick Pay	\$ 102,754	\$ 4,639	\$ 4,000	\$ -	\$ -
02-503-50025. Benefits-Boots & Incentives	\$ 6,603	\$ 7,200	\$ 14,895	\$ 6,735	\$ 18,503
	\$ 722,631	\$ 703,693	\$ 818,324	\$ 754,843	\$ 831,014

As a result of the implementation of the new financial system in July 2019, Benefits are automatically calculated as a result of payroll within the system. This has resulted in various changes to benefit line items that may have been over or under budgeted in prior years.

Budget vs. Actual



Water Division – Public Works Department

02-503-51001

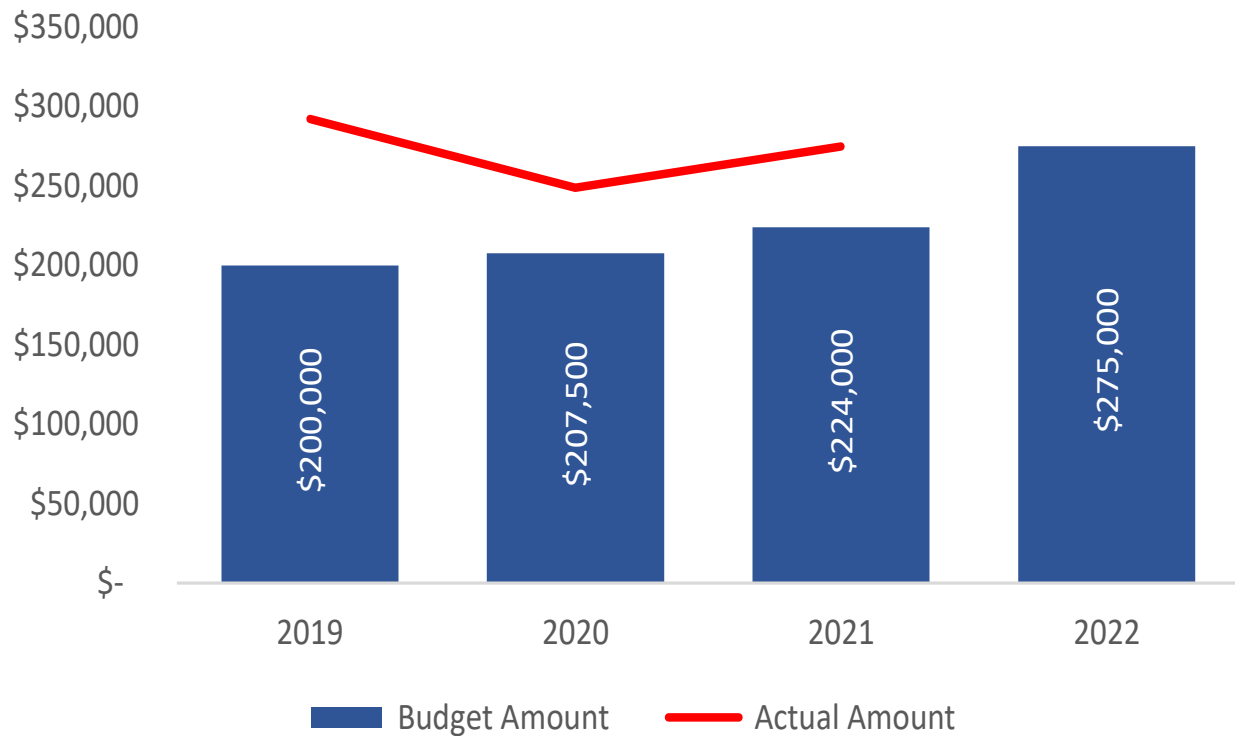
Repair & Maintenance – Vehicles & Equipment

This budget category allocates funding for the routine maintenance of the vehicles assigned to individuals in the drinking water, sewer and recycled water divisions.

2017-18 Actual	2018-19 Actual	2019-20 Actual	2020-21 Projected
\$ 312,284	\$ 292,242	\$ 248,952	\$ 274,945

2021-22 Budget
\$ 275,000

Budget vs. Actual



Water Division – Public Works Department

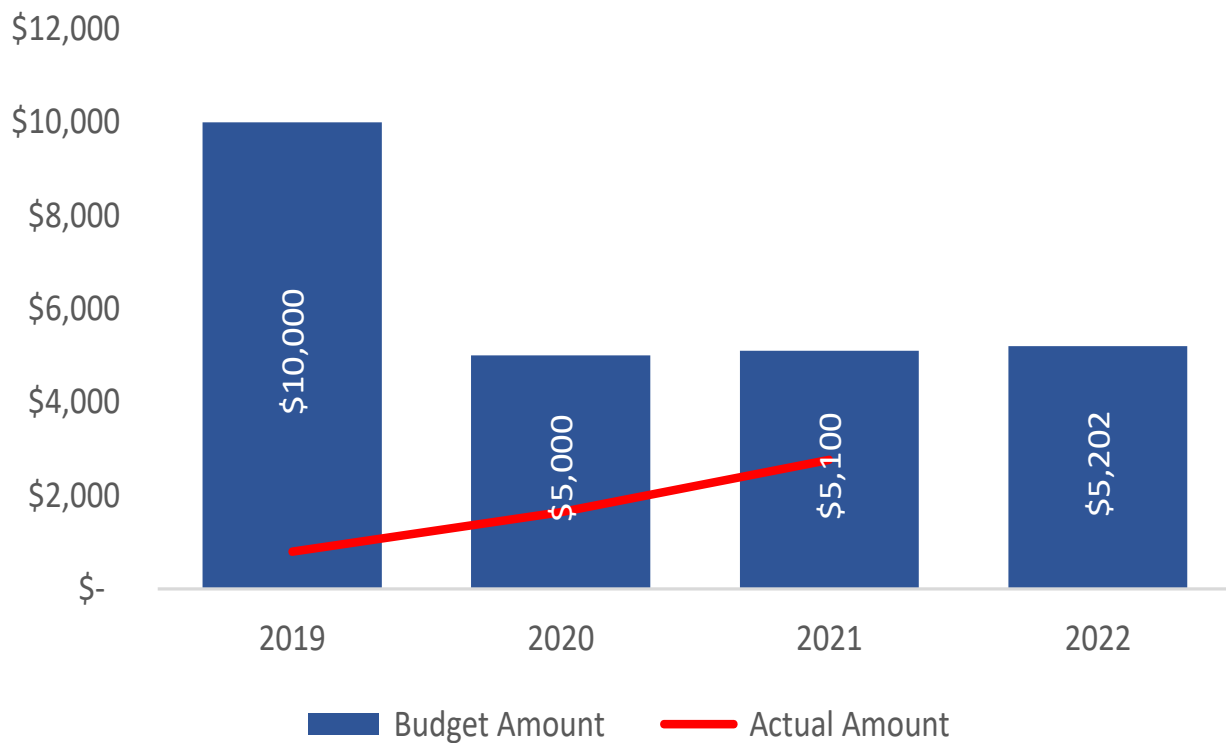
02-503-51011

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 27 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 3,000 valves in the District's drinking water system.

2017-18 Actual	2018-19 Actual	2019-20 Actual	2020-21 Projected	2021-22 Budget
\$ 22,559	\$ 800	\$ 1,645	\$ 2,771	\$ 5,202

Budget vs. Actual



Water Division – Public Works Department

02-503-51020

Repair & Maintenance - Pipelines

This budget category represents the annual projected 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 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.

Line Item

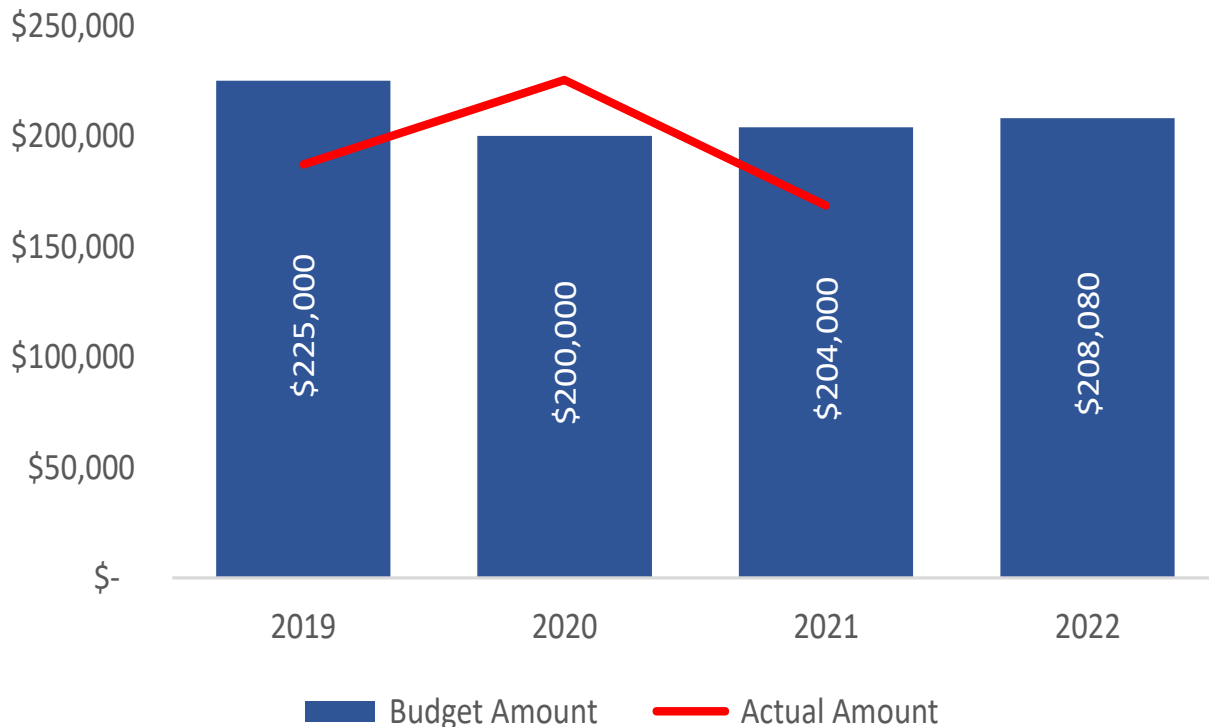
Detail:

Maintenance of Pipelines (includes paving and outside services)	\$ 170,000
Maintenance of Air Releases and Vacuum Valves	\$ 23,080
Leak Detection Program – Evaluation of approximately 40 miles of existing older distribution system piping	\$ 15,000
Total	\$ 208,080

2017-18 Actual	2018-19 Actual	2019-20 Actual	2020-21 Projected
\$ 298,353	\$ 187,088	\$ 225,317	\$ 168,637

2021-22 Budget
\$ 208,080

Budget vs. Actual



Water Division – Public Works Department

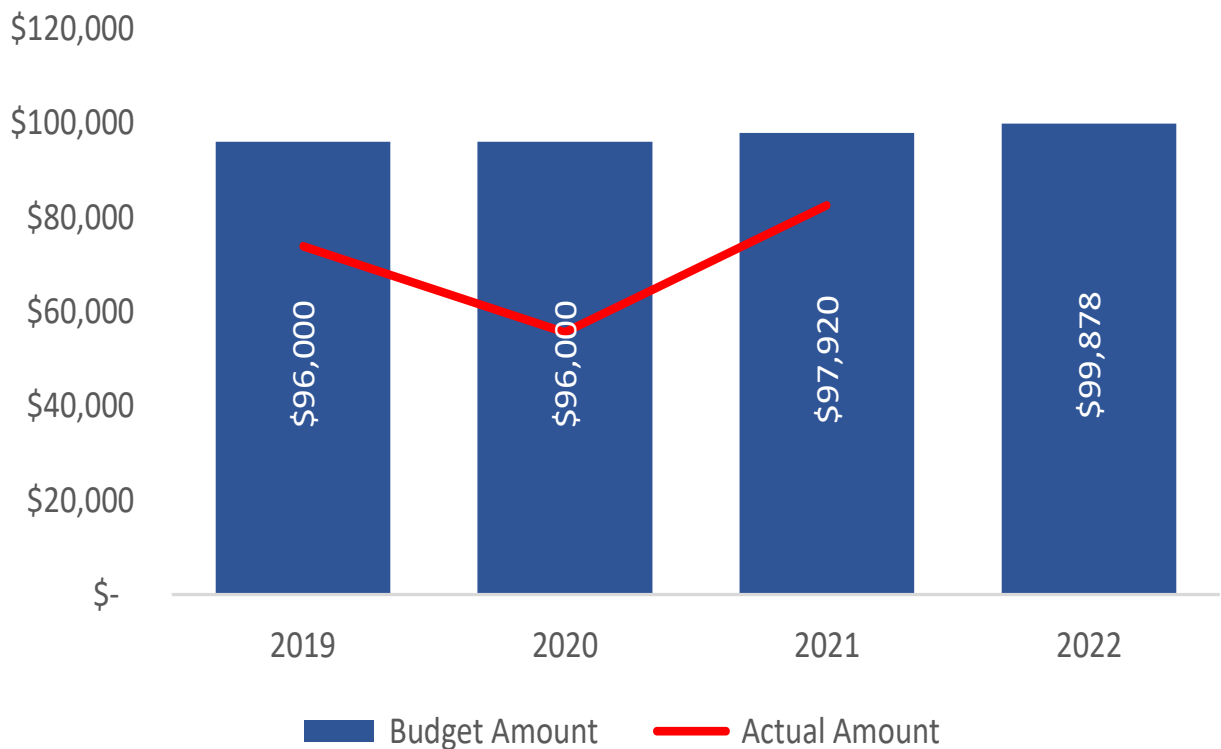
02-503-51021

Repair & Maintenance – Service Lines

This budget category includes all costs related to the replacement of water service lines. The District maintains roughly 10,000 water service lines. With an anticipated useful life of 25 years, the District will need to begin replacing the oldest service lines at an average rate of 360 per year.

2017-18 Actual	2018-19 Actual	2019-20 Actual	2020-21 Projected	2021-22 Budget
\$ 135,143	\$ 73,882	\$ 55,593	\$ 82,587	\$ 99,878

Budget vs. Actual



Water Division – Public Works Department

02-503-51022

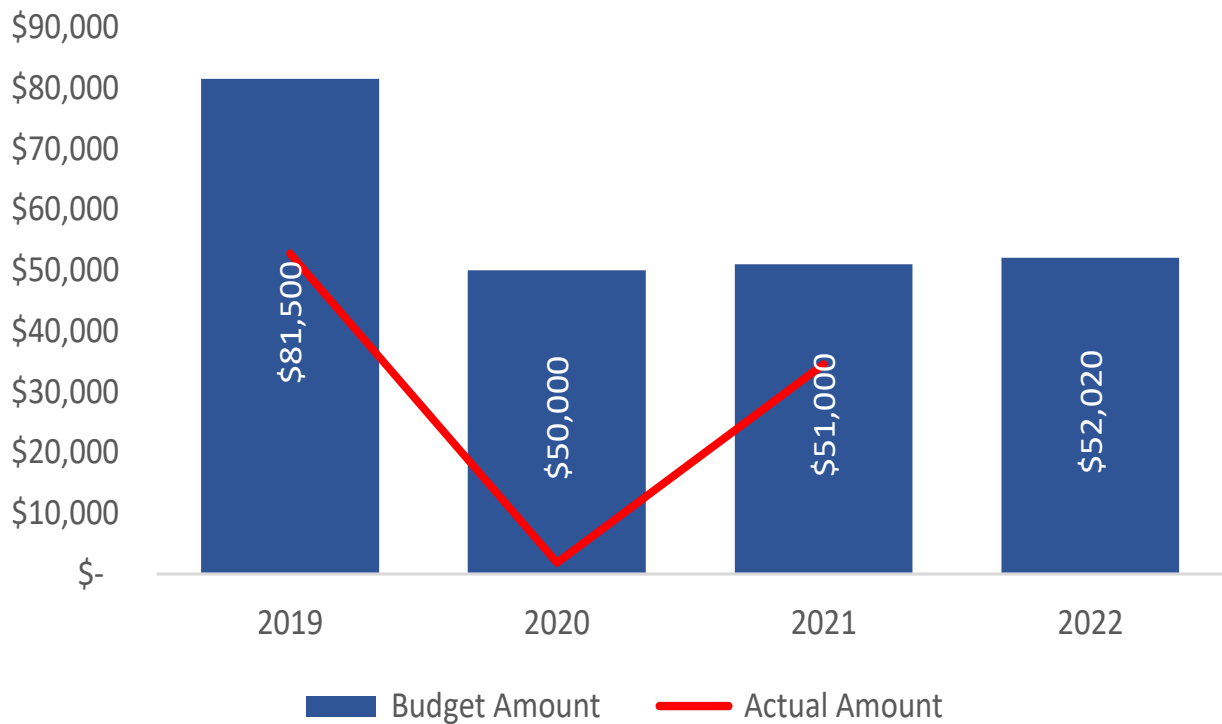
Repair & Maintenance – Fire Hydrants

The District has approximately 1,500 fire hydrants that need to be inspected, operated and maintained on a regular basis. The Public Works Department will be inspecting and collecting fire flow data from 350 fire hydrants per year. Roughly twenty percent of the fire hydrants inspected are anticipated to need repair or replacement. There have been few fire hydrant repairs for fiscal year 2019-20.

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

2017-18 Actual	2018-19 Actual	2019-20 Actual	2020-21 Projected	2021-22 Budget
\$ 26,059	\$ 52,799	\$ 1,876	\$ 34,553	\$ 52,020

Budget vs. Actual



Water Division – Public Works Department

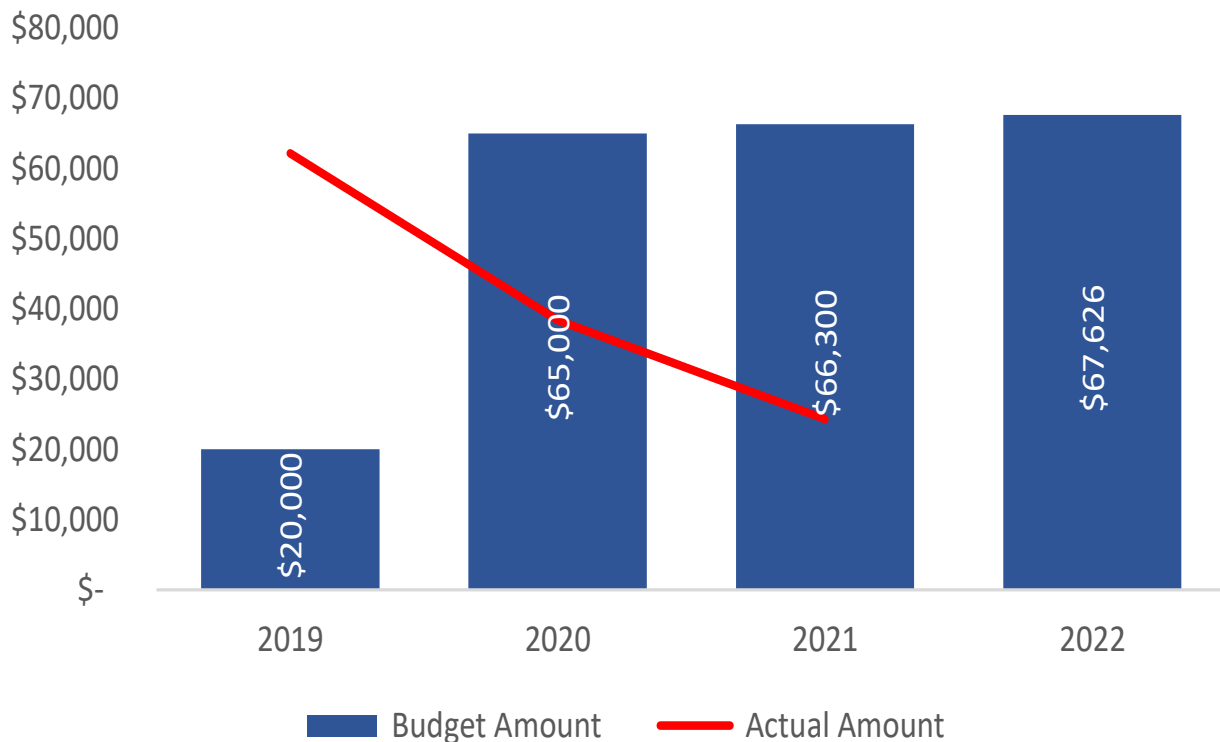
02-503-51029

Repair & Maintenance – Backflow

This budget category represents the annual projected costs associated with maintaining the District's recycled water backflows. In prior years, this was included in the Recycled Water Operating budget. However, this expense is more appropriately associated with the Water Division.

2017-18 Actual	2018-19 Actual	2019-20 Actual	2020-21 Projected	2021-22 Budget
\$ -	\$ 62,142	\$ 38,392	\$ 24,289	\$ 67,626

Budget vs. Actual



Water Division – Public Works Department

02-503-51030

Repair & Maintenance – Water Meters

This budget category represents the annual projected costs associated with the maintenance, repair, replacement, testing and calibration of District meters and the routine maintenance of the related facilities.

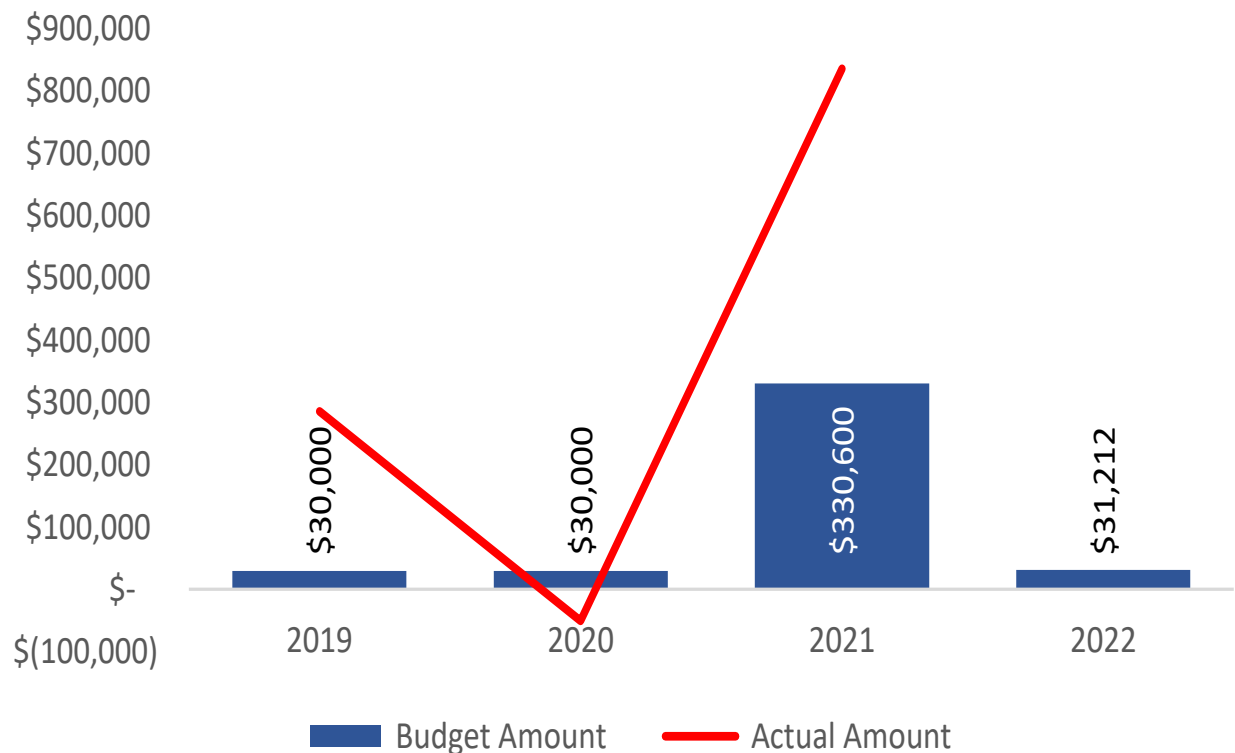
Beginning in fiscal year 2019, District staff began the replacement of meters district wide. In fiscal year 2020 this is included as a capital improvement project and some of the expenses will be offset with federal funding. This project is anticipated to be complete in summer 2021.

Line Item Detail:

Water Meter Purchase and Installation	\$ 21,212
Large Meter Maintenance	\$ 5,000
Construction Meter Maintenance	\$ 3,500
Miscellaneous Expenditures	\$ 1,500
Total	\$ 31,212

2017-18 Actual	2018-19 Actual	2019-20 Actual	2020-21 Projected	2021-22 Budget
\$ 279,884	\$ 285,466	\$ (50,022)	\$ 835,530	\$ 31,212

Budget vs. Actual



Water Division – Public Works Department

02-503-51031

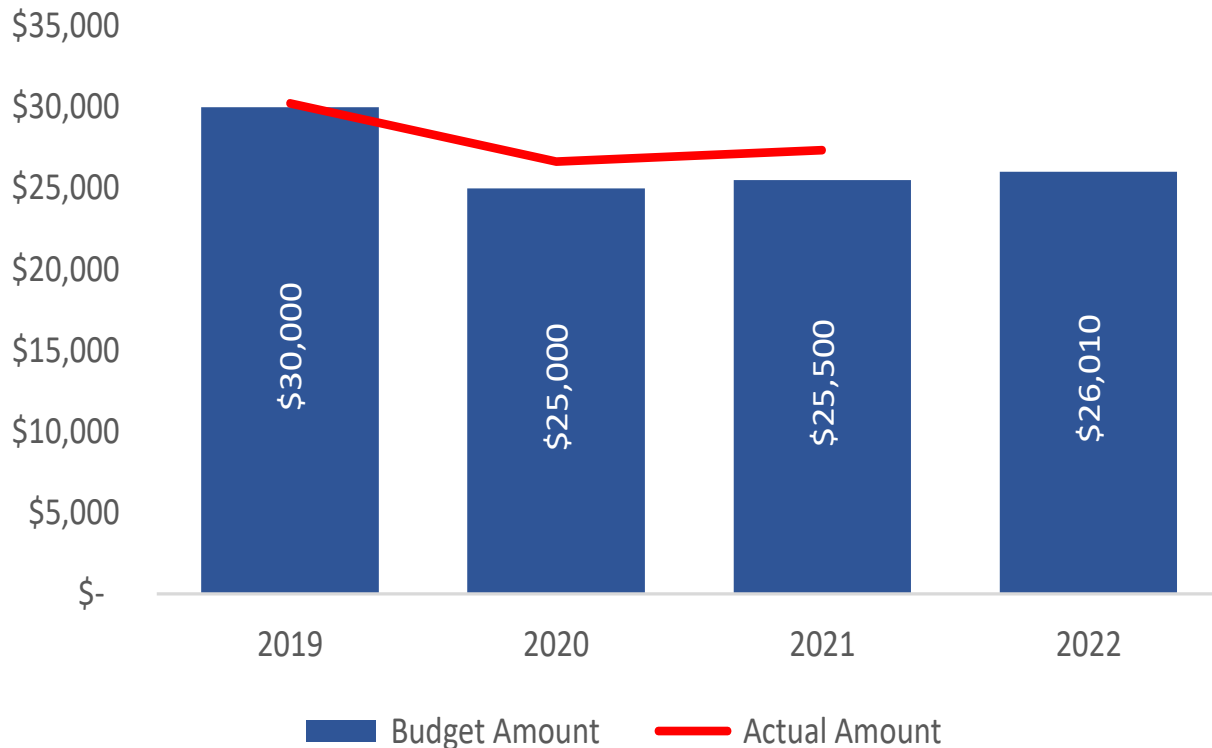
Fire Flow Testing

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 will be performed by District staff.

2017-18 Actual	2018-19 Actual	2019-20 Actual	2020-21 Projected
\$ 33,035	\$ 30,251	\$ 26,656	\$ 27,361

2021-22 Budget
\$ 26,010

Budget vs. Actual



Water Division – Public Works Department

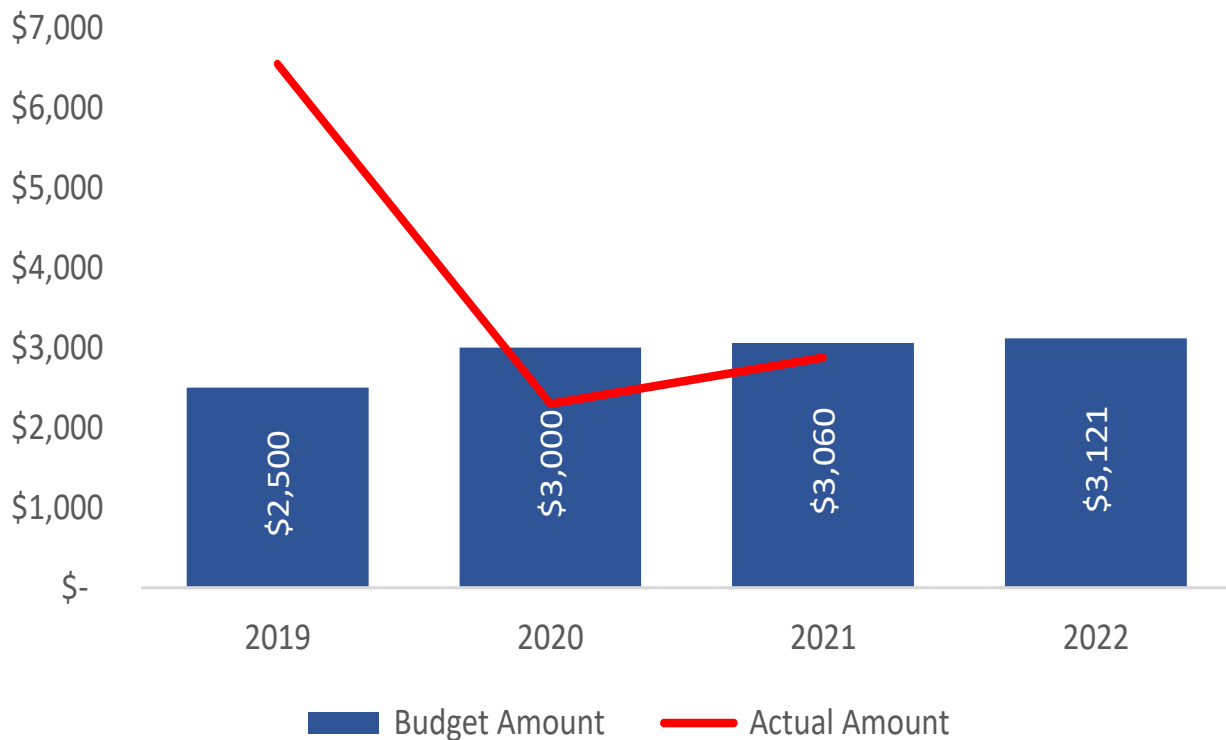
02-503-51140

General Supplies & Expenses

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

2017-18 Actual	2018-19 Actual	2019-20 Actual	2020-21 Projected	2021-22 Budget
\$ 6,864	\$ 6,551	\$ 2,300	\$ 2,875	\$ 3,121

Budget vs. Actual



Water Division – Public Works Department

02-503-54012

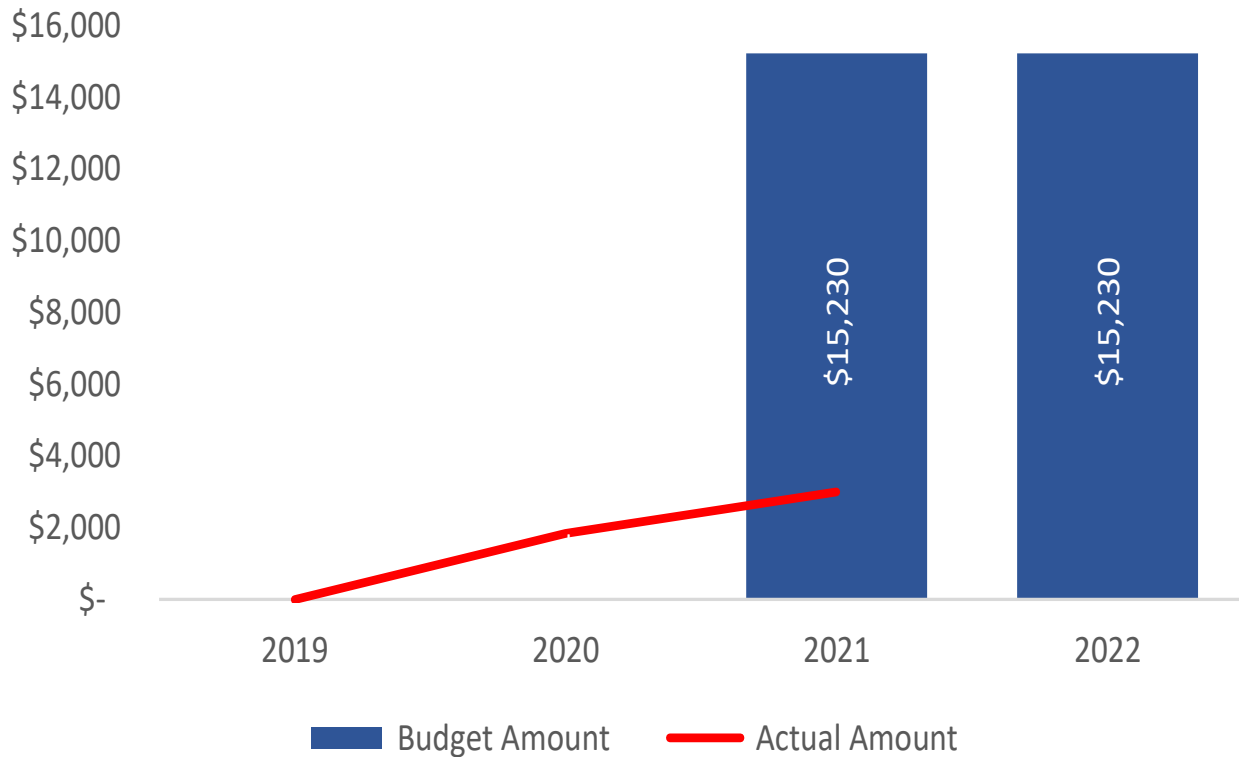
Education & Training

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 Public Works Department. Previously, all education and training was budgeted in the Administration Department for each division (02-506-54012).

2017-18 Actual	2018-19 Actual	2019-20 Actual	2020-21 Projected
\$ -	\$ -	\$ 1,835	\$ 2,993

2021-22 Budget
\$ 15,230

Budget vs. Actual



Water Division – Public Works Department

02-503-54025

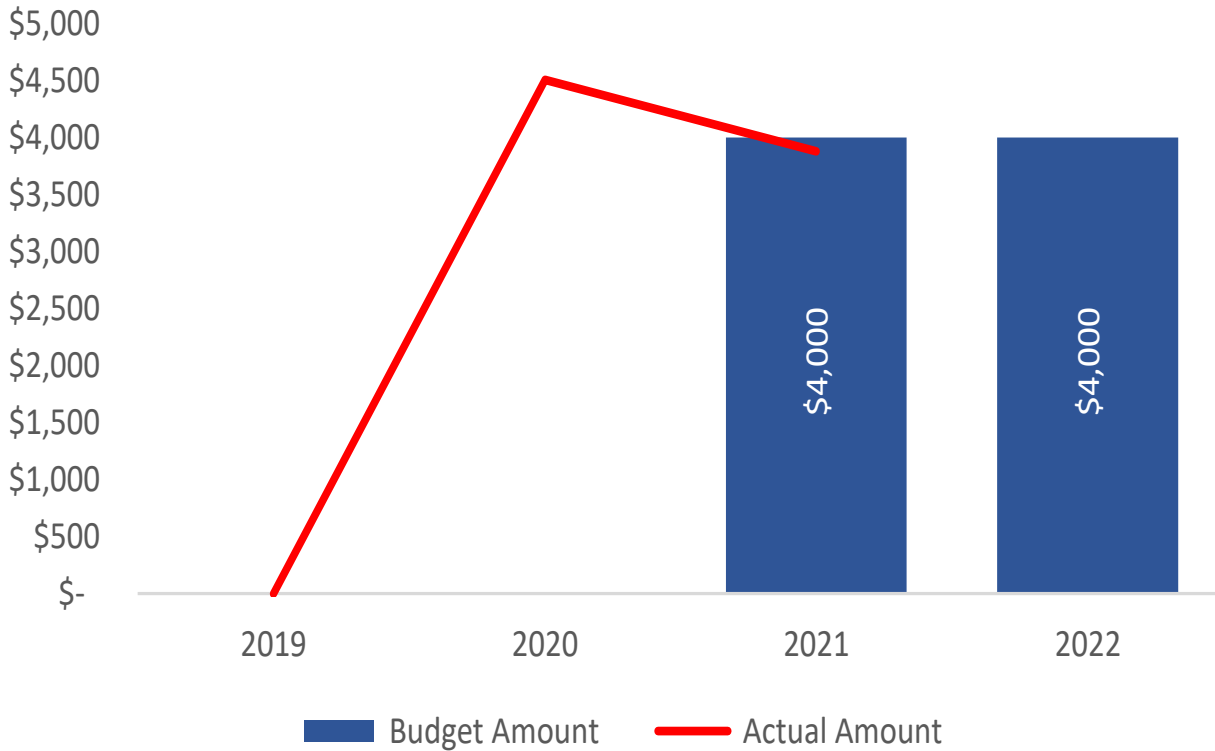
Telephone & Internet

This budget category is new for 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).

2017-18 Actual	2018-19 Actual	2019-20 Actual	2020-21 Projected
\$ -	\$ -	\$ 4,508	\$ 3,883

2021-22 Budget
\$ 4,000

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 6.10 Full-Time Equivalent (FTE) employees¹.

Title	Range	FTE	Expense
General Manager	-	0.45	\$ 153,507
Chief Financial Officer	248	0.45	\$ 107,384
Implementation Manager	236	0.35	\$ 71,842
Water Resource Manager	233	0.35	\$ 79,051
Regulatory Compliance Manager	229	0.35	\$ 60,715
Administrative Supervisor	113	0.50	\$ 79,770
Water Resource Specialist	113	0.35	\$ 53,877
Information Systems Specialist	111	0.45	\$ 66,940
Senior Engineering Technician	110	0.35	\$ 52,989
Administrative Assistant I	39	0.50	\$ 67,844
Administrative Clerk IV	35	1.00	\$ 114,325
Administrative Clerk I	23	1.00	\$ 92,630
Total		6.10	\$ 1,000,874

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 \$2,736,004 (not including asset acquisitions & capital improvements), which represents a decrease of \$219,179 as compared to the prior year modified budget, or a 7.4% decrease.

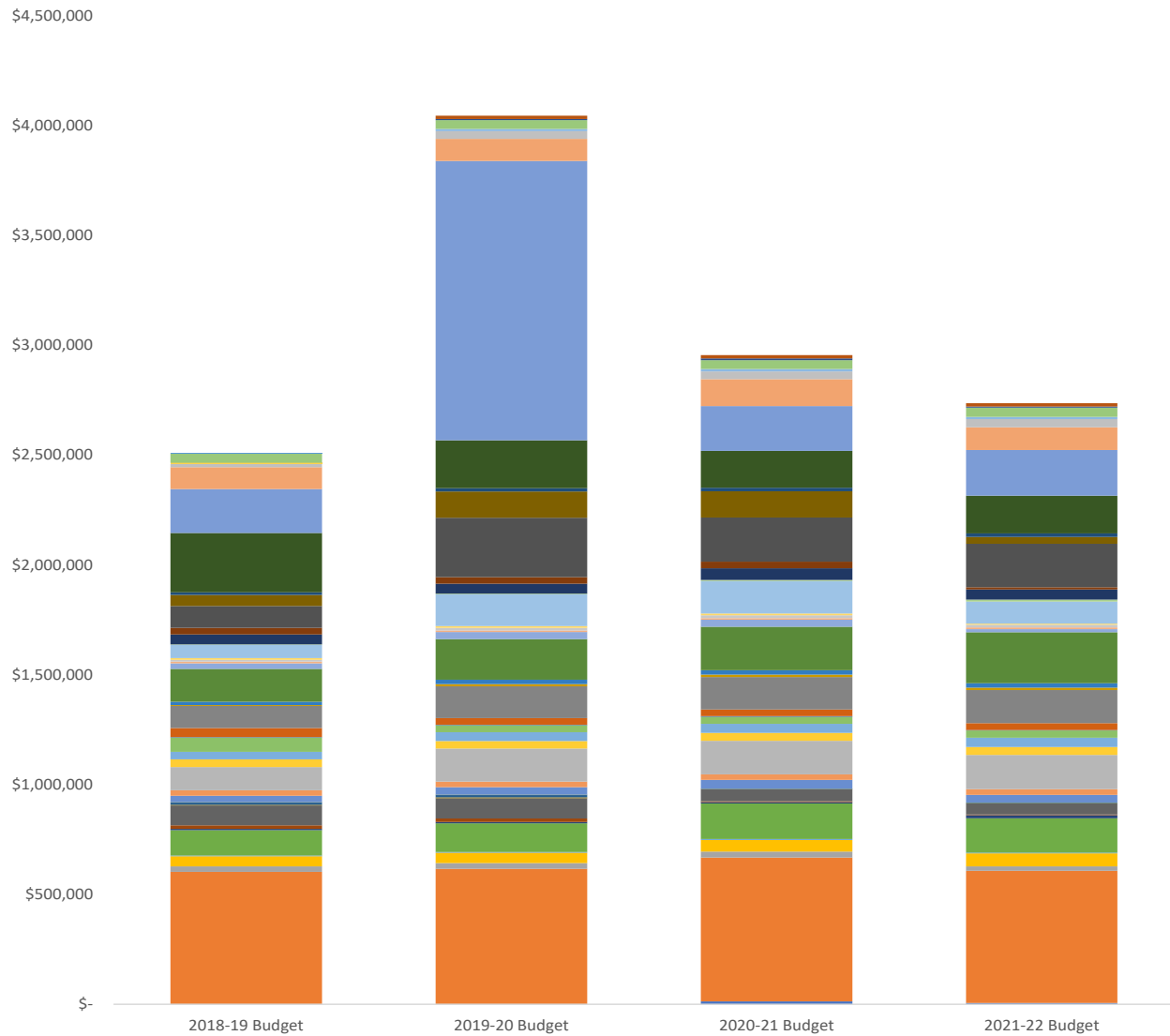
Anticipated Issues for this Fiscal Year – The following issues have been identified for this fiscal year. The specific resolution to the issues presented below may need to be further analyzed by District staff and presented to the Board of Directors for the adoption of a specific policy, procurement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



Account	2017-18 Budget	2017-18 Actual	2018-19 Budget	2018-19 Actual	2019-20 Budget	2019-20 Actual	2020-21 Budget	2020-21 Actual	2021-22 Budget	Increase (Decrease) in Budget	Increase (Decrease) %
02-506-50009. Labor - Overtime	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 8,235	\$ 12,436	\$ 3,340	\$ 5,736	\$ (6,700)	-53.9%
02-506-50010. Labor	\$ 792,038	\$ 652,877	\$ 602,359	\$ 543,748	\$ 616,295	\$ 618,917	\$ 655,148	\$ 611,386	\$ 601,289	\$ (53,859)	-8.2%
02-506-50011. Labor - Credit	\$ -	\$ (12,220)	\$ -	\$ (556)	\$ -	\$ (14,520)	\$ -	\$ -	\$ -	\$ -	
02-506-50012. Director Fees	\$ 22,500	\$ 28,791	\$ 25,000	\$ 26,092	\$ 26,000	\$ 28,438	\$ 27,300	\$ 26,715	\$ 20,000	\$ (7,300)	-26.7%
02-506-50013. Benefits-FICA	\$ 62,000	\$ 56,318	\$ 46,080	\$ 45,093	\$ 47,147	\$ 53,083	\$ 53,161	\$ 48,783	\$ 60,066	\$ 6,905	13.0%
02-506-50014. Benefits-Life Insurance	\$ 3,740	\$ 1,538	\$ 2,952	\$ 1,195	\$ 3,120	\$ 1,156	\$ 3,964	\$ 1,046	\$ 2,839	\$ (1,125)	-28.4%
02-506-50016. Benefits-Health & Def Comp	\$ 154,600	\$ 230,322	\$ 115,866	\$ 169,822	\$ 130,980	\$ 202,691	\$ 161,439	\$ 200,815	\$ 156,292	\$ (5,147)	-3.2%
02-506-50017. Benefits-Disability Insurance	\$ 7,300	\$ 8,698	\$ 5,421	\$ 7,179	\$ 5,547	\$ 9,437	\$ 6,007	\$ 7,079	\$ 13,978	\$ 7,971	132.7%
02-506-50019. Benefits-Workers Compensation	\$ 21,900	\$ 13,493	\$ 16,264	\$ 14,350	\$ 16,640	\$ 13,476	\$ 4,454	\$ 17,100	\$ 3,653	\$ (801)	-18.0%
02-506-50021. Benefits-PERS Employee	\$ 56,700	\$ 23,064	\$ -	\$ (4,427)	\$ -	\$ -	\$ -	\$ (500)	\$ -	\$ -	
02-506-50022. Benefits-PERS Employer	\$ 118,200	\$ 282,563	\$ 90,354	\$ 39,960	\$ 92,444	\$ 49,766	\$ 53,984	\$ 455,547	\$ 49,910	\$ (4,074)	-7.5%
02-506-50023. Benefits-Uniforms	\$ 2,800	\$ 2,377	\$ 3,075	\$ 1,997	\$ 3,250	\$ 2,977	\$ 175	\$ 3,707	\$ -	\$ (175)	-100.0%
02-506-50024. Benefits-Vacation & Sick Pay	\$ 8,000	\$ 27,675	\$ 10,000	\$ 5,242	\$ 10,000	\$ 10,000	\$ -	\$ -	\$ -	\$ -	
02-506-50025. Benefits-Boots & Incentives	\$ -	\$ 1,381	\$ 1,845	\$ 3,435	\$ 1,950	\$ 5,385	\$ 2,055	\$ -	\$ 2,619	\$ 564	27.4%
02-506-50055. Pension Expense-GASB 68	\$ -	\$ 152,953	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
02-506-51003. R&M - Structures	\$ 195,000	\$ 240,877	\$ 30,000	\$ 66,196	\$ 35,000	\$ 51,173	\$ 40,700	\$ 42,086	\$ 36,414	\$ (4,286)	-10.5%
02-506-51091. Expense Credits (overhead)	\$ -	\$ (5,156)	\$ -	\$ (10,640)	\$ -	\$ (6,112)	\$ -	\$ (2)	\$ -	\$ -	
02-506-51120. Safety Equipment & Supplies	\$ 25,000	\$ 32,559	\$ 25,000	\$ 35,680	\$ 25,000	\$ 12,581	\$ 25,500	\$ 36,788	\$ 26,010	\$ 510	2.0%
02-506-51125. Petroleum Products	\$ 106,000	\$ 112,681	\$ 105,000	\$ 160,758	\$ 150,000	\$ 111,806	\$ 153,000	\$ 95,835	\$ 156,060	\$ 3,060	2.0%
02-506-51130. Office Supplies & Expenses	\$ -	\$ 40,037	\$ 35,000	\$ 34,603	\$ 35,000	\$ 15,502	\$ 35,700	\$ 20,424	\$ 36,414	\$ 714	2.0%
02-506-51140. General Supplies & Expenses	\$ 54,000	\$ 58,368	\$ 35,000	\$ 38,392	\$ 40,000	\$ 26,960	\$ 40,800	\$ 27,723	\$ 41,616	\$ 816	2.0%
02-506-51199. Disaster Repairs & Incidences	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,709	\$ -	\$ -	
02-506-51211. Utilities - Electricity	\$ 60,000	\$ 32,243	\$ 65,000	\$ 30,666	\$ 32,000	\$ 31,816	\$ 32,640	\$ 36,435	\$ 33,293	\$ 653	2.0%
02-506-51213. Utilities - Natural Gas	\$ 3,000	\$ 1,374	\$ 1,500	\$ 2,199	\$ 2,000	\$ 2,336	\$ 2,740	\$ 3,452	\$ 2,081	\$ (659)	-24.1%
02-506-54002. Dues & Subscriptions	\$ 16,500	\$ 15,828	\$ 41,500	\$ 22,928	\$ 30,000	\$ 17,852	\$ 30,600	\$ 23,776	\$ 31,212	\$ 612	2.0%
02-506-54005. Computer Expenses	\$ 125,000	\$ 143,990	\$ 100,000	\$ 178,771	\$ 145,000	\$ 105,265	\$ 147,900	\$ 127,953	\$ 150,858	\$ 2,958	2.0%
02-506-54010. Postage	\$ 3,500	\$ 4,702	\$ 4,200	\$ 7,112	\$ 10,000	\$ 2,989	\$ 10,200	\$ 4,268	\$ 10,404	\$ 204	2.0%
02-506-54011. Printing & Publications	\$ -	\$ 1,870	\$ -	\$ 294	\$ -	\$ 351	\$ -	\$ -	\$ -	\$ -	
02-506-54012. Education & Training	\$ 15,000	\$ 12,335	\$ 15,000	\$ 20,857	\$ 20,000	\$ 6,045	\$ 20,400	\$ 11,944	\$ 20,808	\$ 408	2.0%
02-506-54013. Utility Billing Expenses	\$ 180,000	\$ 186,178	\$ 150,000	\$ 187,221	\$ 185,000	\$ 203,185	\$ 197,700	\$ 231,210	\$ 232,000	\$ 34,300	17.3%
02-506-54014. Public Relations	\$ 50,000	\$ 24,128	\$ 25,000	\$ 47,463	\$ 31,500	\$ 21,273	\$ 32,130	\$ 13,164	\$ 13,500	\$ (18,630)	-58.0%
02-506-54016. Travel Related Expenses	\$ 15,000	\$ 18,794	\$ 8,000	\$ 11,376	\$ 7,500	\$ 9,865	\$ 7,650	\$ 22	\$ 7,803	\$ 153	2.0%
02-506-54017. Certifications & Renewals	\$ 7,000	\$ 10,184	\$ 8,000	\$ 11,271	\$ 12,000	\$ 7,334	\$ 12,240	\$ 7,096	\$ 12,485	\$ 245	2.0%
02-506-54020. Meeting Related Expenses	\$ 6,000	\$ 8,051	\$ 8,000	\$ 9,806	\$ 8,000	\$ 6,950	\$ 8,160	\$ 860	\$ 5,000	\$ (3,160)	-38.7%
02-506-54022. Utilities - YVWD Services	\$ 50,000	\$ 84,675	\$ 60,000	\$ 132,887	\$ 145,000	\$ 73,390	\$ 147,900	\$ 88,446	\$ 100,000	\$ (47,900)	-32.4%
02-506-54024. Waste Disposal	\$ -	\$ 2,522	\$ 2,500	\$ 6,144	\$ 2,700	\$ 5,130	\$ 5,100	\$ 11,544	\$ 9,000	\$ 3,900	76.5%
02-506-54025. Telephone & Internet	\$ 45,000	\$ 45,221	\$ 45,000	\$ 59,473	\$ 45,000	\$ 54,521	\$ 53,000	\$ 52,989	\$ 46,818	\$ (6,182)	-11.7%
02-506-54099. Conservation & Rebates	\$ 22,800	\$ 22,735	\$ 30,000	\$ 100	\$ 30,000	\$ 750	\$ 30,600	\$ 901	\$ 10,000	\$ (20,600)	-67.3%
02-506-54104. Contractural Services	\$ 130,000	\$ 134,746	\$ 100,000	\$ 174,211	\$ 270,000	\$ 321,086	\$ 200,700	\$ 197,930	\$ 198,000	\$ (2,700)	-1.3%
02-506-54107. Legal	\$ 60,500	\$ 69,667	\$ 50,000	\$ 20,341	\$ 120,000	\$ 144,649	\$ 120,000	\$ 533,201	\$ 31,212	\$ (88,788)	-74.0%
02-506-54108. Audit & Accounting	\$ 16,000	\$ 10,975	\$ 12,000	\$ 11,779	\$ 15,000	\$ 14,232	\$ 15,300	\$ 10,122	\$ 15,606	\$ 306	2.0%
02-506-54109. Professional Fees	\$ 165,000	\$ 233,334	\$ 270,000	\$ 239,959	\$ 217,691	\$ 369,533	\$ 168,300	\$ 144,600	\$ 171,666	\$ 3,366	2.0%
02-506-55500. Depreciation	\$ -	\$ 3,318,457	\$ 200,000	\$ 200,000	\$ 1,272,330	\$ 3,488,376	\$ 204,000	\$ -	\$ 208,080	\$ 4,080	2.0%
02-506-56001. Insurance	\$ 100,000	\$ 95,653	\$ 100,000	\$ 100,173	\$ 100,000	\$ 132,750	\$ 122,000	\$ 115,135	\$ 104,040	\$ (17,960)	-14.7%
02-506-57030. Regulatory Compliance	\$ 7,000	\$ 9,018	\$ 15,000	\$ 39,529	\$ 35,000	\$ 30,275	\$ 35,700	\$ 39,422	\$ 36,414	\$ 714	2.0%
02-506-57090. Election Related Expenses	\$ -	\$ -	\$ 5,000	\$ 13,280	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
02-506-57095. Yucaipa SGMA	\$ -	\$ -	\$ -	\$ 37,132	\$ 10,000	\$ 9,655	\$ 10,200	\$ 436	\$ 10,404	\$ 204	2.0%
02-506-57096. Beaumont Basin Watermaster	\$ 28,000	\$ 40,482	\$ 44,000	\$ 37,717	\$ 40,000	\$ 23,498	\$ 40,800	\$ 53,913	\$ 41,616	\$ 816	2.0%
02-506-57097. San Timoteo SGMA	\$ -	\$ -	\$ -	\$ -	\$ 5,000	\$ 7,100	\$ 8,100	\$ -	\$ 5,202	\$ (2,898)	-35.8%
02-506-57098. Bunker Hill GSC	\$ -	\$ -	\$ -	\$ 13,379	\$ 15,000	\$ 11,847	\$ 15,300	\$ 38,879	\$ 15,606	\$ 306	2.0%
02-506-57204. Amortized Bond Discount	\$ -	\$ (170,365)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
	\$ 2,735,078	\$ 6,305,992	\$ 2,508,916	\$ 2,794,191	\$ 4,044,094	\$ 6,303,004	\$ 2,955,183	\$ 3,350,279	\$ 2,736,004	\$ (219,179)	-7.4%

Water Division – Administrative Services Department

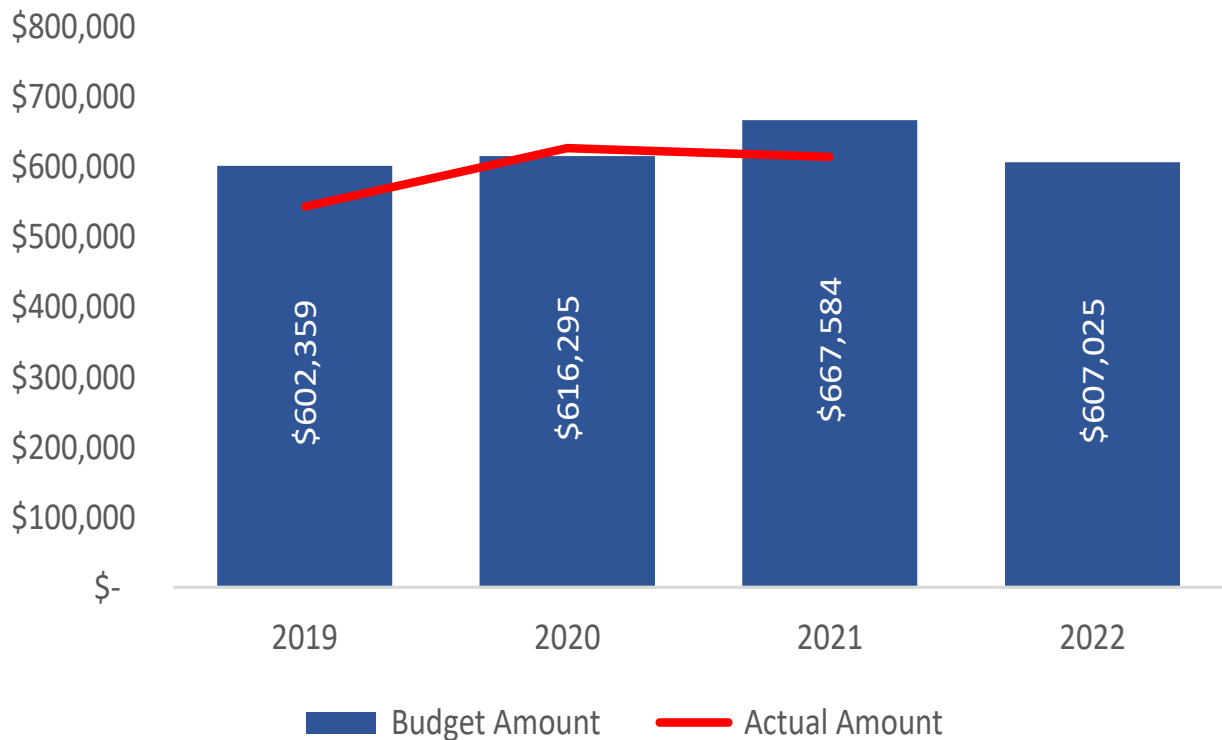
02-506-500xx

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	2017-18 Actual	2018-19 Actual	2019-20 Actual	2020-21 Projection	2021-22 Budget
02-506-50009. Labor - Overtime	\$ -	\$ -	\$ 8,235	\$ 3,340	\$ 5,736
02-506-50010. Labor	\$ 652,877	\$ 543,748	\$ 618,917	\$ 611,386	\$ 601,289
	<u>\$ 652,877</u>	<u>\$ 543,748</u>	<u>\$ 627,152</u>	<u>\$ 614,726</u>	<u>\$ 607,025</u>

Budget vs. Actual



Water Division – Administrative Services Department

02-506-50012

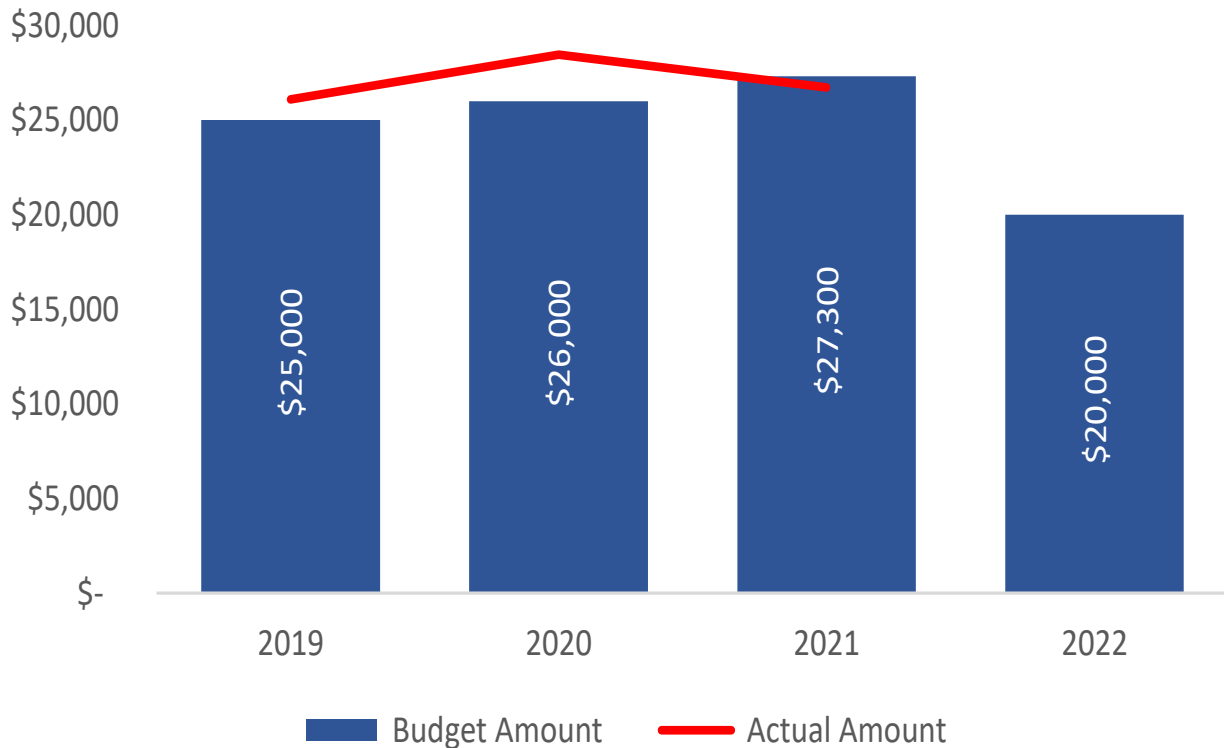
Director Fees

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

2017-18 Actual	2018-19 Actual	2019-20 Actual	2020-21 Projected
\$ 28,791	\$ 26,092	\$ 28,438	\$ 26,715

2021-22 Budget
\$ 20,000

Budget vs. Actual



Water Division – Administrative Services Department

02-506-500xx

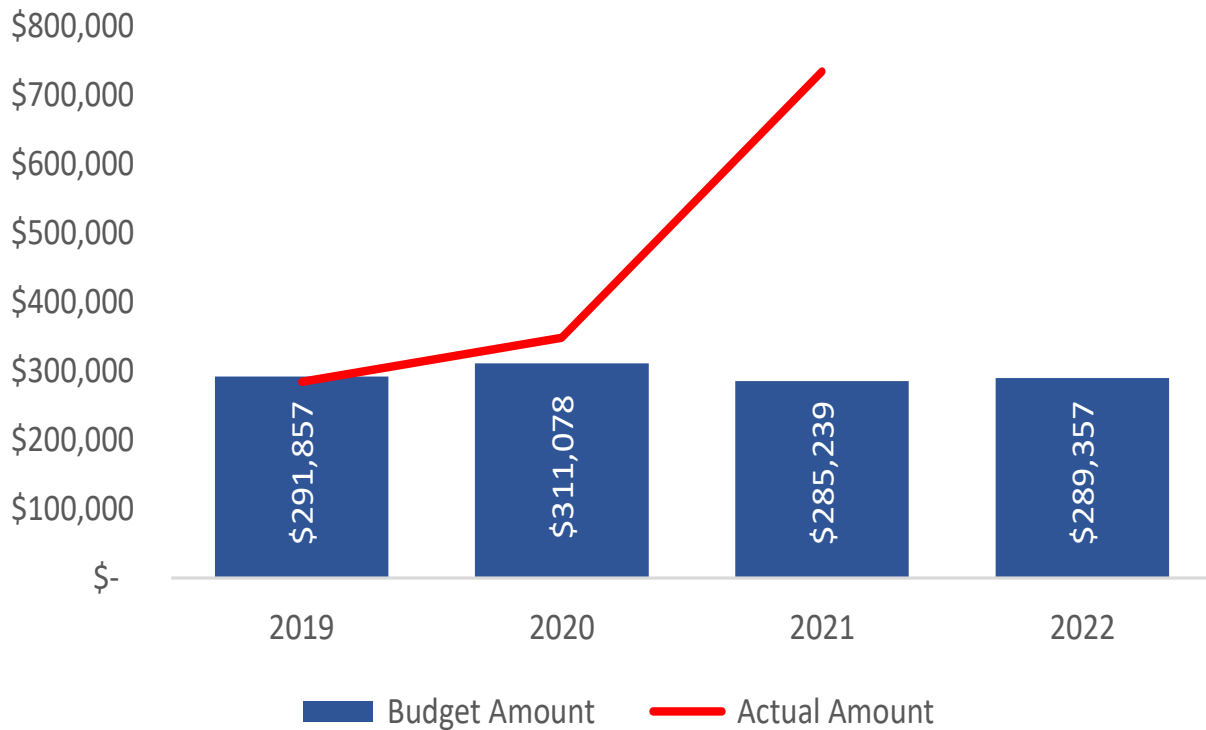
Benefits

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	2017-18 Actual	2018-19 Actual	2019-20 Actual	2020-21 Projection	2021-22 Budget
02-506-50013. Benefits-FICA	\$ 56,318	\$ 45,093	\$ 53,083	\$ 48,783	\$ 60,066
02-506-50014. Benefits-Life Insurance	\$ 1,538	\$ 1,195	\$ 1,156	\$ 1,046	\$ 2,839
02-506-50016. Benefits-Health & Def Comp	\$ 230,322	\$ 169,822	\$ 202,691	\$ 200,815	\$ 156,292
02-506-50017. Benefits-Disability Insurance	\$ 8,698	\$ 7,179	\$ 9,437	\$ 7,079	\$ 13,978
02-506-50019. Benefits-Workers Compensation	\$ 13,493	\$ 14,350	\$ 13,476	\$ 17,100	\$ 3,653
02-506-50021. Benefits-PERS Employee	\$ 23,064	\$ (4,427)	\$ -	\$ (500)	\$ -
02-506-50022. Benefits-PERS Employer	\$ 282,563	\$ 39,960	\$ 49,766	\$ 455,547	\$ 49,910
02-506-50023. Benefits-Uniforms	\$ 2,377	\$ 1,997	\$ 2,977	\$ 3,707	\$ -
02-506-50024. Benefits-Vacation & Sick Pay	\$ 27,675	\$ 5,242	\$ 10,000	\$ -	\$ -
02-506-50025. Benefits-Boots & Incentives	\$ 1,381	\$ 3,435	\$ 5,385	\$ -	\$ 2,619
	\$ 647,430	\$ 283,847	\$ 347,973	\$ 733,577	\$ 289,357

As a result of the implementation of the new financial system in July 2019, Benefits are automatically calculated as a result of payroll within the system. This has resulted in various changes to benefit line items that may have been over or under budgeted in prior years.

Budget vs. Actual



Water Division – Administrative Services Department

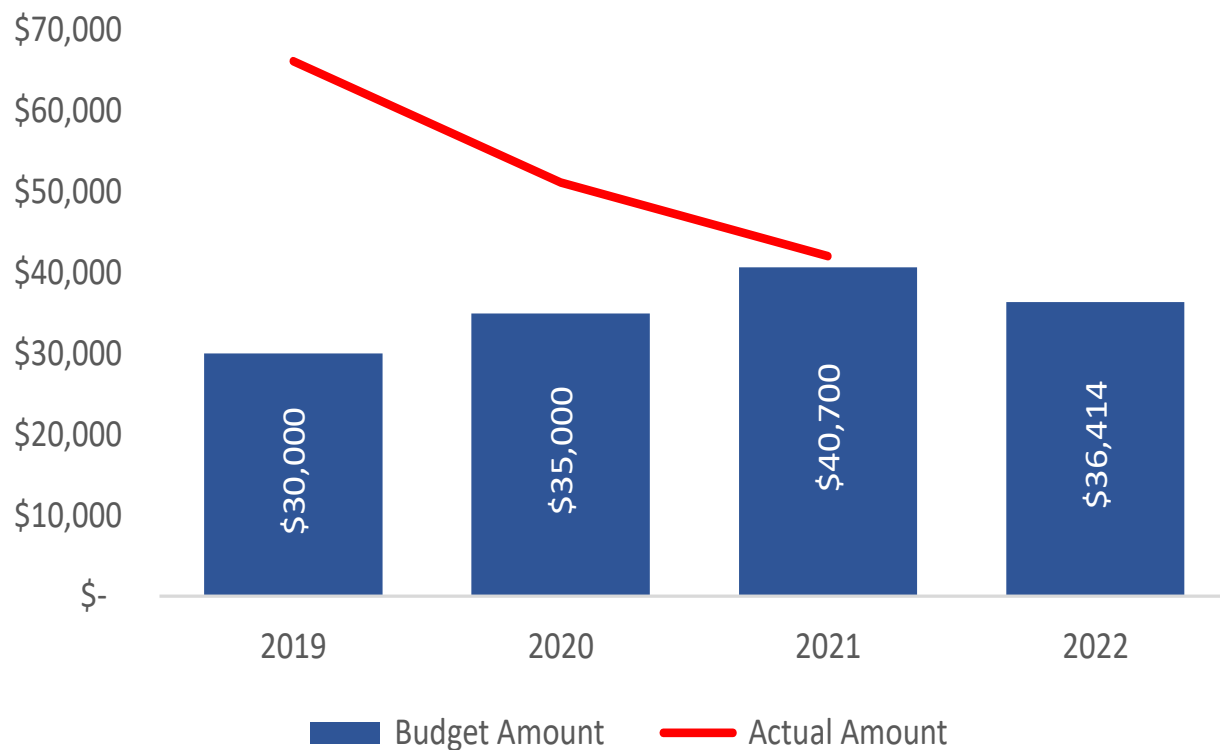
02-506-51003

Repair & Maintenance - Structures

This budget category represents the annual projected costs associated with the maintenance and repair of the District administration building and related facilities. In 2017, the District completed remodeling of the interior of the main office to address the deterioration of the building and organizational restructuring due to the retirement of most of the management staff members. In 2018, the District completed a new exterior building for the field staff. This building includes a new meeting area for staff, breakroom, locker rooms and additional space to house equipment and inventory.

2017-18 Actual	2018-19 Actual	2019-20 Actual	2020-21 Projected	2021-22 Budget
\$ 240,877	\$ 66,196	\$ 51,173	\$ 42,086	\$ 36,414

Budget vs. Actual



Water Division – Administrative Services Department

02-506-51120

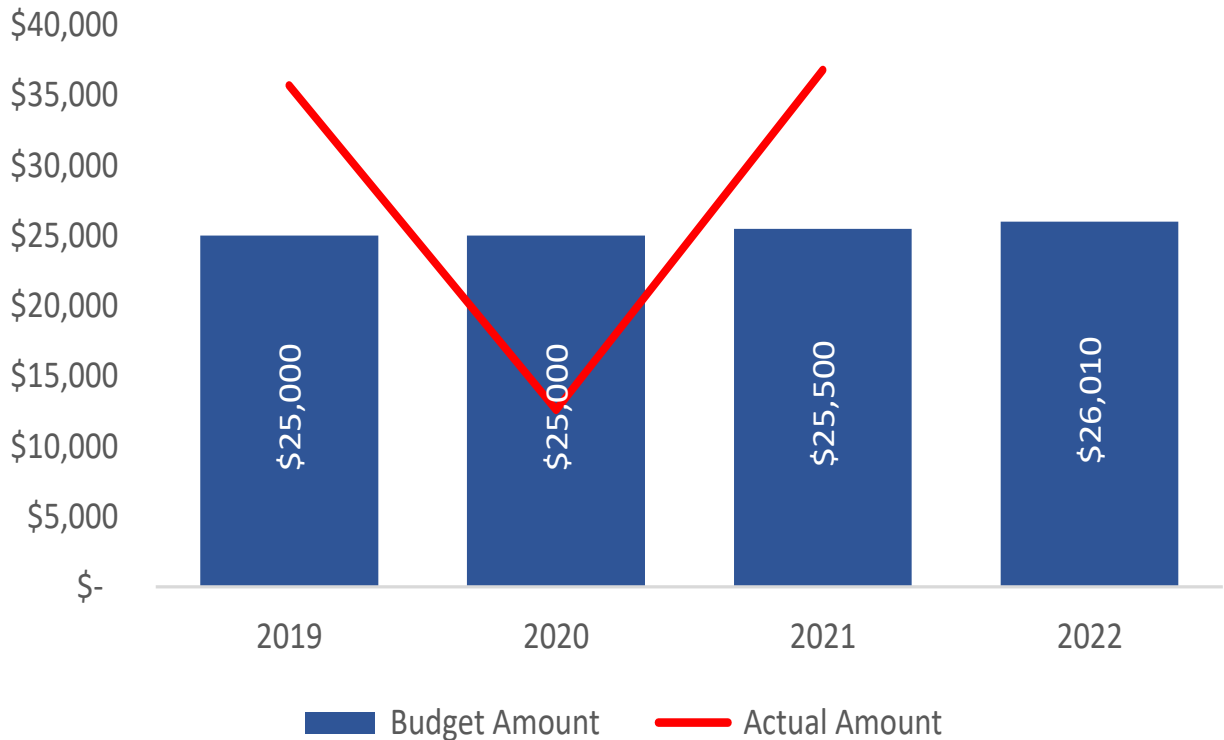
Safety Equipment & Supplies

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.

2017-18 Actual	2018-19 Actual	2019-20 Actual	2020-21 Projected
\$ 32,559	\$ 35,680	\$ 12,581	\$ 36,788

2021-22 Budget
\$ 26,010

Budget vs. Actual



Water Division – Administrative Services Department

02-506-51125

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.

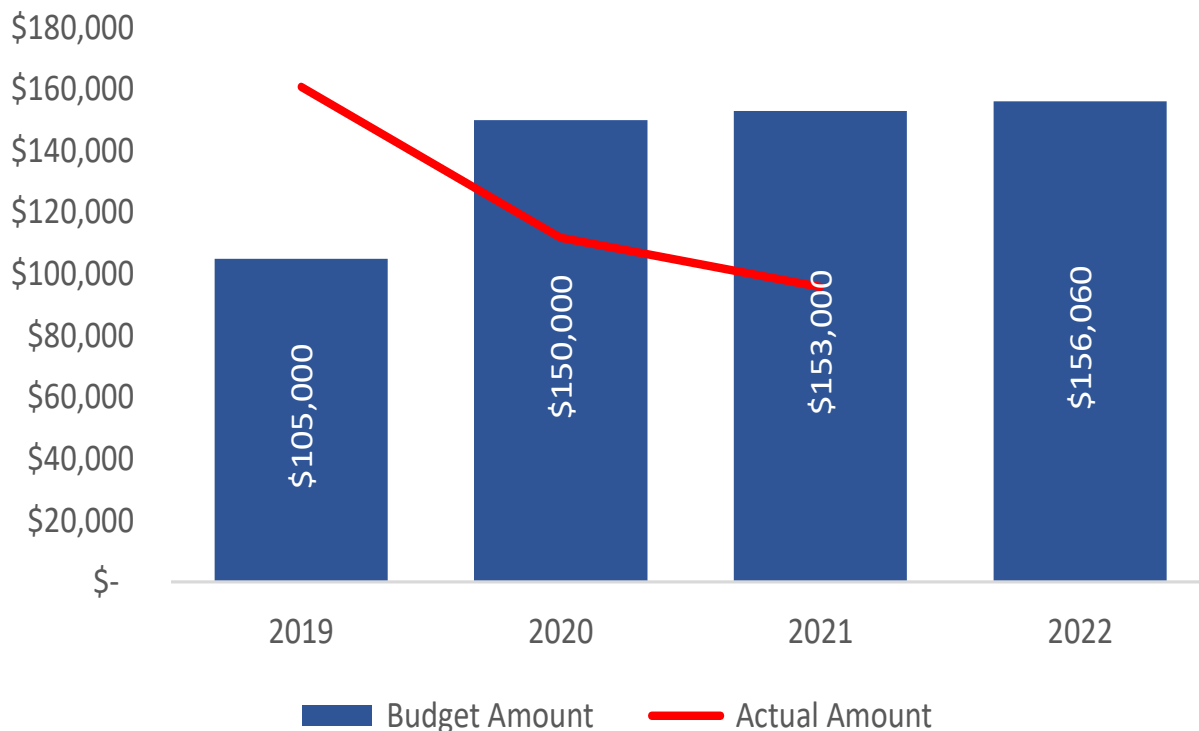
Line Item Detail:

Unleaded Gasoline	\$ 85,500
Diesel Fuel	\$ 64,060
Oil and Disposal Costs	\$ 3,500
Propane	\$ 3,000
Total	\$ 156,060

2017-18 Actual	2018-19 Actual	2019-20 Actual	2020-21 Projected
\$ 112,681	\$ 160,758	\$ 111,806	\$ 95,835

2021-22 Budget
\$ 156,060

Budget vs. Actual



Water Division – Administrative Services Department

02-506-51130

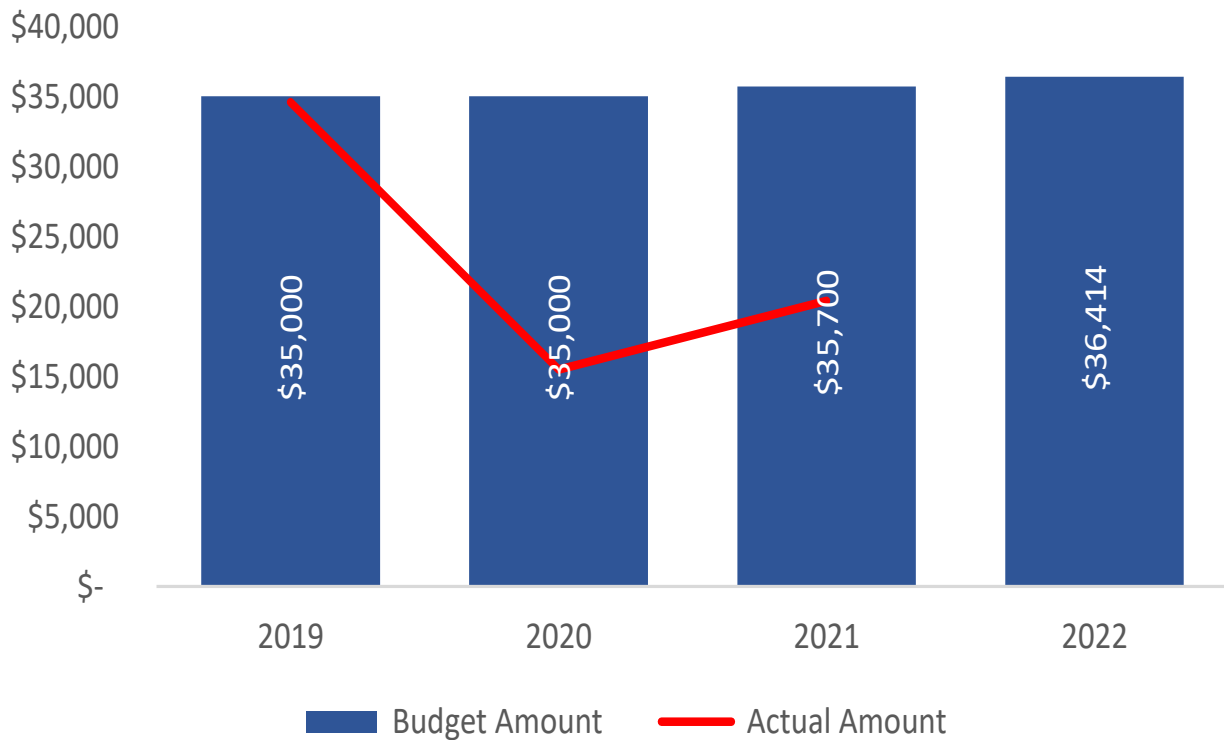
Office Supplies

This budget category is used for office supplies for the drinking water division.

2017-18 Actual	2018-19 Actual	2019-20 Actual	2020-21 Projected
\$ 40,037	\$ 34,603	\$ 15,502	\$ 20,424

2021-22 Budget
\$ 36,414

Budget vs. Actual



Water Division – Administrative Services Department

02-506-51140

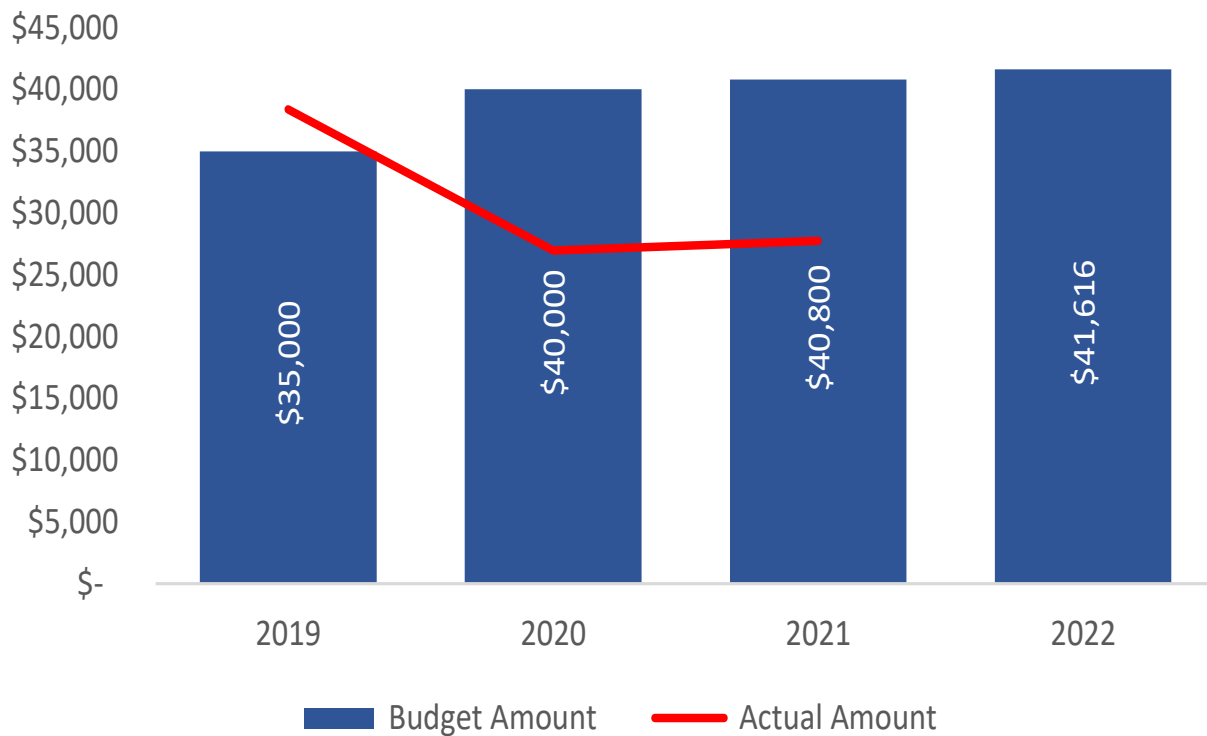
General Supplies & Expenses

This budget includes the supplies and expenses related to the operation of the Administrative Services Department.

2017-18 Actual	2018-19 Actual	2019-20 Actual	2020-21 Projected
\$ 58,368	\$ 38,392	\$ 26,960	\$ 27,723

2021-22 Budget
\$ 41,616

Budget vs. Actual



Water Division – Administrative Services Department

02-506-51211

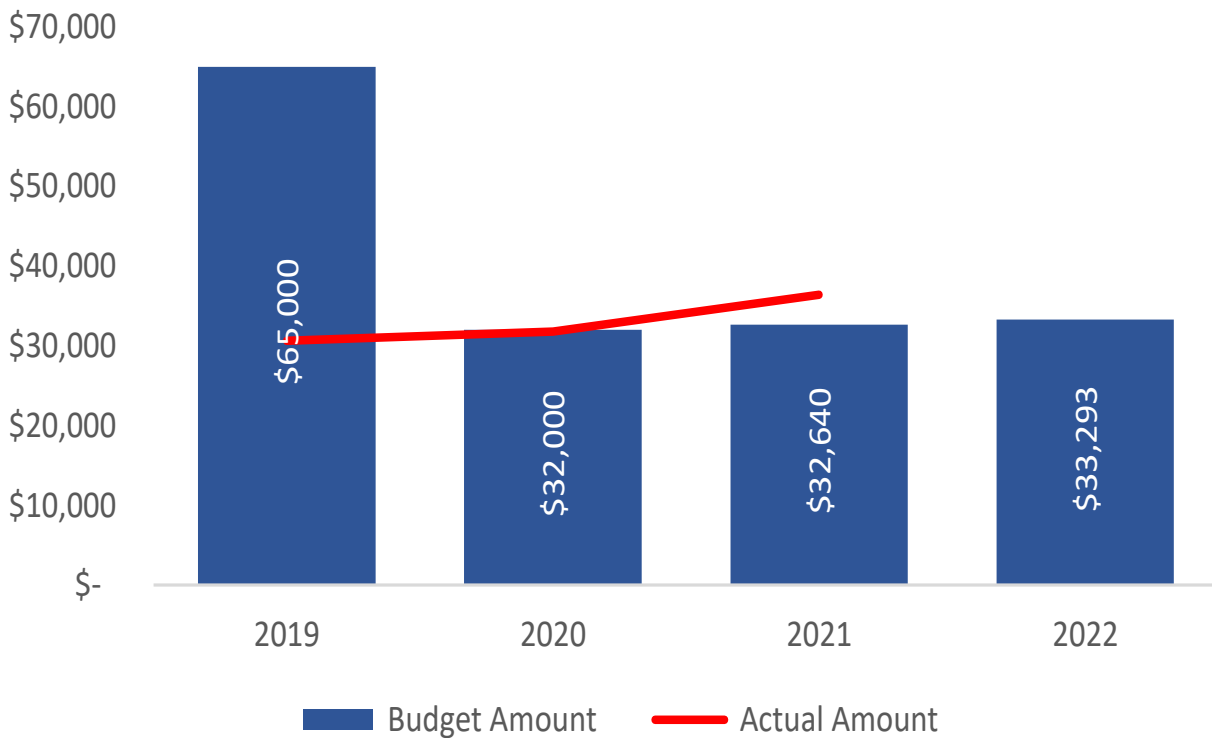
Electricity

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

2017-18 Actual	2018-19 Actual	2019-20 Actual	2020-21 Projected
\$ 32,243	\$ 30,666	\$ 31,816	\$ 36,435

2021-22 Budget
\$ 33,293

Budget vs. Actual



Water Division – Administrative Services Department

02-506-51213

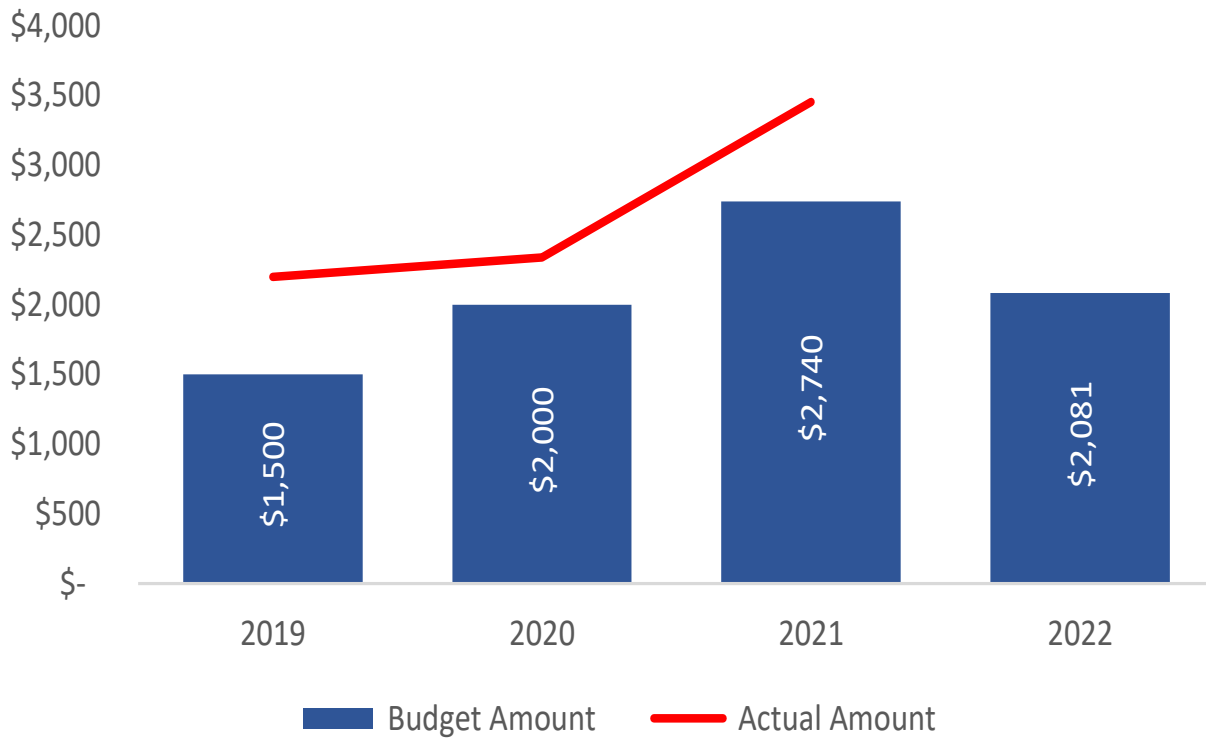
Natural Gas

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.

2017-18 Actual	2018-19 Actual	2019-20 Actual	2020-21 Projected
\$ 1,374	\$ 2,199	\$ 2,336	\$ 3,452

2021-22 Budget
\$ 2,081

Budget vs. Actual



Water Division – Administrative Services Department

02-506-54002

Dues & Subscriptions

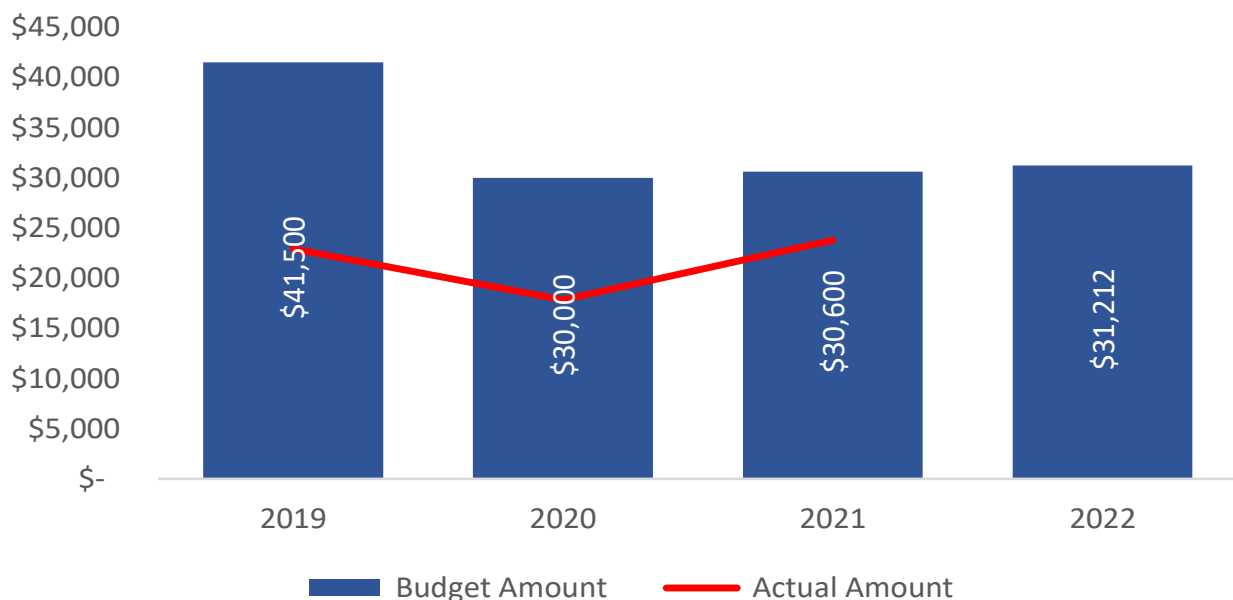
This budget category includes all costs related to membership dues and periodical subscriptions for the water division during the fiscal year.

Line Item Detail:

American Water Works Association (AWWA)	\$ 4,887
Association of California Water Agencies (ACWA)	\$ 400
Association of Environmental Professionals (AEP)	\$ 250
Association of San Bernardino County Special Districts	\$ 138
California Municipal Treasury Association (CMTA)	\$ 155
California Society of Municipal Finance Officers (CSMFO)	\$ 110
California Special Districts Association (CSDA)	\$ 3,521
California Water Environmental Association (CWEA)	\$ 4,800
California Water Efficiency Partnership (CalWEP)	\$ 3,677
Emergency Response Network of the Inland Empire (ERNIE)	\$ 200
Groundwater Resources Association of California	\$ 315
Society for Human Resource Management (SHRM)	\$ 209
Southwest Membrane Operator Association	\$ 375
Water ISAC	\$ 2,099
Other Subscriptions	\$ 10,076
Total	\$ 31,212

2017-18 Actual	2018-19 Actual	2019-20 Actual	2020-21 Projected	2021-22 Budget
\$ 15,828	\$ 22,928	\$ 17,852	\$ 23,776	\$ 31,212

Budget vs. Actual



Water Division – Administrative Services Department

02-506-54005

Computer Expenses

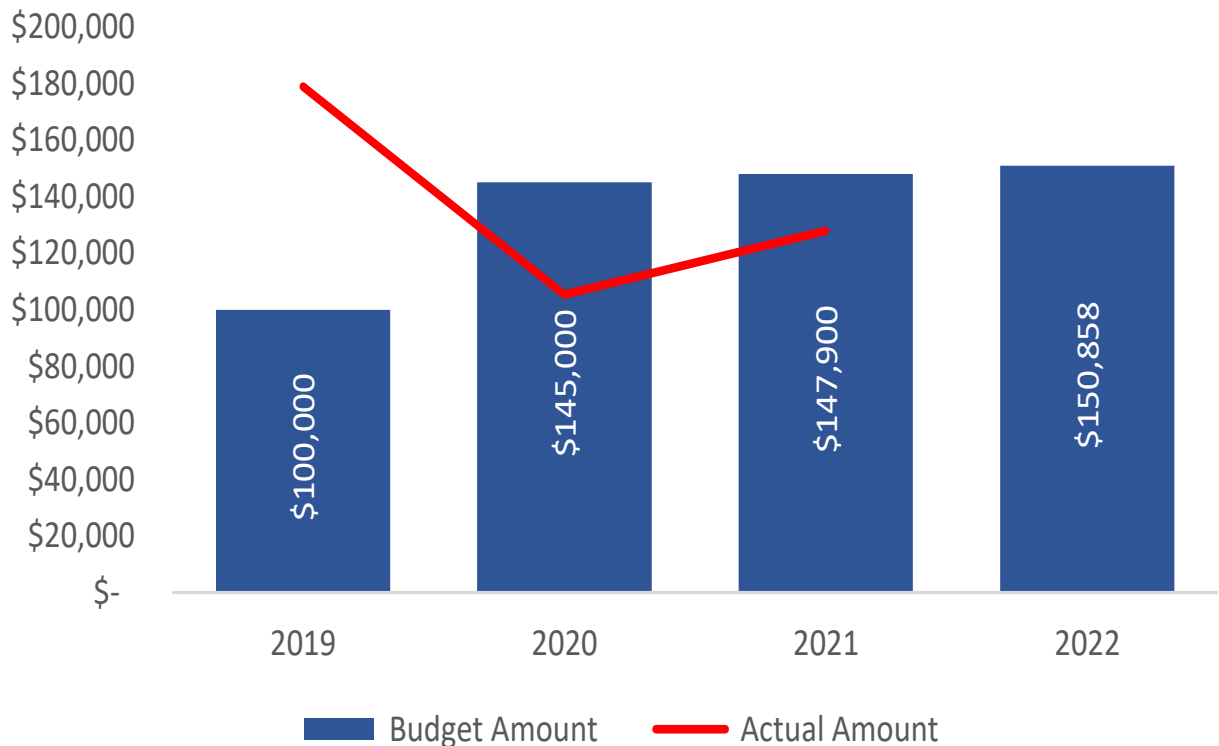
The District staff relies heavily upon the proper orientations and integration of our various computer systems. Therefore, this budget category includes the costs related to modifications and improvements in the operation of the computer systems.

Line Item Detail:

Computer and Network Maintenance	\$ 82,958
Hardware and Software	\$ 35,000
General Accounting and Customer Service Programs	\$ 32,900
Total	\$ 150,858

2017-18 Actual	2018-19 Actual	2019-20 Actual	2020-21 Projected	2021-22 Budget
\$ 143,990	\$ 178,771	\$ 105,265	\$ 127,953	\$ 150,858

Budget vs. Actual



Water Division – Administrative Services Department

02-506-54010

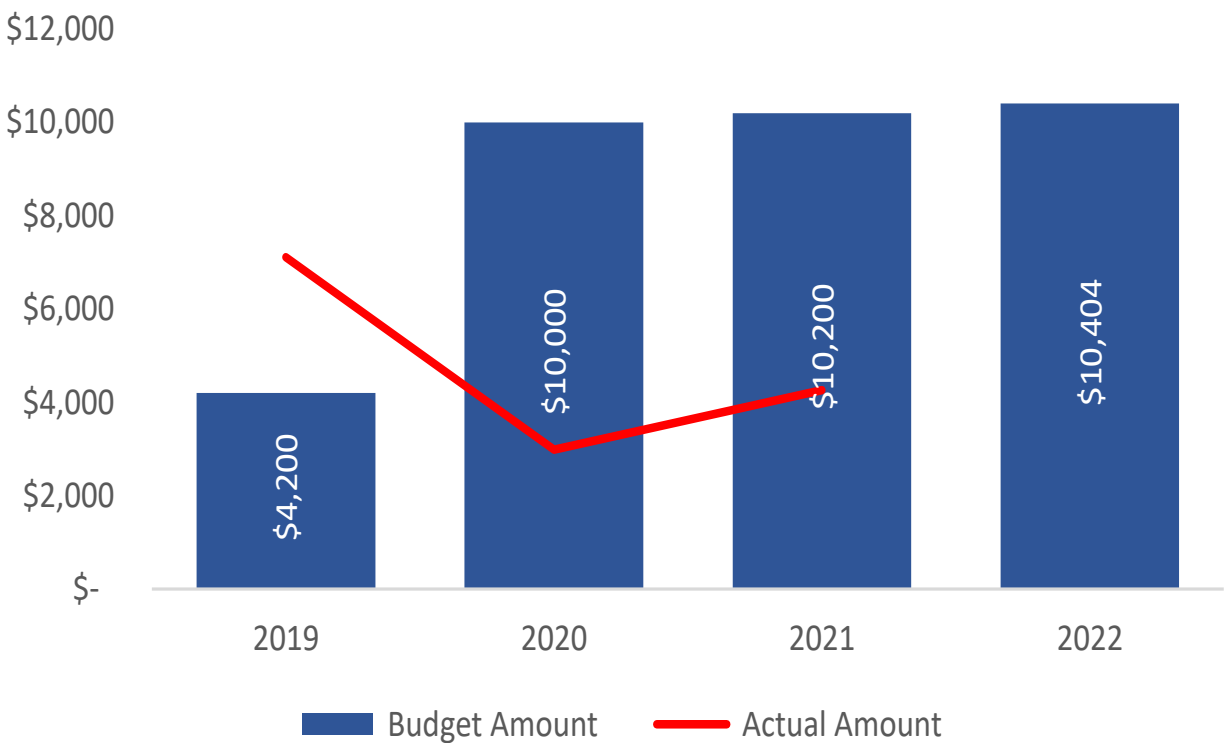
Postage

This budget category will be used to pay for the cost of postage, envelopes and miscellaneous postage supplies.

In fiscal year 2019, District staff mailed a number of notices to customers regarding public meetings to discuss the increase in rates by the San Gorgonio Pass Water Agency (SGPWA).

2017-18 Actual	2018-19 Actual	2019-20 Actual	2020-21 Projected	2021-22 Budget
\$ 4,702	\$ 7,112	\$ 2,989	\$ 4,268	\$ 10,404

Budget vs. Actual



Water Division – Administrative Services Department

02-506-54012

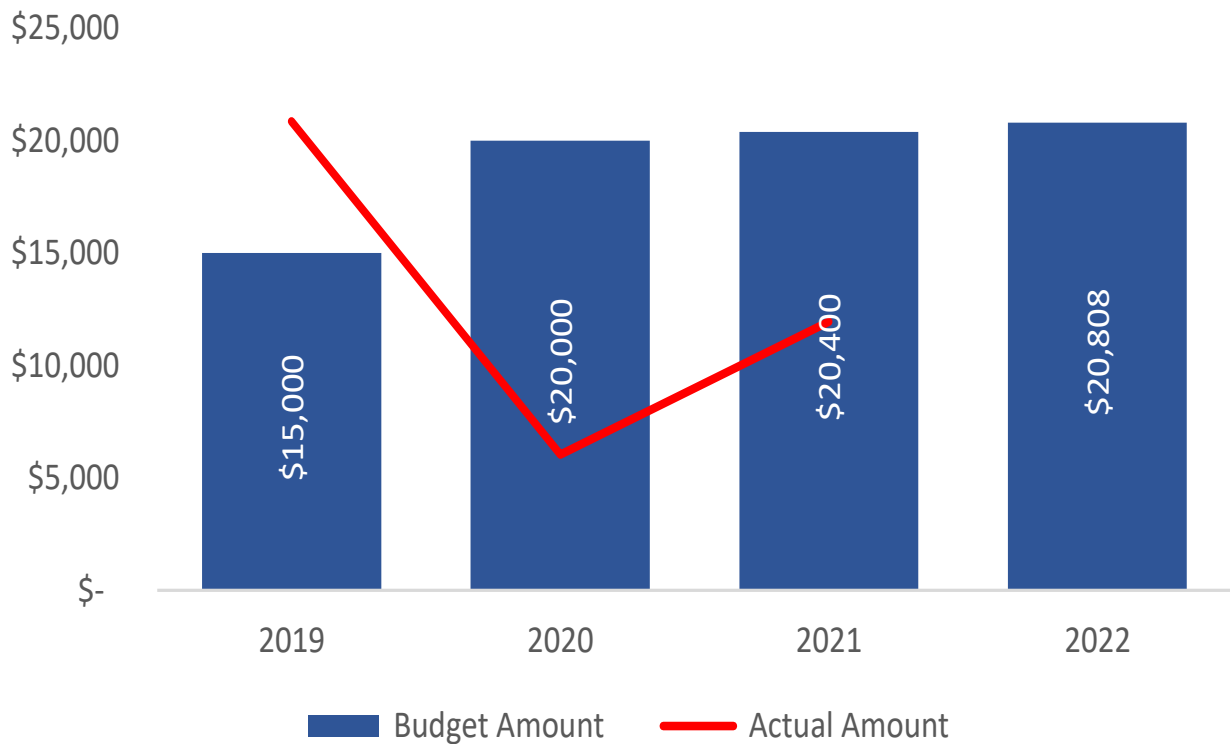
Education & Training

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.

2017-18 Actual	2018-19 Actual	2019-20 Actual	2020-21 Projected
\$ 12,335	\$ 20,857	\$ 6,045	\$ 11,944

2021-22 Budget
\$ 20,808

Budget vs. Actual



Water Division – Administrative Services Department

02-506-54013

Utility Billing Expenses

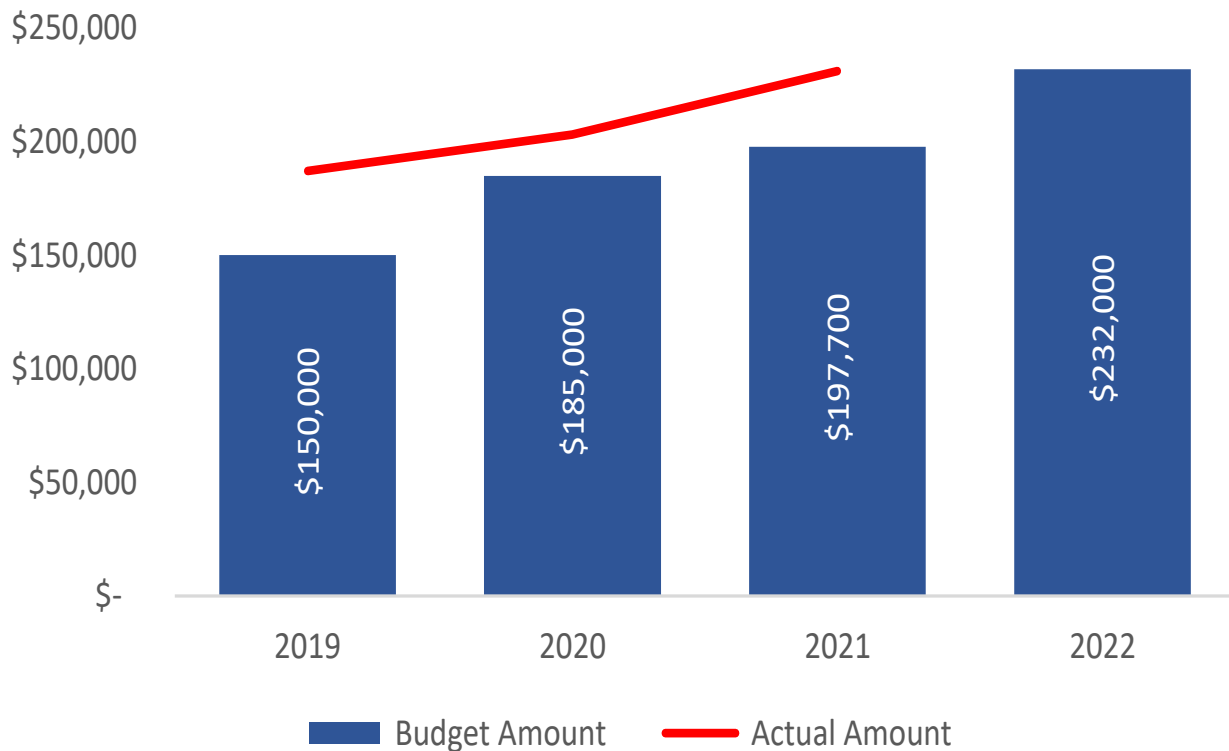
This budget category represents the costs associated with the production and collection of monthly customer invoices. The postage necessary to mail the monthly utility bills are included in this budget line item. The District waives the credit card fees charged to customers to encourage the use of alternative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

Line Item Detail:

Utility Billing Expenses	\$ 192,000
Credit Card Convenience Fees	\$ 40,000
Total	\$ 232,000

2017-18 Actual	2018-19 Actual	2019-20 Actual	2020-21 Projected	2021-22 Budget
\$ 186,178	\$ 187,221	\$ 203,185	\$ 231,210	\$ 232,000

Budget vs. Actual



Water Division – Administrative Services Department

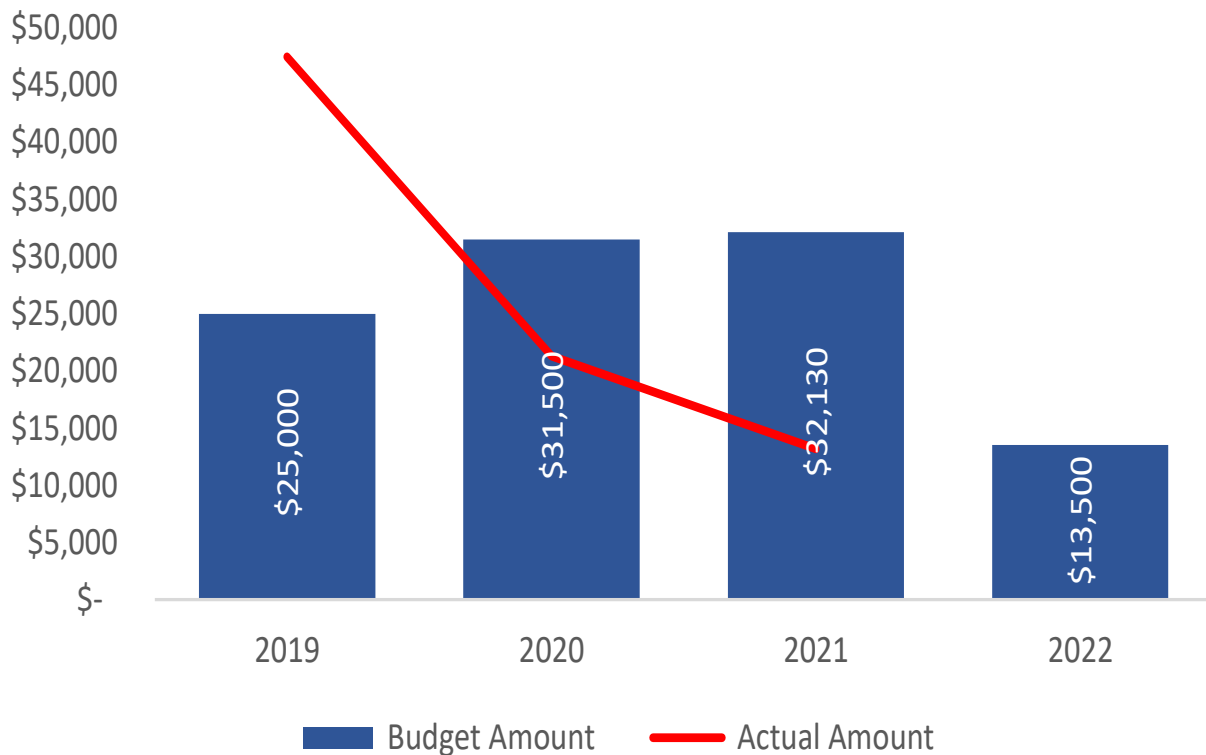
02-506-54014

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. In 2017-18, all historical and future budget data for the Printing and Publications budget category (02-506-54011) was combined here.

2017-18 Actual	2018-19 Actual	2019-20 Actual	2020-21 Projected	2021-22 Budget
\$ 24,128	\$ 47,463	\$ 21,273	\$ 13,164	\$ 13,500

Budget vs. Actual



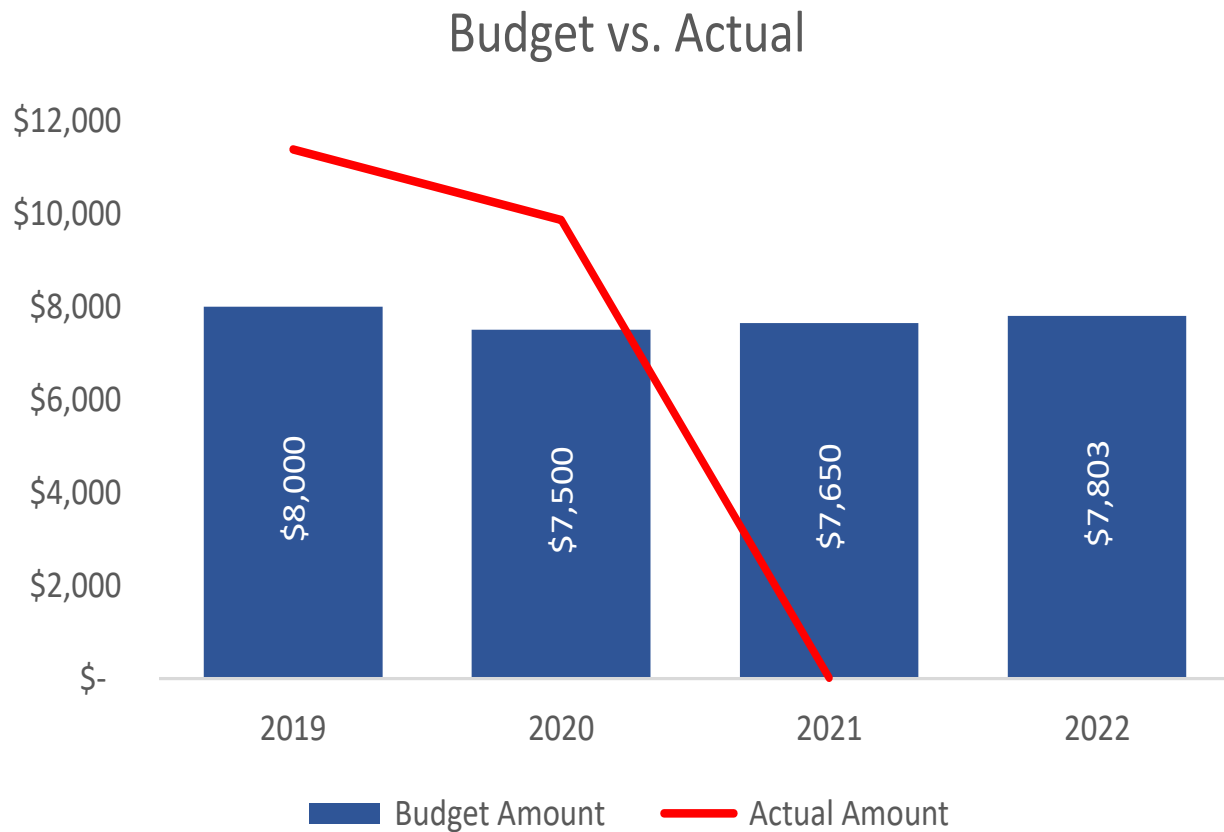
Water Division – Administrative Services Department

02-506-54016

Travel Related Expenses

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

2017-18 Actual	2018-19 Actual	2019-20 Actual	2020-21 Projected	2021-22 Budget
\$ 18,794	\$ 11,376	\$ 9,865	\$ 22	\$ 7,803



Water Division – Administrative Services Department

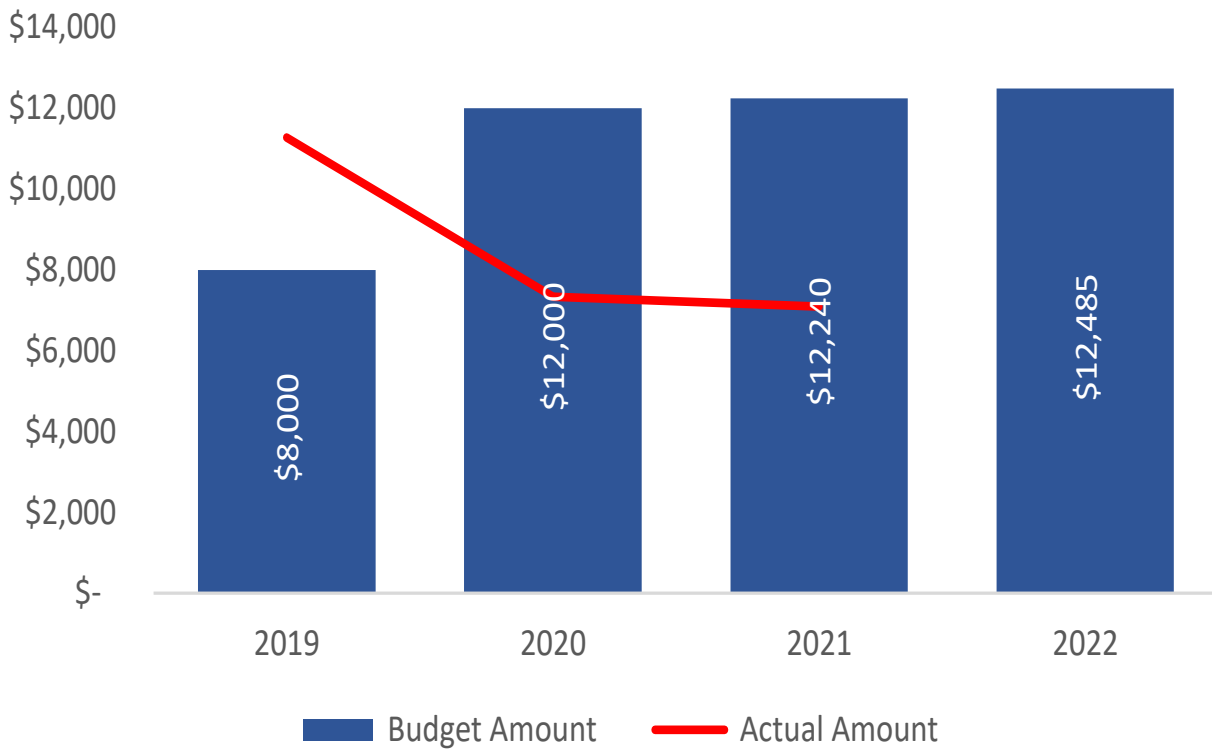
02-506-54017

Certifications & Renewals

This budget category is used for Water Division employee certifications.

2017-18 Actual	2018-19 Actual	2019-20 Actual	2020-21 Projected	2021-22 Budget
\$ 10,184	\$ 11,271	\$ 7,334	\$ 7,096	\$ 12,485

Budget vs. Actual



Water Division – Administrative Services Department

02-506-54020

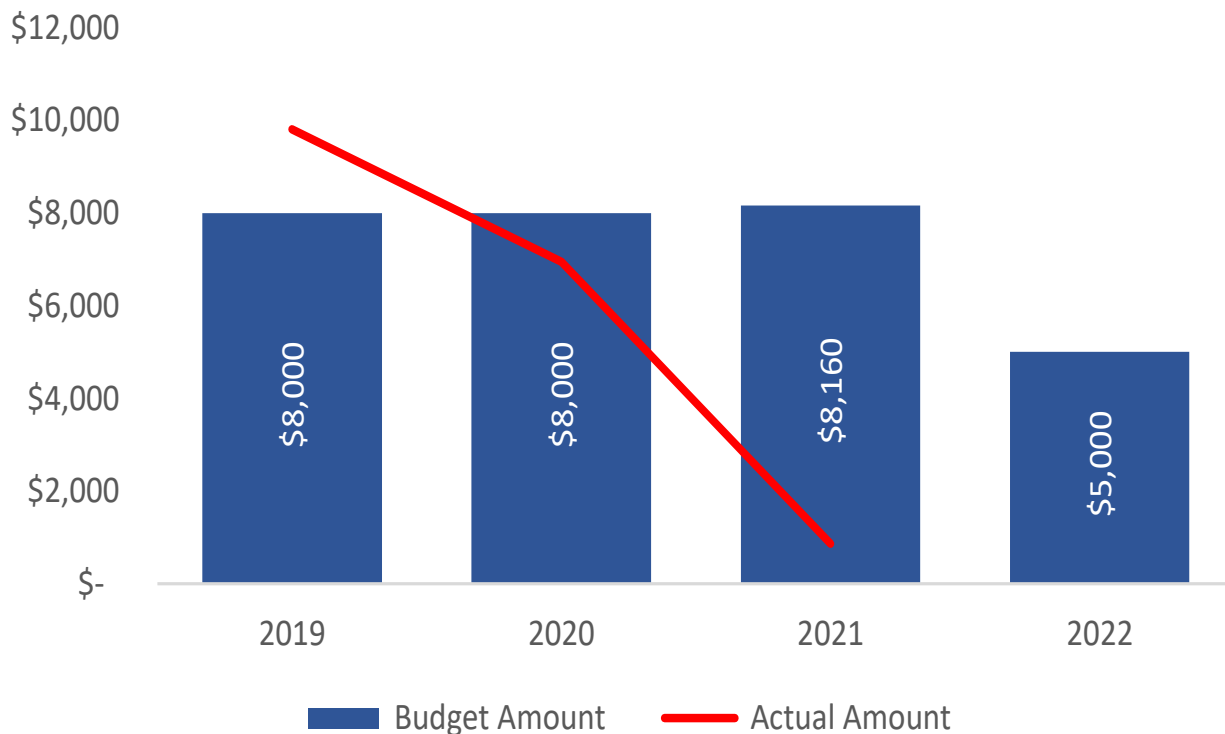
Meeting Related Expenses

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.

2017-18 Actual	2018-19 Actual	2019-20 Actual	2020-21 Projected
\$ 8,051	\$ 9,806	\$ 6,950	\$ 860

2021-22 Budget
\$ 5,000

Budget vs. Actual



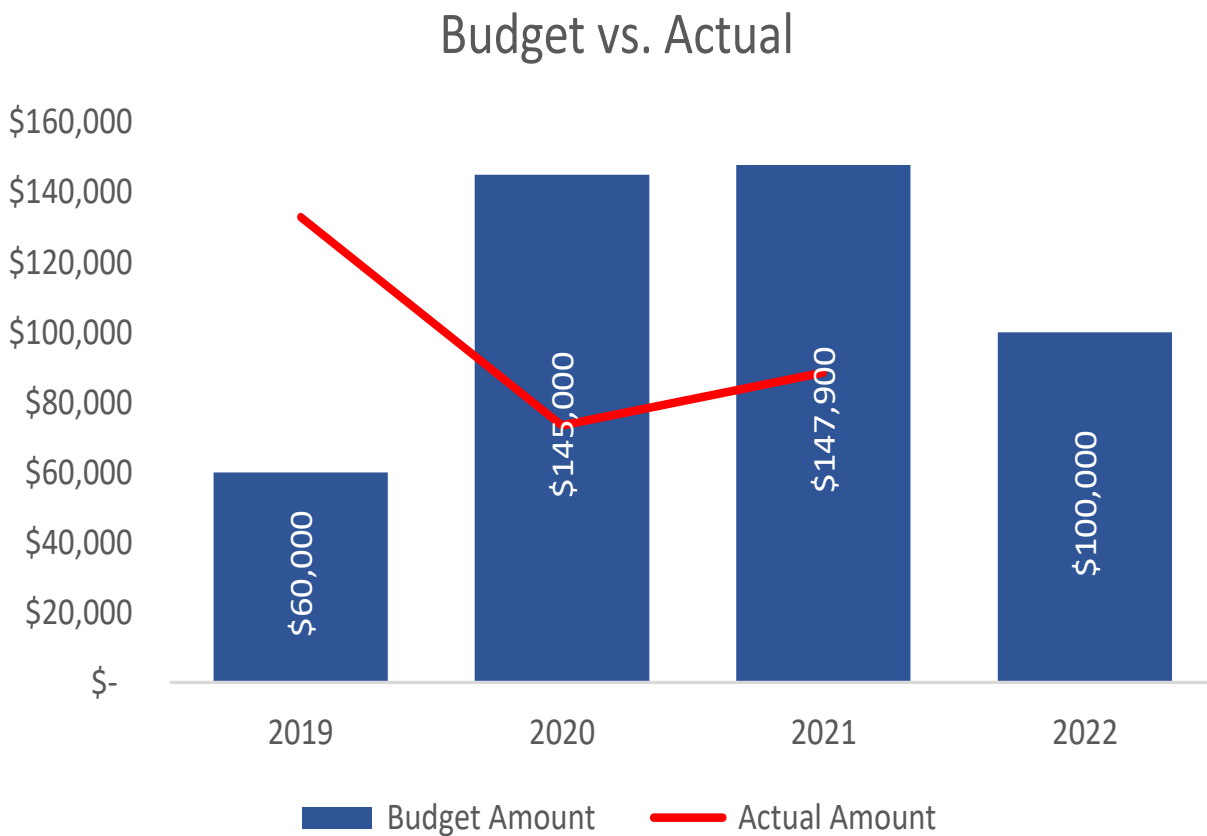
Water Division – Administrative Services Department

02-506-54022

Utilities – YVWD Services

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

2017-18 Actual	2018-19 Actual	2019-20 Actual	2020-21 Projected	2021-22 Budget
\$ 84,675	\$ 132,887	\$ 73,390	\$ 88,446	\$ 100,000



Water Division – Administrative Services Department

02-506-54024

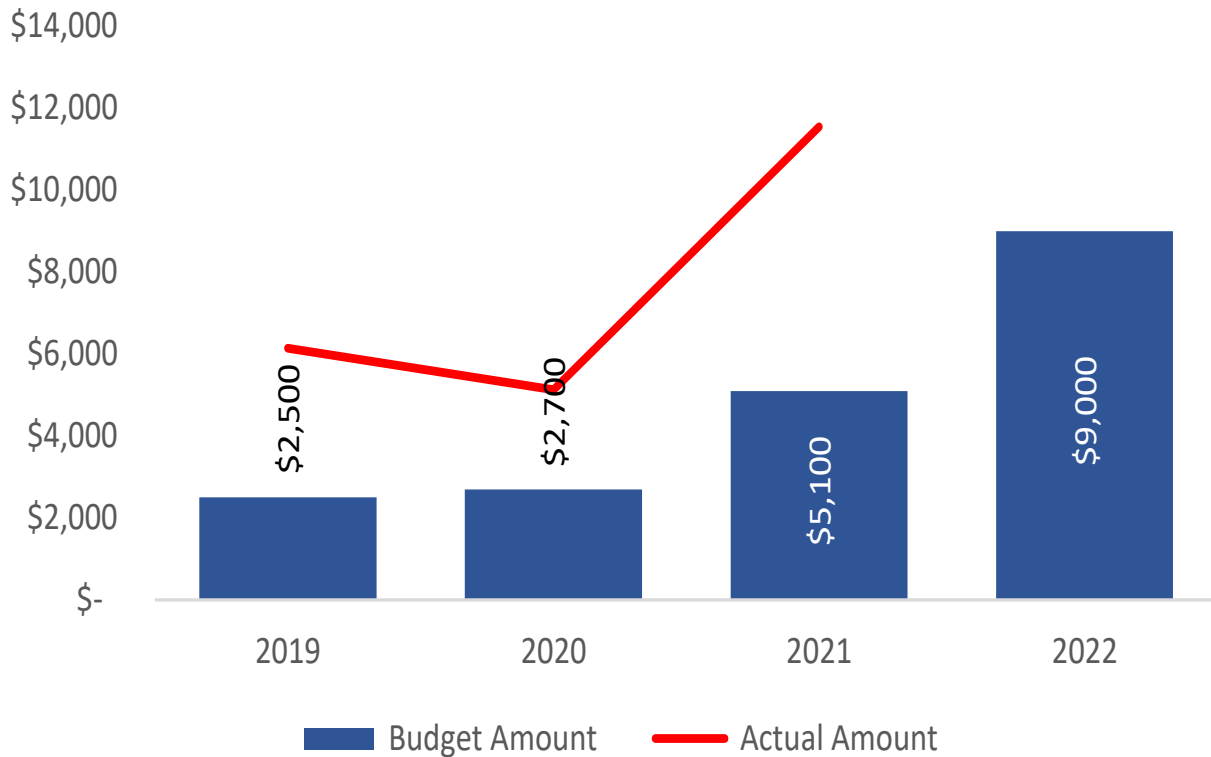
Waste Disposal

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

In fiscal year 2019, District staff requested additional trash services as a result of cleaning and re-organizing the warehouse.

2017-18 Actual	2018-19 Actual	2019-20 Actual	2020-21 Projected	2021-22 Budget
\$ 2,522	\$ 6,144	\$ 5,130	\$ 11,544	\$ 9,000

Budget vs. Actual



Water Division – Administrative Services Department

02-506-54025

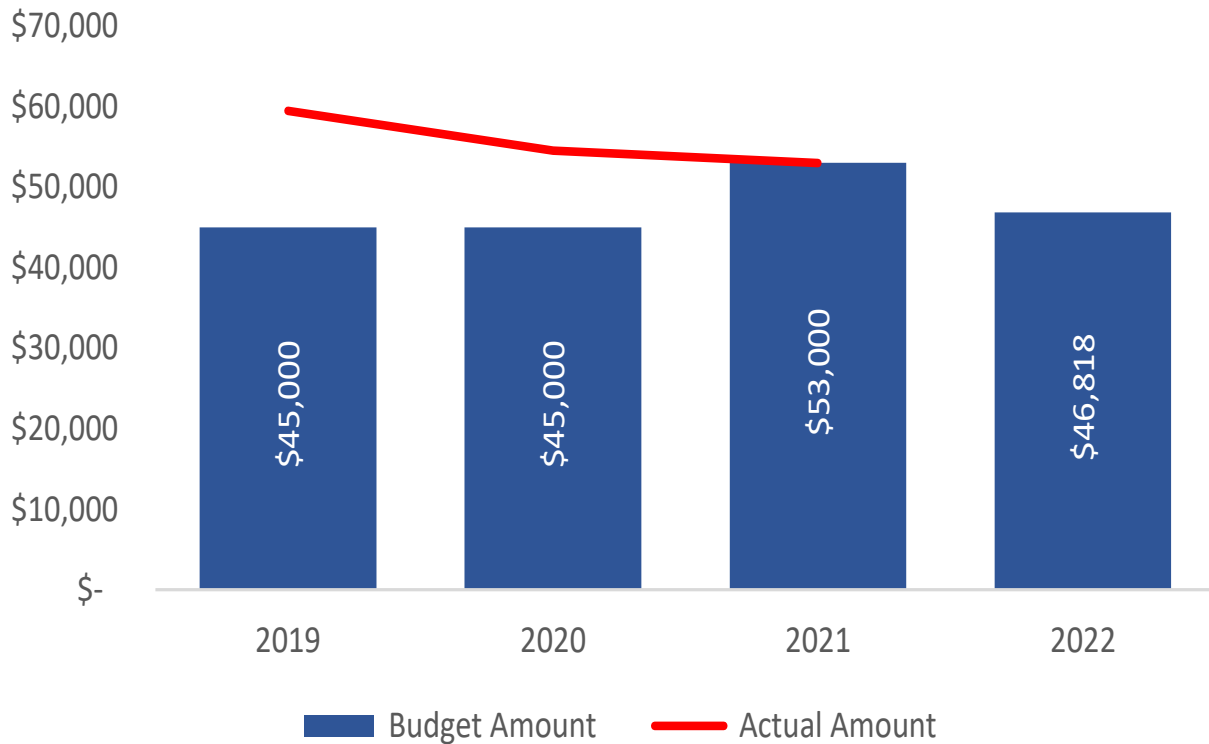
Telephone & Internet

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.

2017-18 Actual	2018-19 Actual	2019-20 Actual	2020-21 Projected
\$ 45,221	\$ 59,473	\$ 54,521	\$ 52,989

2021-22 Budget
\$ 46,818

Budget vs. Actual



Water Division – Administrative Services Department

02-506-54099

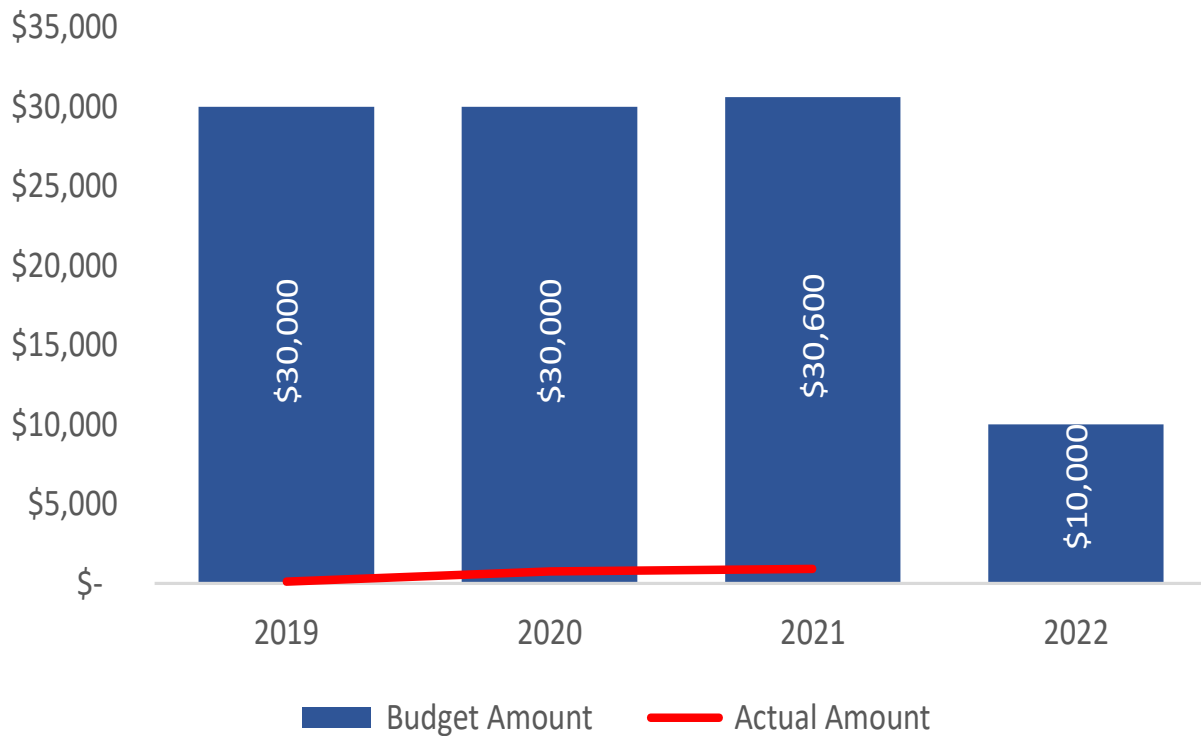
Conservation & Rebates

This budget category represents the costs associated with the May 5, 2015 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.

2017-18 Actual	2018-19 Actual	2019-20 Actual	2020-21 Projected
\$ 22,735	\$ 100	\$ 750	\$ 901

2021-22 Budget
\$ 10,000

Budget vs. Actual



Water Division – Administrative Services Department

02-506-54104

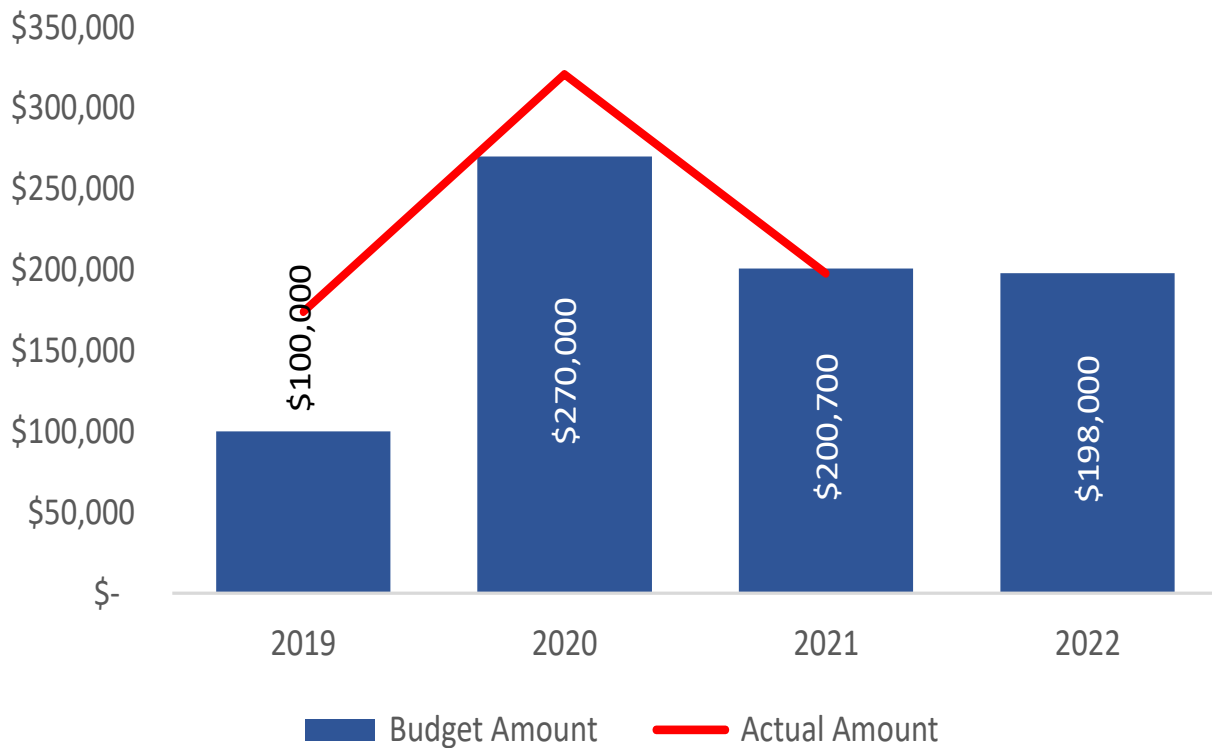
Contractual Services

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, and other miscellaneous services. Fiscal year 2018-19 included charges for WaterTrax, Caselle and Elements as well as data mitigation. In addition, in fiscal year 2018-19 as well as 2019-20, the District utilized temporary staffing for customer service.

2017-18 Actual	2018-19 Actual	2019-20 Actual	2020-21 Projected
\$ 134,746	\$ 174,211	\$ 321,086	\$ 197,930

2021-22 Budget
\$ 198,000

Budget vs. Actual



Water Division – Administrative Services Department

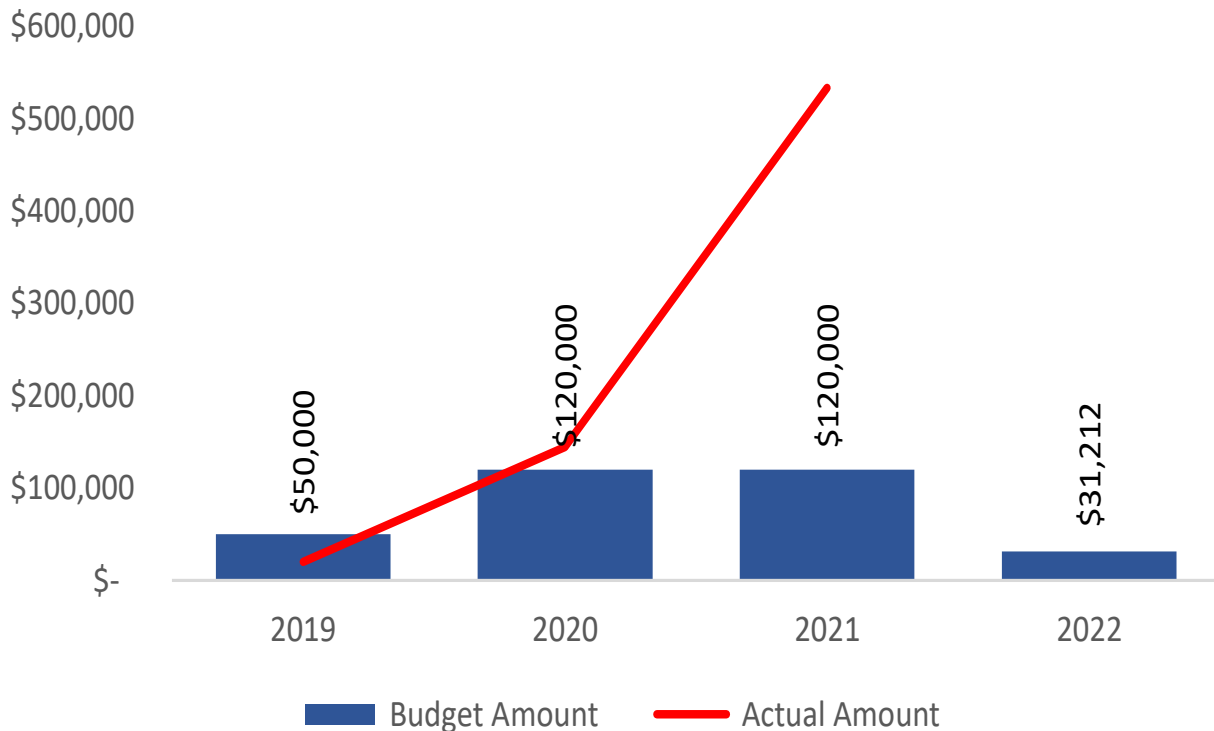
02-506-54107

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 2019-20 there were additional legal expenses for various litigation compared to prior years.

2017-18 Actual	2018-19 Actual	2019-20 Actual	2020-21 Projected	2021-22 Budget
\$ 69,667	\$ 20,341	\$ 144,649	\$ 533,201	\$ 31,212

Budget vs. Actual



Water Division – Administrative Services Department

02-506-54108

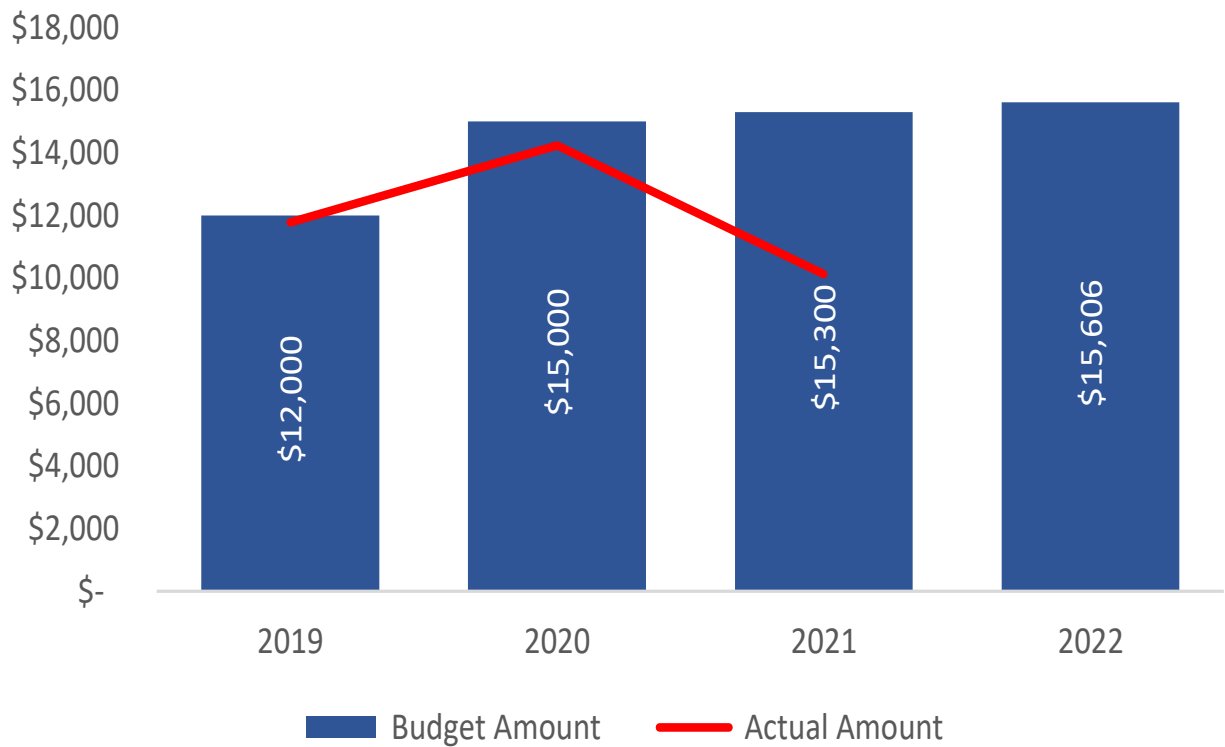
Audit & Accounting

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

2017-18 Actual	2018-19 Actual	2019-20 Actual	2020-21 Projected
\$ 10,975	\$ 11,779	\$ 14,232	\$ 10,122

2021-22 Budget
\$ 15,606

Budget vs. Actual



Water Division – Administrative Services Department

02-506-54109

Professional Services

This budget category represents the annual projected 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.

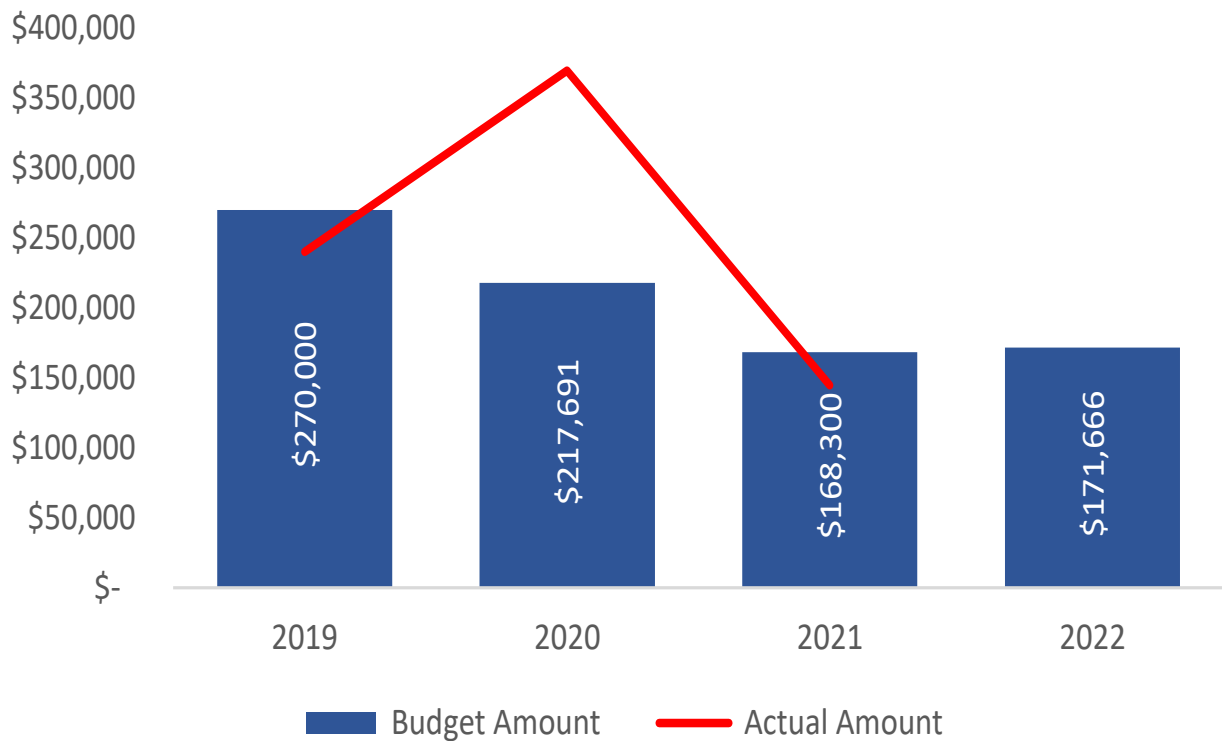
Line Item Detail:

Engineering Services	\$ 97,666
Legislative Consulting Services	\$ 49,000
Labor Consulting Services	\$ 25,000
Total	\$ 171,666

2017-18 Actual	2018-19 Actual	2019-20 Actual	2020-21 Projected
\$ 233,334	\$ 239,959	\$ 369,533	\$ 144,600

2021-22 Budget
\$ 171,666

Budget vs. Actual



Water Division – Administrative Services Department

02-506-56001

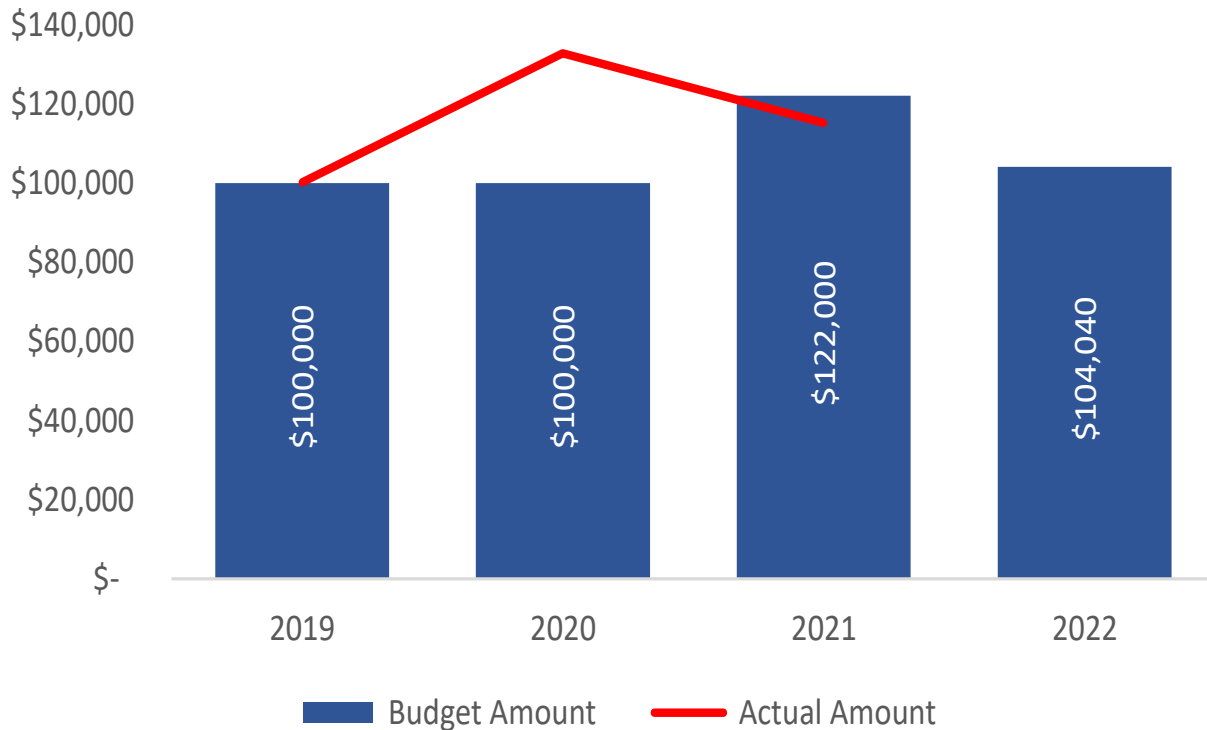
Insurance

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.

2017-18 Actual	2018-19 Actual	2019-20 Actual	2020-21 Projected
\$ 95,653	\$ 100,173	\$ 132,750	\$ 115,135

2021-22 Budget
\$ 104,040

Budget vs. Actual



Water Division – Administrative Services Department

02-506-57030

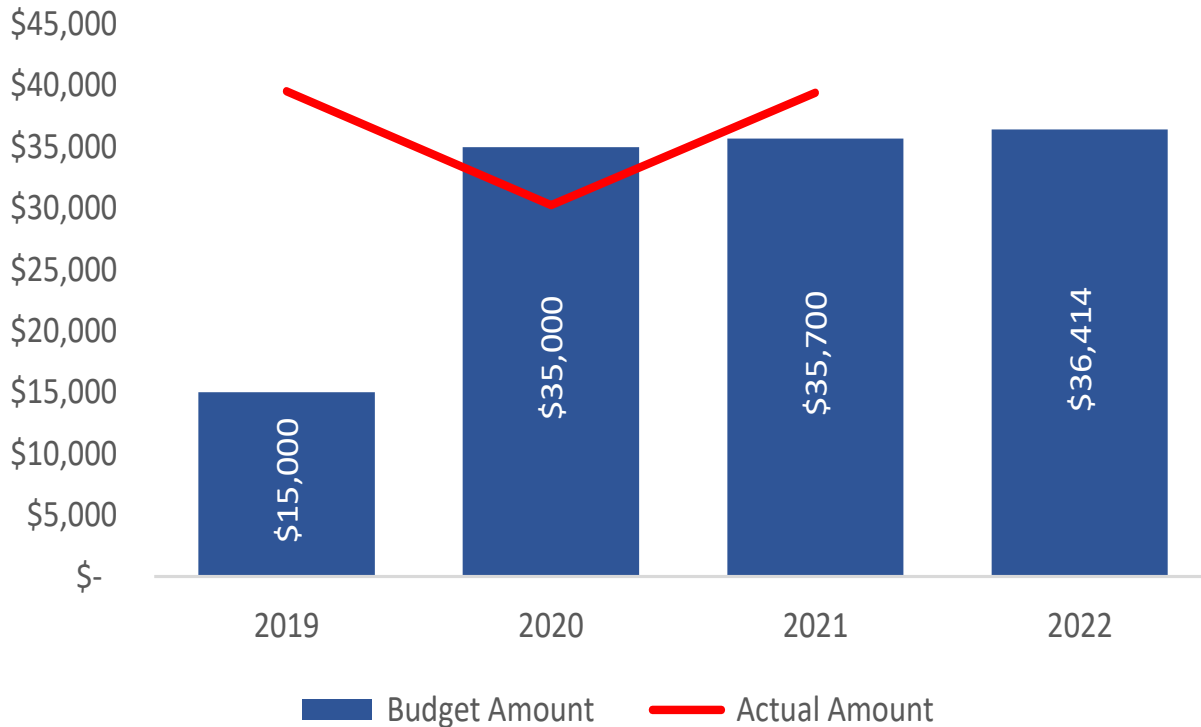
Regulatory Compliance

This budget category is used for regulatory compliance expenses for the Water Division. In fiscal year 2018-19, District staff began working with a consultant on the Hazard Mitigation Plan (HMP). This was completed in fiscal year 2020-21.

2017-18 Actual	2018-19 Actual	2019-20 Actual	2020-21 Projected
\$ 9,018	\$ 39,529	\$ 30,275	\$ 39,422

2021-22 Budget
\$ 36,414

Budget vs. Actual



Water Division – Administrative Services Department

02-506-57095

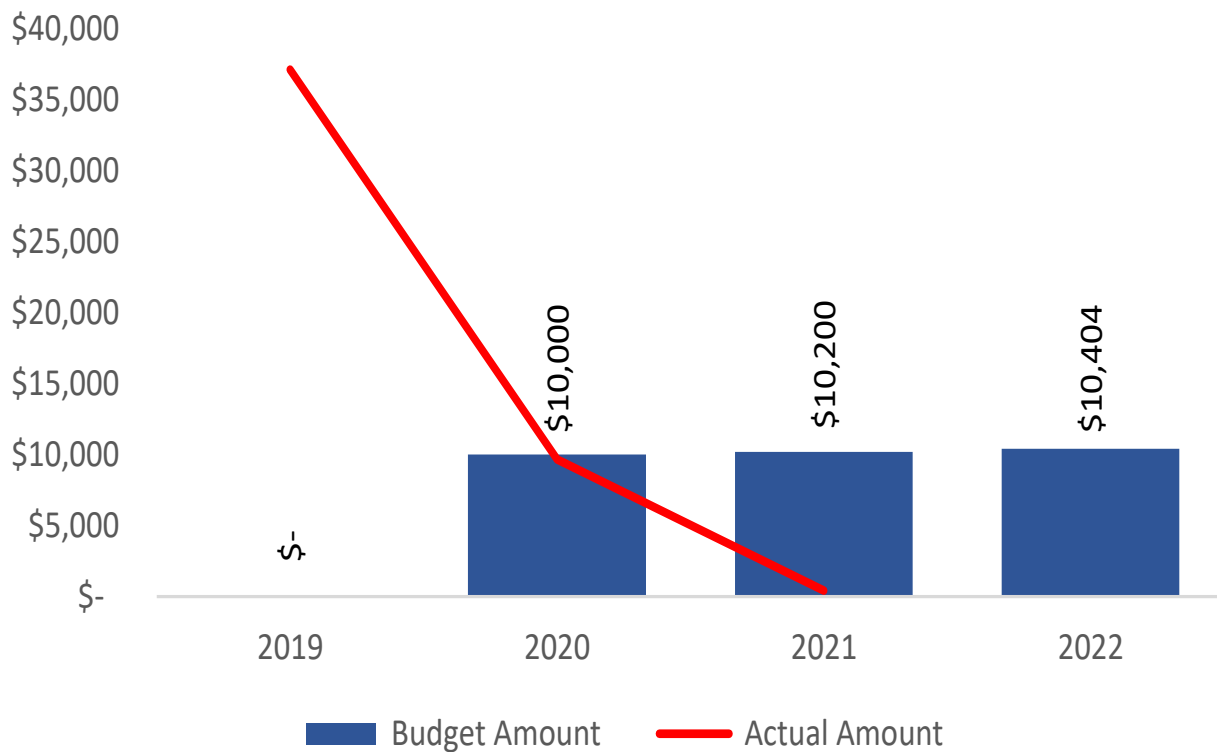
Yucaipa SGMA

This budget category is used for expenses related to the Yucaipa SGMA. This is a newly budgeted line item for fiscal year 2019-20. The actual expenses for fiscal year 2018-19 were a result of multiple years.

2017-18 Actual	2018-19 Actual	2019-20 Actual	2020-21 Projected
\$ -	\$ 37,132	\$ 9,655	\$ 436

2021-22 Budget
\$ 10,404

Budget vs. Actual



Water Division – Administrative Services Department

02-506-57096

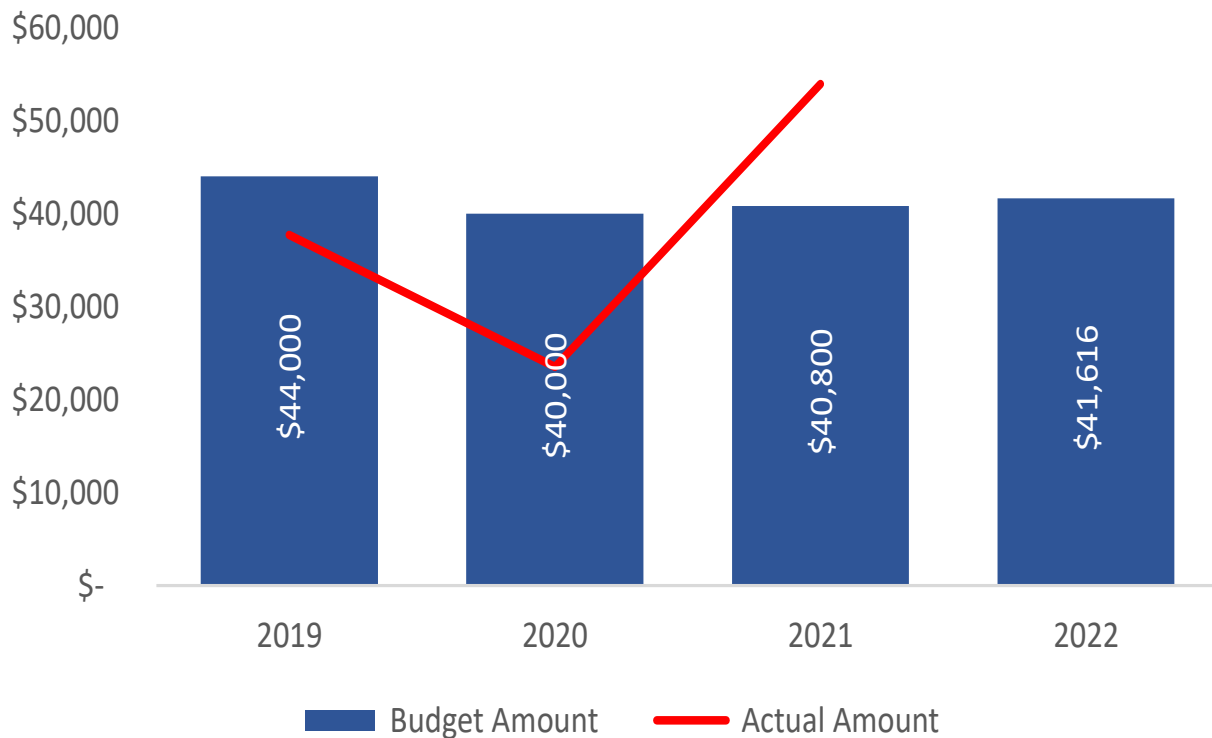
Beaumont Basin Watermaster

This budget category is used for expenses related to the Beaumont Basin Watermaster.

2017-18 Actual	2018-19 Actual	2019-20 Actual	2020-21 Projected
\$ 40,482	\$ 37,717	\$ 23,498	\$ 53,913

2021-22 Budget
\$ 41,616

Budget vs. Actual



Water Division – Administrative Services Department

02-506-57097

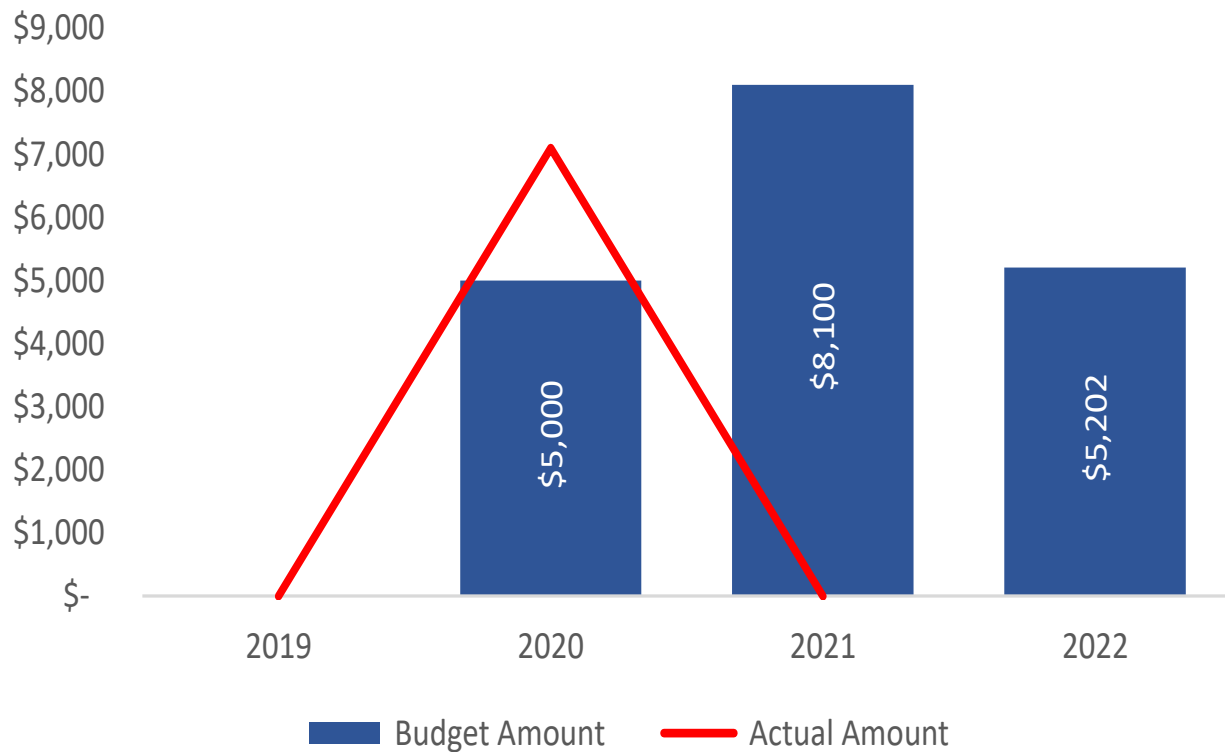
San Timoteo SGMA

This budget category is used for expenses related to the San Timoteo SGMA. This was a newly budget line item in fiscal year 2019-20.

2017-18 Actual	2018-19 Actual	2019-20 Actual	2020-21 Projected
\$ -	\$ -	\$ 7,100	\$ -

2021-22 Budget
\$ 5,202

Budget vs. Actual



Water Division – Administrative Services Department

02-506-57098

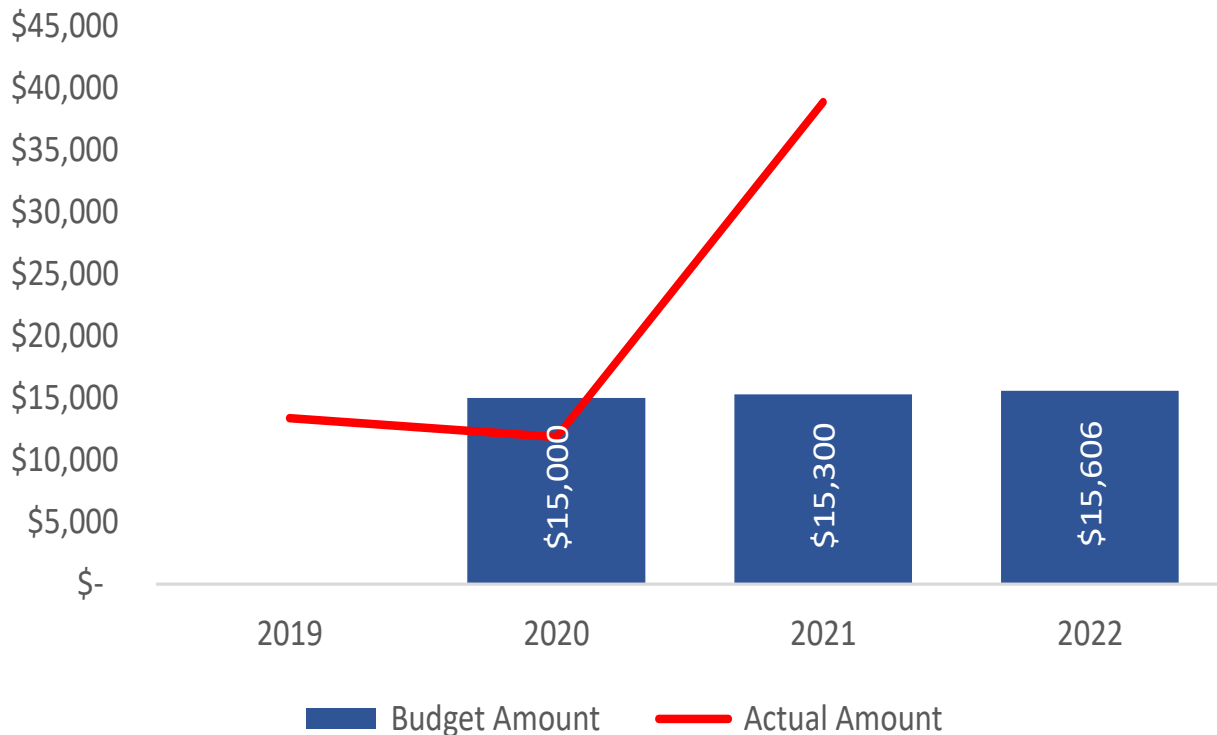
Bunker Hill GSC

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.

2017-18 Actual	2018-19 Actual	2019-20 Actual	2020-21 Projected
\$ -	\$ 13,379	\$ 11,847	\$ 38,879

2021-22 Budget
\$ 15,606

Budget vs. Actual

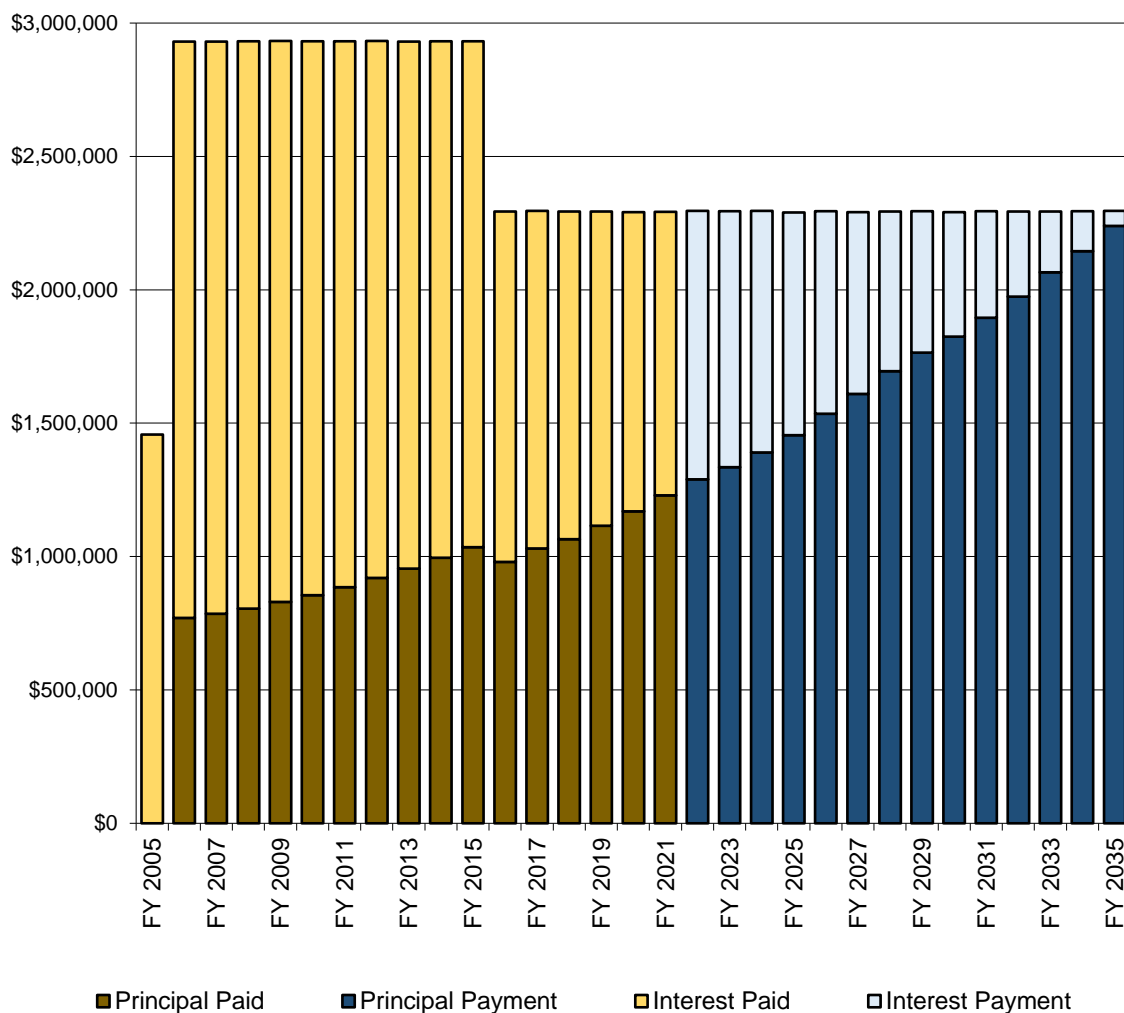


Water Division Debt Service

Department Description – The Drinking Water Debt Service expenditures are associated with the 2004A bond issuance.

Background of Debt Issuance – The Yucaipa Valley Water District Financing Corporation was established on May 24, 2004 as a nonprofit public benefit corporation organized for the sole purpose of acquiring, constructing, rehabilitating, financing and refinancing of, or providing for the sale or leasing of, facilities, land and equipment for the use, benefit and enjoyment of the public served by public agencies in the State of California and any other purpose incidental thereto. In June 2004, the Yucaipa Valley Water Financing Corporation issued \$45,730,000 in revenue bonds for the construction of water related facilities related to the Yucaipa Valley Regional Water Filtration Facility. In early 2015, the outstanding debt was refinanced, resulting in lower principal and interest payment for the remaining term of the financing.

The following schedule provides the principal and interest payments through the full term of the financing.



Water Division – Debt Service

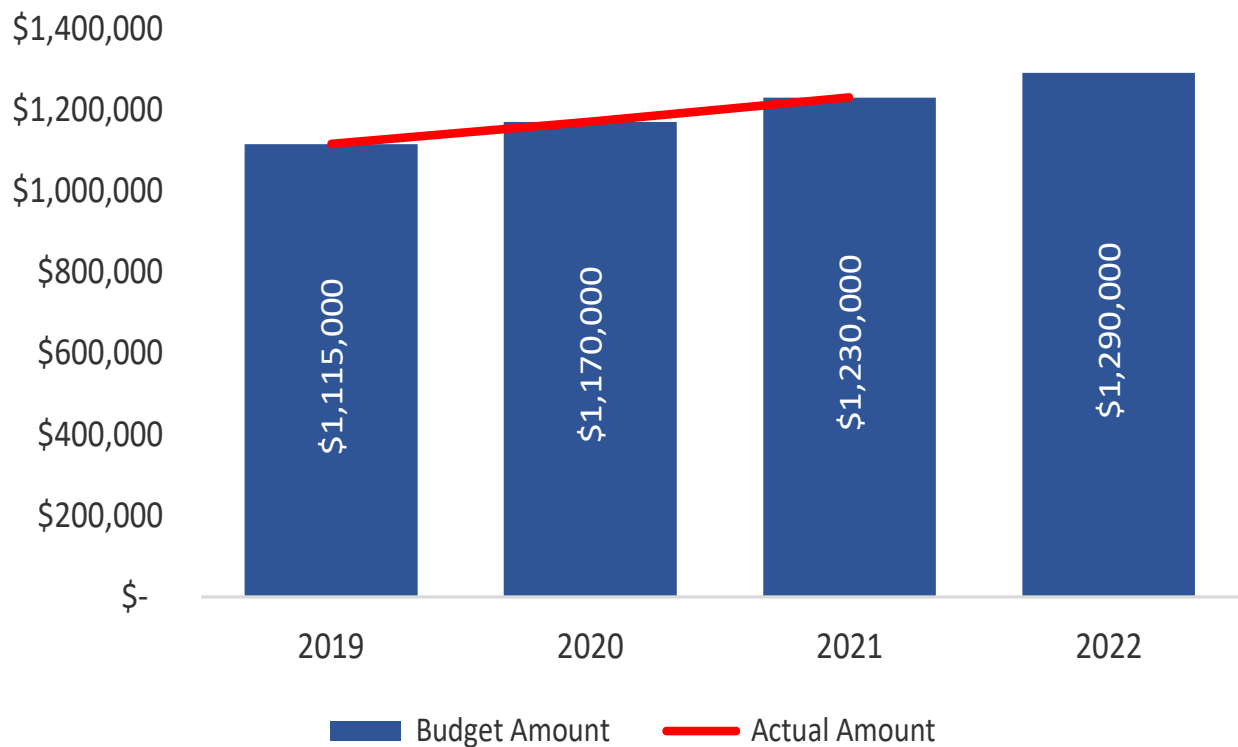
02-540-57201

Debt Service Principal

This budget category is used for expenses related to the principal payment of the 2004A prior to FY 2016 and 2015A Series Revenue Bonds for the water division.

2017-18 Actual	2018-19 Actual	2019-20 Actual	2020-21 Projection	2021-22 Budget
\$ -	\$ 1,115,000	\$ 1,170,000	\$ 1,230,000	\$ 1,290,000

Budget vs. Actual



Water Division – Debt Service

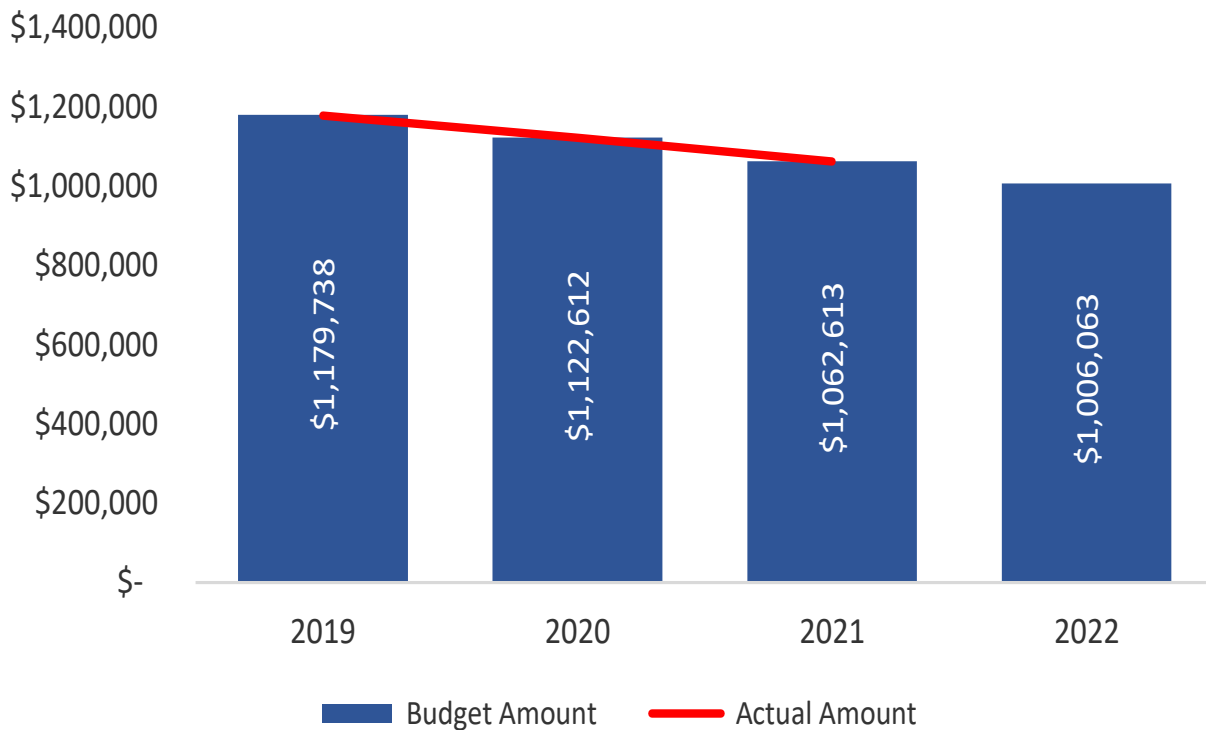
02-540-57402

Debt Service Interest

This budget category is used for expenses related to the interest payment of the 2004A Revenue Bonds prior FY 2016 and 2015A for the drinking water division.

2017-18 Actual	2018-19 Actual	2019-20 Actual	2020-21 Projected	2021-22 Budget
\$ 1,214,713	\$ 1,178,335	\$ 1,121,361	\$ 1,062,438	\$ 1,006,063

Budget vs. Actual





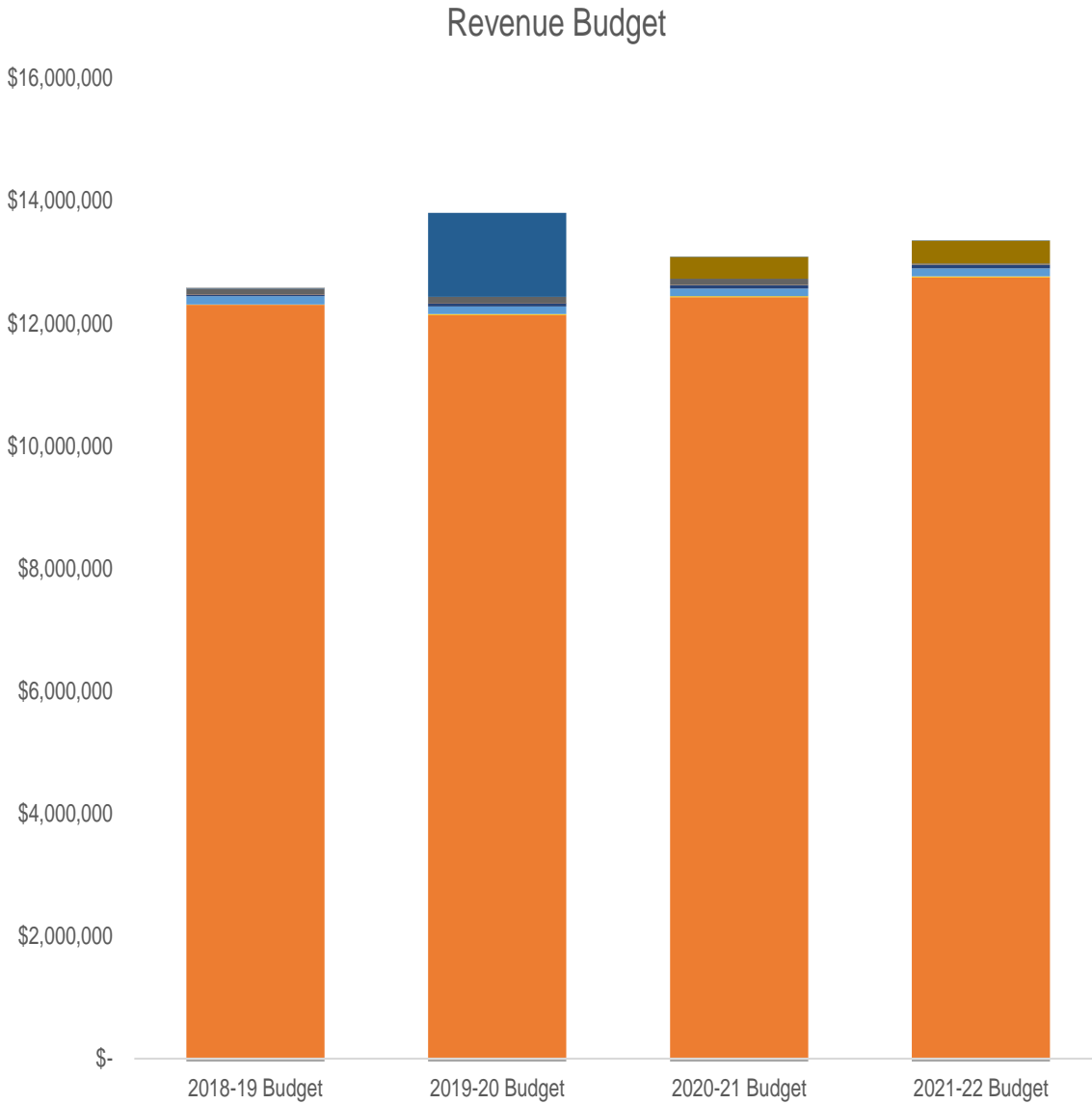
Yucaipa Valley Water District

Chapter Three

Fiscal Year 2022

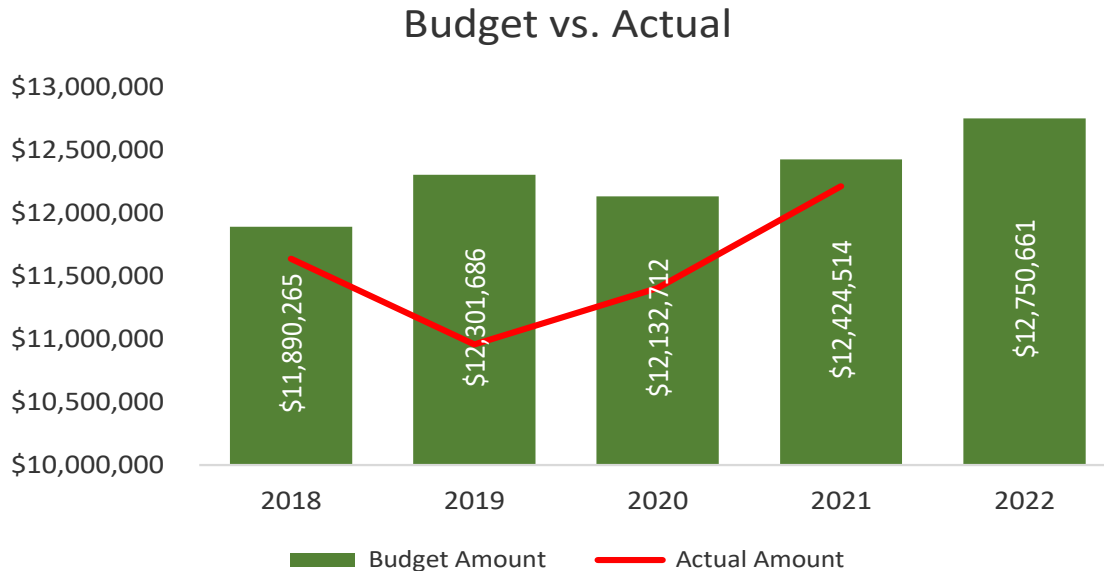
Sewer Division
Operating Budget

Sewer Division Revenue Analysis

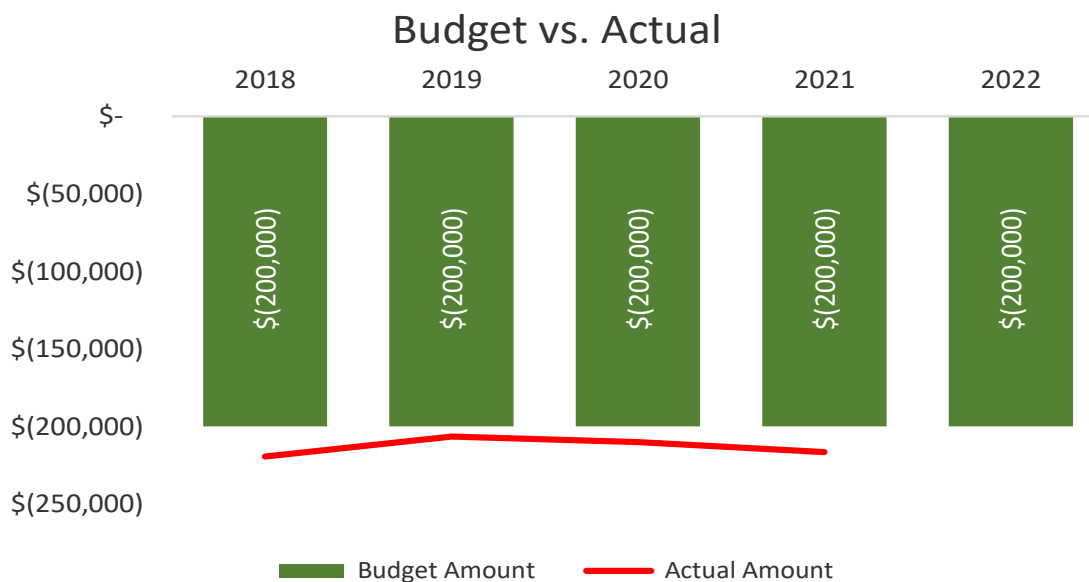


Account	2017-18 Actual	2018-19 Budget	2018-19 Actual	2019-20 Budget	2019-20 Actual	2020-21 Budget	2020-21 Actual	2021-22 Budget	Increase (Decrease) in Budget	Increase (Decrease) %
03-400-40016. Sales-Establish Service Fee	\$ 200	\$ 500	\$ 325	\$ 500	\$ 100	\$ 510	\$ 100	\$ 520	\$ 10	2.0%
03-400-41000. Sales-Sewer Charges	\$ 11,634,721	\$ 12,301,686	\$ 10,955,343	\$ 12,132,712	\$ 11,404,078	\$ 12,424,514	\$ 12,212,505	\$ 12,750,661	\$ 326,147	2.6%
03-400-41005. Sales-Disc (Multi Units)-SC	\$ (219,377)	\$ (200,000)	\$ (206,458)	\$ (200,000)	\$ (210,122)	\$ (200,000)	\$ (216,561)	\$ (200,000)	\$ -	0.0%
03-400-41110. Meter/Lateral Installation	\$ -	\$ 2,500	\$ 20,180	\$ 15,000	\$ 7,500	\$ 15,038	\$ 13,333	\$ 15,075	\$ 37	0.2%
03-400-41121. Penalty - Late Charges	\$ 124,610	\$ 135,000	\$ 118,932	\$ 125,000	\$ 103,442	\$ 126,250	\$ 28	\$ 127,513	\$ 1,263	1.0%
03-400-41124. Bad Debt Write-Off & Recovery	\$ (17,475)	\$ (15,000)	\$ (32,926)	\$ (15,000)	\$ -	\$ (15,075)	\$ -	\$ (15,150)	\$ (75)	0.5%
03-400-41131. Front Footage Fees	\$ -	\$ 30,000	\$ 124,001	\$ 55,000	\$ 25,000	\$ 55,550	\$ 75,167	\$ 56,106	\$ 556	1.0%
03-421-42122. Revenue - Other, Operating	\$ 1,800	\$ 2,000	\$ 2,340	\$ 2,000	\$ 13,196	\$ 2,020	\$ 1,920	\$ 2,040	\$ 20	1.0%
03-430-43010. Interest Earned	\$ 85,394	\$ 95,000	\$ 93,120	\$ 100,000	\$ 59,025	\$ 102,000	\$ 23,669	\$ 25,000	\$ (77,000)	-75.5%
03-431-43110. Property Tax - Unsecured	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
03-431-43120. Property Tax - Secured	\$ 175,000	\$ -	\$ -	\$ -	\$ -	\$ 356,540	\$ 356,540	\$ 371,883	\$ 15,343	4.3%
03-431-43130. Tax Collection - Prior	\$ 10,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
03-431-43140. Taxes - Other	\$ 1,500	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
03-480-48901. Contrib Cap-Capacity Fees	\$ 841,462	\$ -	\$ 2,302,898	\$ -	\$ 2,165,886	\$ -	\$ 1,530,860	\$ -	\$ -	
03-480-48905. Contrib Cap-Infrastructure	\$ -	\$ -	\$ 364,500	\$ -	\$ 402,705	\$ -	\$ 292,500	\$ -	\$ -	
03-491-49150. Revenue - Misc Non-Operating	\$ 1,639	\$ 10,000	\$ 1,091	\$ 1,369,774	\$ 500	\$ 2,550	\$ 60,353	\$ 2,601	\$ 51	2.0%
	\$ 12,689,474	\$ 12,361,686	\$ 13,743,346	\$ 13,584,986	\$ 13,971,310	\$ 12,869,897	\$ 14,350,414	\$ 13,136,249	\$ 266,352	2.1%

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.

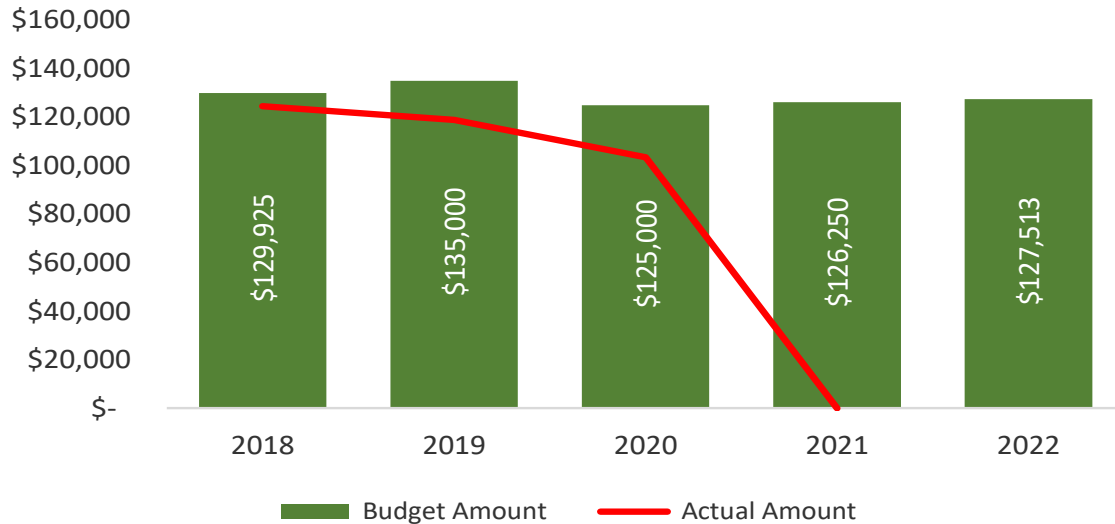


Sewer Service Demand Charge Multi-Unit Discount (03-400-41005): The latest version of the District's rate schedule continues to include a discount for the sewer service demand charges for those high density developments with more than 30 dwelling units constructed prior to March 2005. This discount reflects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



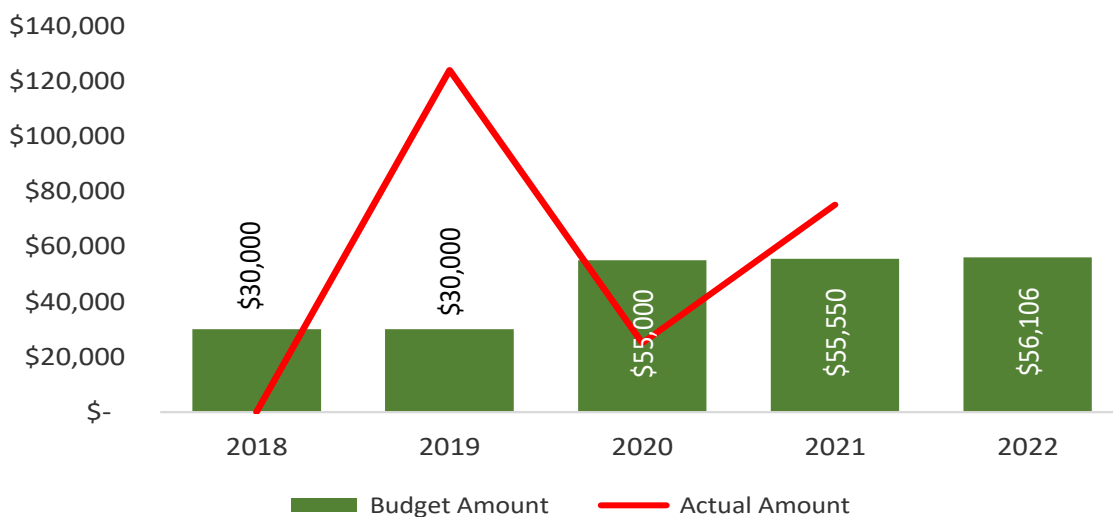
Penalty Late Charges (03-400-41121): This revenue source is generated from late payments of sewer services. The District's late charges are 10% for the first month and 0.5% for any unpaid balance every month thereafter. This late charge is not intended to represent an interest rate or cost of money, but rather a penalty charge for late payment on an account.

Budget vs. Actual

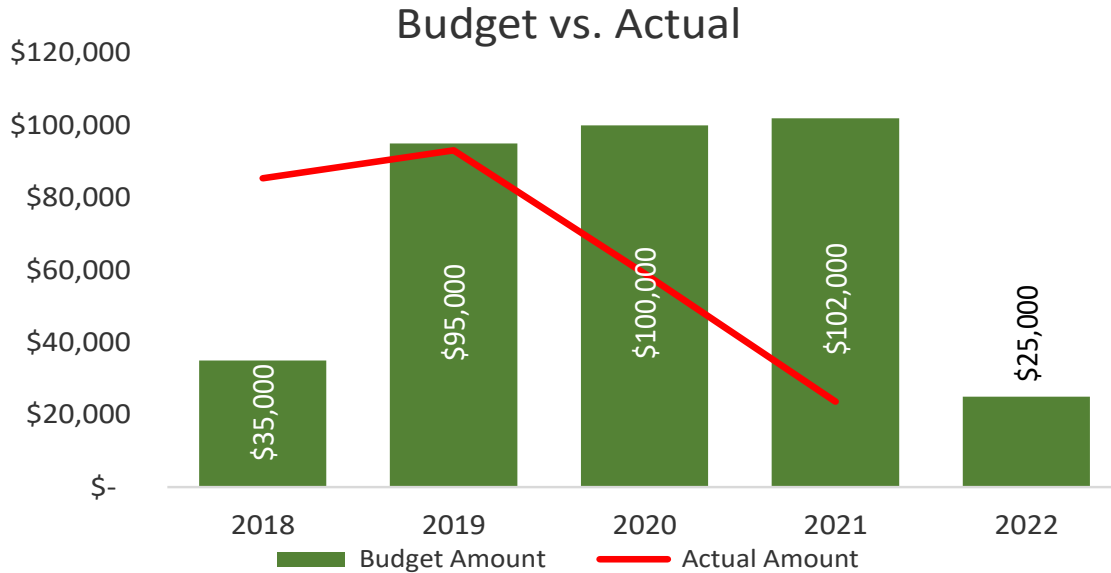


Front Footage Fees (03-400-41131): This revenue source is associated with the cost of a sewer mainline installation based on linear feet in front of the customer's property.

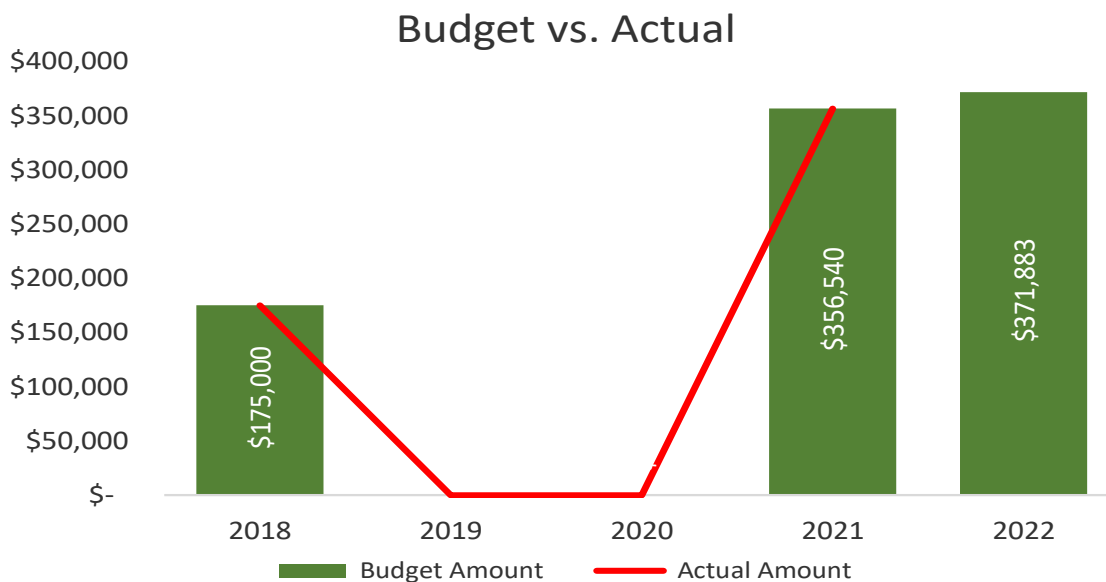
Budget vs. Actual



Interest Earnings (03-430-43010): This revenue source is generated from investment interest earnings. The District's investment policy utilizes Local Agency Investment Fund (LAIF) as the predominant investment vehicle. Significantly lesser amounts are invested in the U.S. Securities and money market funds.



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 as land and structures.

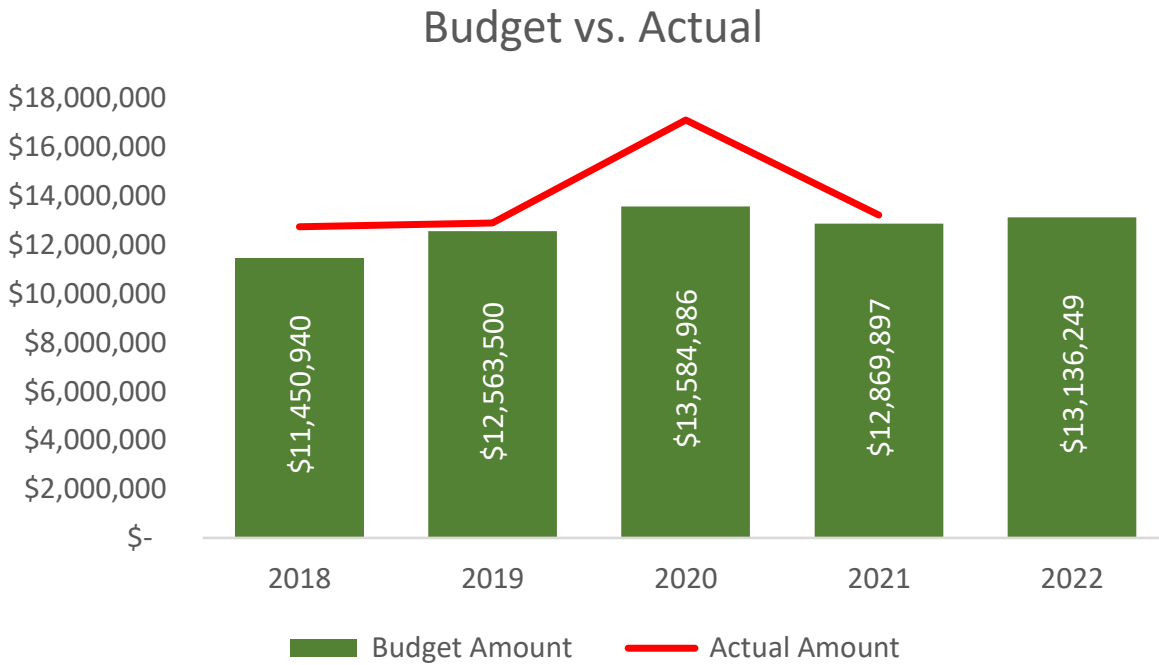


Other sources of operating revenue for the Sewer Division include:

- 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 \$13,136,249 (not including asset acquisitions & capital improvements), which represents an increase of \$266,352 as compared to the prior year modified budget, or a 2.1% increase.



	Budget Amount		Actual Amount	
2018	\$	11,450,940	\$	12,749,244
2019	\$	12,563,500	\$	12,909,793
2020	\$	13,584,986	\$	17,120,981
2021	\$	12,869,897	\$	13,235,308
2022	\$	13,136,249		

Organizational Structure & Staffing Levels – This year the Sewer Division has been allocated labor resources of 25.85 Full-Time Equivalent (FTE) employees¹, which represents an decrease of 0.85 FTE's as compared to the prior year modified budget.

Title	Range	FTE	Expense
General Manager	-	0.45	\$ 153,507
Chief Financial Officer	248	0.45	\$ 107,384
Implementation Manager	236	0.35	\$ 71,842
Public Works Manager	234	0.15	\$ 32,440
Water Resource Manager	233	0.35	\$ 76,006
Operations Manager	231	1.60	\$ 320,485
Regulatory Compliance Manager	229	0.35	\$ 62,923
Senior Integrated Operator	124	1.00	\$ 178,801
Public Works Supervisor	117	1.90	\$ 346,968
Administrative Supervisor	113	0.50	\$ 79,770
Water Resource Specialist	113	0.35	\$ 53,877
Information Systems Specialist	111	0.45	\$ 66,940
Senior Engineering Technician	110	0.35	\$ 52,989
Integrated Operator IV	60	0.50	\$ 93,698
Senior Utility Service Worker	54	0.60	\$ 88,282
Integrated Operator III	53	5.00	\$ 800,561
Utility Service Worker IV	49	1.40	\$ 220,181
Purchasing Agent	45	0.20	\$ 21,329
Water Quality Chemist	45	0.90	\$ 126,496
Utility Service Worker III	44	0.80	\$ 111,610
Integrated Operator II	42	2.50	\$ 334,498
Administrative Assistant I	39	0.50	\$ 69,830
Utility Service Worker II	36	1.00	\$ 120,289
Administrative Clerk IV	35	1.00	\$ 114,325
Utility Service Worker I	32	2.20	\$ 225,635
Administrative Clerk I	23	1.00	\$ 92,630
Total		25.85	\$ 4,023,296

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 11.50 Full-Time Equivalent (FTE) employees².

Title	Range	FTE	Expense
Operations Manager	231	1.60	\$ 320,485
Senior Integrated Operator	124	1.00	\$ 178,801
Integrated Operator IV	60	0.50	\$ 93,698
Integrated Operator III	53	5.00	\$ 800,561
Water Quality Chemist	45	0.90	\$ 126,496
Integrated Operator II	42	2.50	\$ 334,498
Total		11.50	\$ 1,854,539

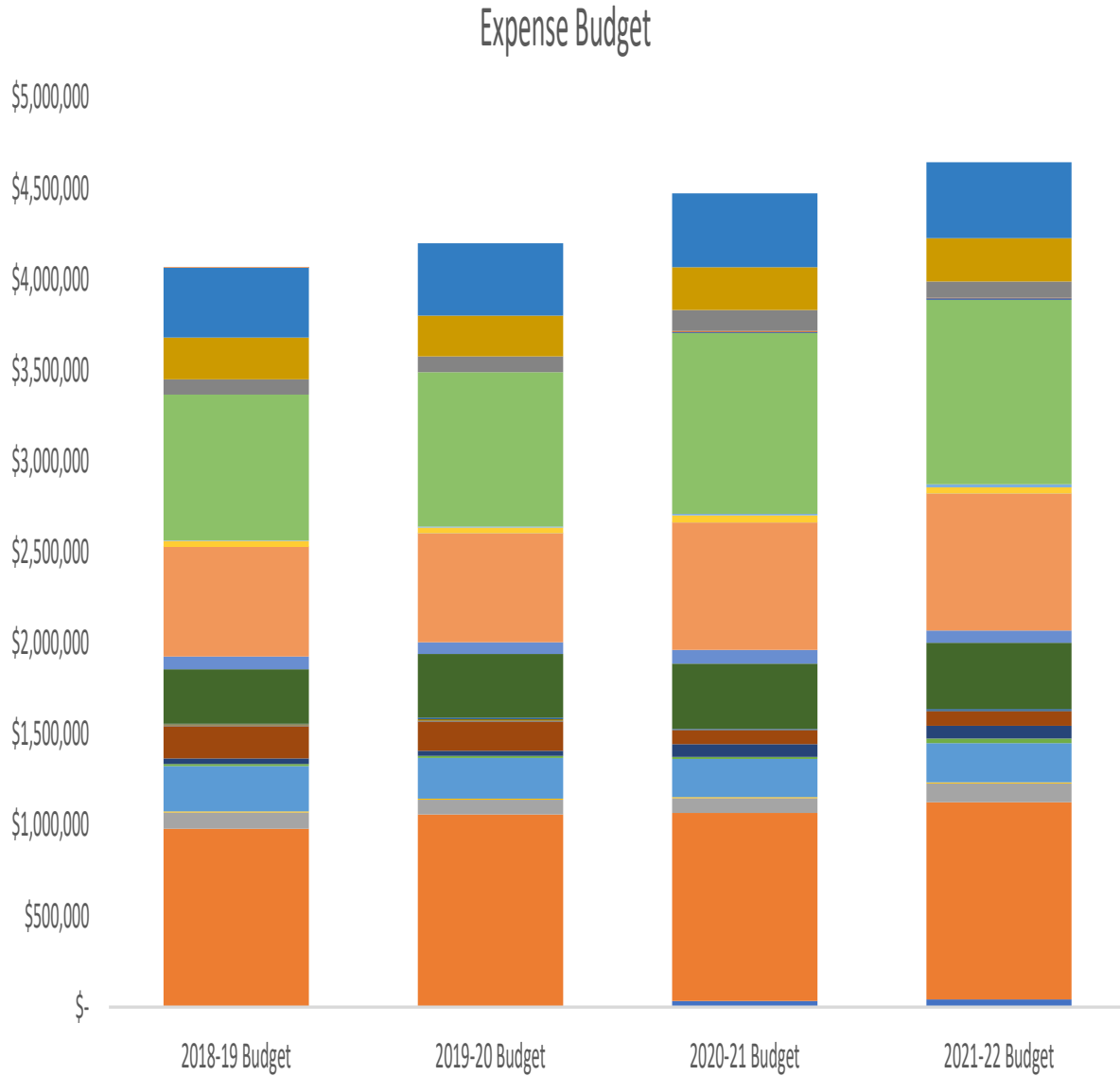
This year, the Sewer Operations Department will be allocated \$4,643,308 (not including asset acquisitions & capital improvements), which represents an increase of \$169,596 as compared to the prior year modified budget, or a 3.8% increase.

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.
- The Secondary Treatment Improvement Project (STIP) will be a focus for fiscal year 2021-22 which will include:
 - Removal of the IFAS media for the aeration tanks
 - Replacement of the aeration tank coarse bubble diffusers with fine bubble diffusers
 - Replacement of the aeration air control valves and actuators
 - Replacement of the existing multistage centrifugal blowers with turbo blowers

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.



Account	2017-18 Budget	2017-18 Actual	2018-19 Budget	2018-19 Actual	2019-20 Budget	2019-20 Actual	2020-21 Budget	2020-21 Projected	2021-22 Budget	Increase (Decrease) in Budget	Increase (Decrease) %
03-502-50009. Labor - Overtime	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 24,909	\$ 33,252	\$ 41,507	\$ 40,931	\$ 7,679	23.1%
03-502-50010. Labor	\$ 809,289	\$ 870,826	\$ 979,711	\$ 1,035,661	\$ 1,059,129	\$ 1,270,705	\$ 1,033,509	\$ 1,142,921	\$ 1,085,874	\$ 52,365	5.1%
03-502-50013. Benefits-FICA	\$ 62,000	\$ 69,070	\$ 89,559	\$ 81,599	\$ 81,023	\$ 106,674	\$ 81,604	\$ 95,008	\$ 102,965	\$ 21,361	26.2%
03-502-50014. Benefits-Life Insurance	\$ 3,680	\$ 1,512	\$ 6,336	\$ 1,614	\$ 5,592	\$ 2,325	\$ 5,136	\$ 1,758	\$ 3,927	\$ (1,209)	-23.5%
03-502-50016. Benefits-Health & Def Comp	\$ 155,600	\$ 184,300	\$ 248,688	\$ 216,089	\$ 224,598	\$ 322,963	\$ 210,851	\$ 257,958	\$ 217,552	\$ 6,701	3.2%
03-502-50017. Benefits-Disability Insurance	\$ 7,300	\$ 11,376	\$ 10,536	\$ 13,600	\$ 9,535	\$ 18,740	\$ 9,600	\$ 16,042	\$ 23,959	\$ 14,359	149.6%
03-502-50019. Benefits-Workers Compensatn	\$ 21,900	\$ 27,026	\$ 31,609	\$ 25,655	\$ 28,596	\$ 24,065	\$ 71,774	\$ 34,643	\$ 70,571	\$ (1,203)	-1.7%
03-502-50021. Benefits-PERS Employee	\$ 53,000	\$ 30,466	\$ -	\$ (8,621)	\$ -	\$ -	\$ -	\$ (867)	\$ -	\$ -	
03-502-50022. Benefits-PERS Employer	\$ 92,375	\$ 55,976	\$ 175,607	\$ 66,913	\$ 158,869	\$ 82,577	\$ 75,557	\$ 78,978	\$ 77,743	\$ 2,186	2.9%
03-502-50023. Benefits-Uniforms	\$ 2,800	\$ 4,685	\$ 6,600	\$ 3,691	\$ 5,825	\$ 6,468	\$ 5,350	\$ 5,487	\$ 5,874	\$ 524	9.8%
03-502-50024. Benefits-Vacation & Sick Pay	\$ 5,000	\$ 13,178	\$ 5,001	\$ 8,200	\$ 9,000	\$ 9,000	\$ -	\$ -	\$ -	\$ -	
03-502-50025. Benefits-Boots & Incentives	\$ -	\$ 1,944	\$ 3,960	\$ 5,600	\$ 7,995	\$ 7,090	\$ 3,450	\$ 3,450	\$ 7,590	\$ 4,140	120.0%
03-502-51003. R&M - Structures	\$ 275,000	\$ 692,967	\$ 300,000	\$ 359,859	\$ 350,000	\$ 252,774	\$ 357,000	\$ 453,231	\$ 364,140	\$ 7,140	2.0%
03-502-51010. R&M - Automation Control	\$ 80,000	\$ 76,444	\$ 70,000	\$ 64,059	\$ 65,000	\$ 62,425	\$ 75,000	\$ 55,366	\$ 67,626	\$ (7,374)	-9.8%
03-502-51106. Chemicals	\$ 500,000	\$ 624,973	\$ 600,000	\$ 731,609	\$ 600,000	\$ 745,406	\$ 700,000	\$ 755,212	\$ 755,000	\$ 55,000	7.9%
03-502-51111. Propane	\$ 10,000	\$ 321	\$ 1,000	\$ -	\$ 500	\$ 65	\$ 510	\$ -	\$ 520	\$ 10	2.0%
03-502-51115. Laboratory Supplies	\$ 30,000	\$ 46,635	\$ 35,000	\$ 43,102	\$ 30,000	\$ 35,535	\$ 41,000	\$ 18,983	\$ 31,212	\$ (9,788)	-23.9%
03-502-51140. General Supplies & Expenses	\$ 20,000	\$ 3,030	\$ 2,000	\$ 6,764	\$ 5,000	\$ 10,451	\$ 6,400	\$ 17,688	\$ 18,000	\$ 11,600	181.3%
03-502-51210. Utilities - Power Purchases	\$ 800,000	\$ 882,912	\$ 800,000	\$ 867,692	\$ 850,000	\$ 994,193	\$ 994,553	\$ 1,082,610	\$ 1,013,372	\$ 18,819	1.9%
03-502-54012. Education & Training	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,909	\$ 7,566	\$ 233	\$ 7,566	\$ -	0.0%
03-502-54025. Telephone & Internet	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,184	\$ 5,000	\$ 4,416	\$ 5,000	\$ -	0.0%
03-502-54110. Laboratory Services	\$ 100,000	\$ 91,891	\$ 85,000	\$ 85,906	\$ 85,000	\$ 117,179	\$ 114,000	\$ 93,328	\$ 88,434	\$ (25,566)	-22.4%
03-502-57031. Sewage Waste Disposal-Solids	\$ 250,000	\$ 266,900	\$ 230,000	\$ 229,901	\$ 226,000	\$ 277,773	\$ 234,600	\$ 264,517	\$ 239,292	\$ 4,692	2.0%
03-502-57034. Brineline Operating Expenses	\$ 300,000	\$ 377,995	\$ 385,000	\$ 316,248	\$ 396,500	\$ 426,731	\$ 408,000	\$ 32,850	\$ 416,160	\$ 8,160	2.0%
	\$ 3,577,944	\$ 4,334,429	\$ 4,065,607	\$ 4,155,143	\$ 4,198,162	\$ 4,806,140	\$ 4,473,712	\$ 4,455,319	\$ 4,643,308	\$ 169,596	3.8%

Sewer Division – Sewer Operations Department

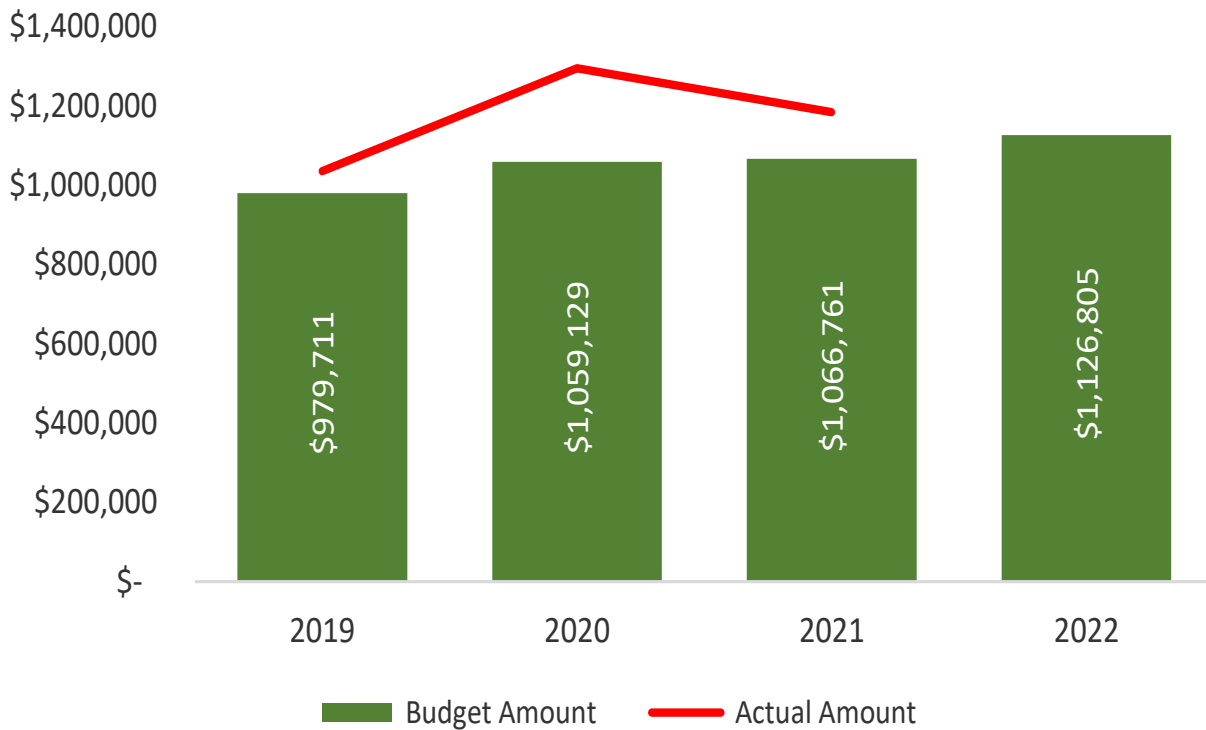
03-502-500xx

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	2017-18 Actual	2018-19 Actual	2019-20 Actual	2020-21 Projected	2021-22 Budget
03-502-50009. Labor - Overtime	\$ -	\$ -	\$ 24,909	\$ 41,507	\$ 40,931
03-502-50010. Labor	\$ 870,826	\$ 1,035,661	\$ 1,270,705	\$ 1,142,921	\$ 1,085,874
	<u>\$ 870,826</u>	<u>\$ 1,035,661</u>	<u>\$ 1,295,613</u>	<u>\$ 1,184,428</u>	<u>\$ 1,126,805</u>

Budget vs. Actual



Sewer Division – Sewer Operations Department

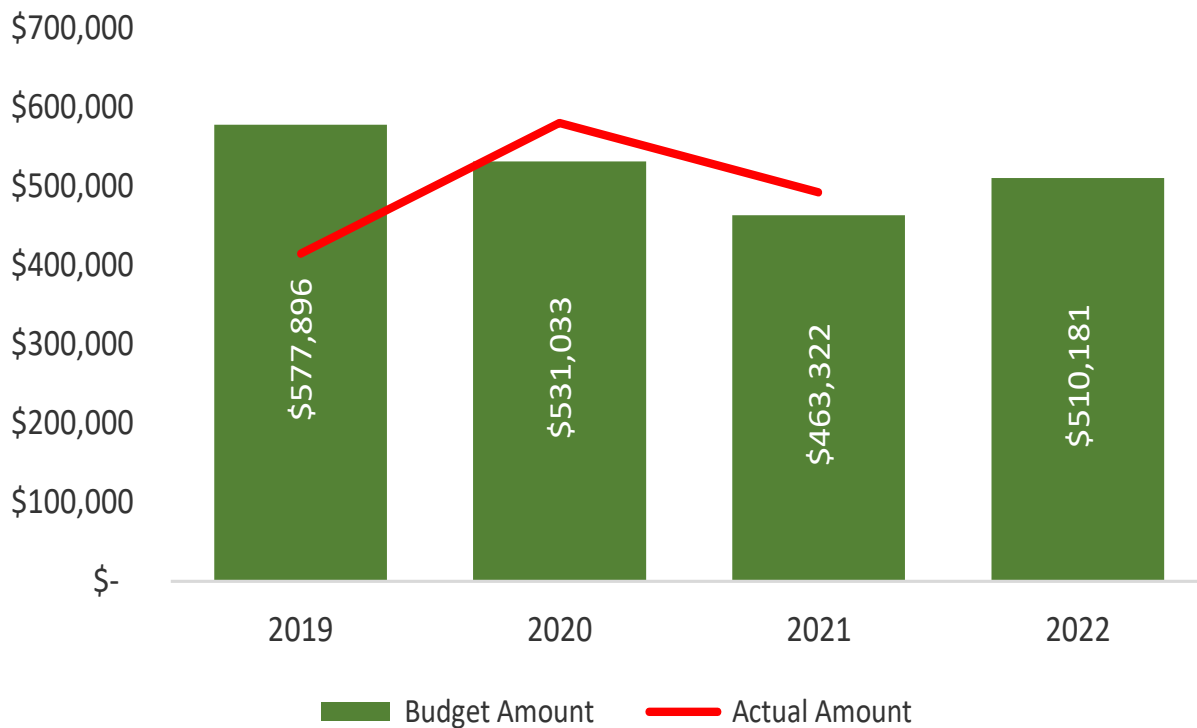
03-502-500xx

Benefits

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

Account	2017-18 Actual	2018-19 Actual	2019-20 Actual	2020-21 Projected	2021-22 Budget
03-502-50013. Benefits-FICA	\$ 69,070	\$ 81,599	\$ 106,674	\$ 95,008	\$ 102,965
03-502-50014. Benefits-Life Insurance	\$ 1,512	\$ 1,614	\$ 2,325	\$ 1,758	\$ 3,927
03-502-50016. Benefits-Health & Def Comp	\$ 184,300	\$ 216,089	\$ 322,963	\$ 257,958	\$ 217,552
03-502-50017. Benefits-Disability Insurance	\$ 11,376	\$ 13,600	\$ 18,740	\$ 16,042	\$ 23,959
03-502-50019. Benefits-Workers Compensatn	\$ 27,026	\$ 25,655	\$ 24,065	\$ 34,643	\$ 70,571
03-502-50021. Benefits-PERS Employee	\$ 30,466	\$ (8,621)	\$ -	\$ (867)	\$ -
03-502-50022. Benefits-PERS Employer	\$ 55,976	\$ 66,913	\$ 82,577	\$ 78,978	\$ 77,743
03-502-50023. Benefits-Uniforms	\$ 4,685	\$ 3,691	\$ 6,468	\$ 5,487	\$ 5,874
03-502-50024. Benefits-Vacation & Sick Pay	\$ 13,178	\$ 8,200	\$ 9,000	\$ -	\$ -
03-502-50025. Benefits-Boots & Incentives	\$ 1,944	\$ 5,600	\$ 7,090	\$ 3,450	\$ 7,590
	\$ 399,534	\$ 414,341	\$ 579,902	\$ 492,457	\$ 510,181

Budget vs. Actual



Sewer Division – Sewer Operations Department

03-502-51003

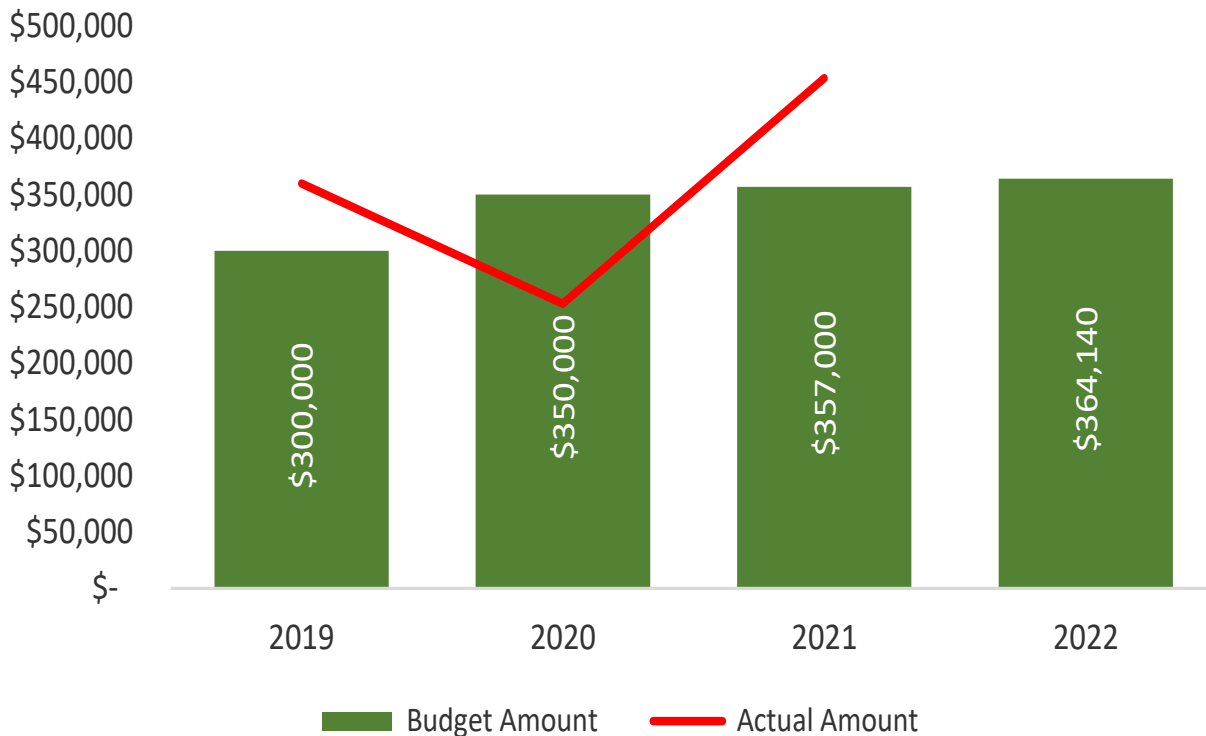
Repair & Maintenance - Structures

This budget category is used for the maintenance and repair of all sewer treatment plant related facilities. In fiscal year 2018-19, the department replaced many of the MF modules.

2017-18 Actual	2018-19 Actual	2019-20 Actual	2020-21 Projected
\$ 692,967	\$ 359,859	\$ 252,774	\$ 453,231

2021-22 Budget
\$ 364,140

Budget vs. Actual



Sewer Division – Sewer Operations Department

02-501-51010

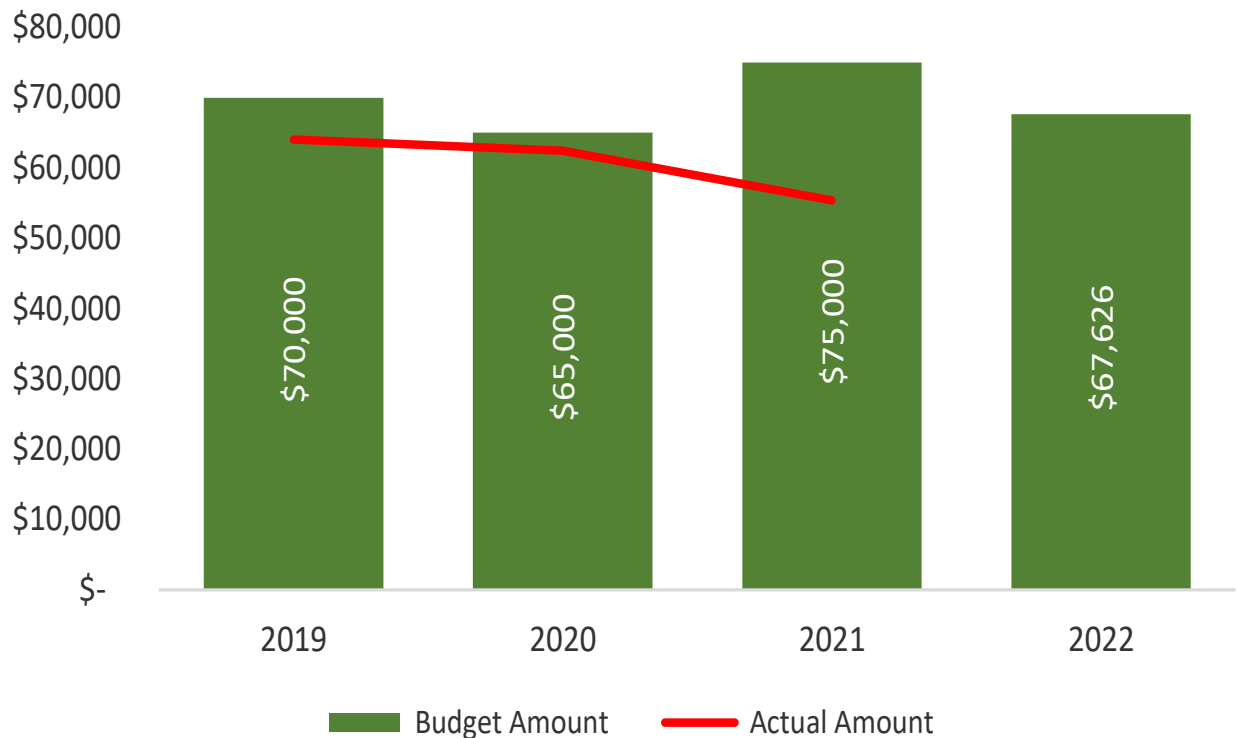
Repair & Maintenance - Automation Control

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.

2017-18 Actual	2018-19 Actual	2019-20 Actual	2020-21 Projected
\$ 76,444	\$ 64,059	\$ 62,425	\$ 55,366

2021-22 Budget
\$ 67,626

Budget vs. Actual



Sewer Division – Sewer Operations Department

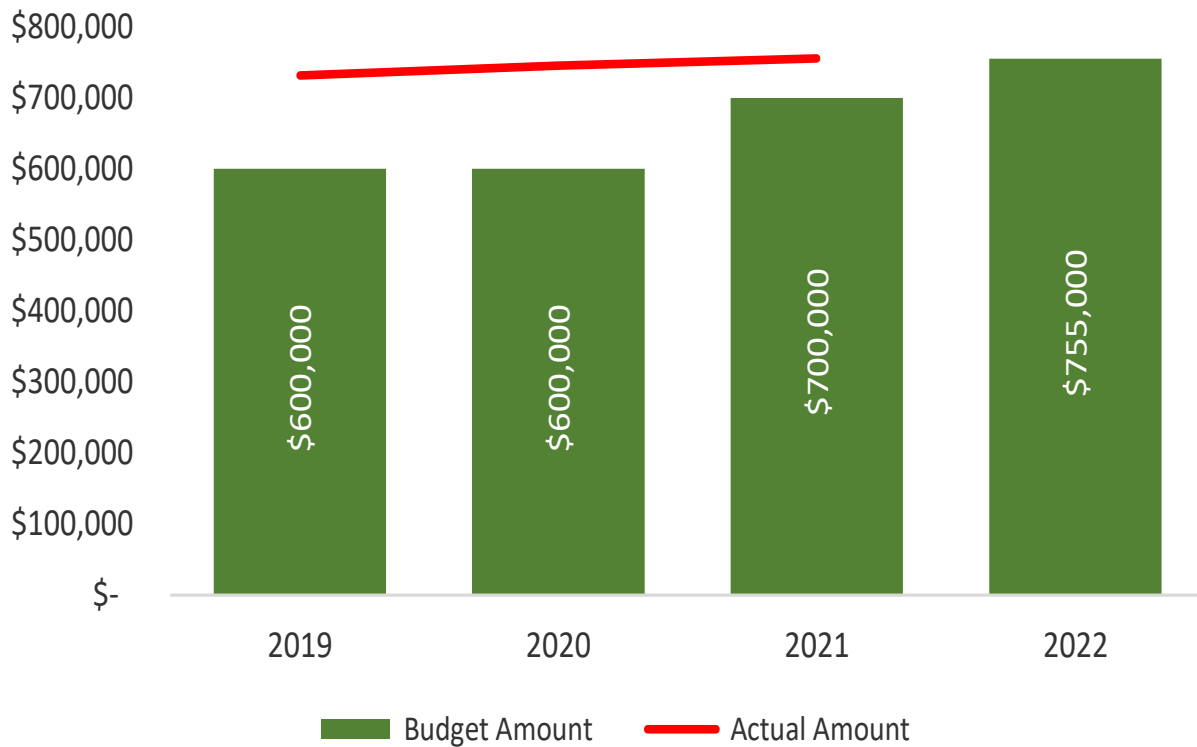
03-502-51106

Chemicals

This budget category is used to provide chemicals necessary in the treatment of sewer.

2017-18 Actual	2018-19 Actual	2019-20 Actual	2020-21 Projected	2021-22 Budget
\$ 624,973	\$ 731,609	\$ 745,406	\$ 755,212	\$ 755,000

Budget vs. Actual



Sewer Division – Sewer Operations Department

03-502-51111

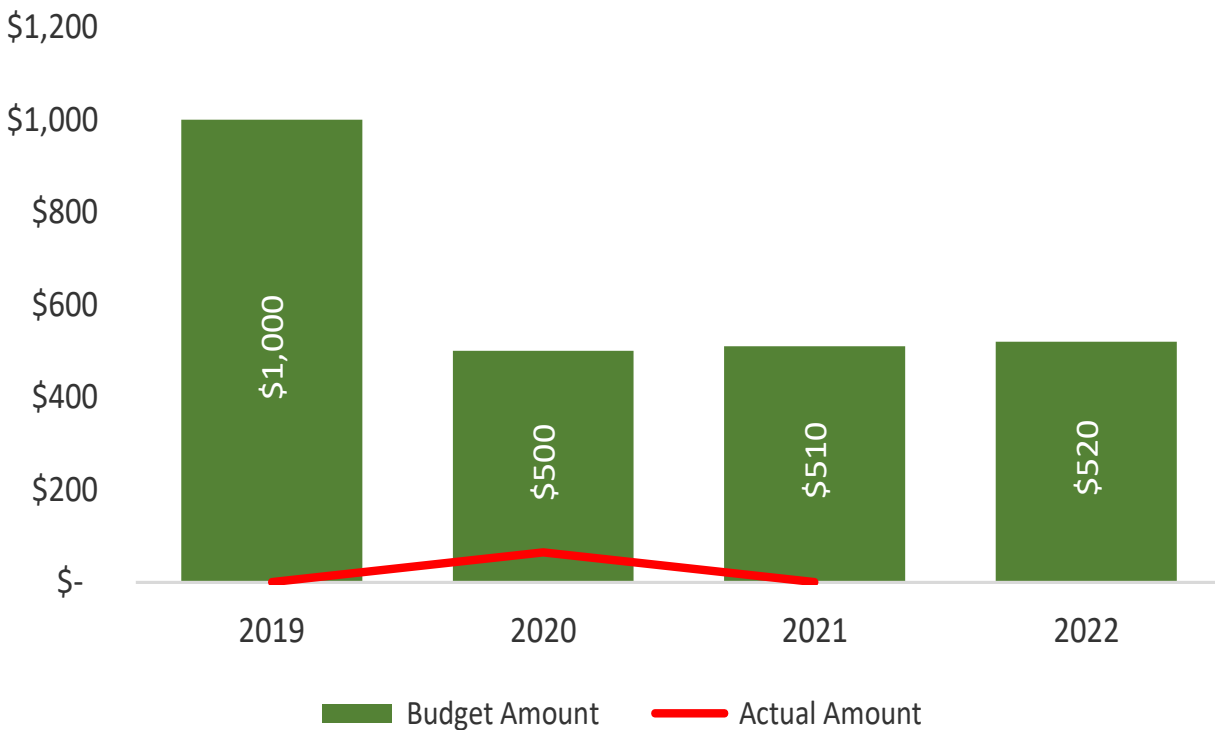
Propane

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.

2017-18 Actual	2018-19 Actual	2019-20 Actual	2020-21 Projected
\$ 321	\$ -	\$ 65	\$ -

2021-22 Budget
\$ 520

Budget vs. Actual



Sewer Division – Sewer Operations Department

03-502-51115

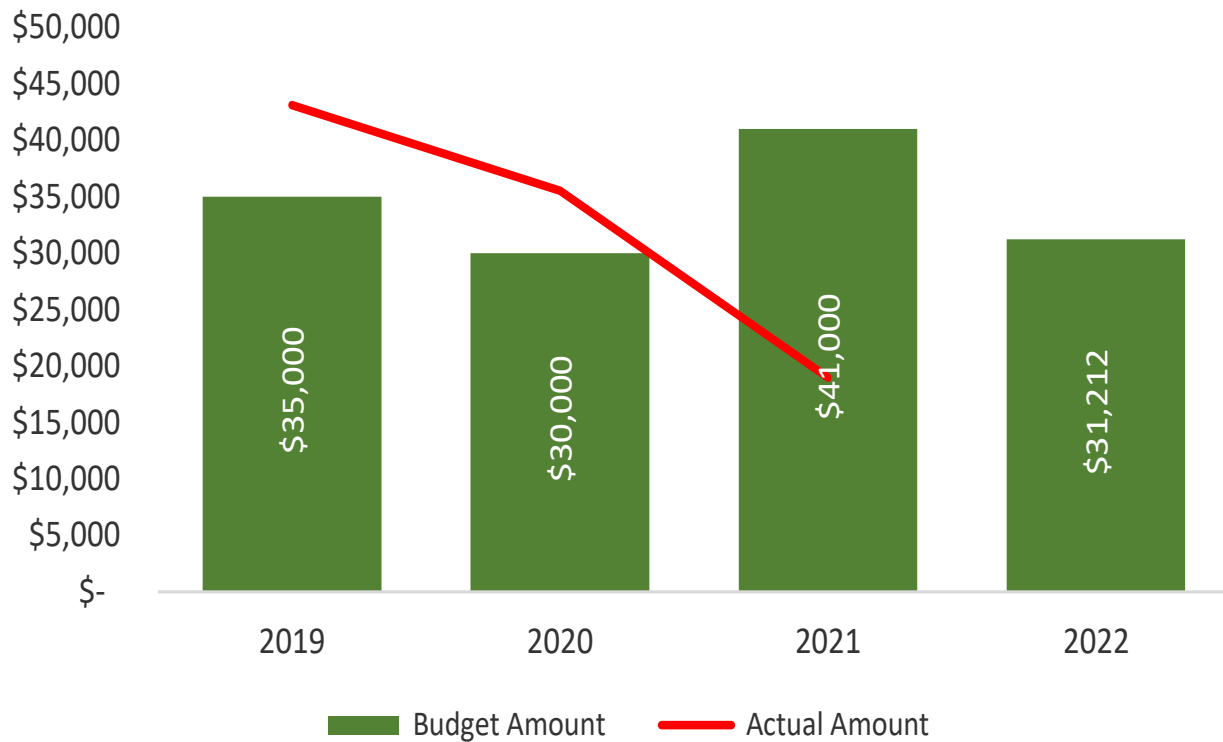
Laboratory Supplies

This budget category includes the costs associated with purchasing supplies and equipment for the laboratory at the sewer treatment facility.

2017-18 Actual	2018-19 Actual	2019-20 Actual	2020-21 Projected
\$ 46,635	\$ 43,102	\$ 35,535	\$ 18,983

2021-22 Budget
\$ 31,212

Budget vs. Actual



Sewer Division – Sewer Operations Department

03-502-51140

General Supplies & Expenses

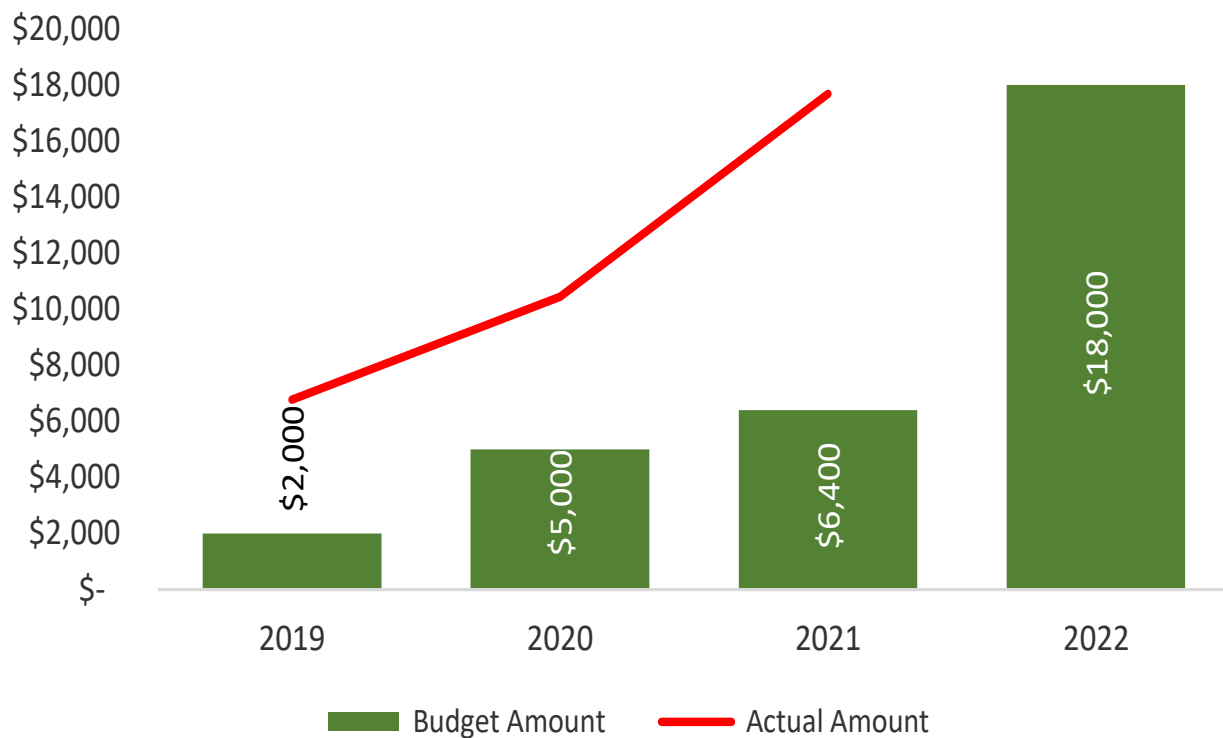
This budget category includes the miscellaneous supplies and expenses related to the operation of the Sewer Operations Department.

In fiscal year 2018-19, expenses were higher than anticipated as a result of re-keying the sewer plant.

2017-18 Actual	2018-19 Actual	2019-20 Actual	2020-21 Projected
\$ 3,030	\$ 6,764	\$ 10,451	\$ 17,688

2021-22 Budget
\$ 18,000

Budget vs. Actual



Sewer Division – Sewer Operations Department

03-502-51210

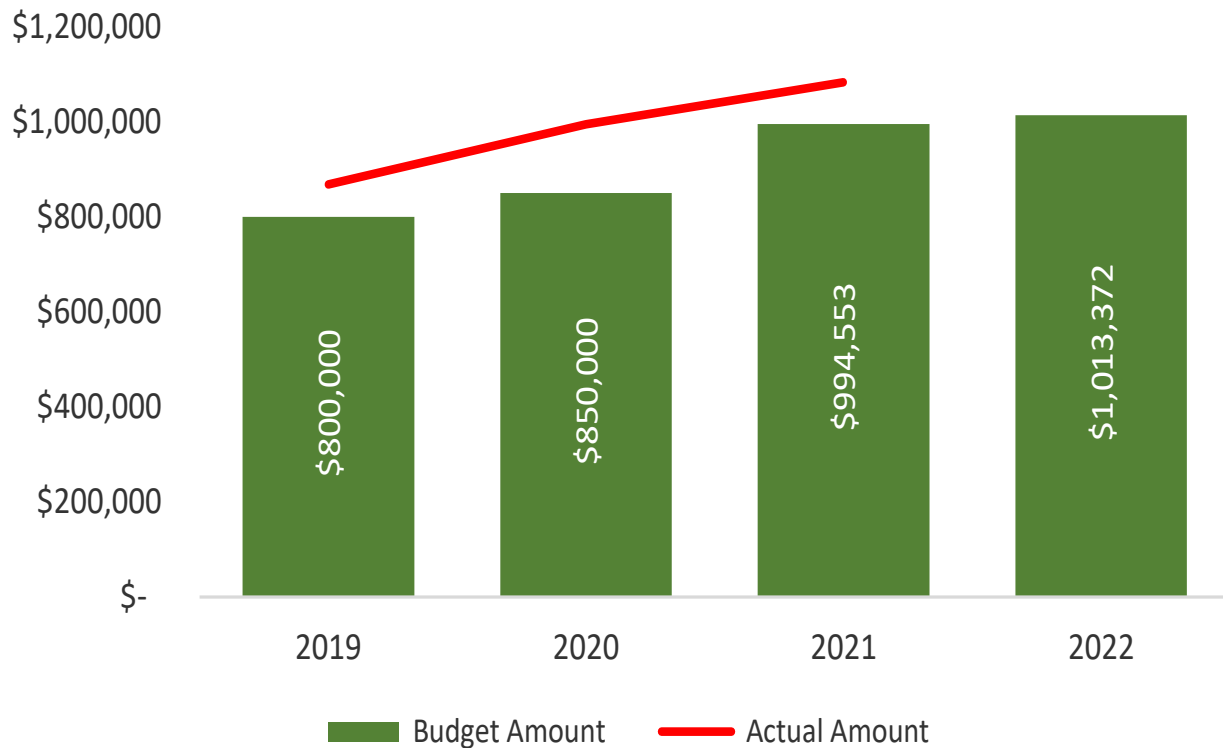
Utilities - Power Purchases

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

2017-18 Actual	2018-19 Actual	2019-20 Actual	2020-21 Projected
\$ 882,912	\$ 867,692	\$ 994,193	\$ 1,082,610

2021-22 Budget
\$ 1,013,372

Budget vs. Actual



Sewer Division – Sewer Operations Department

03-502-54012

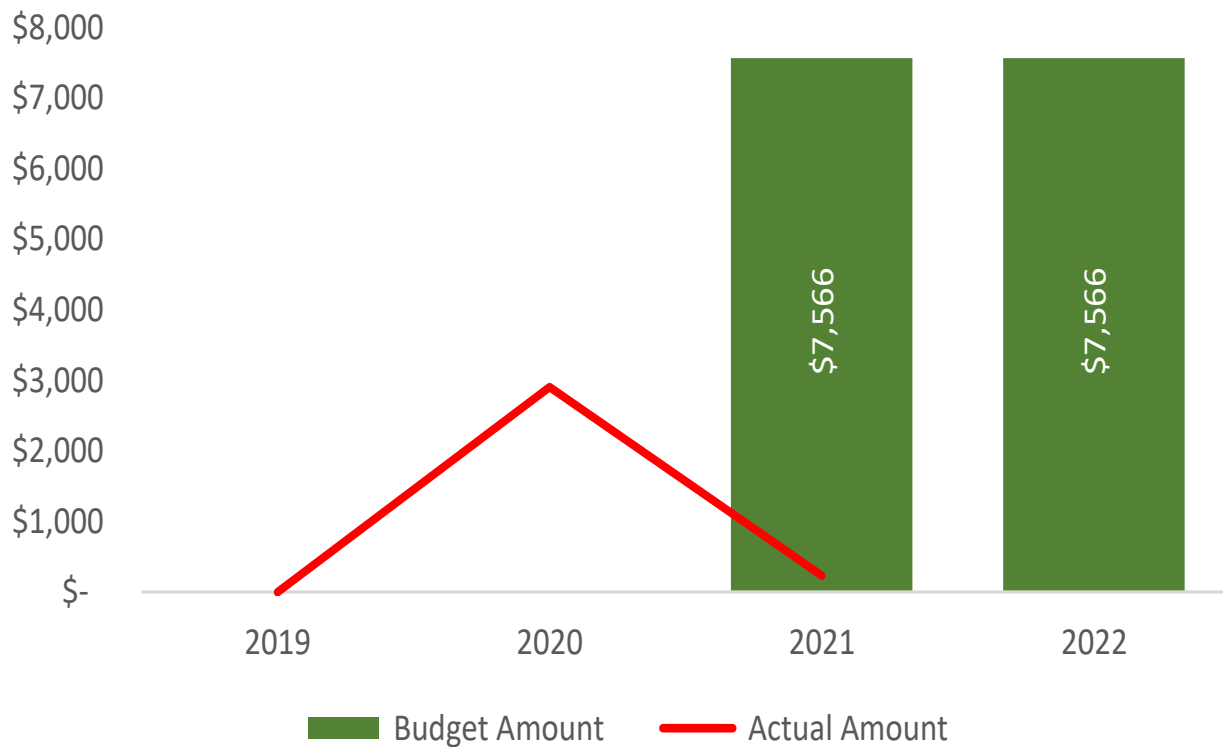
Education & Training

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).

2017-18 Actual	2018-19 Actual	2019-20 Actual	2020-21 Projected
\$ -	\$ -	\$ 2,909	\$ 233

2021-22 Budget
\$ 7,566

Budget vs. Actual



Sewer Division – Sewer Operations Department

03-502-54025

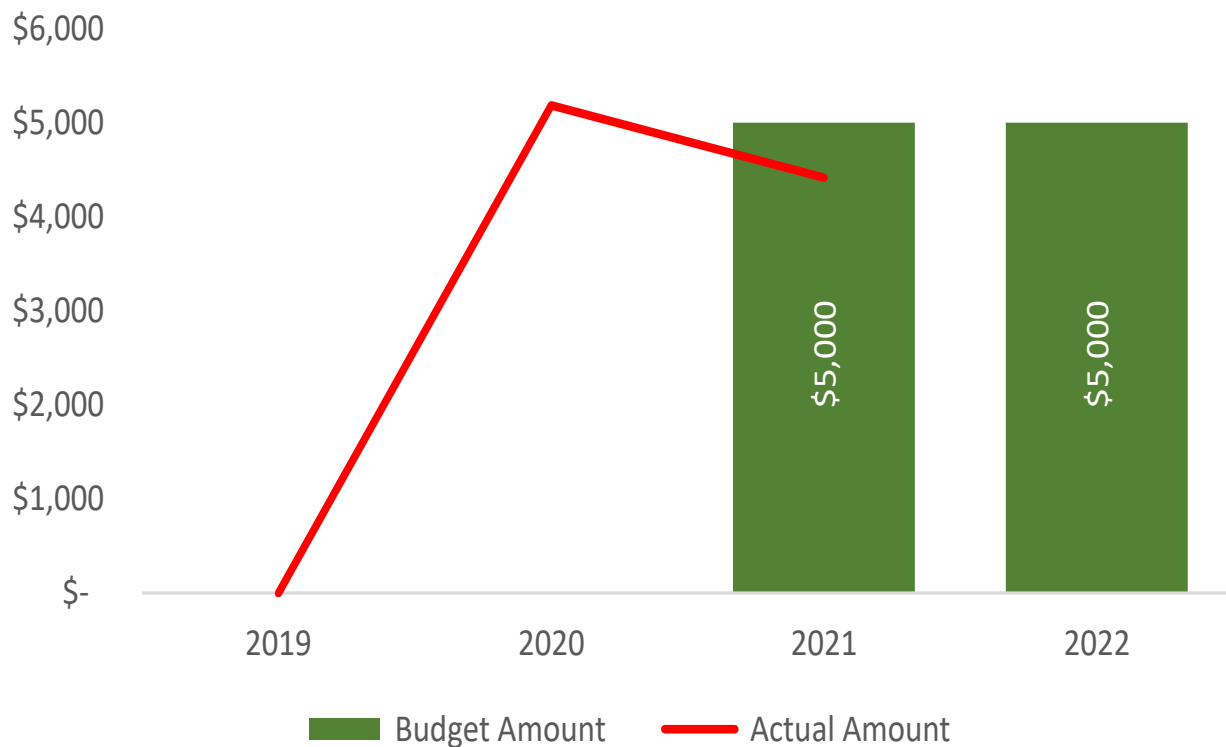
Telephone & Internet

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

2017-18 Actual	2018-19 Actual	2019-20 Actual	2020-21 Projected
\$ -	\$ -	\$ 5,184	\$ 4,416

2021-22 Budget
\$ 5,000

Budget vs. Actual



Sewer Division – Sewer Operations Department

03-502-54110

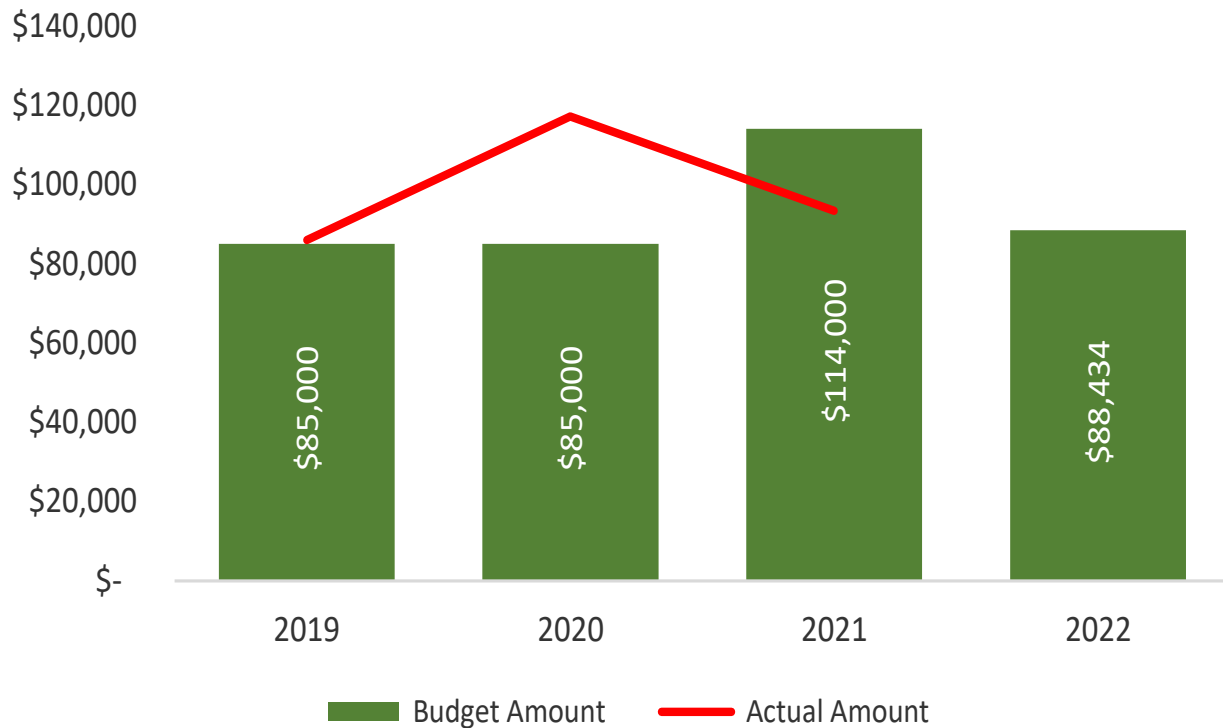
Laboratory Services

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.

2017-18 Actual	2018-19 Actual	2019-20 Actual	2020-21 Projected
\$ 91,891	\$ 85,906	\$ 117,179	\$ 93,328

2021-22 Budget
\$ 88,434

Budget vs. Actual



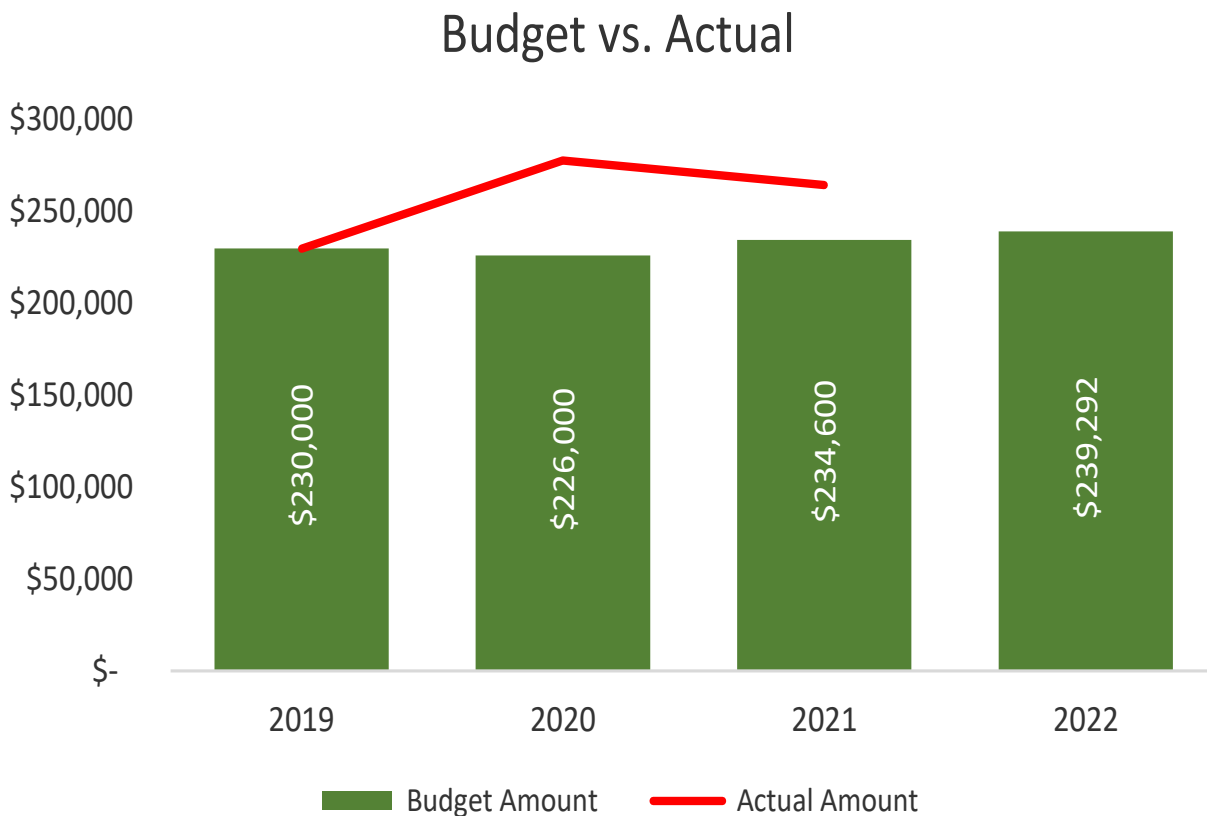
Sewer Division – Sewer Operations Department

02-501-57031

Sewage Waste Disposal - Solids

This budget category includes the required annual operating costs associated with the removal, compost and disposal of processed biosolids.

2017-18 Actual	2018-19 Actual	2019-20 Actual	2020-21 Projected	2021-22 Budget
\$ 266,900	\$ 229,901	\$ 277,773	\$ 264,517	\$ 239,292



Sewer Division – Sewer Operations Department

03-502-57034

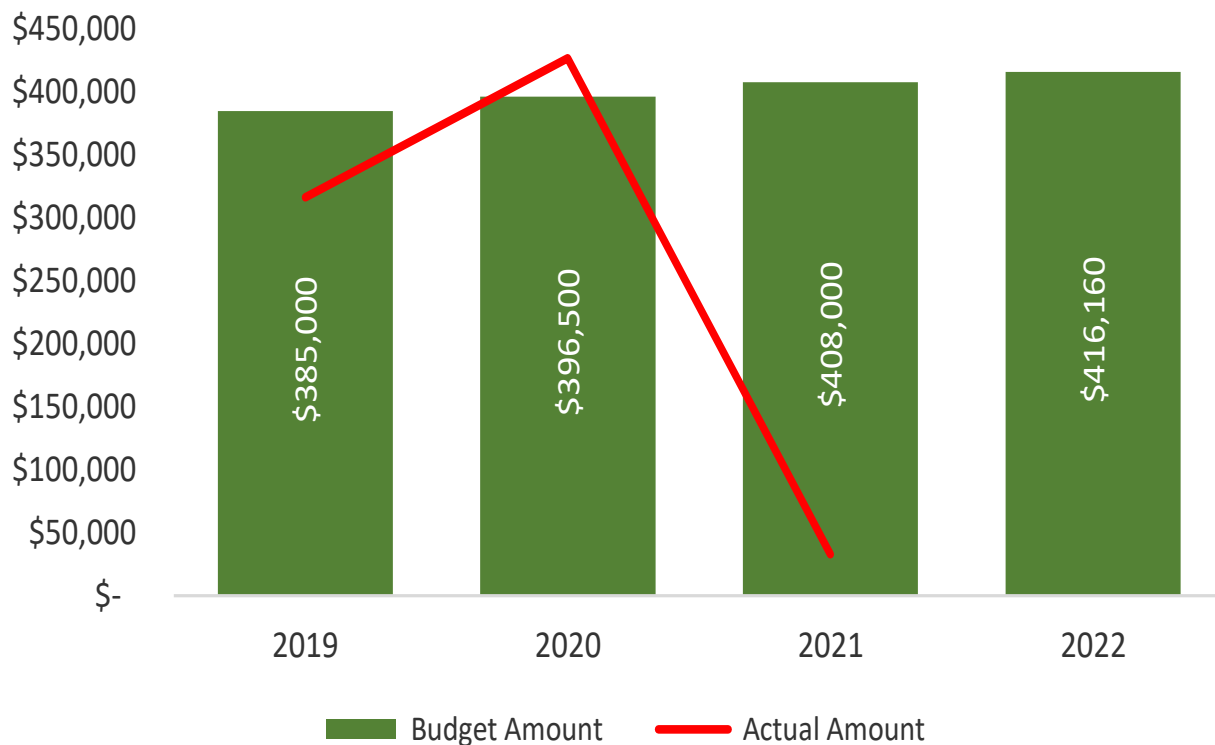
Brineline Operating Expenses

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.

2017-18 Actual	2018-19 Actual	2019-20 Actual	2020-21 Projected
\$ 377,995	\$ 316,248	\$ 426,731	\$ 32,850

2021-22 Budget
\$ 416,160

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 6.10 Full-Time Equivalent (FTE) employees¹.

Title	Range	FTE	Expense
General Manager	-	0.45	\$ 153,507
Chief Financial Officer	248	0.45	\$ 107,384
Implementation Manager	236	0.35	\$ 71,842
Water Resource Manager	233	0.35	\$ 76,006
Regulatory Compliance Manager	229	0.35	\$ 62,923
Administrative Supervisor	113	0.50	\$ 79,770
Water Resource Specialist	113	0.35	\$ 53,877
Information Systems Specialist	111	0.45	\$ 66,940
Senior Engineering Technician	110	0.35	\$ 52,989
Administrative Assistant I	39	0.50	\$ 69,830
Administrative Clerk IV	35	1.00	\$ 114,325
Administrative Clerk I	23	1.00	\$ 92,630
Total		6.10	\$ 1,002,023

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 \$2,579,815 (not including asset acquisitions & capital improvements), which represents a decrease of \$154,097 as compared to the prior year modified budget, or a 5.6% decrease.

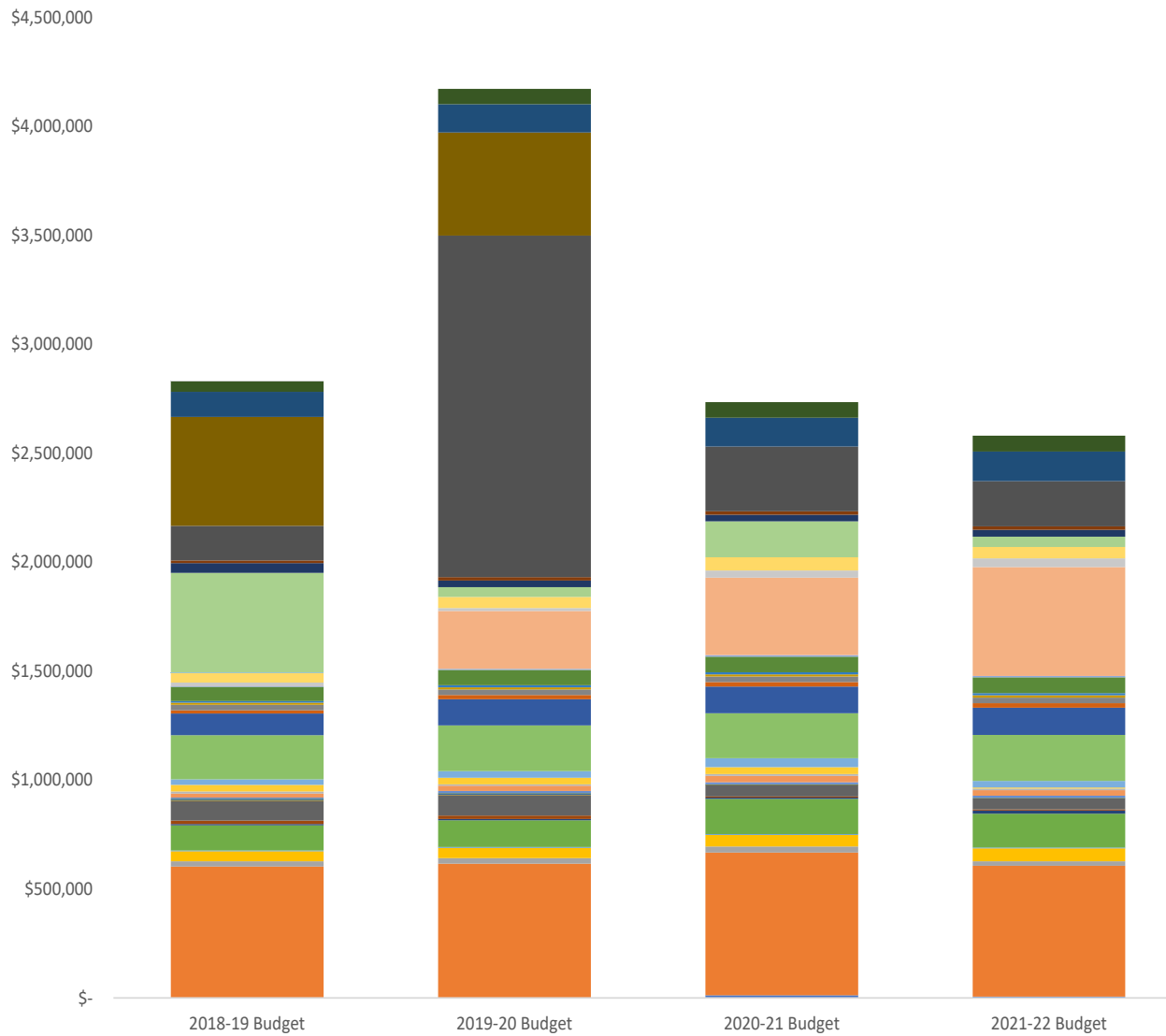
Anticipated Issues for this Fiscal Year – The following issues have been identified for this fiscal year. The specific resolution to the issues presented below may need to be further analyzed by District staff and presented to the Board of Directors for the adoption of a specific policy, procurement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



Account	2017-18 Budget	2017-18 Actual	2018-19 Budget	2018-19 Actual	2019-20 Budget	2019-20 Actual	2020-21 Budget	2020-21 Projected	2021-22 Budget	Increase (Decrease) in Budget	Increase (Decrease) %
03-506-50009. Labor - Overtime	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 8,235	\$ 12,436	\$ 3,340	\$ 5,736	\$ (6,700)	-53.9%
03-506-50010. Labor	\$ 707,579	\$ 539,332	\$ 602,359	\$ 533,707	\$ 616,295	\$ 538,946	\$ 655,148	\$ 611,384	\$ 601,289	\$ (53,859)	-8.2%
03-506-50011. Labor - Credit	\$ -	\$ 859	\$ -	\$ -	\$ -	\$ 509	\$ -	\$ -	\$ -	\$ -	
03-506-50012. Director Fees	\$ -	\$ 28,791	\$ 25,000	\$ 26,092	\$ 26,000	\$ 28,438	\$ 27,300	\$ 26,715	\$ 20,000	\$ (7,300)	-26.7%
03-506-50013. Benefits-FICA	\$ 54,200	\$ 47,214	\$ 46,080	\$ 44,304	\$ 47,147	\$ 45,281	\$ 53,161	\$ 48,375	\$ 60,028	\$ 6,867	12.9%
03-506-50014. Benefits-Life Insurance	\$ 3,500	\$ 1,391	\$ 2,952	\$ 1,177	\$ 3,120	\$ 1,024	\$ 3,964	\$ 1,045	\$ 2,839	\$ (1,125)	-28.4%
03-506-50016. Benefits-Health & Def Comp	\$ 144,700	\$ 203,065	\$ 115,866	\$ 167,934	\$ 122,640	\$ 181,270	\$ 161,439	\$ 205,290	\$ 155,786	\$ (5,653)	-3.5%
03-506-50017. Benefits Disability Insurane	\$ -	\$ 7,255	\$ 5,421	\$ 7,032	\$ 5,547	\$ 7,507	\$ 6,007	\$ 7,079	\$ 13,969	\$ 7,962	132.5%
03-506-50019. Benefits-Workers Compensation	\$ 19,100	\$ 16,493	\$ 16,264	\$ 17,715	\$ 16,640	\$ 13,476	\$ 4,454	\$ 17,100	\$ 5,861	\$ 1,407	31.6%
03-506-50021. Benefits-PERS Employee	\$ 49,600	\$ 19,106	\$ -	\$ (3,769)	\$ -	\$ -	\$ -	\$ (500)	\$ -	\$ -	
03-506-50022. Benefits-PERS Employer	\$ 103,300	\$ 215,441	\$ 90,354	\$ 39,547	\$ 92,444	\$ 44,120	\$ 53,984	\$ 455,546	\$ 49,910	\$ (4,074)	-7.5%
03-506-50023. Benefits-Uniforms	\$ 2,564	\$ 1,089	\$ 3,075	\$ 271	\$ 3,250	\$ 204	\$ 175	\$ 488	\$ -	\$ (175)	-100.0%
03-506-50024. Benefits-Vacation & Sick Pay	\$ 10,000	\$ 26,107	\$ 5,000	\$ 5,242	\$ 5,000	\$ 5,000	\$ -	\$ -	\$ -	\$ -	
03-506-50025. Benefits-Boots & Incentives	\$ -	\$ -	\$ 1,845	\$ -	\$ 1,950	\$ 2,385	\$ 2,115	\$ 2,115	\$ 2,619	\$ 504	23.8%
03-506-50055. Pension Expense-GASB 68	\$ -	\$ 11,964	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
03-506-51120. Safety Equipment & Supplies	\$ 10,000	\$ 10,821	\$ 5,500	\$ 11,020	\$ 9,500	\$ 9,289	\$ 9,690	\$ 26,753	\$ 9,884	\$ 194	2.0%
03-506-51125. Petroleum Products	\$ 20,000	\$ 16,741	\$ 18,000	\$ 22,320	\$ 24,000	\$ 27,232	\$ 29,000	\$ 29,000	\$ 24,970	\$ (4,030)	-13.9%
03-506-51130. Office Supplies & Expenses	\$ 4,000	\$ 12,882	\$ 10,000	\$ 8,624	\$ 7,000	\$ 8,071	\$ 9,200	\$ 5,311	\$ 7,283	\$ (1,917)	-20.8%
03-506-51140. General Supplies & Expenses	\$ 25,000	\$ 37,008	\$ 30,000	\$ 26,771	\$ 30,000	\$ 13,393	\$ 30,600	\$ 2,778	\$ 5,000	\$ (25,600)	-83.7%
03-506-51199. Disaster Repairs & Incidences	\$ -	\$ -	\$ -	\$ 16,086	\$ -	\$ (349,712)	\$ -	\$ 3,205	\$ -	\$ -	
03-506-54002. Dues & Subscriptions	\$ 10,000	\$ 11,627	\$ 25,000	\$ 29,475	\$ 30,000	\$ 30,759	\$ 41,000	\$ 33,709	\$ 31,212	\$ (9,788)	-23.9%
03-506-54003. Management & Admin Services	\$ 189,000	\$ 189,000	\$ 202,500	\$ 202,500	\$ 210,000	\$ 210,000	\$ 206,550	\$ 206,550	\$ 210,681	\$ 4,131	2.0%
03-506-54005. Computer Expenses	\$ 100,000	\$ 122,095	\$ 100,000	\$ 166,834	\$ 120,000	\$ 77,856	\$ 122,400	\$ 127,428	\$ 124,848	\$ 2,448	2.0%
03-506-54011. Printing & Publications	\$ -	\$ 741	\$ -	\$ 274	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
03-506-54012. Education & Training	\$ 9,000	\$ 13,326	\$ 15,000	\$ 22,648	\$ 20,000	\$ 11,160	\$ 20,400	\$ 8,524	\$ 20,400	\$ -	0.0%
03-506-54014. Public Relations	\$ 50,000	\$ 11,035	\$ 25,000	\$ 4,039	\$ 25,000	\$ 7,861	\$ 25,500	\$ 2,242	\$ 26,010	\$ 510	2.0%
03-506-54016. Travel Related Expenses	\$ 7,000	\$ 19,046	\$ 10,000	\$ 13,644	\$ 10,000	\$ 9,555	\$ 10,200	\$ 22	\$ 10,404	\$ 204	2.0%
03-506-54017. Certifications & Renewals	\$ 7,500	\$ 6,000	\$ 7,500	\$ 10,341	\$ 10,000	\$ 5,160	\$ 10,200	\$ 2,253	\$ 10,200	\$ -	0.0%
03-506-54019. Licenses & Permits	\$ 62,500	\$ 67,321	\$ 65,000	\$ 71,071	\$ 70,000	\$ 77,172	\$ 71,400	\$ 78,560	\$ 72,828	\$ 1,428	2.0%
03-506-54020. Meeting Related Expenses	\$ 5,000	\$ 6,369	\$ 5,000	\$ 6,253	\$ 5,000	\$ 5,765	\$ 7,500	\$ 704	\$ 5,202	\$ (2,298)	-30.6%
03-506-54022. Utilities - YVWD Services	\$ 2,000	\$ 1,655	\$ 1,500	\$ 293,681	\$ 265,000	\$ 471,771	\$ 355,000	\$ 606,001	\$ 500,000	\$ 145,000	40.8%
03-506-54024. Waste Disposal	\$ 13,000	\$ 13,201	\$ 13,000	\$ 14,327	\$ 14,000	\$ 33,188	\$ 33,000	\$ 39,077	\$ 40,000	\$ 7,000	21.2%
03-506-54025. Telephone & Internet	\$ 30,000	\$ 55,717	\$ 45,000	\$ 62,010	\$ 50,000	\$ 61,959	\$ 60,000	\$ 59,915	\$ 52,020	\$ (7,980)	-13.3%
03-506-54030. Drinking Water	\$ 1,000	\$ 1,075	\$ 1,250	\$ 940	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
03-506-54104. Contractural Services	\$ 70,000	\$ 48,687	\$ 456,746	\$ 258,436	\$ 46,000	\$ 136,158	\$ 165,000	\$ 165,000	\$ 47,858	\$ (117,142)	-71.0%
03-506-54107. Legal	\$ 45,000	\$ 180,805	\$ 45,000	\$ 32,334	\$ 30,000	\$ 21,135	\$ 30,600	\$ 45,005	\$ 31,212	\$ 612	2.0%
03-506-54108. Audit & Accounting	\$ 16,000	\$ 10,975	\$ 12,000	\$ 11,779	\$ 15,000	\$ 14,232	\$ 15,300	\$ 10,122	\$ 15,606	\$ 306	2.0%
03-506-54109. Professional Fees	\$ 225,000	\$ 224,113	\$ 159,000	\$ 809,637	\$ 1,567,274	\$ 968,348	\$ 297,189	\$ 394,050	\$ 208,080	\$ (89,109)	-30.0%
03-506-55500. Depreciation	\$ 500,000	\$ 4,104,399	\$ 500,000	\$ 500,000	\$ 472,982	\$ 4,338,068	\$ -	\$ -	\$ -	\$ -	
03-506-56001. Insurance	\$ 100,000	\$ 94,461	\$ 115,000	\$ 130,327	\$ 130,000	\$ 200,824	\$ 132,600	\$ 153,711	\$ 135,252	\$ 2,652	2.0%
03-506-57030. Regulatory Compliance	\$ 50,000	\$ 69,828	\$ 50,000	\$ 72,026	\$ 70,000	\$ 71,097	\$ 71,400	\$ 46,374	\$ 72,828	\$ 1,428	2.0%
	\$ 2,645,543	\$ 6,447,031	\$ 2,831,212	\$ 3,636,648	\$ 4,170,789	\$ 7,336,734	\$ 2,733,912	\$ 3,424,271	\$ 2,579,815	\$ (154,097)	-5.6%

Sewer Division – Administrative Services Department

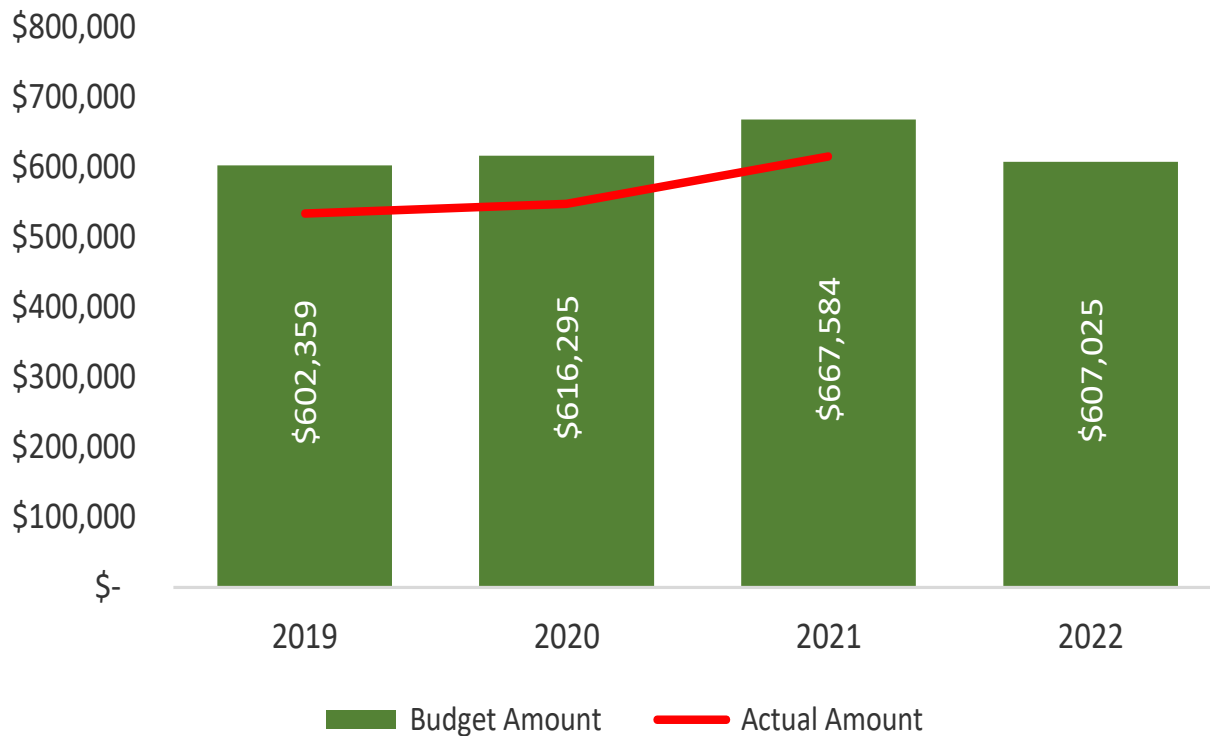
03-506-500xx

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	2017-18 Actual	2018-19 Actual	2019-20 Actual	2020-21 Projected	2021-22 Budget
03-506-50009. Labor - Overtime	\$ -	\$ -	\$ 8,235	\$ 3,340	\$ 5,736
03-506-50010. Labor	\$ 539,332	\$ 533,707	\$ 538,946	\$ 611,384	\$ 601,289
	\$ 539,332	\$ 533,707	\$ 547,181	\$ 614,724	\$ 607,025

Budget vs. Actual



Sewer Division – Administrative Services Department

03-506-50012

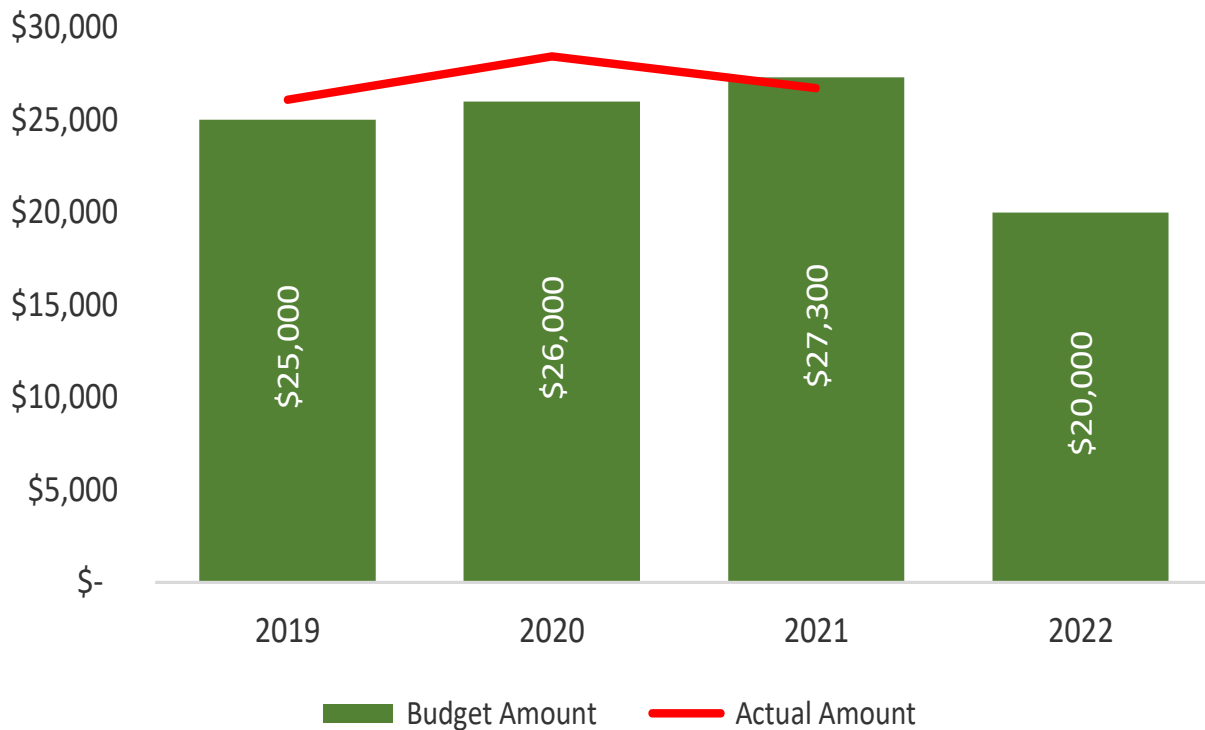
Director Fees

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

2017-18 Actual	2018-19 Actual	2019-20 Actual	2020-21 Projected
\$ 28,791	\$ 26,092	\$ 28,438	\$ 26,715

2021-22 Budget
\$ 20,000

Budget vs. Actual



Sewer Division – Administrative Services Department

03-506-500xx

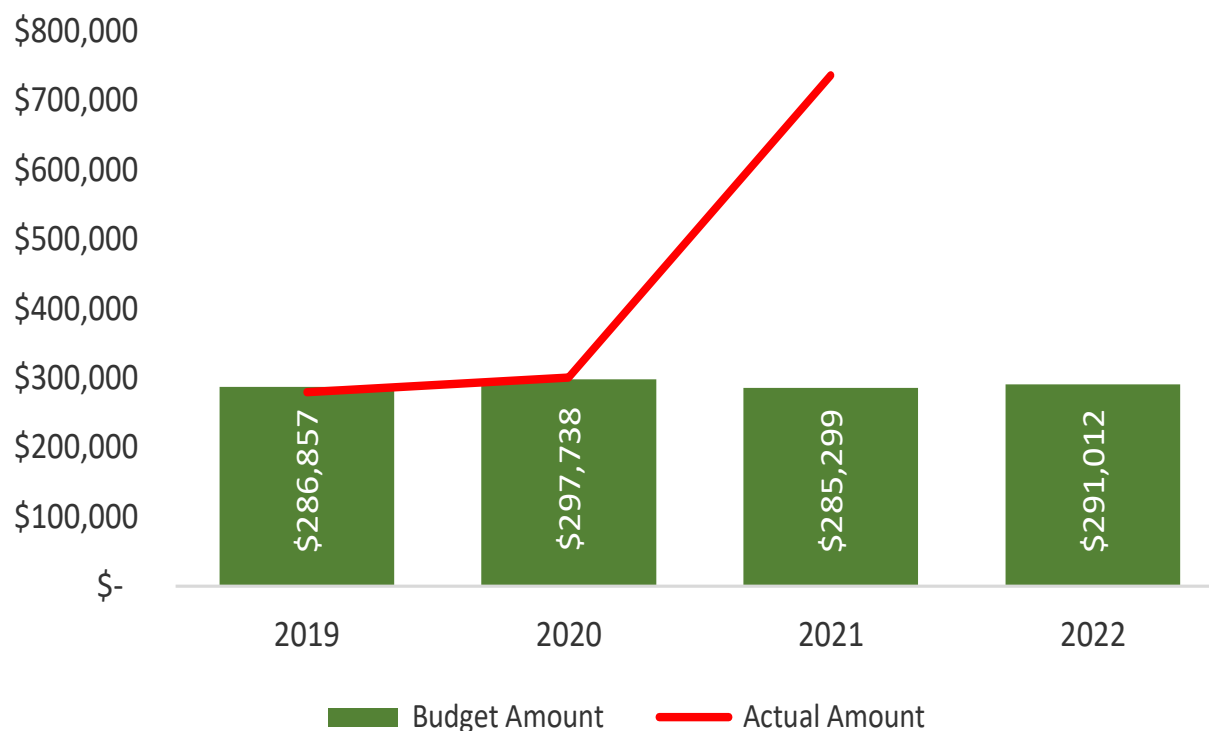
Benefits

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	2017-18 Actual	2018-19 Actual	2019-20 Actual	2020-21 Projected	2021-22 Budget
03-506-50013. Benefits-FICA	\$ 47,214	\$ 44,304	\$ 45,281	\$ 48,375	\$ 60,028
03-506-50014. Benefits-Life Insurance	\$ 1,391	\$ 1,177	\$ 1,024	\$ 1,045	\$ 2,839
03-506-50016. Benefits-Health & Def Comp	\$ 203,065	\$ 167,934	\$ 181,270	\$ 205,290	\$ 155,786
03-506-50017. Benefits Disability Insurane	\$ 7,255	\$ 7,032	\$ 7,507	\$ 7,079	\$ 13,969
03-506-50019. Benefits-Workers Compensation	\$ 16,493	\$ 17,715	\$ 13,476	\$ 17,100	\$ 5,861
03-506-50021. Benefits-PERS Employee	\$ 19,106	\$ (3,769)	\$ -	\$ (500)	\$ -
03-506-50022. Benefits-PERS Employer	\$ 215,441	\$ 39,547	\$ 44,120	\$ 455,546	\$ 49,910
03-506-50023. Benefits-Uniforms	\$ 1,089	\$ 271	\$ 204	\$ 488	\$ -
03-506-50024. Benefits-Vacation & Sick Pay	\$ 26,107	\$ 5,242	\$ 5,000	\$ -	\$ -
03-506-50025. Benefits-Boots & Incentives	\$ -	\$ -	\$ 2,385	\$ 2,115	\$ 2,619
	\$ 537,160	\$ 279,452	\$ 300,266	\$ 736,538	\$ 291,012

As a result of the implementation of the new financial system in July 2019, Benefits are automatically calculated as a result of payroll within the system. This has resulted in various changes to benefit line items that may have been over or under budgeted in prior years.

Budget vs. Actual



Sewer Division – Administrative Services Department

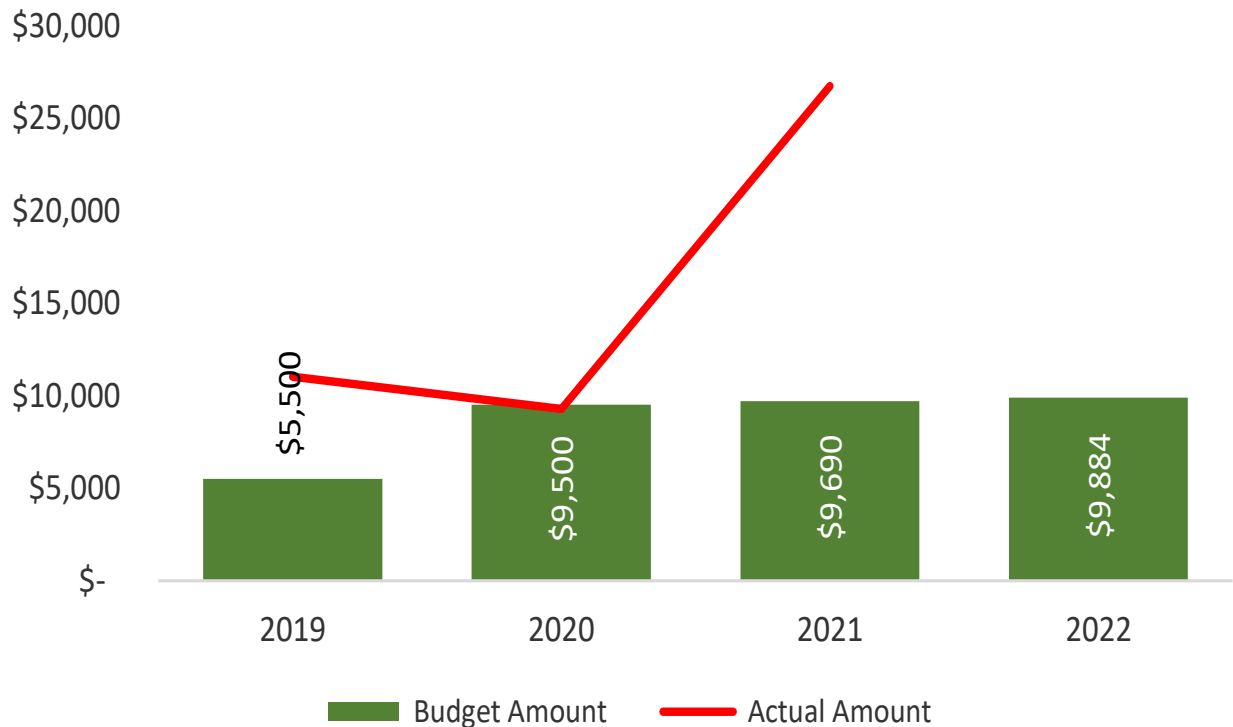
03-506-51120

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.

2017-18 Actual	2018-19 Actual	2019-20 Actual	2020-21 Projected	2021-22 Budget
\$ 10,821	\$ 11,020	\$ 9,289	\$ 26,753	\$ 9,884

Budget vs. Actual



Sewer Division – Administrative Services Department

03-506-51125

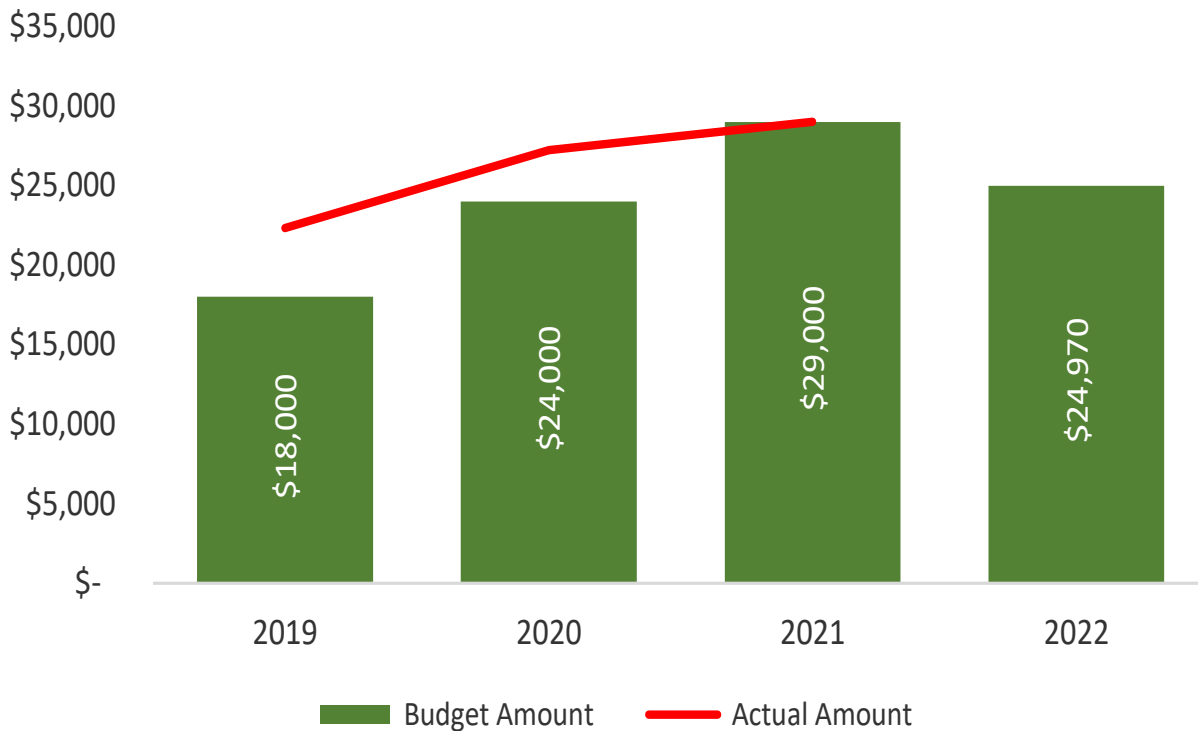
Petroleum Products

This budget category represents the projected costs associated with the purchase of gasoline, propane, oil and diesel fuel for District vehicles and equipment.

2017-18 Actual	2018-19 Actual	2019-20 Actual	2020-21 Projected
\$ 16,741	\$ 22,320	\$ 27,232	\$ 29,000

2021-22 Budget
\$ 24,970

Budget vs. Actual



Sewer Division – Administrative Services Department

03-506-51130

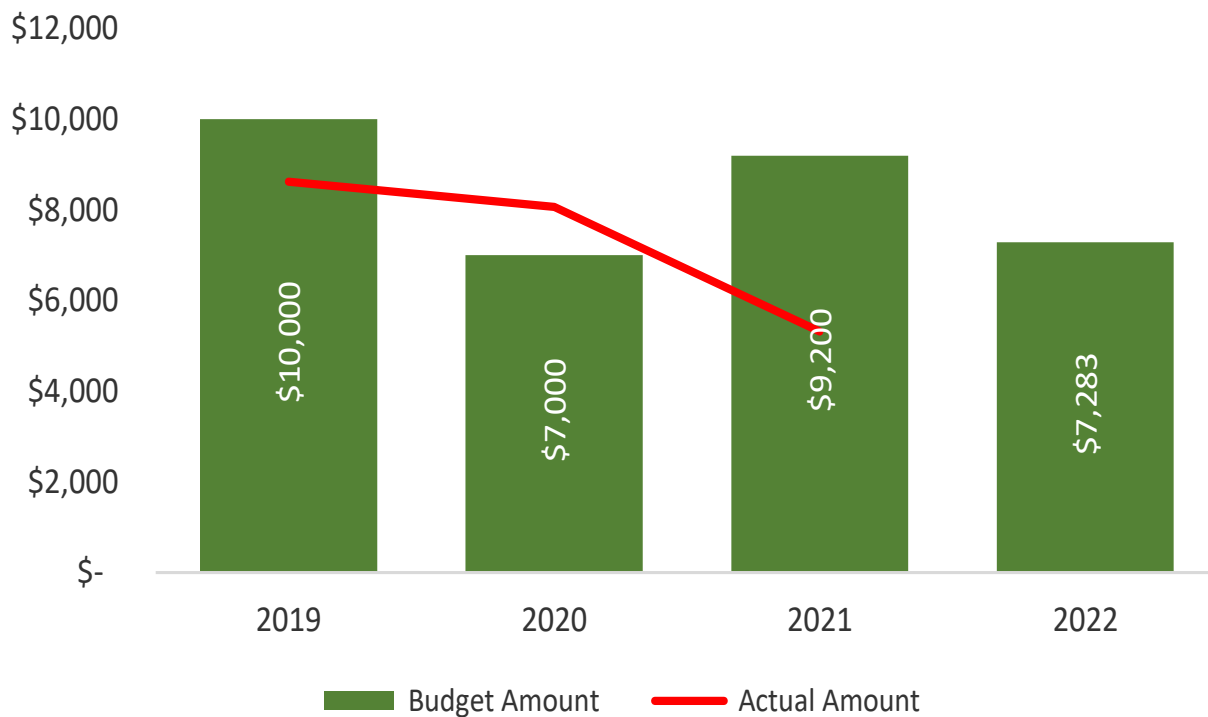
Office Supplies & Expenses

This budget category is used for office supplies for the sewer division.

2017-18 Actual	2018-19 Actual	2019-20 Actual	2020-21 Projected
\$ 12,882	\$ 8,624	\$ 8,071	\$ 5,311

2021-22 Budget
\$ 7,283

Budget vs. Actual



Sewer Division – Administrative Services Department

03-506-51140

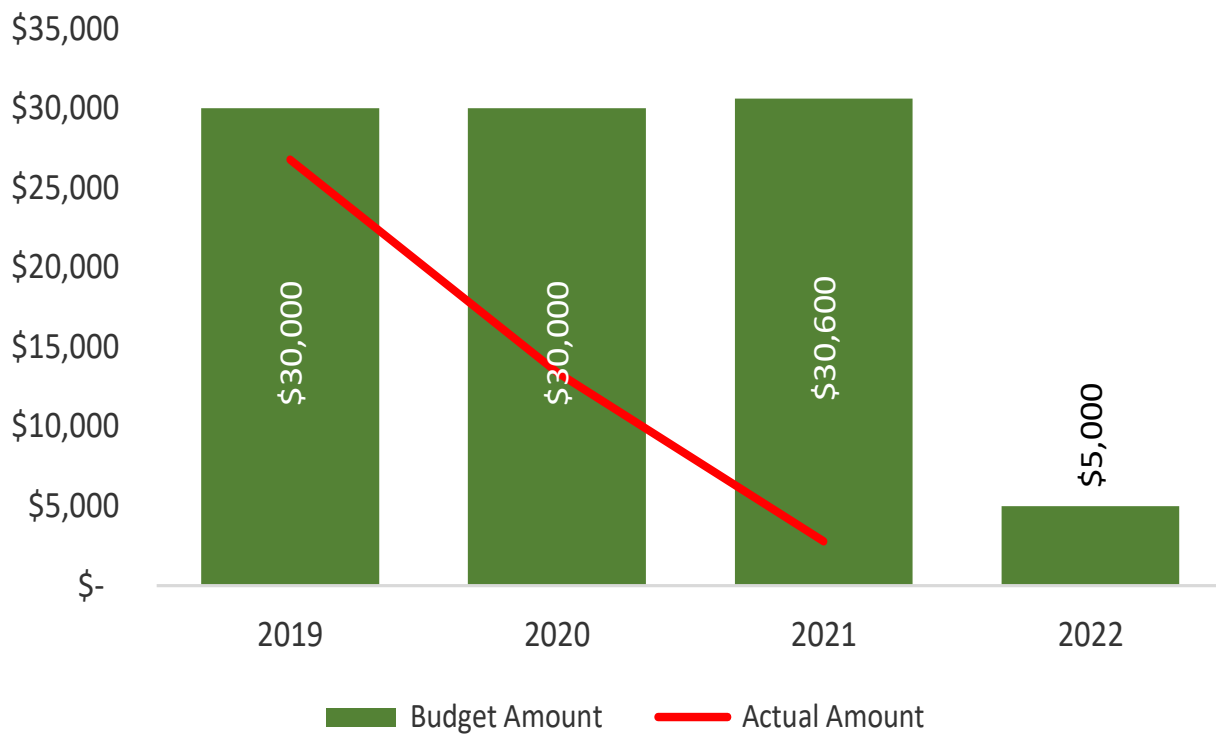
General Supplies & Expenses

This budget includes the supplies and expenses related to the operation of the Administrative Services Department.

2017-18 Actual	2018-19 Actual	2019-20 Actual	2020-21 Projected
\$ 37,008	\$ 26,771	\$ 13,393	\$ 2,778

2021-22 Budget
\$ 5,000

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.

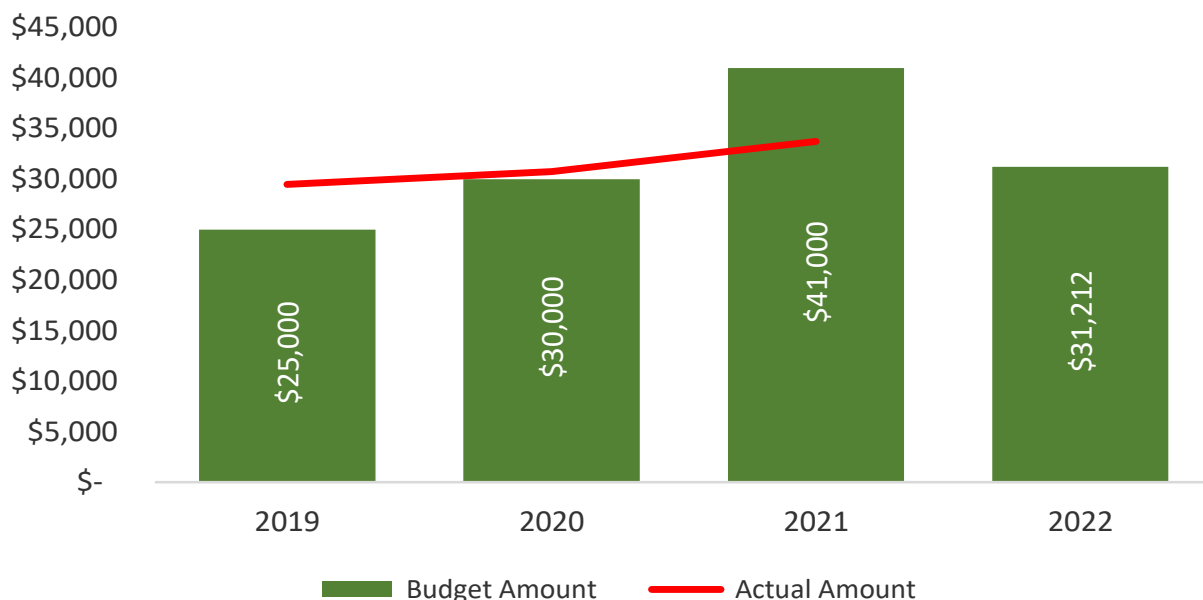
Line Item Detail:

Association of San Bernardino County Special Districts	\$ 138
California Association of Sanitation Agencies (CASA)	\$ 10,212
California Municipal Treasury Association (CMTA)	\$ 155
California Society of Municipal Finance Officers (CSMFO)	\$ 110
California Special Districts Association (CSDA)	\$ 3,421
California Water Environmental Association (CWEA)	\$ 4,700
Emergency Response Network of the Inland Empire (ERNIE)	\$ 200
Society for Human Resource Management (SHRM)	\$ 209
Southern California Alliance of Publicly Owned Treatment Works (SCAP)	\$ 3,616
Southwest Membrane Operator Association	\$ 375
Water Environment Federation (WEF)	\$ 1,300
Water ISAC	\$ 2,099
Western Coalition of Arid States (WESTCAS)	\$ 4,677
Total	\$ 31,212

2017-18 Actual	2018-19 Actual	2019-20 Actual	2020-21 Projected
\$ 11,627	\$ 29,475	\$ 30,759	\$ 33,709

2021-22 Budget
\$ 31,212

Budget vs. Actual



Sewer Division – Administrative Services Department

02-506-54003

Management & Admin Services

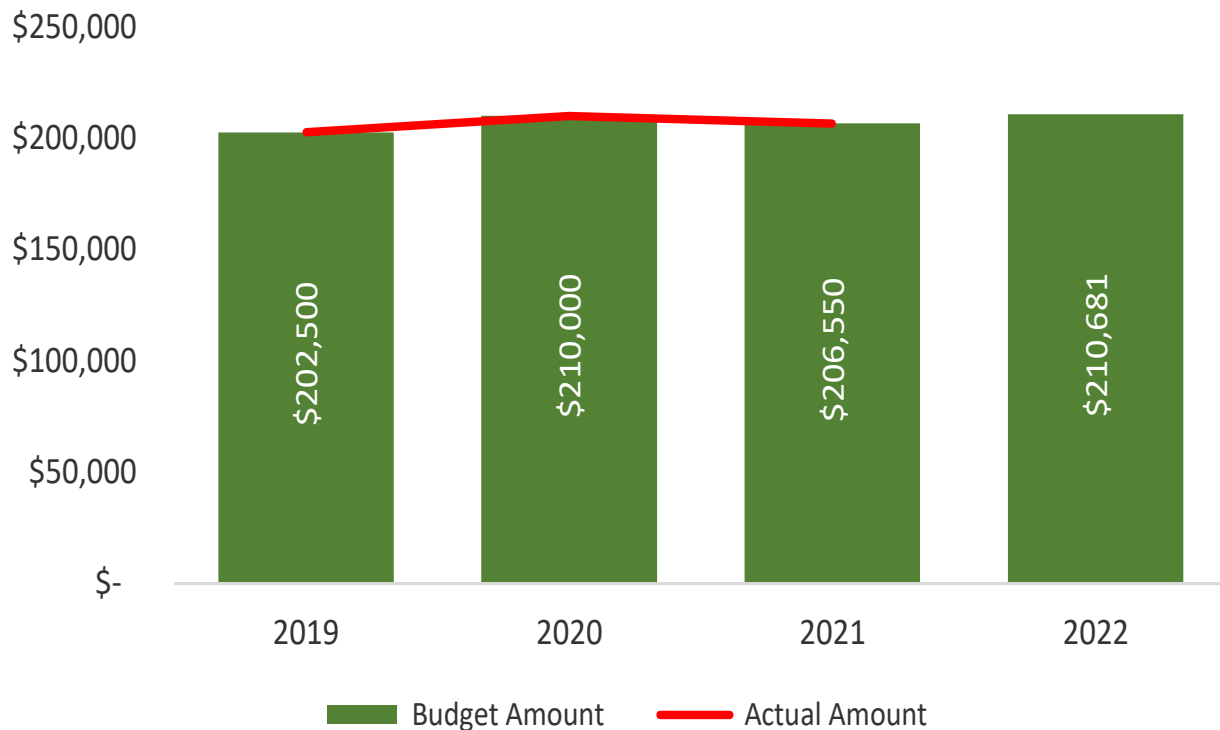
This category includes management and accounting services related to the operation of the Sewer Division. The expenses for this year will be considered in future years as a reimbursement to the Water Division.

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%)	\$ 232,000	\$ 146,160	\$ 86,116
	Admin: Maintenance-Structures (60%:40%)	\$ 36,414	\$ 21,848	\$ 14,565
	Public Works: R&M-Vehicles & Equipment (60%:40%)	\$ 275,000	\$ 165,000	\$ 110,000
		<u>\$ 543,414</u>	<u>\$ 333,008</u>	<u>\$ 210,681</u>

2017-18 Actual	2018-19 Actual	2019-20 Actual	2020-21 Projected
\$ 189,000	\$ 202,500	\$ 210,000	\$ 206,550

2021-22 Budget
\$ 210,681

Budget vs. Actual



Sewer Division – Administrative Services Department

03-506-54005

Computer Expenses

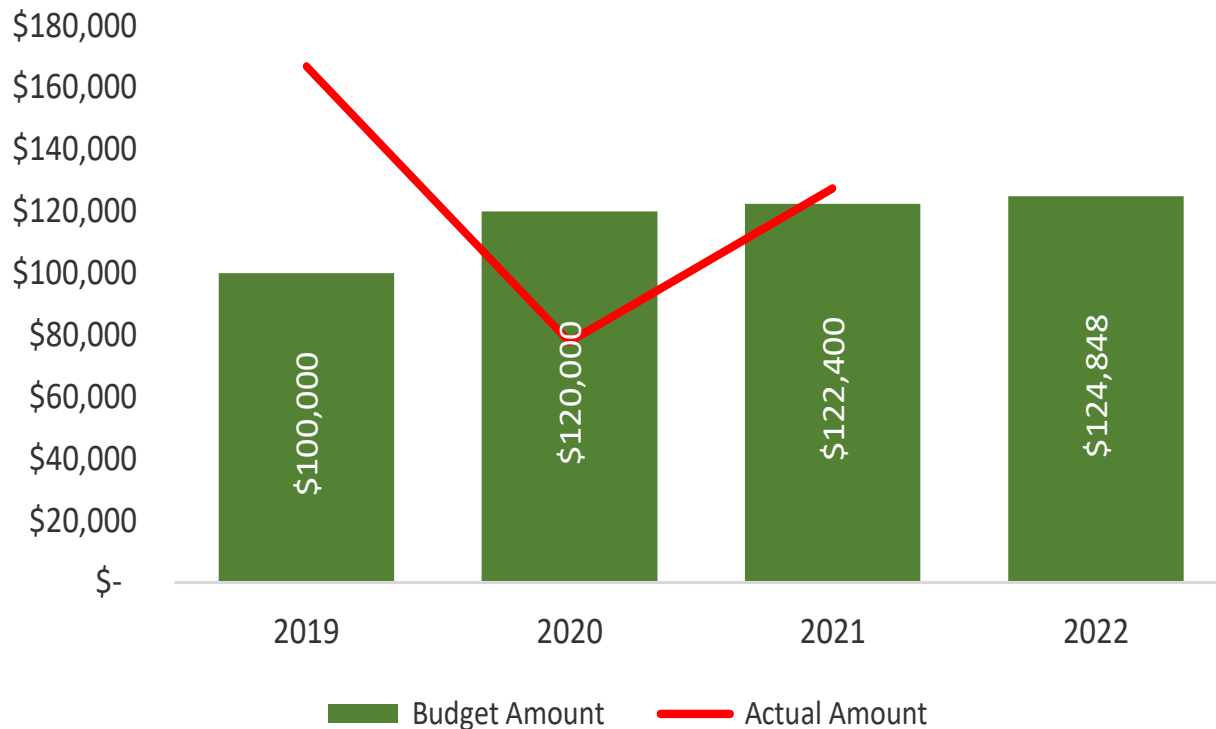
The District staff relies heavily upon the proper orientations and integration of our various computer systems. Therefore, this budget category includes the costs related to modifications and improvements in the operation of the computer systems.

Line Item Detail:

Computer and Network Maintenance	\$ 59,848
Hardware and Software	\$ 35,000
General Accounting and Customer Service Programs	\$ 30,000
Total	\$ 124,848

2017-18 Actual	2018-19 Actual	2019-20 Actual	2020-21 Projected	2021-22 Budget
\$ 122,095	\$ 166,834	\$ 77,856	\$ 127,428	\$ 124,848

Budget vs. Actual



Sewer Division – Administrative Services Department

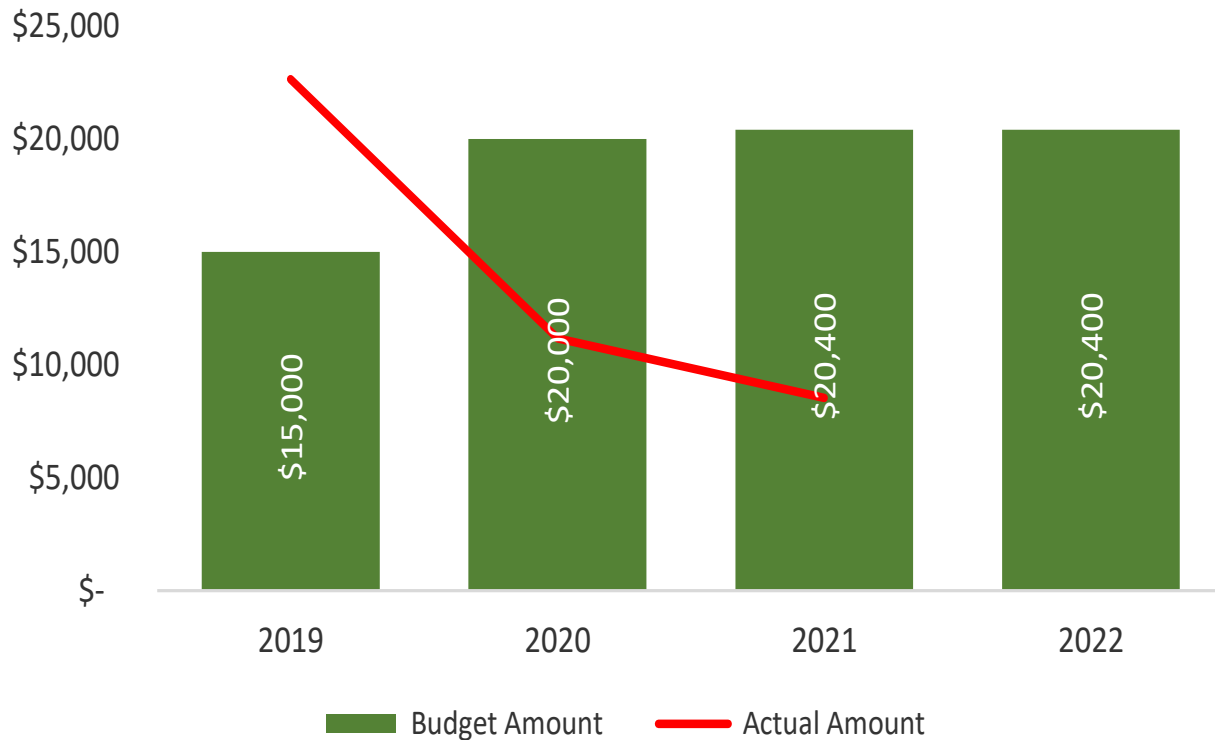
03-506-54012

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.

2017-18 Actual	2018-19 Actual	2019-20 Actual	2020-21 Projected	2021-22 Budget
\$ 13,326	\$ 22,648	\$ 11,160	\$ 8,524	\$ 20,400

Budget vs. Actual



Sewer Division – Administrative Services Department

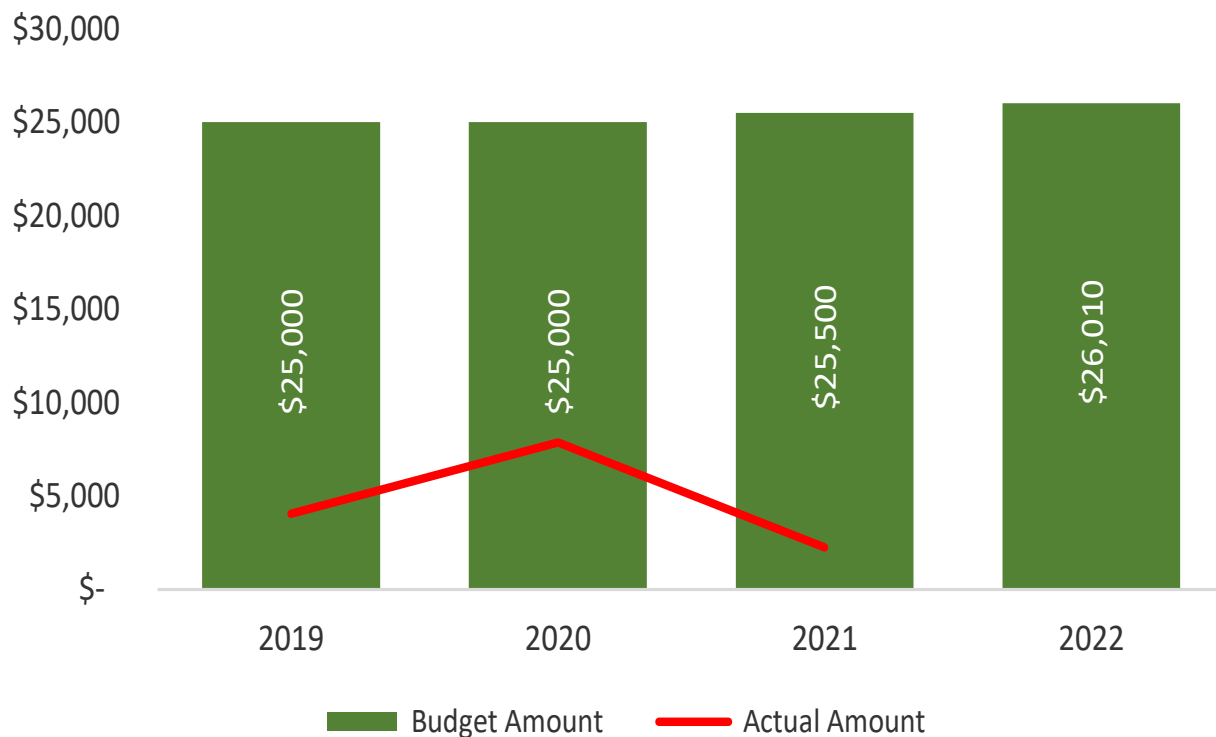
03-506-54014

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. In 2017-18, all historical and future budget data for the Printing and Publications budget category (03-506-54011) was combined here.

2017-18 Actual	2018-19 Actual	2019-20 Actual	2020-21 Projected	2021-22 Budget
\$ 11,035	\$ 4,039	\$ 7,861	\$ 2,242	\$ 26,010

Budget vs. Actual



Sewer Division – Administrative Services Department

03-506-54016

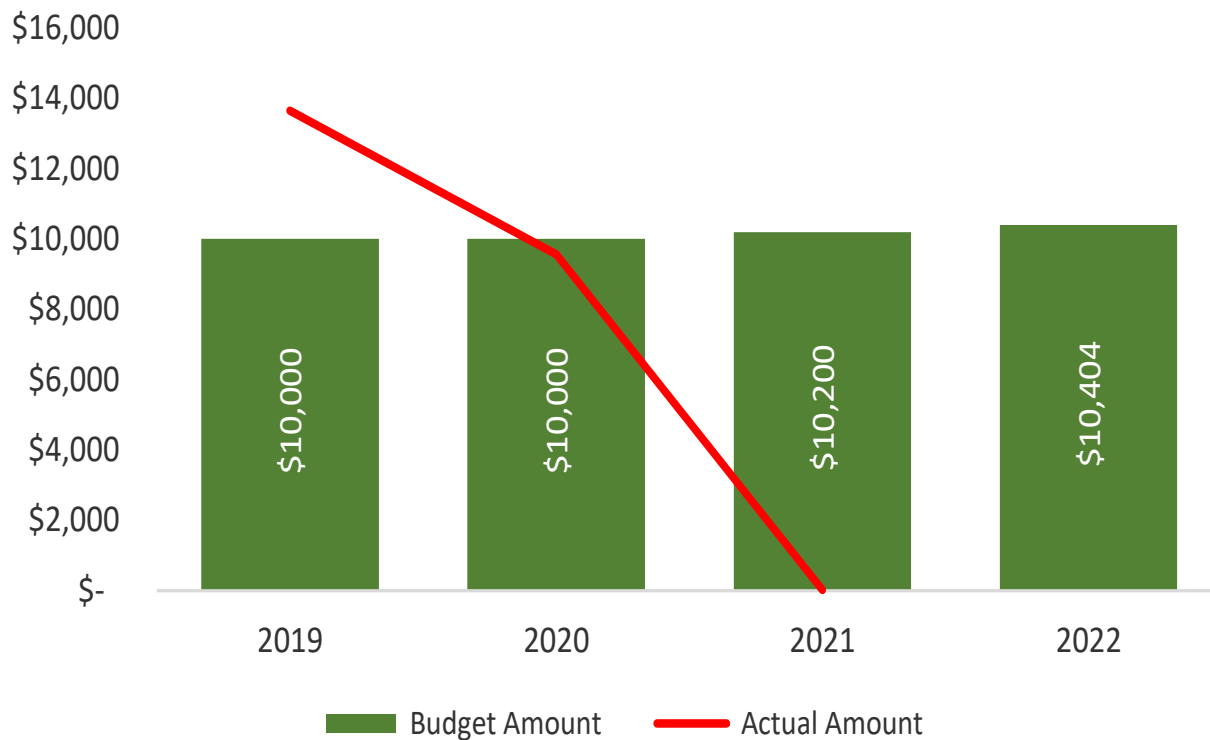
Travel Related Expenses

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

2017-18 Actual	2018-19 Actual	2019-20 Actual	2020-21 Projected
\$ 19,046	\$ 13,644	\$ 9,555	\$ 22

2021-22 Budget
\$ 10,404

Budget vs. Actual



Sewer Division – Administrative Services Department

03-506-54017

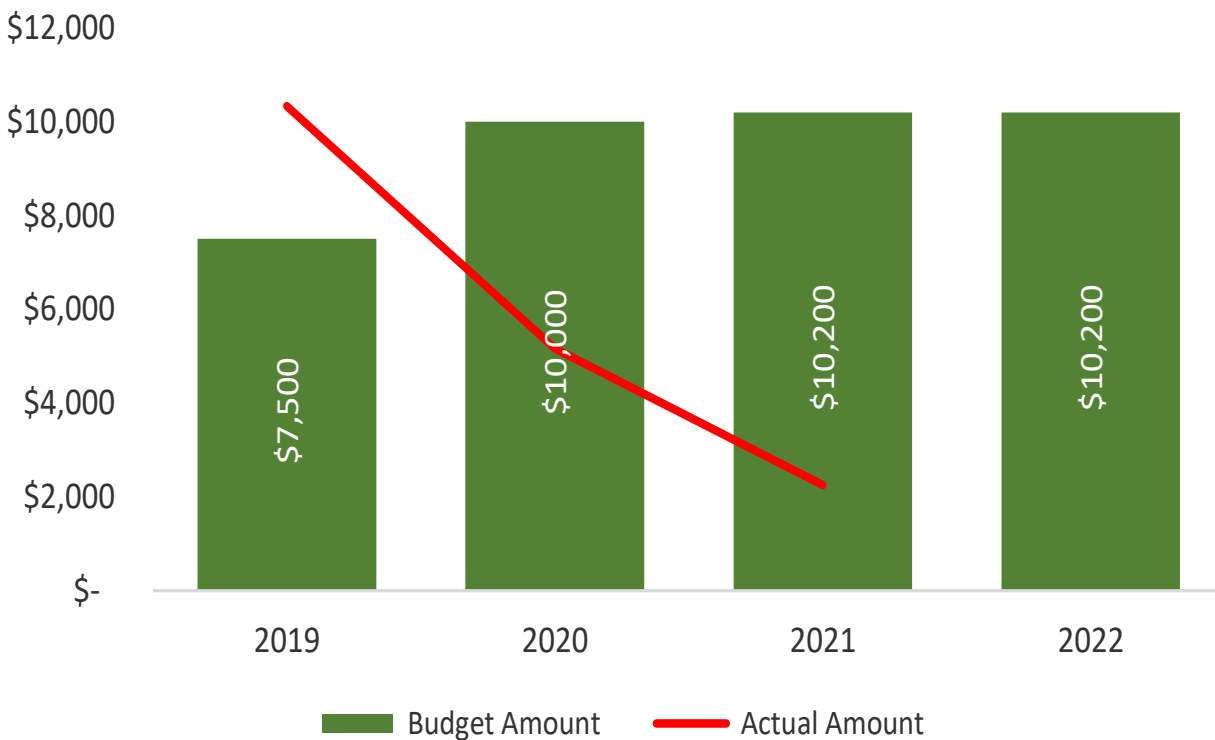
Certifications & Renewals

This budget category will be used for Sewer Division employee certifications.

2017-18 Actual	2018-19 Actual	2019-20 Actual	2020-21 Projected
\$ 6,000	\$ 10,341	\$ 5,160	\$ 2,253

2021-22 Budget
\$ 10,200

Budget vs. Actual



Sewer Division – Administrative Services Department

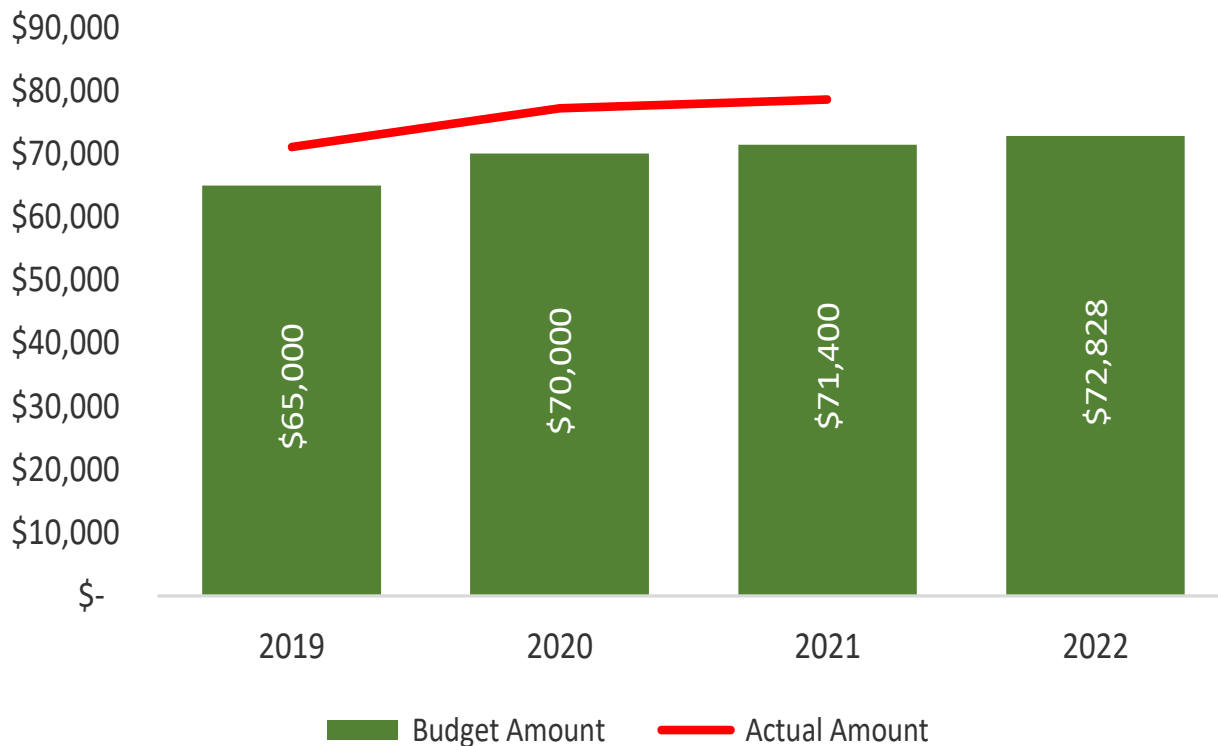
03-506-54019

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.

2017-18 Actual	2018-19 Actual	2019-20 Actual	2020-21 Projected	2021-22 Budget
\$ 67,321	\$ 71,071	\$ 77,172	\$ 78,560	\$ 72,828

Budget vs. Actual



Sewer Division – Administrative Services Department

03-506-54020

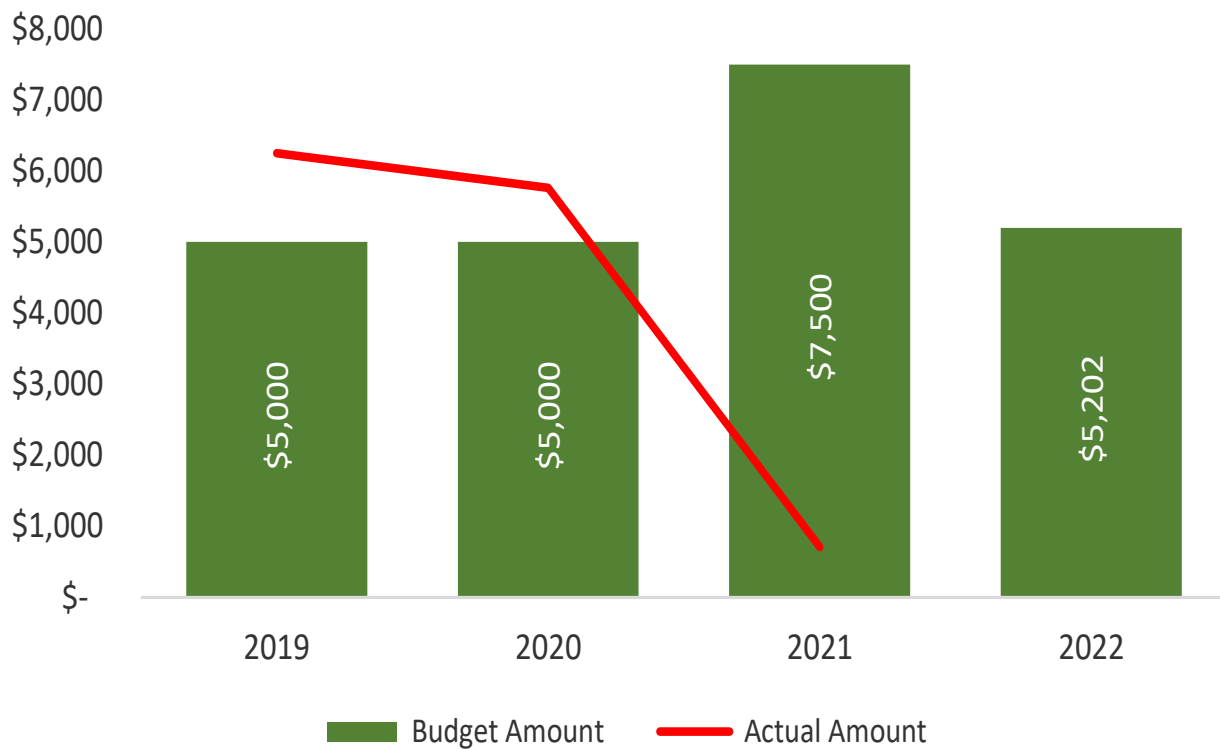
Meeting Related Expenses

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.

2017-18 Actual	2018-19 Actual	2019-20 Actual	2020-21 Projected
\$ 6,369	\$ 6,253	\$ 5,765	\$ 704

2021-22 Budget
\$ 5,202

Budget vs. Actual



Sewer Division – Administrative Services Department

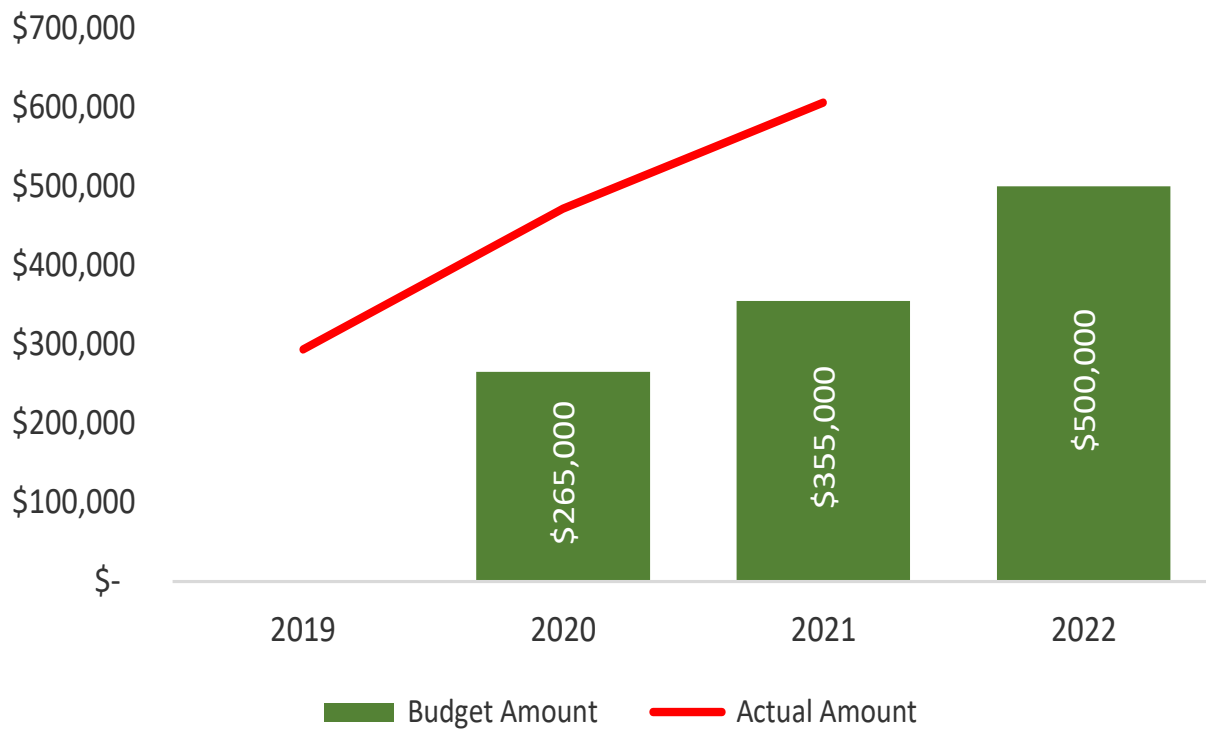
03-506-54022

Utilities – YVWD Services

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

2017-18 Actual	2018-19 Actual	2019-20 Actual	2020-21 Projected	2021-22 Budget
\$ 1,655	\$ 293,681	\$ 471,771	\$ 606,001	\$ 500,000

Budget vs. Actual



Sewer Division – Administrative Services Department

03-506-54024

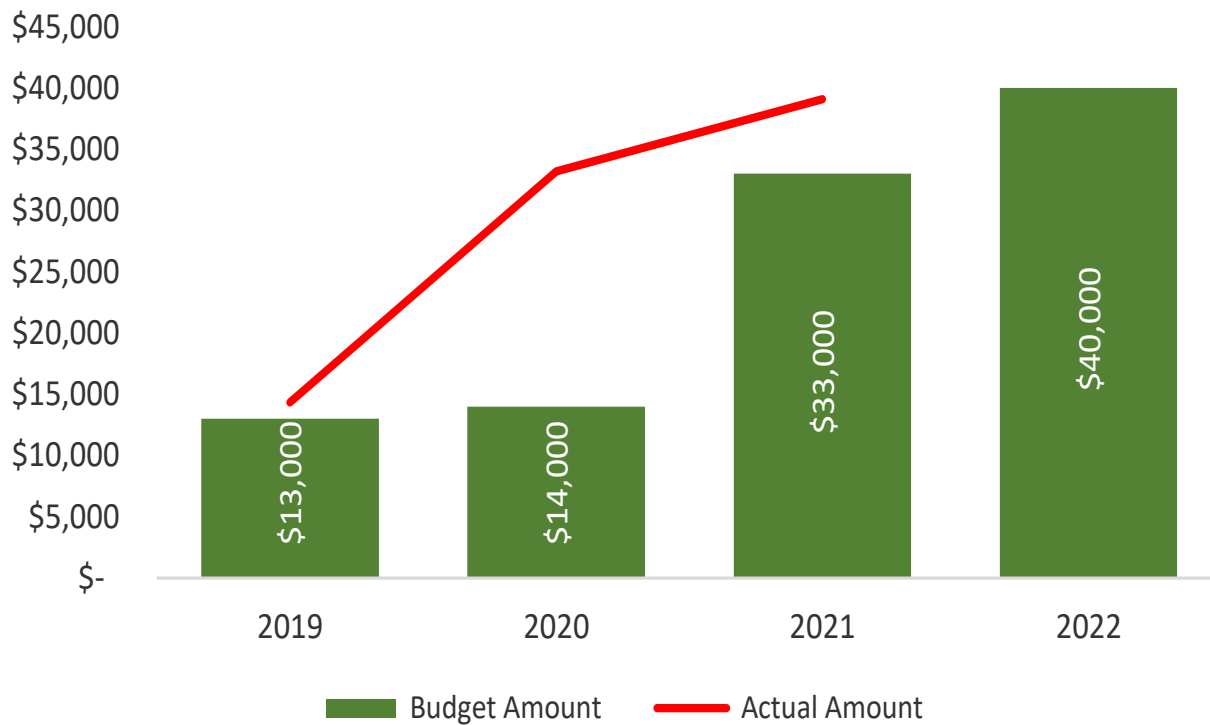
Waste Disposal

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

2017-18 Actual	2018-19 Actual	2019-20 Actual	2020-21 Projected
\$ 13,201	\$ 14,327	\$ 33,188	\$ 39,077

2021-22 Budget
\$ 40,000

Budget vs. Actual



Sewer Division – Administrative Services Department

03-506-54025

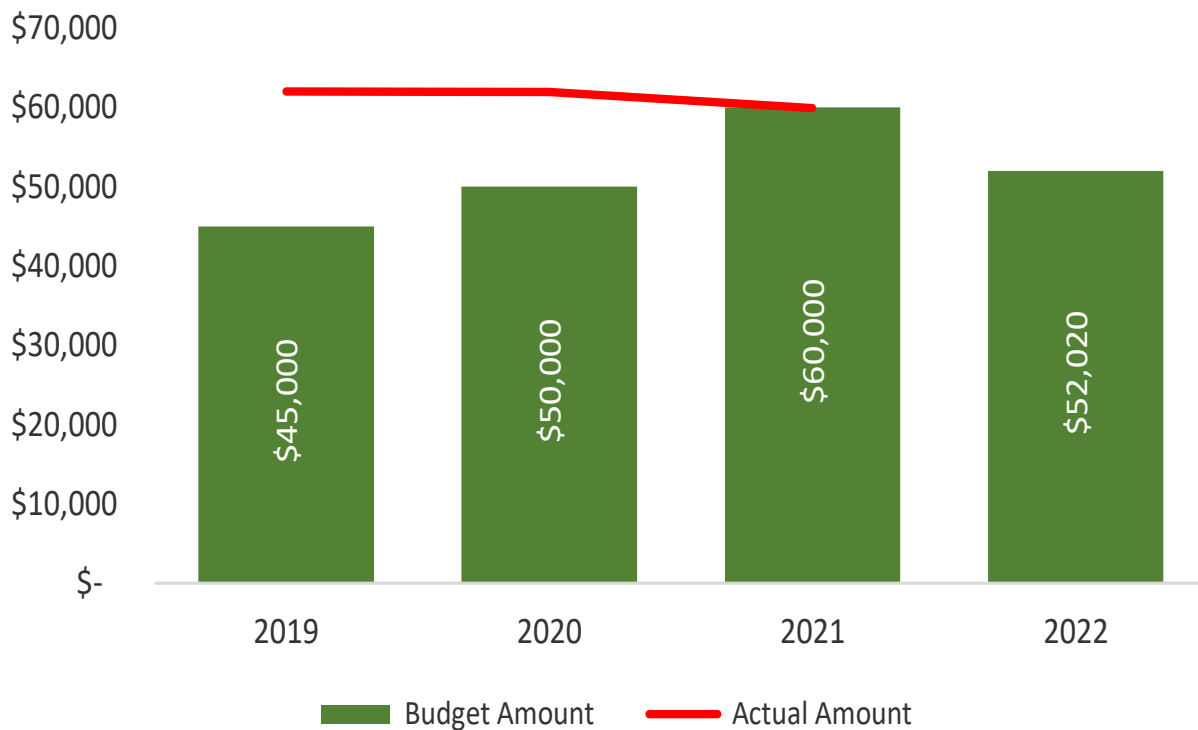
Telephone & Internet

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 and internet costs allocated to the Administrative Services Department.

2017-18 Actual	2018-19 Actual	2019-20 Actual	2020-21 Projected
\$ 55,717	\$ 62,010	\$ 61,959	\$ 59,915

2021-22 Budget
\$ 52,020

Budget vs. Actual



Sewer Division – Administrative Services Department

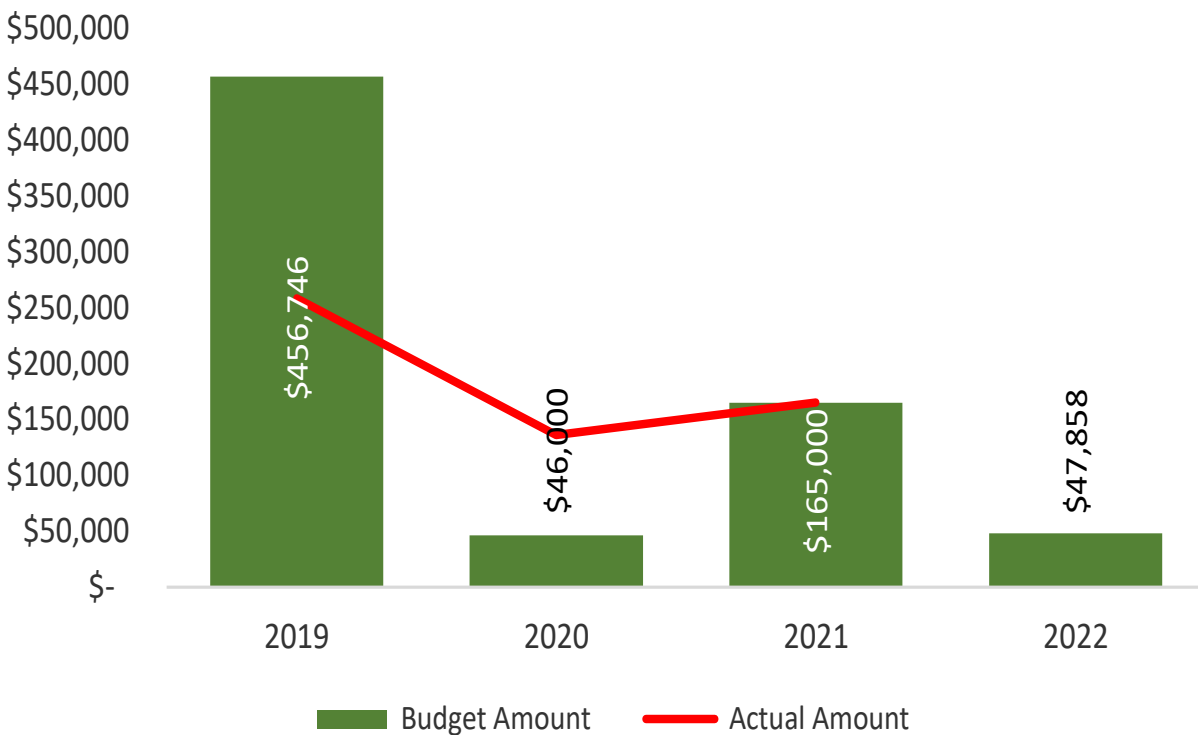
03-506-54104

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, and other miscellaneous services. Fiscal year 2018-19 included one-time charges for WaterTrax set up as well as data mitigation. In addition, the District utilized temporary staffing for customer service as well as contract labor operators for a period of time until the District was fully staffed with Integrated Operators.

2017-18 Actual	2018-19 Actual	2019-20 Actual	2020-21 Projected	2021-22 Budget
\$ 48,687	\$ 258,436	\$ 136,158	\$ 165,000	\$ 47,858

Budget vs. Actual



Sewer Division – Administrative Services Department

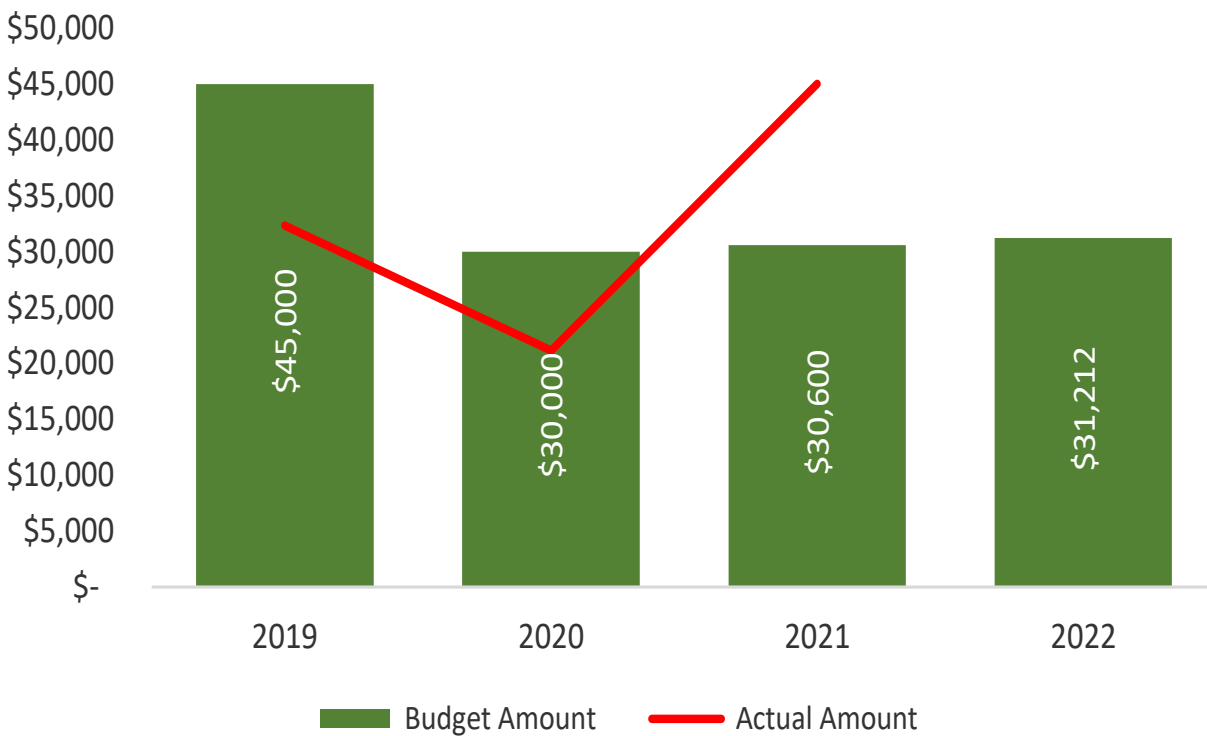
03-506-54107

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).

2017-18 Actual	2018-19 Actual	2019-20 Actual	2020-21 Projected	2021-22 Budget
\$ 180,805	\$ 32,334	\$ 21,135	\$ 45,005	\$ 31,212

Budget vs. Actual



Sewer Division – Administrative Services Department

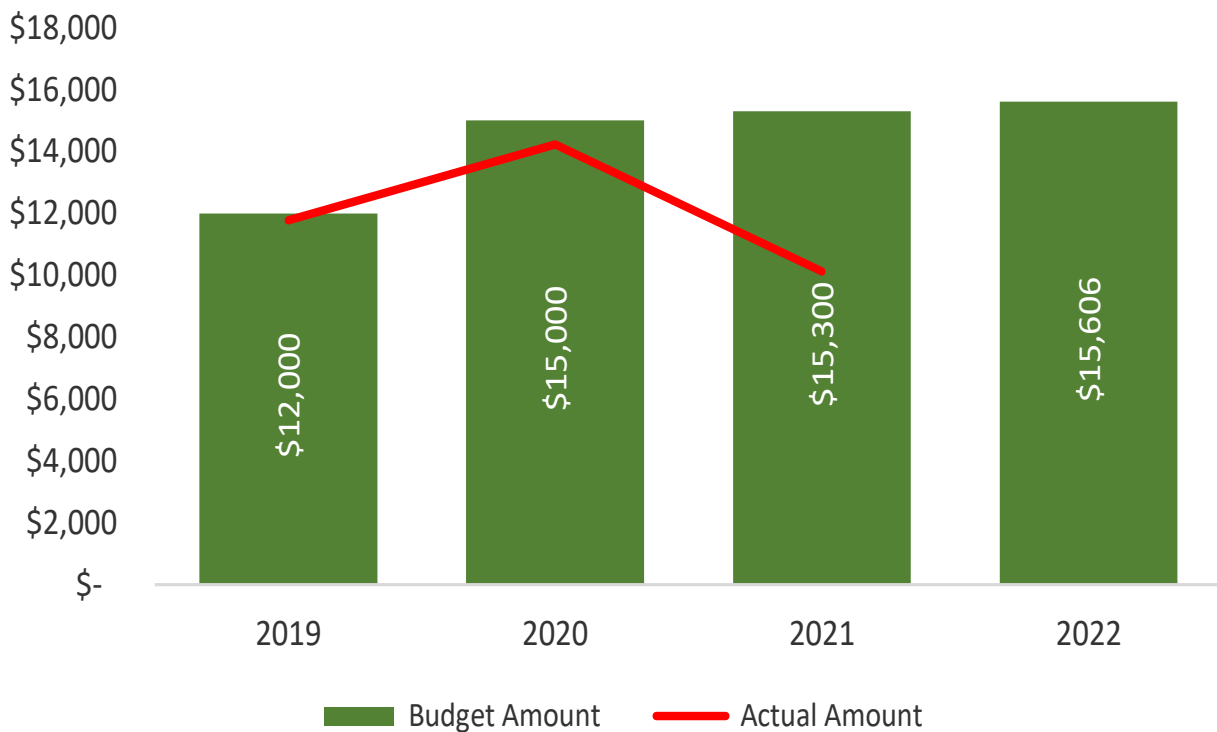
03-506-54108

Audit & Accounting

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

2017-18 Actual	2018-19 Actual	2019-20 Actual	2020-21 Projected	2021-22 Budget
\$ 10,975	\$ 11,779	\$ 14,232	\$ 10,122	\$ 15,606

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.

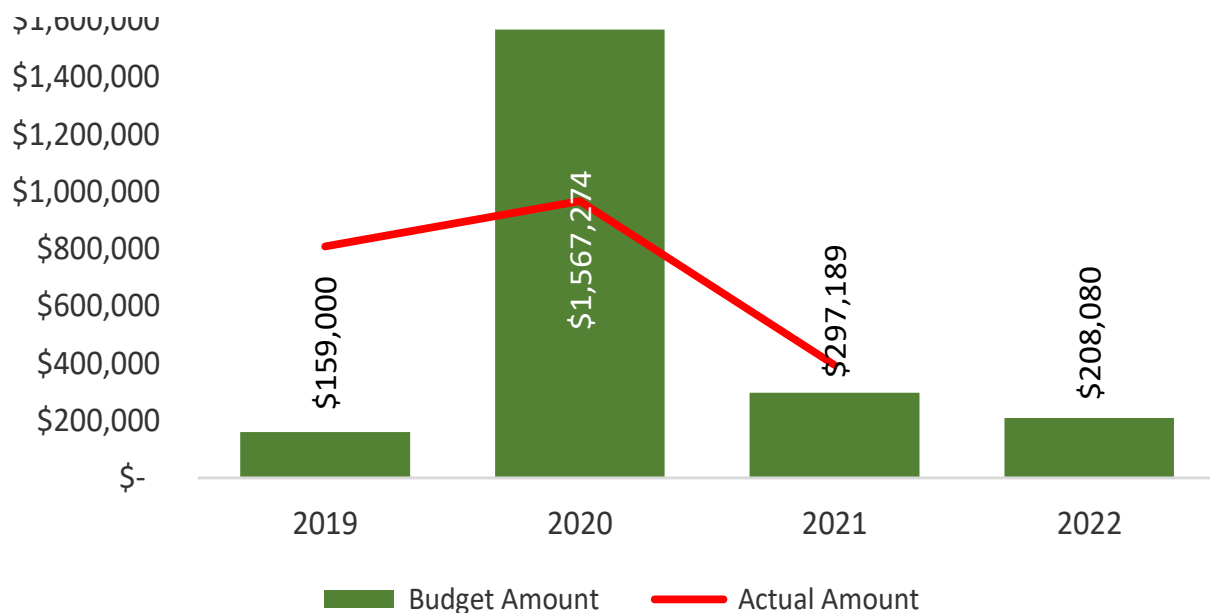
In fiscal year 2018-19, expenses were higher than budgeted as a result of the pilot recharge study, the max benefits monitoring, the MORE project, as well as lift station #6 and #7 design costs.

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.

Line Item Detail:

Engineering Services	\$ 130,080
Legislative Consulting Services	\$ 53,000
Labor Consulting Services	\$ 25,000
Total	\$ 208,080

2017-18 Actual	2018-19 Actual	2019-20 Actual	2020-21 Projected	2021-22 Budget
\$ 224,113	\$ 809,637	\$ 968,348	\$ 394,050	\$ 208,080



Sewer Division – Administrative Services Department

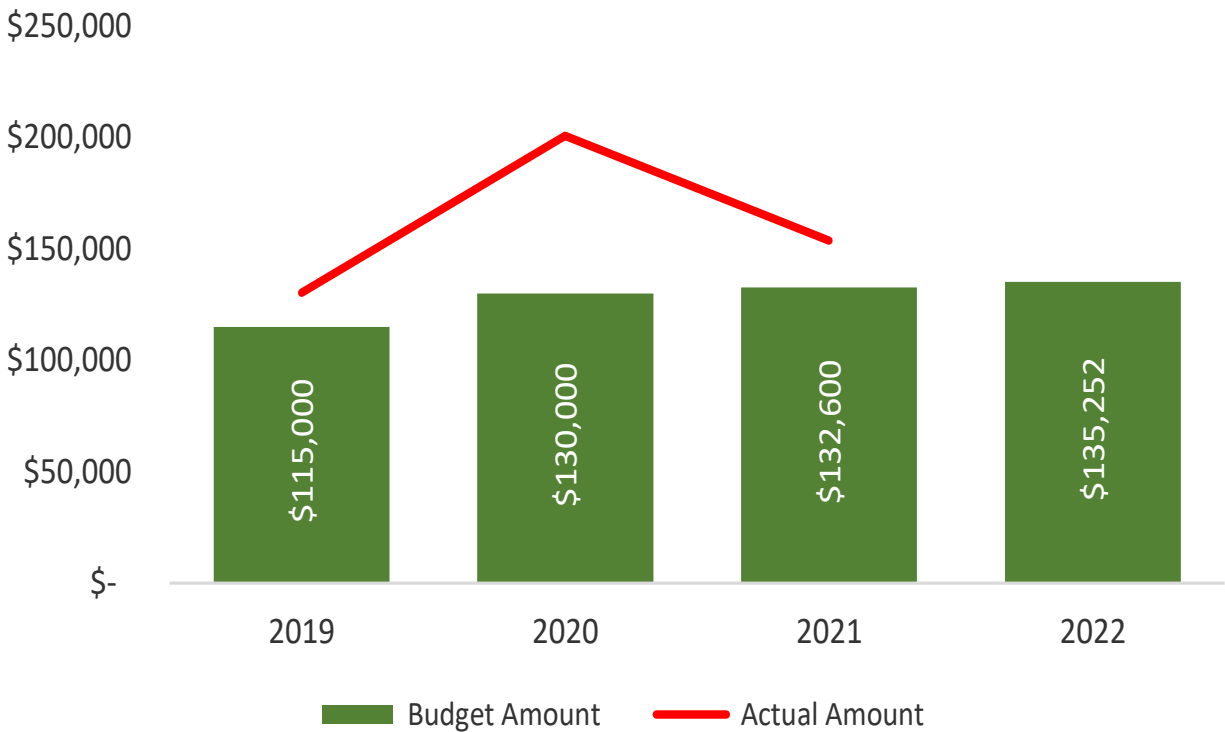
03-506-56001

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.

2017-18 Actual	2018-19 Actual	2019-20 Actual	2020-21 Projected	2021-22 Budget
\$ 94,461	\$ 130,327	\$ 200,824	\$ 153,711	\$ 135,252

Budget vs. Actual



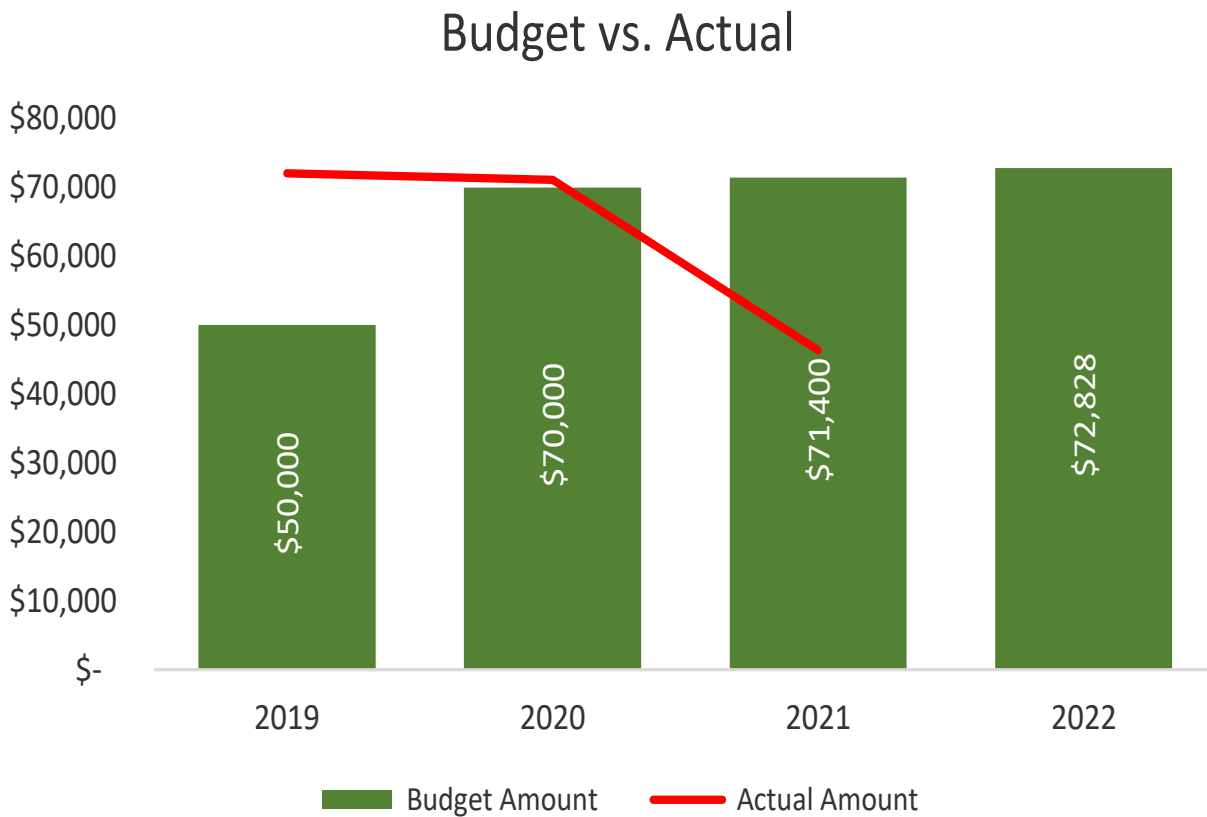
Sewer Division – Administrative Services Department

03-506-57030

Regulatory Compliance

This budget category is used for regulatory compliance expenses for the Sewer Division.

2017-18 Actual	2018-19 Actual	2019-20 Actual	2020-21 Projected	2021-22 Budget
\$ 69,828	\$ 72,026	\$ 71,097	\$ 46,374	\$ 72,828



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 8.25 Full-Time Equivalent (FTE) employees¹.

Title	Range	FTE	Expense
Public Works Manager	234	0.15	\$ 32,440
Public Works Supervisor	117	1.90	\$ 346,968
Senior Utility Service Worker	54	0.60	\$ 88,282
Utility Service Worker IV	49	1.40	\$ 220,181
Purchasing Agent	45	0.20	\$ 21,329
Utility Service Worker III	44	0.80	\$ 111,610
Utility Service Worker II	36	1.00	\$ 120,289
Utility Service Worker I	32	2.20	\$ 225,635
Total		8.25	\$ 1,166,734

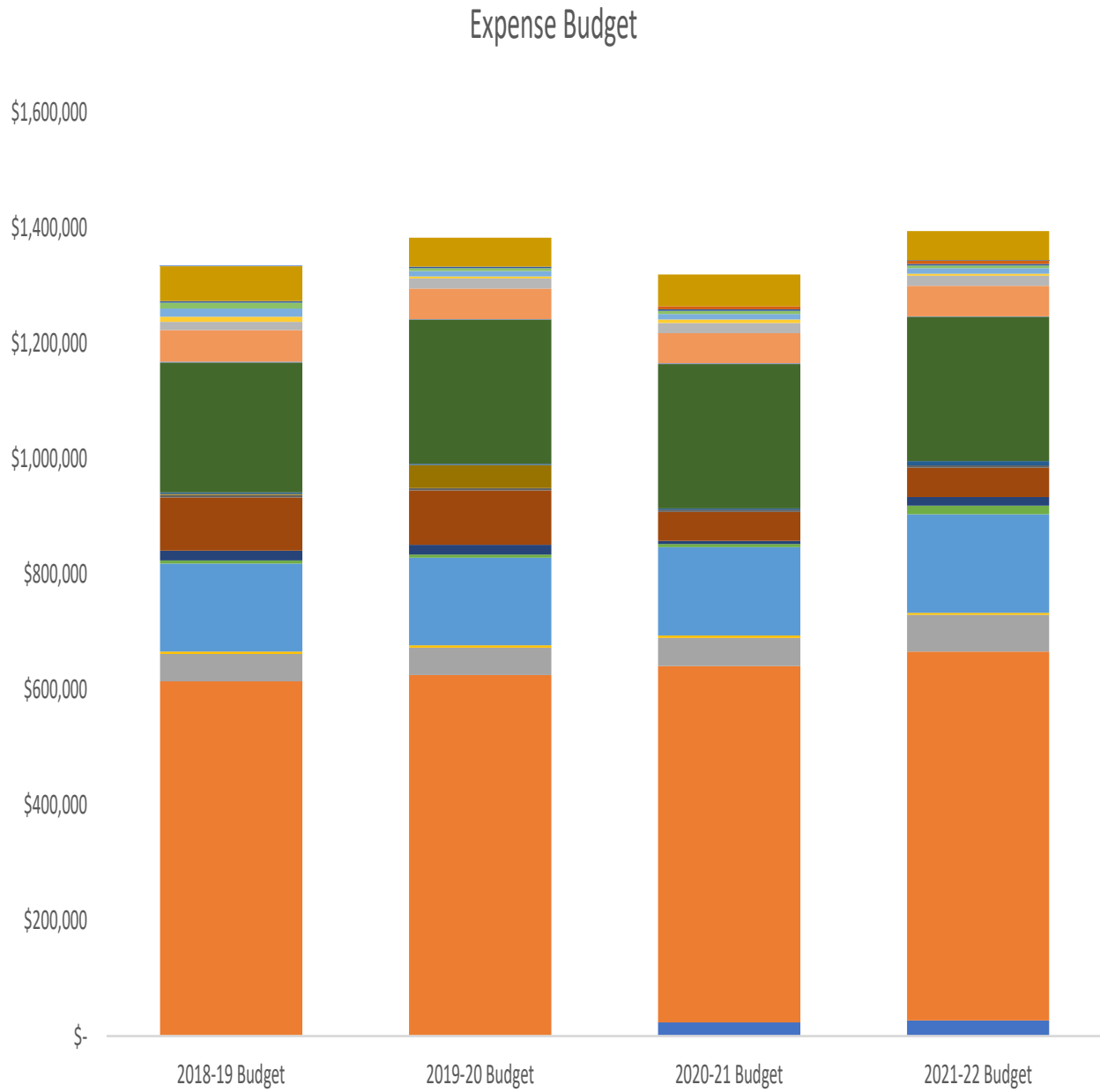
This year, the Environmental Control Department will be allocated \$1,394,057 (not including asset acquisitions & capital improvements), which represents an increase of \$75,502 as compared to the prior year modified budget, or a 5.8% increase.

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 heavy-duty sewer mainline cleaning vehicles allocated to this department significantly improve the maintenance activities throughout the collection system. These vehicles are reaching the end of their useful life and District staff will be researching replacement options for fiscal year 2021-22.
- ❖ 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.



Account	2017-18 Budget	2017-18 Actual	2018-19 Budget	2018-19 Actual	2019-20 Budget	2019-20 Actual	2020-21 Budget	2020-21 Projected	2021-22 Budget	Increase (Decrease) in Budget	Increase (Decrease) %
03-507-50009. Labor - Overtime	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 22,617	\$ 23,890	\$ 25,246	\$ 26,886	\$ 2,996	12.5%
03-507-50010. Labor	\$ 565,420	\$ 386,212	\$ 614,646	\$ 548,192	\$ 625,069	\$ 559,345	\$ 616,937	\$ 598,150	\$ 638,741	\$ 21,804	3.5%
03-507-50013. Benefits-FICA	\$ 43,302	\$ 29,798	\$ 47,020	\$ 42,533	\$ 47,818	\$ 49,632	\$ 49,025	\$ 49,197	\$ 64,062	\$ 15,037	30.7%
03-507-50014. Benefits-Life Insurance	\$ 3,200	\$ 775	\$ 3,888	\$ 1,189	\$ 3,864	\$ 1,360	\$ 3,768	\$ 1,243	\$ 2,916	\$ (852)	-22.6%
03-507-50016. Benefits-Health & Def Comp	\$ 134,400	\$ 99,212	\$ 152,604	\$ 164,365	\$ 151,662	\$ 185,338	\$ 152,863	\$ 174,014	\$ 170,859	\$ 17,996	11.8%
03-507-50017. Benefits-Disability Insurance	\$ 5,100	\$ 5,006	\$ 5,532	\$ 7,815	\$ 5,626	\$ 8,819	\$ 5,768	\$ 8,585	\$ 14,907	\$ 9,139	158.4%
03-507-50019. Benefits-Workers Compensatio	\$ 15,300	\$ 22,360	\$ 16,595	\$ 22,191	\$ 16,877	\$ 24,065	\$ 5,391	\$ 34,643	\$ 15,250	\$ 9,859	182.9%
03-507-50021. Benefits-PERS Employee	\$ 25,000	\$ 9,575	\$ -	\$ (4,506)	\$ -	\$ -	\$ -	\$ (454)	\$ -	\$ -	
03-507-50022. Benefit-PERS Employer	\$ -	\$ 25,155	\$ 92,197	\$ 37,103	\$ 93,760	\$ 43,035	\$ 49,754	\$ 46,011	\$ 50,520	\$ 766	1.5%
03-507-50023. Benefits-Uniforms	\$ 2,400	\$ 2,812	\$ 4,050	\$ 3,126	\$ 4,025	\$ 2,989	\$ 4,050	\$ 3,769	\$ 4,092	\$ 42	1.0%
03-507-50024. Benefits-Vacation & Sick Pay	\$ 2,000	\$ (59,253)	\$ 2,501	\$ 3,880	\$ 40,000	\$ 40,000	\$ -	\$ -	\$ -	\$ -	
03-507-50025. Benefits-Boots & Incentives	\$ -	\$ 458	\$ 2,430	\$ 600	\$ 2,415	\$ 2,835	\$ 2,475	\$ 2,475	\$ 7,642	\$ 5,167	208.8%
03-507-51003. Sewer Pipeline & Facilities	\$ 225,000	\$ 285,004	\$ 225,000	\$ 285,442	\$ 250,000	\$ 225,996	\$ 250,001	\$ 255,159	\$ 250,002	\$ 1	0.0%
03-507-51140. General Supplies & Expenses	\$ 1,000	\$ 1,468	\$ 1,000	\$ 70	\$ 500	\$ 1,082	\$ 1,000	\$ 882	\$ 502	\$ (498)	-49.8%
03-507-51241. Lift Station #1	\$ 70,000	\$ 72,934	\$ 55,000	\$ 68,596	\$ 52,500	\$ 56,569	\$ 52,001	\$ 93,257	\$ 52,502	\$ 501	1.0%
03-507-51242. Lift Station #2	\$ 30,000	\$ 17,200	\$ 14,000	\$ 17,406	\$ 18,000	\$ 18,767	\$ 18,001	\$ 27,866	\$ 18,002	\$ 1	0.0%
03-507-51243. Lift Station #3	\$ 15,000	\$ 10,092	\$ 9,000	\$ 3,962	\$ 3,200	\$ 5,171	\$ 6,200	\$ 13,704	\$ 3,202	\$ (2,998)	-48.4%
03-507-51244. Lift Station #4	\$ 50,000	\$ 13,943	\$ 14,500	\$ 9,880	\$ 9,500	\$ 20,405	\$ 9,501	\$ 14,864	\$ 9,502	\$ 1	0.0%
03-507-51246. Lift Station #6	\$ -	\$ 3,749	\$ 10,000	\$ 7,931	\$ 5,000	\$ 6,548	\$ 5,001	\$ 8,187	\$ 5,002	\$ 1	0.0%
03-507-51248. Lift Station #8	\$ 3,000	\$ 7,092	\$ 3,000	\$ 10,955	\$ 2,500	\$ 2,030	\$ 2,501	\$ 945	\$ 2,502	\$ 1	0.0%
03-507-54012. Education & Training	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 250	\$ 5,428	\$ -	\$ 5,428	\$ -	0.0%
03-507-54025. Telephone & Internet	\$ 66,000	\$ -	\$ -	\$ -	\$ -	\$ 1,768	\$ -	\$ 1,536	\$ 1,536	\$ 1,536	
03-507-54110. Laboratory Services	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 95,253	\$ -	\$ -	
03-507-54111. Pretreatment	\$ -	\$ 57,152	\$ 60,000	\$ 53,579	\$ 50,000	\$ 57,756	\$ 55,000	\$ 67,491	\$ 50,002	\$ (4,998)	-9.1%
	\$ 1,256,122	\$ 990,744	\$ 1,332,963	\$ 1,284,308	\$ 1,382,316	\$ 1,336,379	\$ 1,318,555	\$ 1,522,023	\$ 1,394,057	\$ 75,502	5.7%

Sewer Division – Environmental Control Department

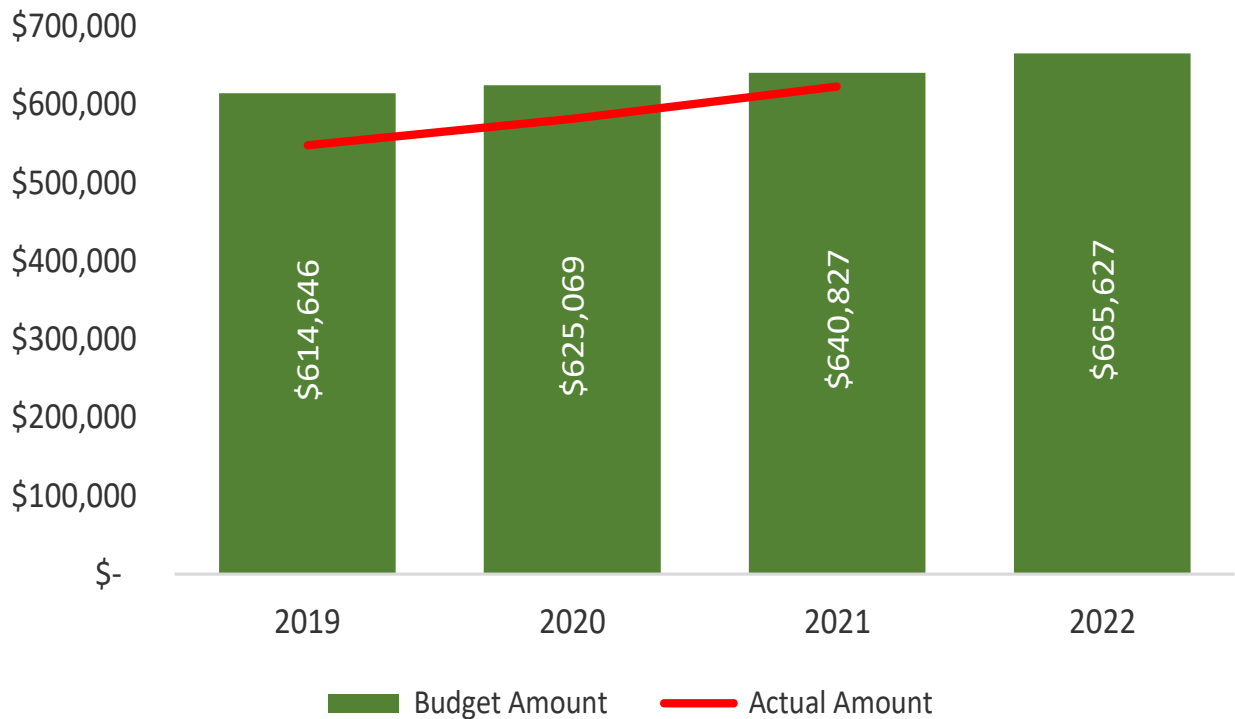
03-507-500xx

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	2017-18 Actual	2018-19 Actual	2019-20 Actual	2020-21 Projected	2021-22 Budget
03-507-50009. Labor - Overtime	\$ -	\$ -	\$ 22,617	\$ 25,246	\$ 26,886
03-507-50010. Labor	\$ 386,212	\$ 548,192	\$ 559,345	\$ 598,150	\$ 638,741
	<u>\$ 386,212</u>	<u>\$ 548,192</u>	<u>\$ 581,962</u>	<u>\$ 623,396</u>	<u>\$ 665,627</u>

Budget vs. Actual



Sewer Division – Environmental Control Department

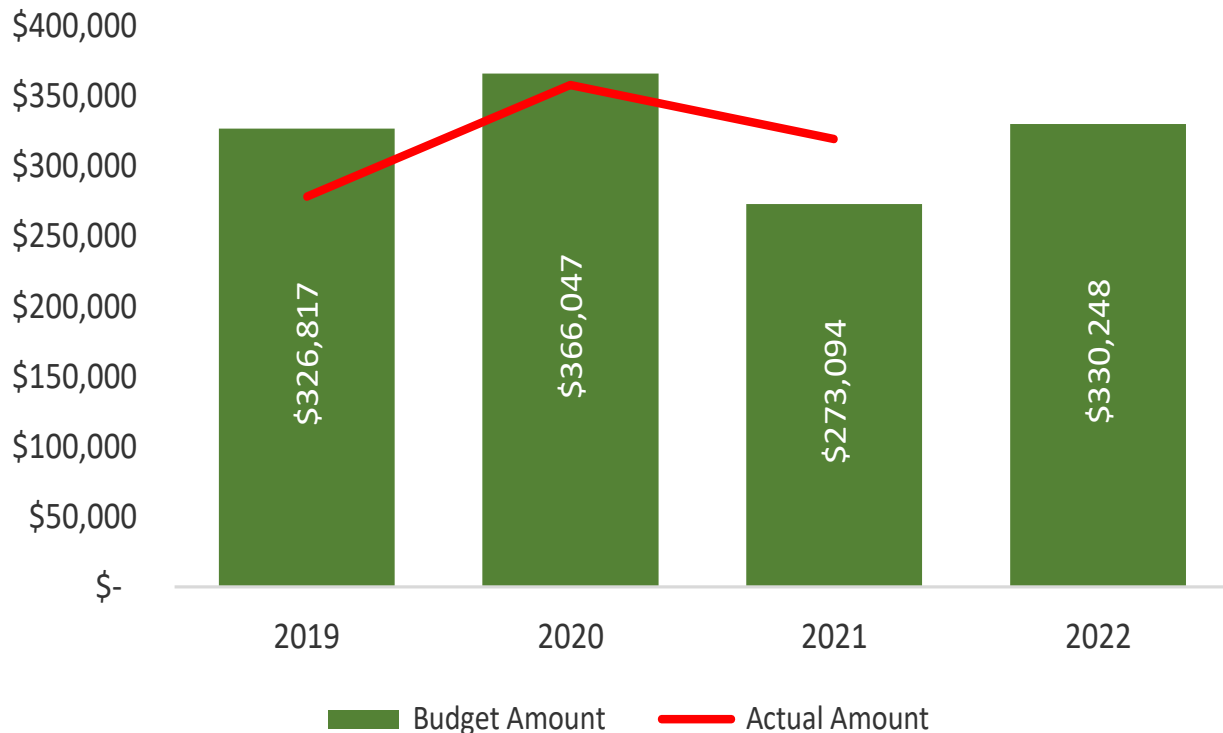
03-507-500xx

Benefits

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

Account	2017-18 Actual	2018-19 Actual	2019-20 Actual	2020-21 Projected	2021-22 Budget
03-507-50013. Benefits-FICA	\$ 29,798	\$ 42,533	\$ 49,632	\$ 49,197	\$ 64,062
03-507-50014. Benefits-Life Insurance	\$ 775	\$ 1,189	\$ 1,360	\$ 1,243	\$ 2,916
03-507-50016. Benefits-Health & Def Comp	\$ 99,212	\$ 164,365	\$ 185,338	\$ 174,014	\$ 170,859
03-507-50017. Benefits-Disability Insurance	\$ 5,006	\$ 7,815	\$ 8,819	\$ 8,585	\$ 14,907
03-507-50019. Benefits-Workers Compensatio	\$ 22,360	\$ 22,191	\$ 24,065	\$ 34,643	\$ 15,250
03-507-50021. Benefits-PERS Employee	\$ 9,575	\$ (4,506)	\$ -	\$ (454)	\$ -
03-507-50022. Benefit-PERS Employer	\$ 25,155	\$ 37,103	\$ 43,035	\$ 46,011	\$ 50,520
03-507-50023. Benefits-Uniforms	\$ 2,812	\$ 3,126	\$ 2,989	\$ 3,769	\$ 4,092
03-507-50024. Benefits-Vacation & Sick Pay	\$ (59,253)	\$ 3,880	\$ 40,000	\$ -	\$ -
03-507-50025. Benefits-Boots & Incentives	\$ 458	\$ 600	\$ 2,835	\$ 2,475	\$ 7,642
	\$ 135,897	\$ 278,295	\$ 358,074	\$ 319,483	\$ 330,248

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. This includes ADS Flow Monitors, repair of manholes, sewer mainlines, trench failures, service laterals and force mainlines.

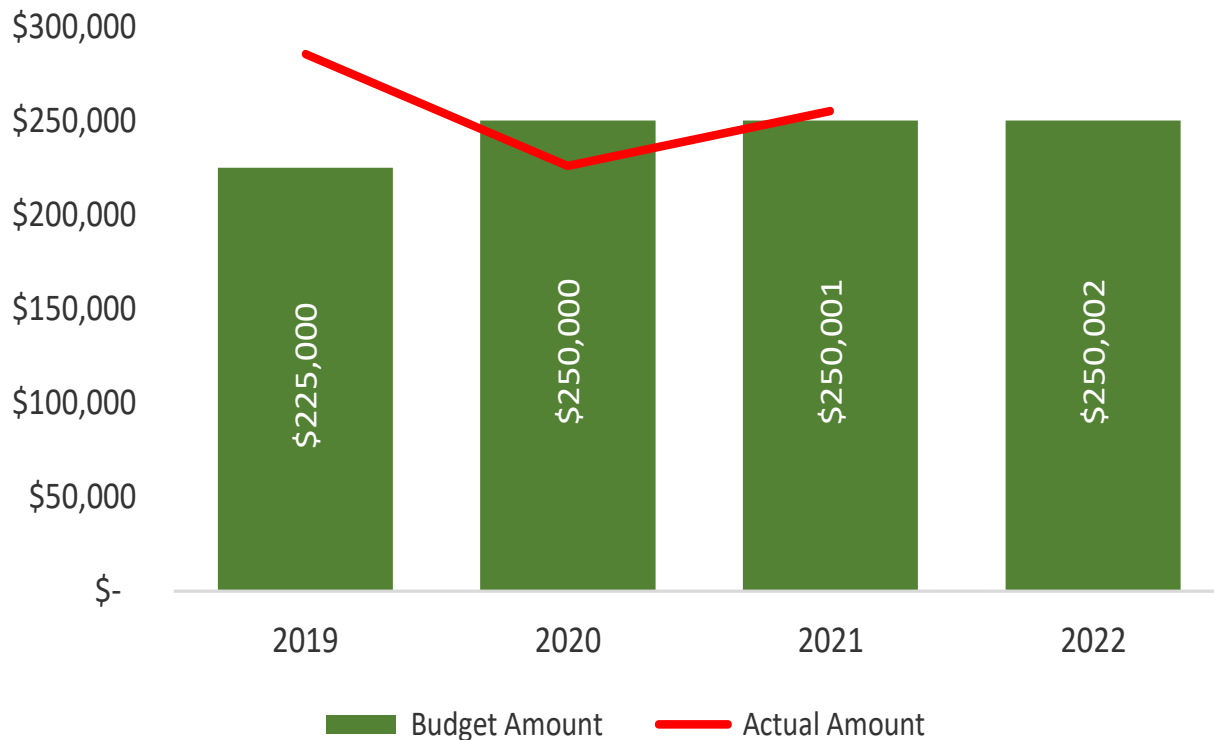
Line Item

Detail:

Video Inspections	\$ 75,000
Manhole Repairs	\$ 50,000
ADS Flow Monitors	\$ 48,000
Roadway Subsidence Repair – Water Division labor and benefits, materials, equipment and contractor paving services.	\$ 47,000
Root Intrusion Control	\$ 30,002
Total	\$250,002

2017-18 Actual	2018-19 Actual	2019-20 Actual	2020-21 Projected	2021-22 Budget
\$ 285,004	\$ 285,442	\$ 225,996	\$ 255,159	\$ 250,002

Budget vs. Actual



Sewer Division – Environmental Control Department

03-507-51140

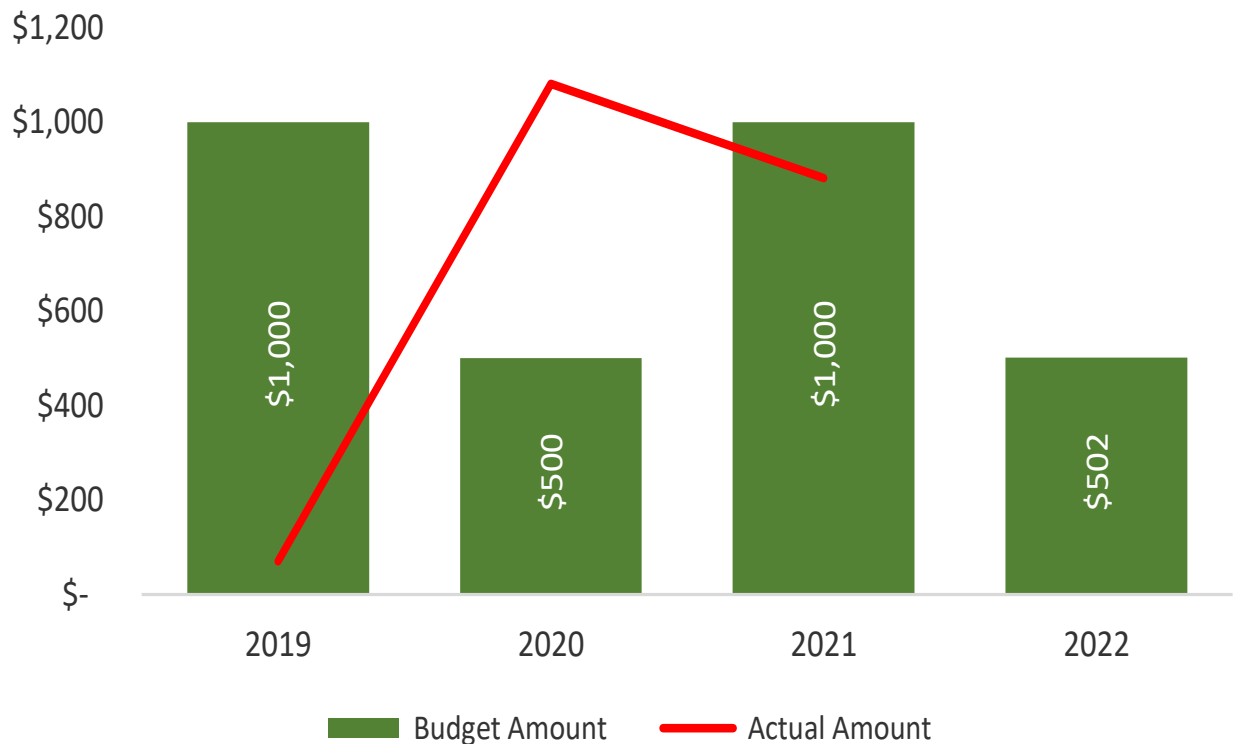
General Supplies & Expenses

This budget includes the miscellaneous supplies and expenses related to the operation of the Environmental Control Department.

2017-18 Actual	2018-19 Actual	2019-20 Actual	2020-21 Projected
\$ 1,468	\$ 70	\$ 1,082	\$ 882

2021-22 Budget
\$ 502

Budget vs. Actual



Sewer Division – Environmental Control Department

03-507-51241

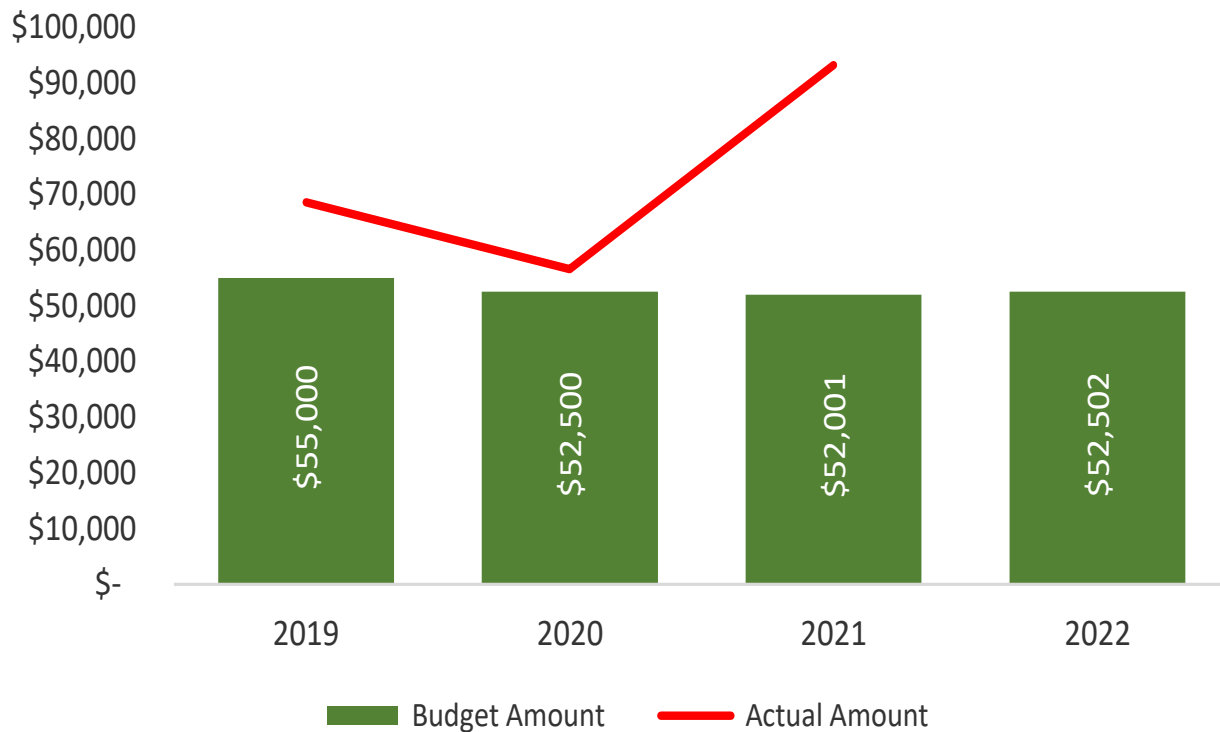
Lift Station No. 1

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.

2017-18 Actual	2018-19 Actual	2019-20 Actual	2020-21 Projected
\$ 72,934	\$ 68,596	\$ 56,569	\$ 93,257

2021-22 Budget
\$ 52,502

Budget vs. Actual



Sewer Division – Environmental Control Department

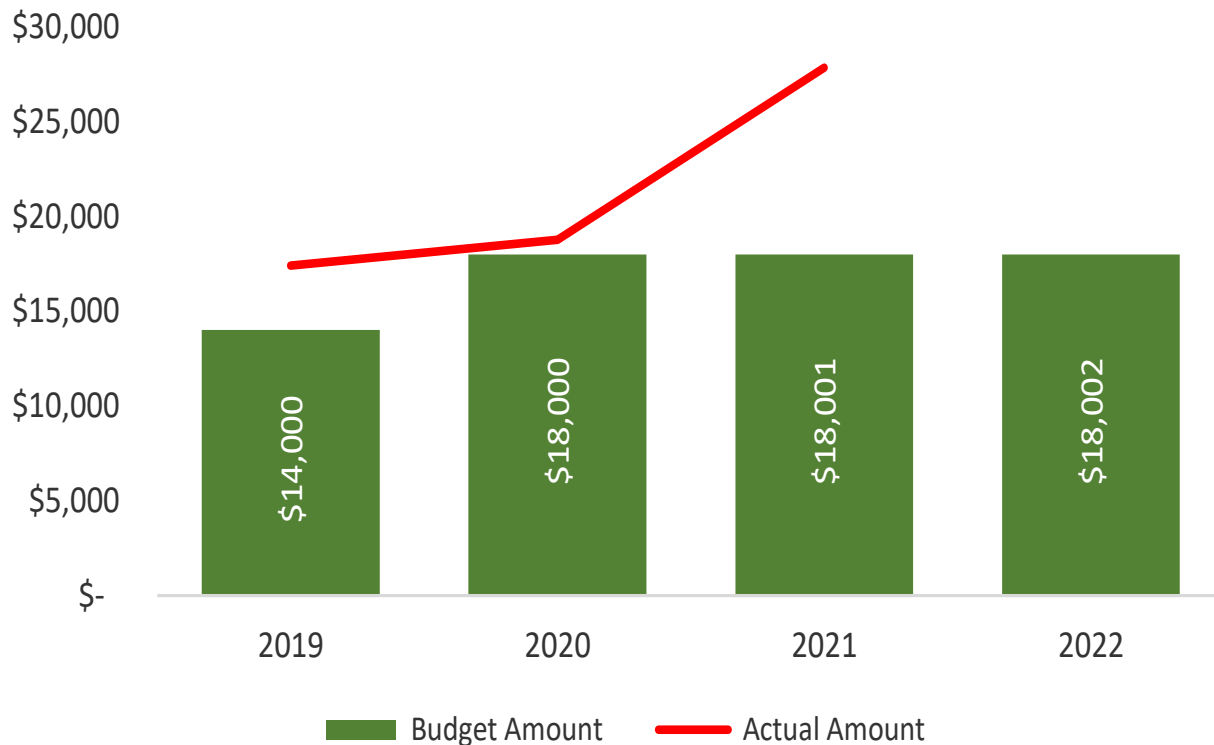
03-507-51242

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.

2017-18 Actual	2018-19 Actual	2019-20 Actual	2020-21 Projected	2021-22 Budget
\$ 17,200	\$ 17,406	\$ 18,767	\$ 27,866	\$ 18,002

Budget vs. Actual



Sewer Division – Environmental Control Department

03-507-51243

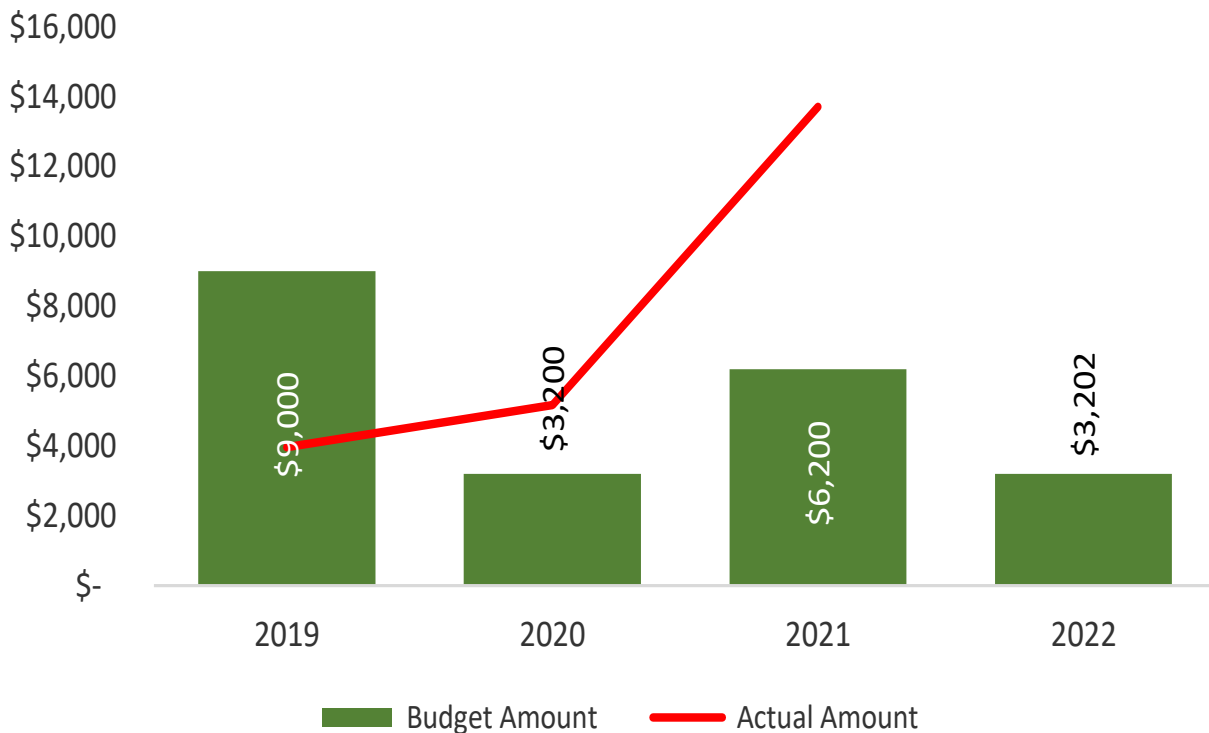
Lift Station No. 3

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.

2017-18 Actual	2018-19 Actual	2019-20 Actual	2020-21 Projected
\$ 10,092	\$ 3,962	\$ 5,171	\$ 13,704

2021-22 Budget
\$ 3,202

Budget vs. Actual



Sewer Division – Environmental Control Department

03-507-51244

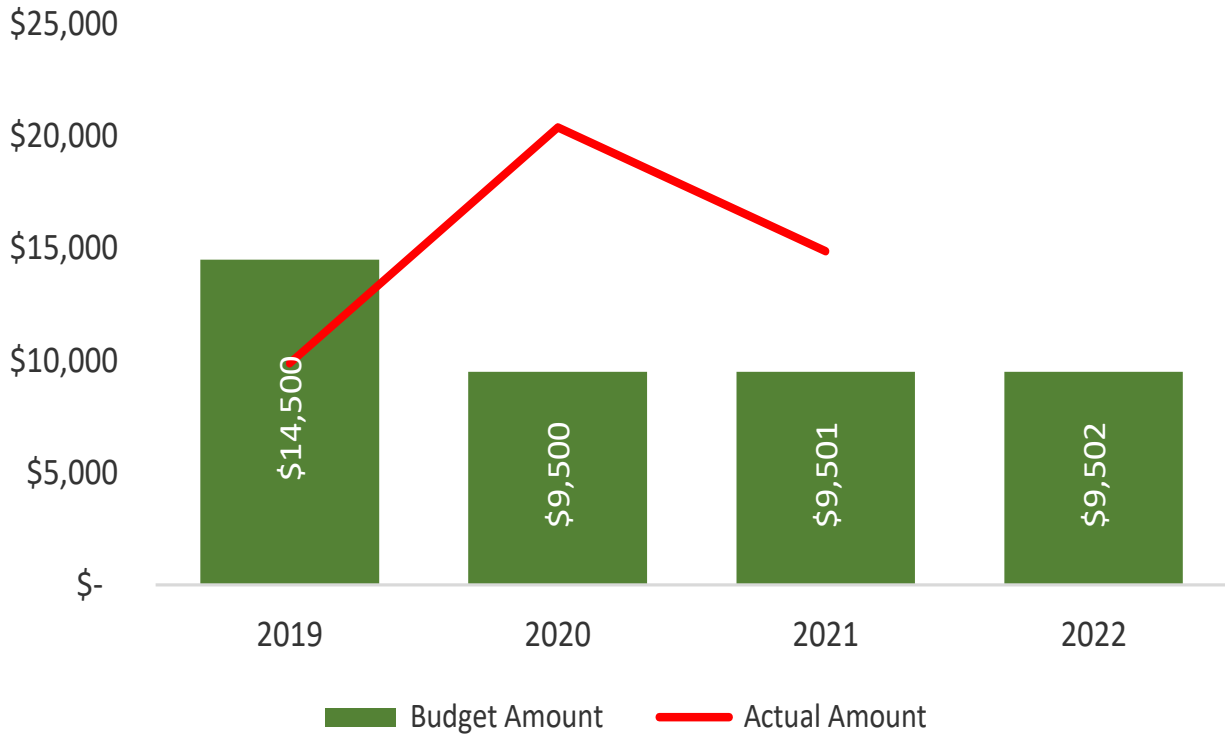
Lift Station No. 4

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.

2017-18 Actual	2018-19 Actual	2019-20 Actual	2020-21 Projected
\$ 13,943	\$ 9,880	\$ 20,405	\$ 14,864

2021-22 Budget
\$ 9,502

Budget vs. Actual



Sewer Division – Environmental Control Department

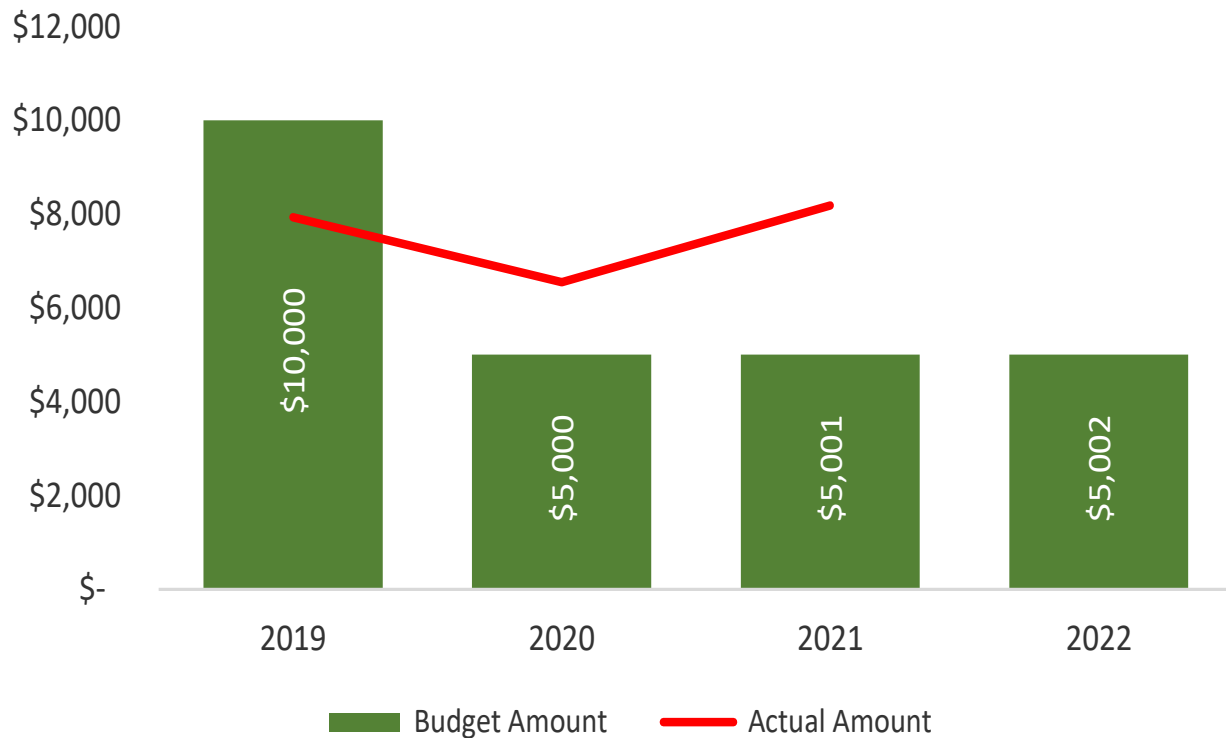
03-507-51246

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.

2017-18 Actual	2018-19 Actual	2019-20 Actual	2020-21 Projected	2021-22 Budget
\$ 3,749	\$ 7,931	\$ 6,548	\$ 8,187	\$ 5,002

Budget vs. Actual



Sewer Division – Environmental Control Department

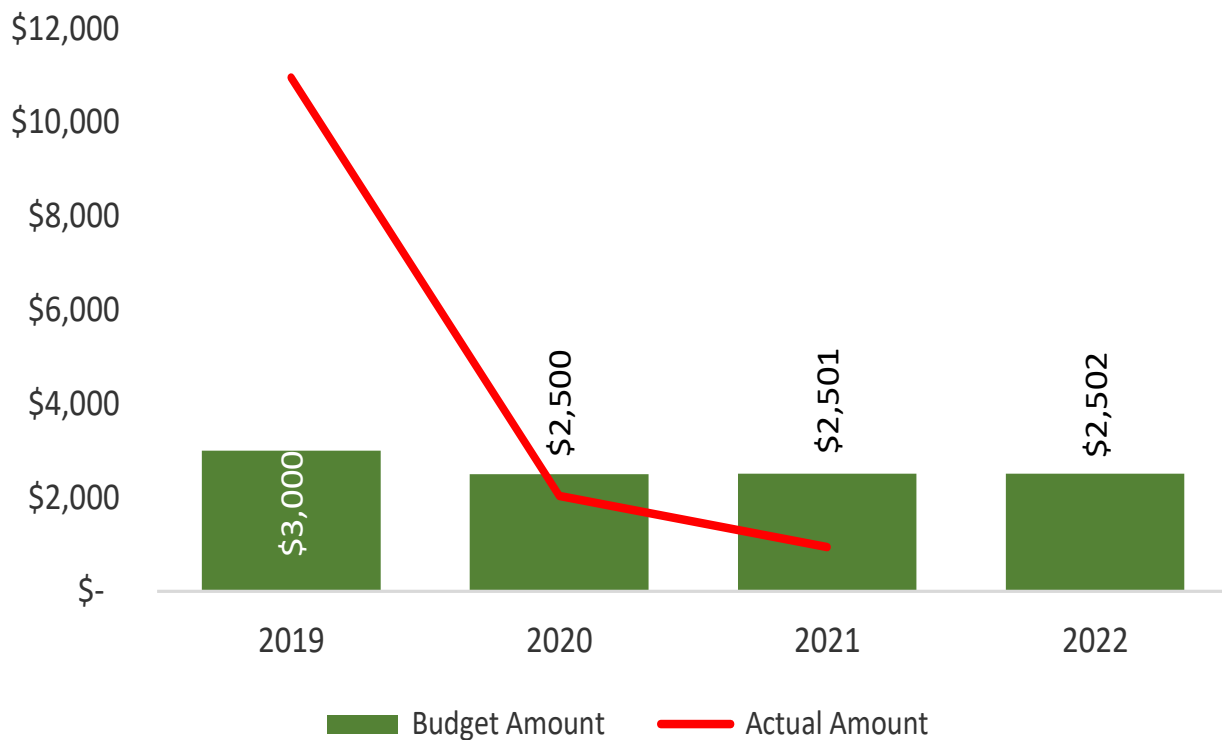
03-507-51248

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.

2017-18 Actual	2018-19 Actual	2019-20 Actual	2020-21 Projected	2021-22 Budget
\$ 7,092	\$ 10,955	\$ 2,030	\$ 945	\$ 2,502

Budget vs. Actual



Sewer Division – Environmental Control Department

03-507-54012

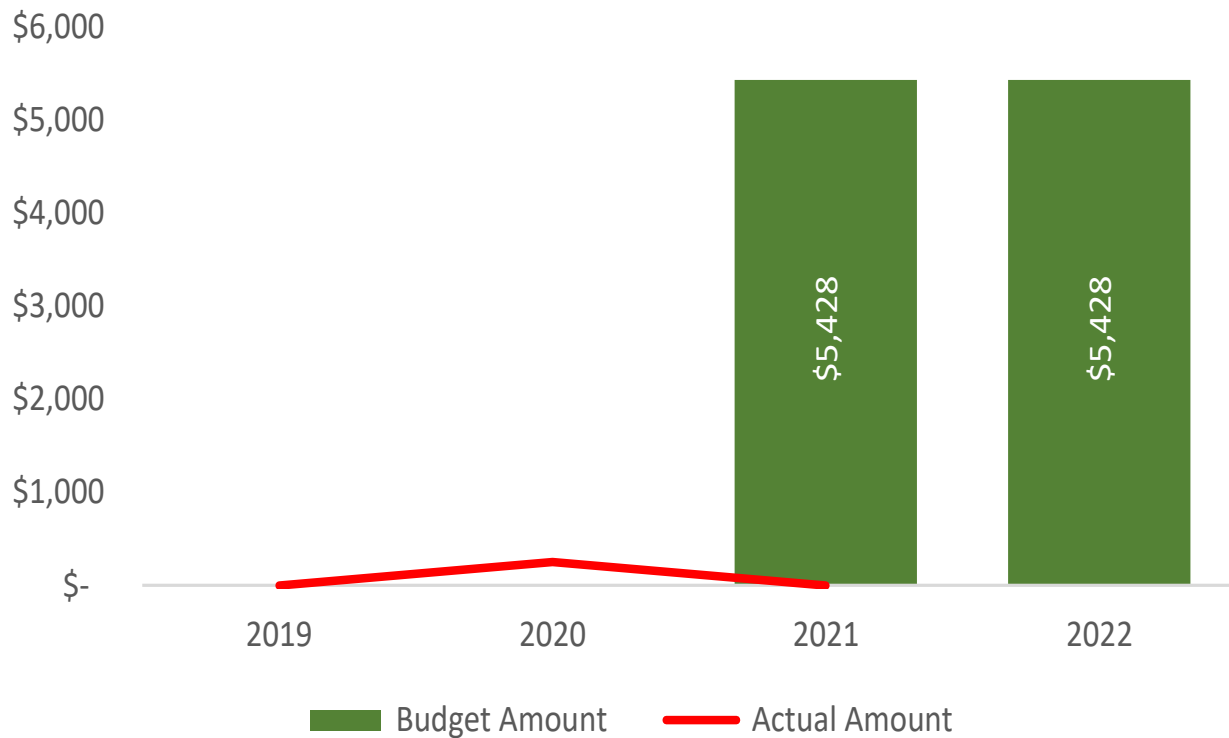
Education & Training

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).

2017-18 Actual	2018-19 Actual	2019-20 Actual	2020-21 Projected
\$ -	\$ -	\$ 250	\$ -

2021-22 Budget
\$ 5,428

Budget vs. Actual



Sewer Division – Environmental Control Department

03-507-54012

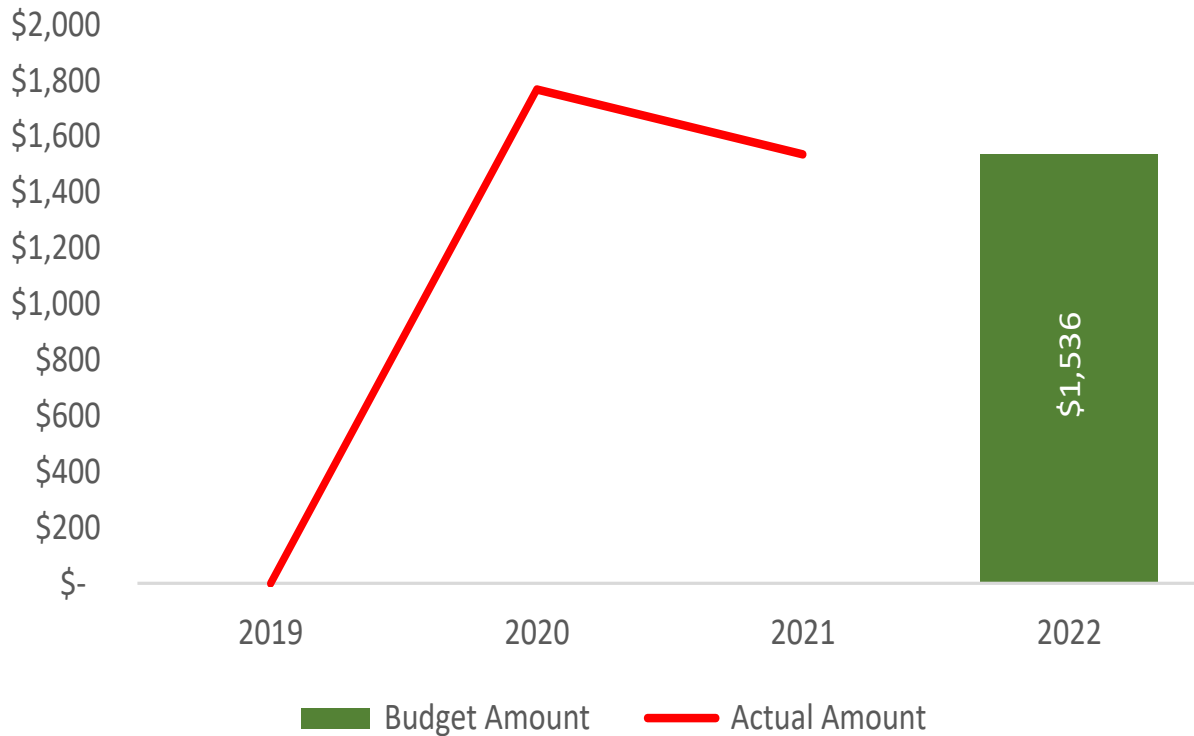
Telephone & Internet

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

2017-18 Actual	2018-19 Actual	2019-20 Actual	2020-21 Projected
\$ -	\$ -	\$ 1,768	\$ 1,536

2021-22 Budget
\$ 1,536

Budget vs. Actual



Sewer Division – Environmental Control Department

03-507-54111

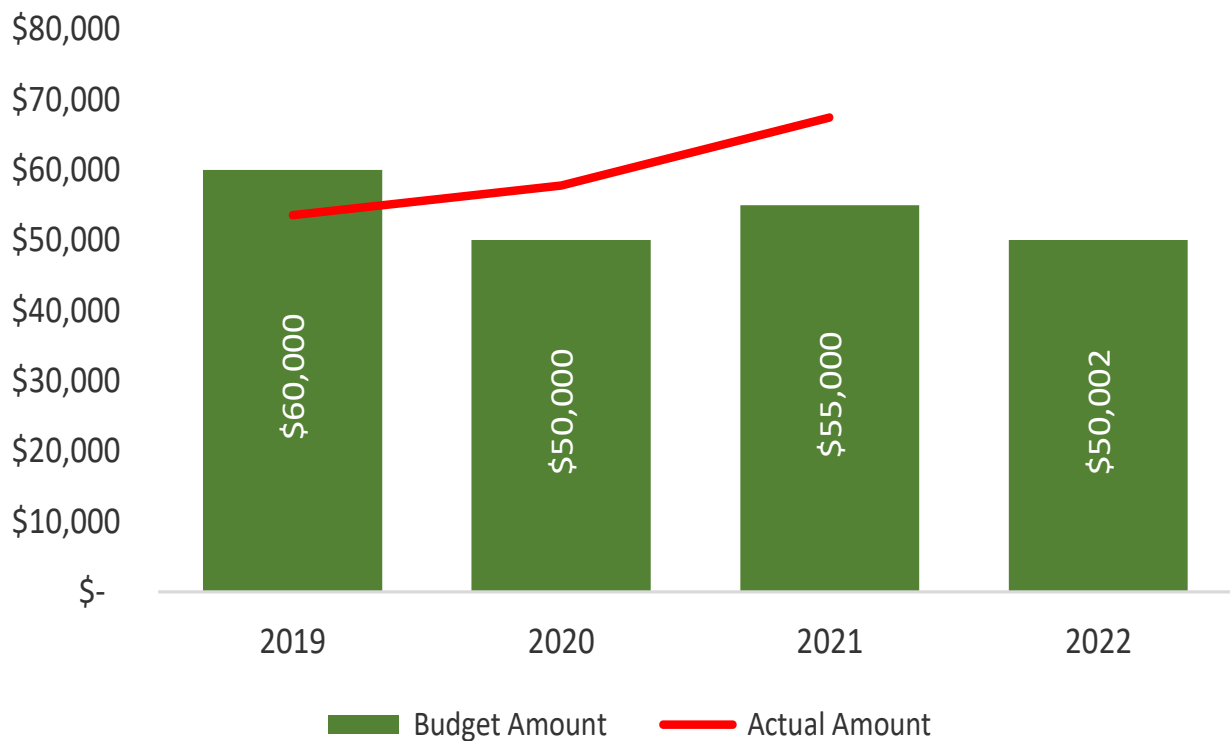
Pretreatment

This budget category represents the annual projected costs associated with pretreatment for the Sewer Division. This category includes laboratory services and engineering studies.

This budget line item was new in fiscal year 2016-17. The history totals are a combination of Professional Services (03-507-54109) and Laboratory Services (03-507-54110) from prior years.

2017-18 Actual	2018-19 Actual	2019-20 Actual	2020-21 Projected	2021-22 Budget
\$ 57,152	\$ 53,579	\$ 57,756	\$ 67,491	\$ 50,002

Budget vs. Actual

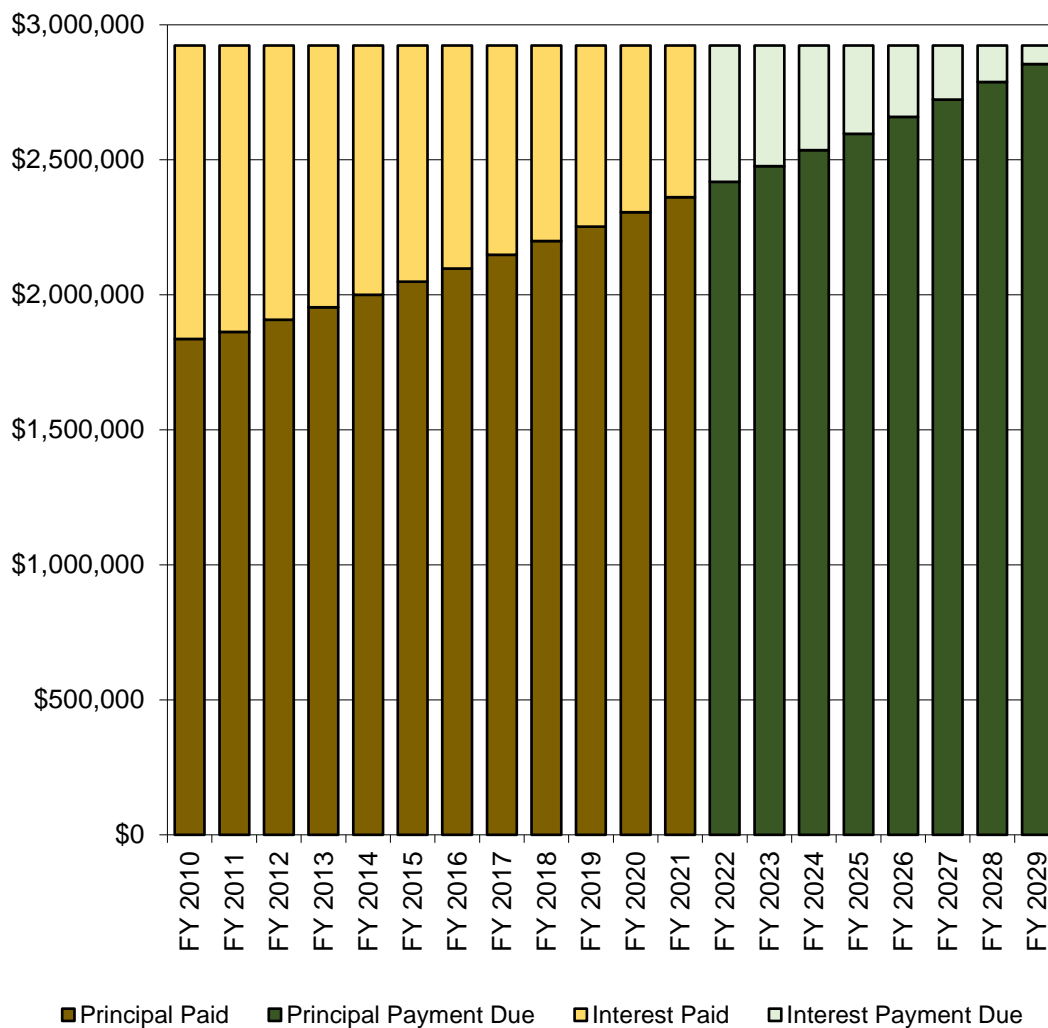


Sewer Division Debt Service

Department Description – The Sewer Debt Service expenditures are associated with the State Revolving Fund (SRF) loan for the expansion and upgrade of the Wochholz Regional Water Recycling Facility and various recycled water facilities. In fiscal year 2020-21, the District released an RFP for the potential refinancing of existing debt. District staff will continue to explore this possibility in fiscal year 2021-22.

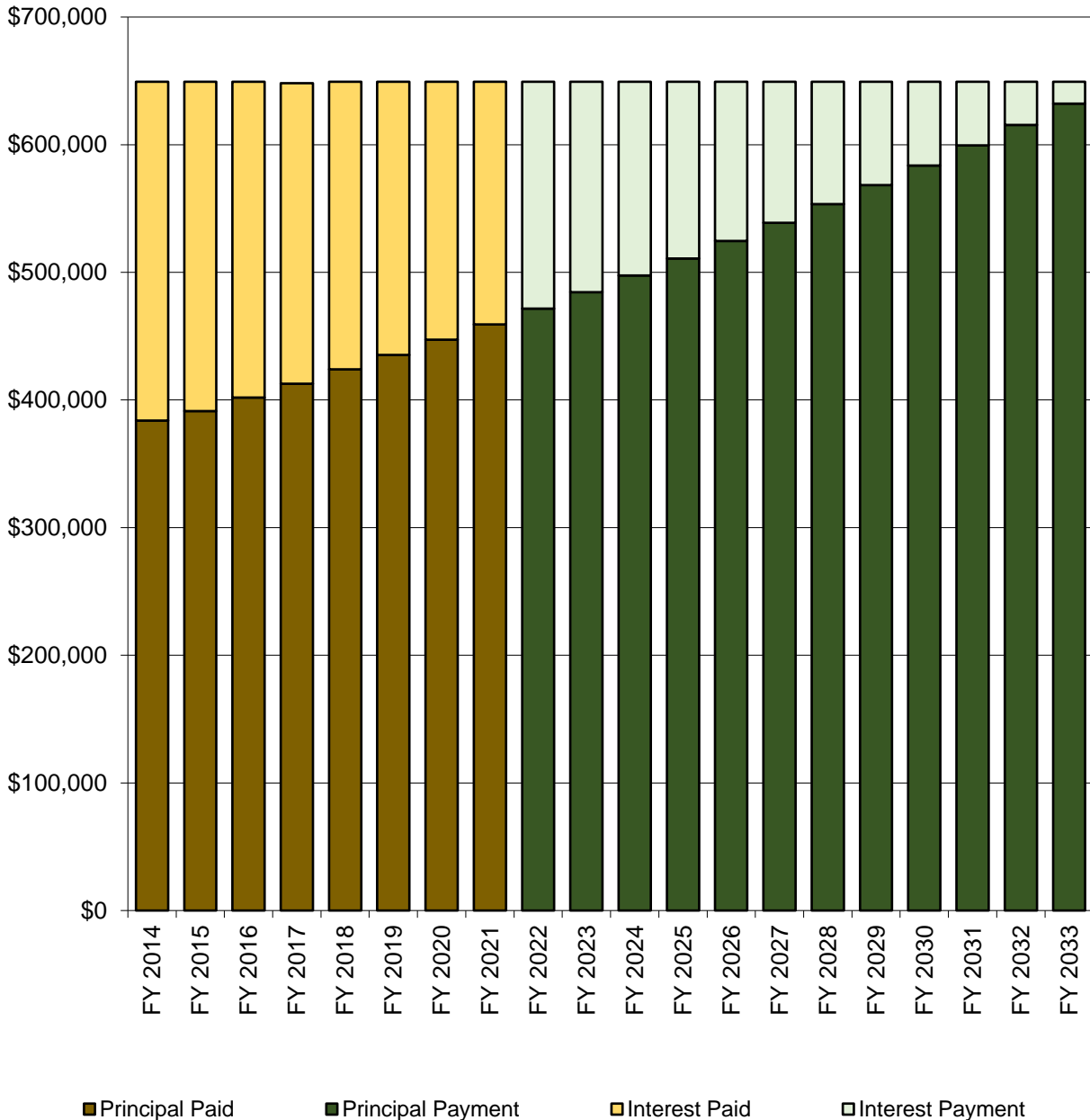
Background of Debt Issuance

Wochholz Regional Water Recycling Facility Expansion - The Yucaipa Valley Water District has secured a \$44,748,356 low interest loan (2.4% interest rate) for the expansion and upgrade of the Wochholz Regional Water Recycling Facility. The District received full disbursement of the loan fund in fiscal year 2009 and annual repayment of \$2,923,669 started in fiscal year 2010 based on the following schedule:



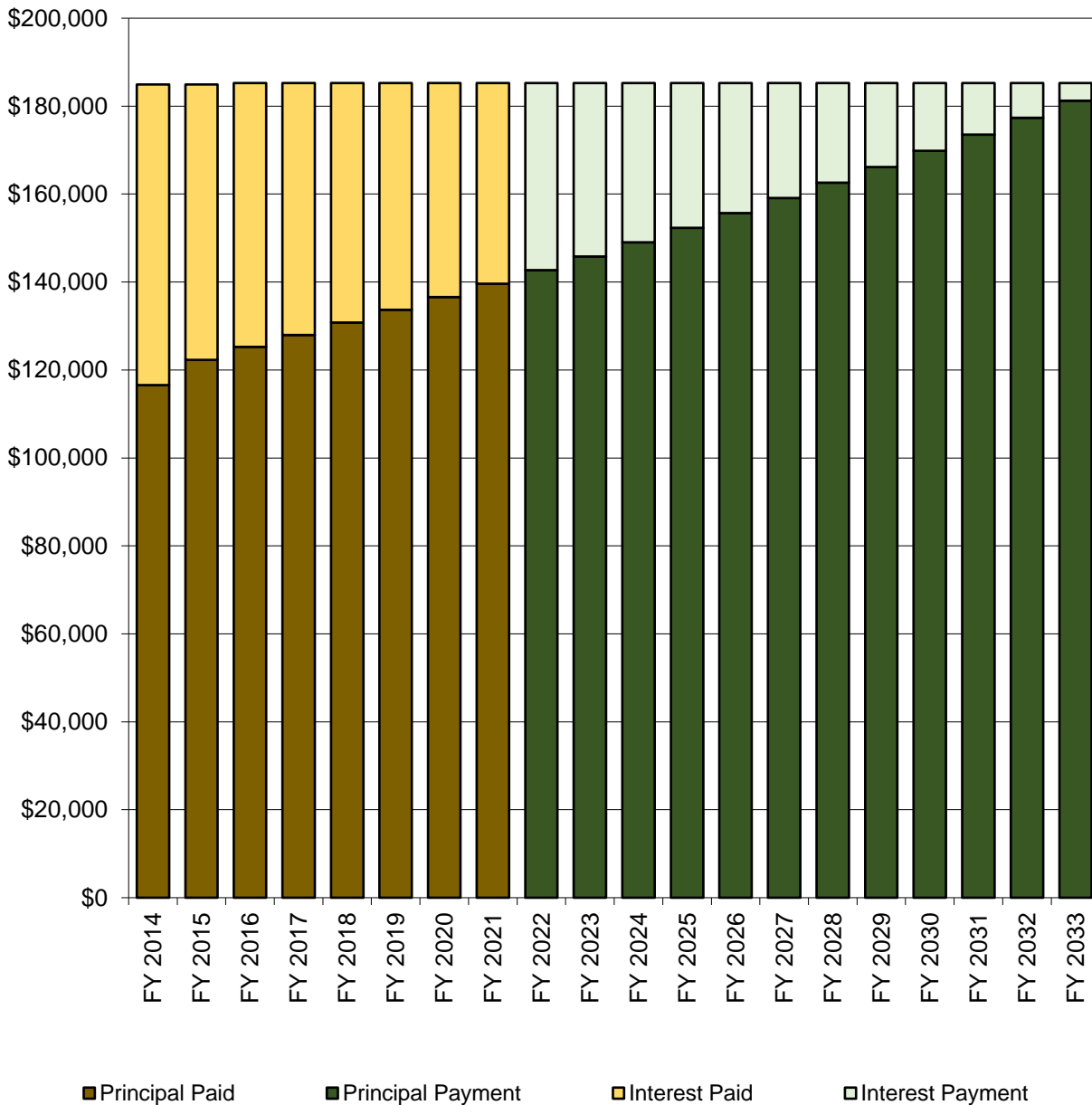
The annual loan payments are due on September 10th. The loan extends until September 10, 2028.

Yucaipa Valley Regional Brinline – The Yucaipa Valley Water District has secured a \$9,752,100 low interest loan (2.7% interest rate) for the construction of the Yucaipa Valley Regional Brinline. The construction cost for this facility was \$19,706,156 which was also funded by several grants and cash. The District received full disbursement of the loan fund in fiscal year 2013 and annual repayment of \$649,274 started in fiscal year 2014 based on the following schedule:



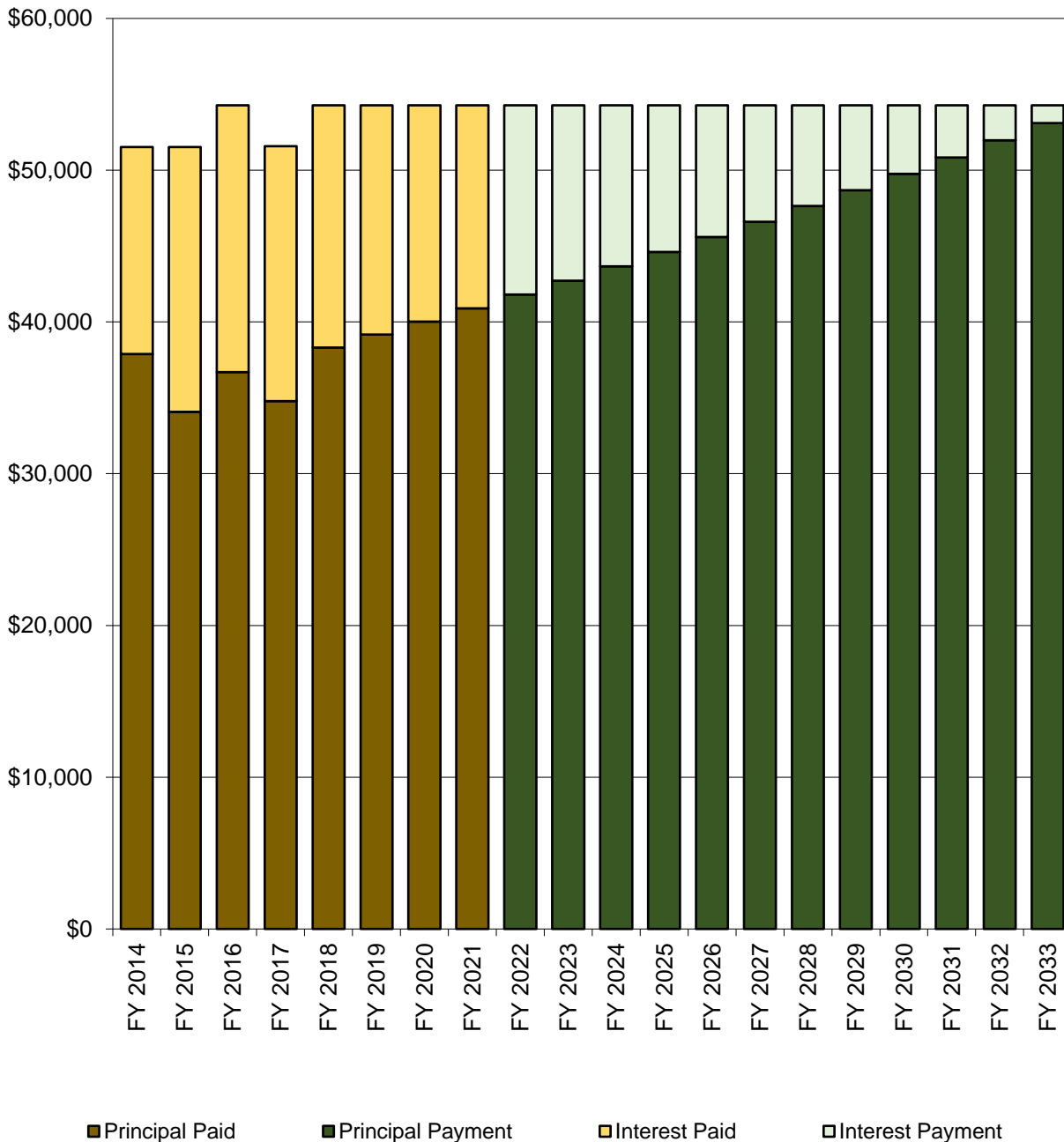
The annual loan payments are due on December 31st. The loan extends until December 31, 2032.

Wochholz Improved Salinity Effluent Project (W.I.S.E.) – The Yucaipa Valley Water District has secured a \$2,988,095 low interest loan (2.2% interest rate) for the construction of the reverse osmosis equipment at the Wochholz Regional Water Recycling Facility to achieve compliance with the Regional Water Quality Control Board Basin Plan objectives. The construction cost for this facility was \$5,003,170 which was also funded by grants and cash. The District received full disbursement of the loan fund in fiscal year 2015 and annual repayment of \$185,251 started in fiscal year 2014 based on the following schedule:



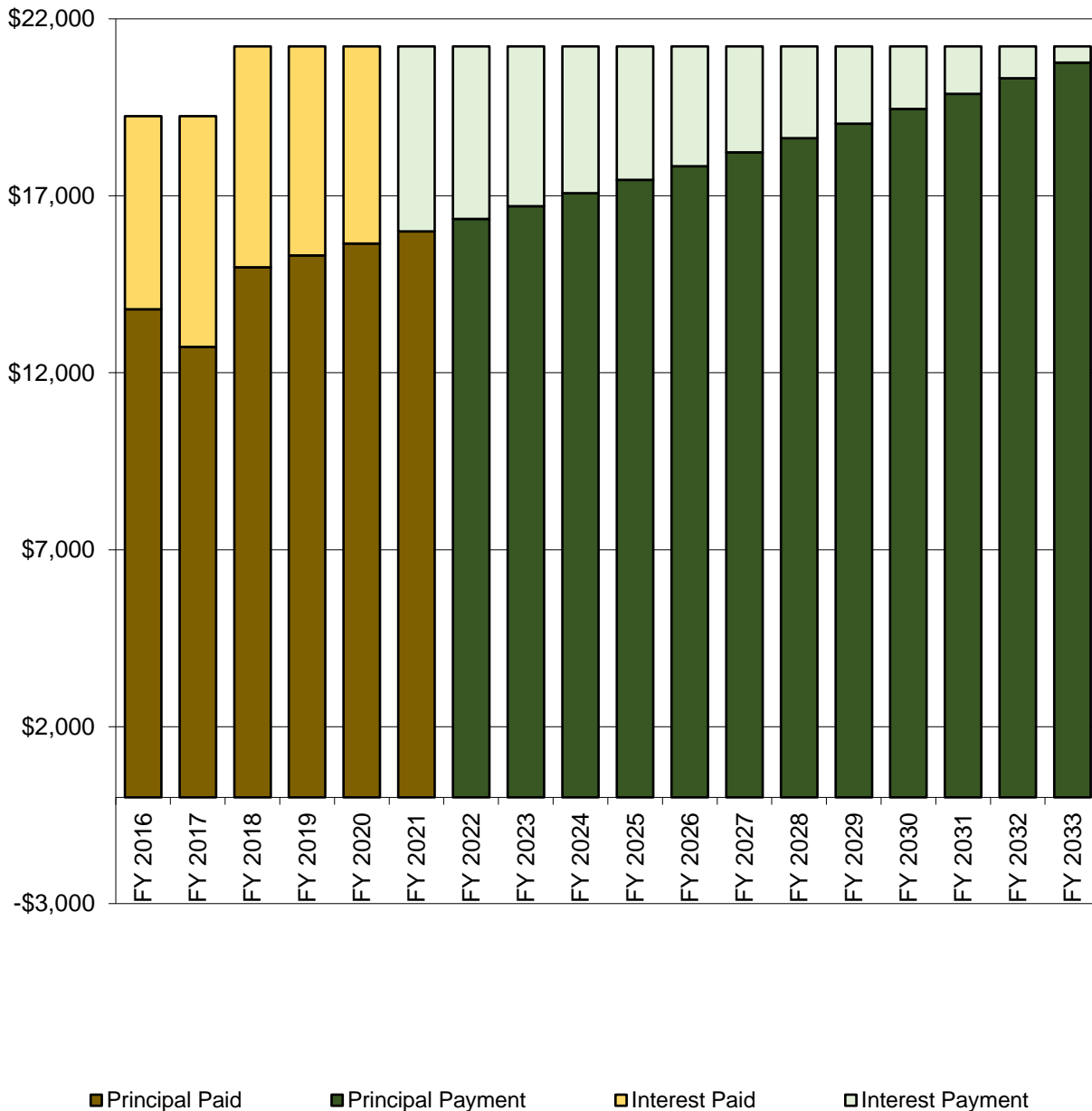
The annual loan payments are due on March 31st. The loan extends until March 31, 2033.

Recycled Water Reservoir R-10.3 – The Yucaipa Valley Water District has secured a \$871,570 low interest loan (2.2% interest rate) for the construction of the Recycled Water Reservoir Complex R-10.3. The construction cost for this facility was \$4,177,087 which was also funded by grants and cash. The District received full disbursement of the loan fund in fiscal year 2014 and annual repayment of \$54,277 started in fiscal year 2014 based on the following schedule:



The annual loan payments are due on March 31st. The loan extends until March 31, 2033.

Crow Street Recycled Water Pipeline and Booster B-12.1 – The Yucaipa Valley Water District has secured a \$310,179 low interest loan (2.2% interest rate) for the construction of the Crow Street Recycled Water Pipeline and Recycled Water Booster Station B-12.1. The construction cost for this facility was \$2,972,167 which was also funded by grants and cash. The District received full disbursement of the loan fund in fiscal year 2015 and annual repayment of \$19,254 started in fiscal year 2016. In fiscal year 2018, the annual repayment was revised to benefit the District by keeping this loan on the same payment schedule as two other loans. This revised the annual repayment to \$21,223 based on the following schedule:



The annual loan payments are due on March 31st. The loan extends until March 31, 2033.

Sewer Division – Debt Service

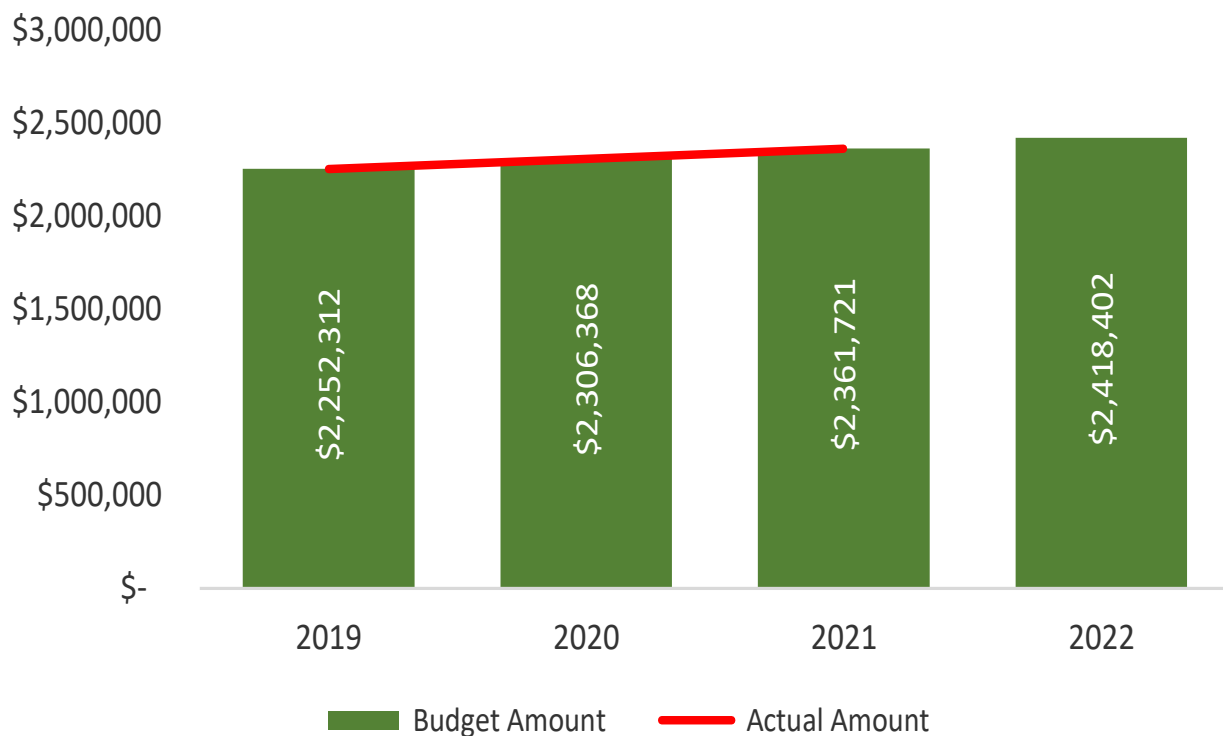
03-540-57202

Debt Service Principal - WRWRF

This budget category is used for expenses related to the principal payment of the State Revolving Fund Loan for the Wochholz Regional Water Recycling Facility. Prior debt service payments were related to the 1995 Refunding Bonds for the construction of the tertiary treatment facilities.

2017-18 Actual	2018-19 Actual	2019-20 Actual	2020-21 Projected	2021-22 Budget
\$ -	\$ 2,252,312	\$ 2,306,368	\$ 2,361,721	\$ 2,418,402

Budget vs. Actual



Sewer Division – Debt Service

03-540-57203

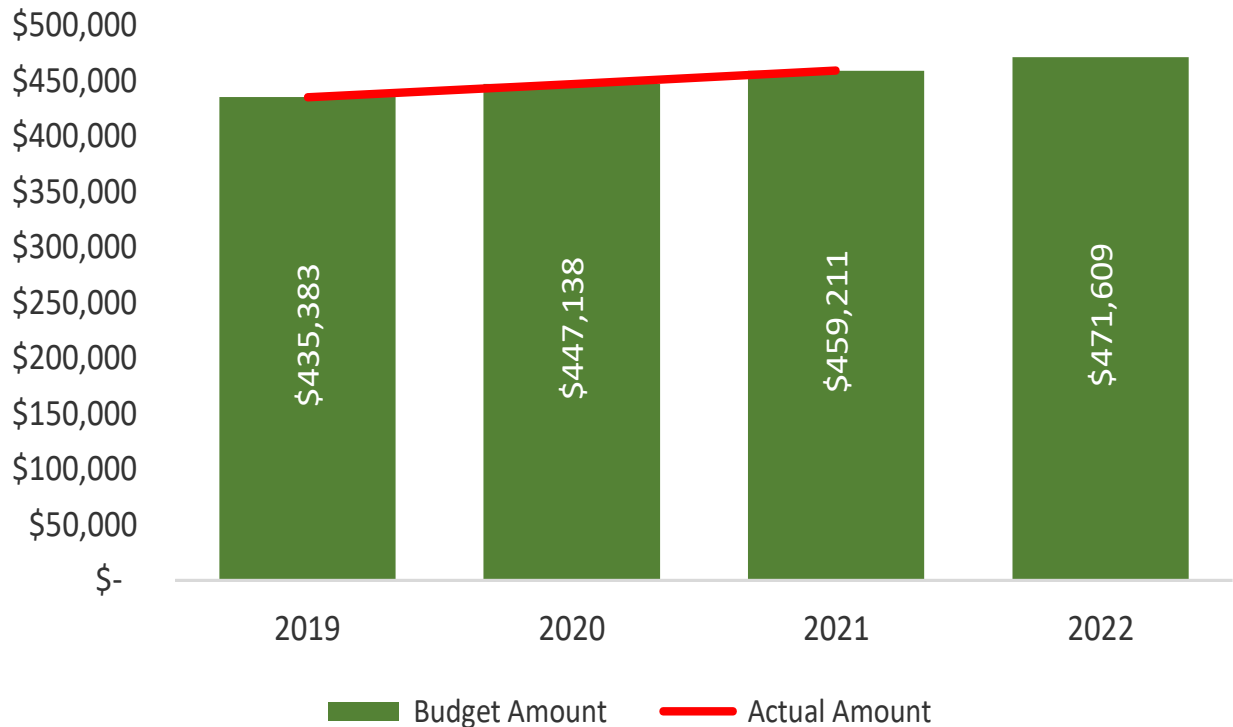
Debt Service Principal - Brineline

This budget category is used for expenses related to the principal payment of the State Revolving Fund Loan for the Brineline facility.

2017-18 Actual	2018-19 Actual	2019-20 Actual	2020-21 Projected
\$ -	\$ 435,383	\$ 447,138	\$ 459,211

2021-22 Budget
\$ 471,609

Budget vs. Actual



Sewer Division – Debt Service

03-540-57204

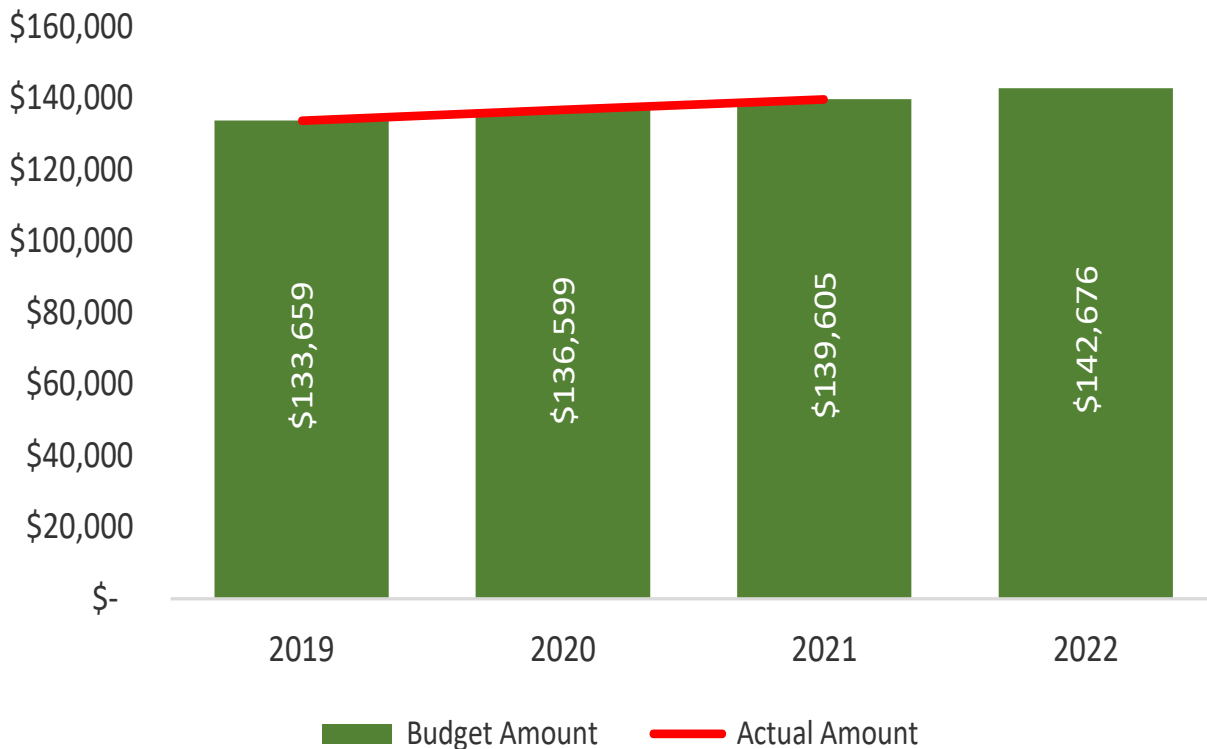
Debt Service Principal – W.I.S.E.

This budget category is used for expenses related to the principal payment of the State Revolving Fund Loan for the Wochholz Improved Salinity Effluent (WISE) Project.

2017-18 Actual	2018-19 Actual	2019-20 Actual	2020-21 Projected
\$ -	\$ 133,659	\$ 136,599	\$ 139,605

2021-22 Budget
\$ 142,676

Budget vs. Actual



Sewer Division – Debt Service

03-540-57205

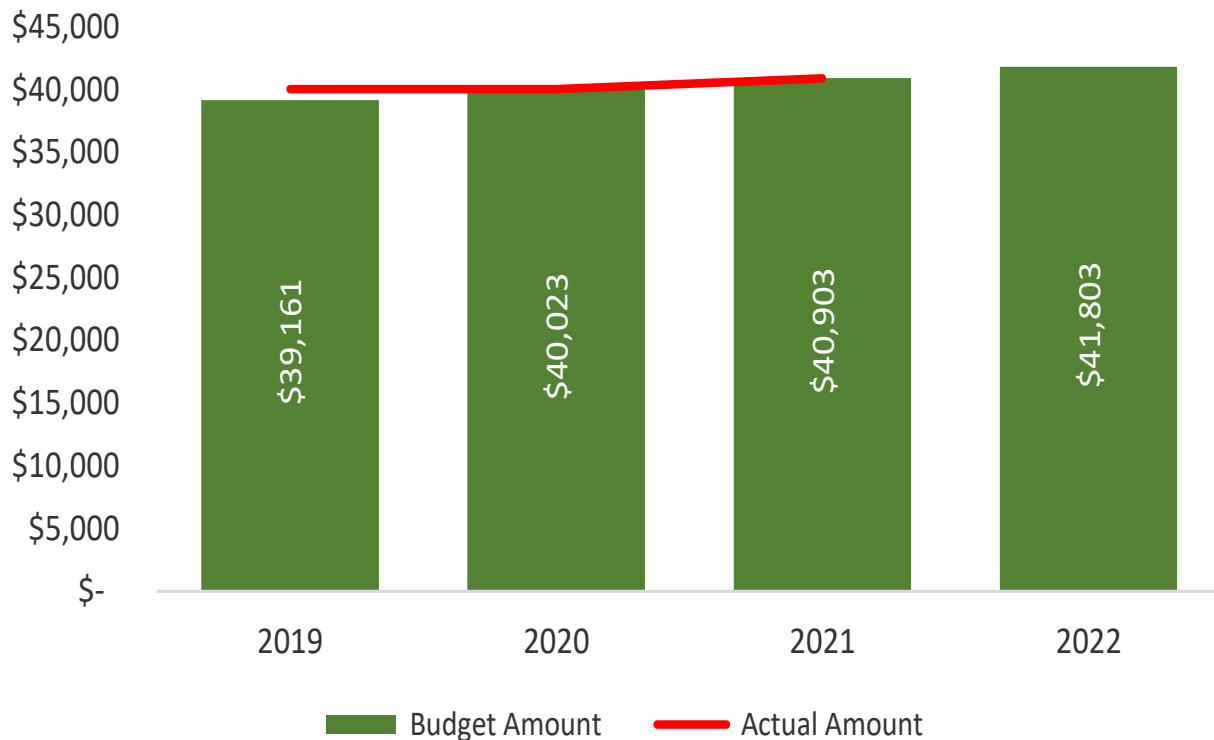
Debt Service Principal – R 10.3 & Booster Station

This budget category is used for expenses related to the principal payment of the State Revolving Fund Loan for the Reservoir R 10.3 & Booster Station Project.

2017-18 Actual	2018-19 Actual	2019-20 Actual	2020-21 Projected
\$ -	\$ 40,023	\$ 40,023	\$ 40,903

2021-22 Budget
\$ 41,803

Budget vs. Actual



Sewer Division – Debt Service

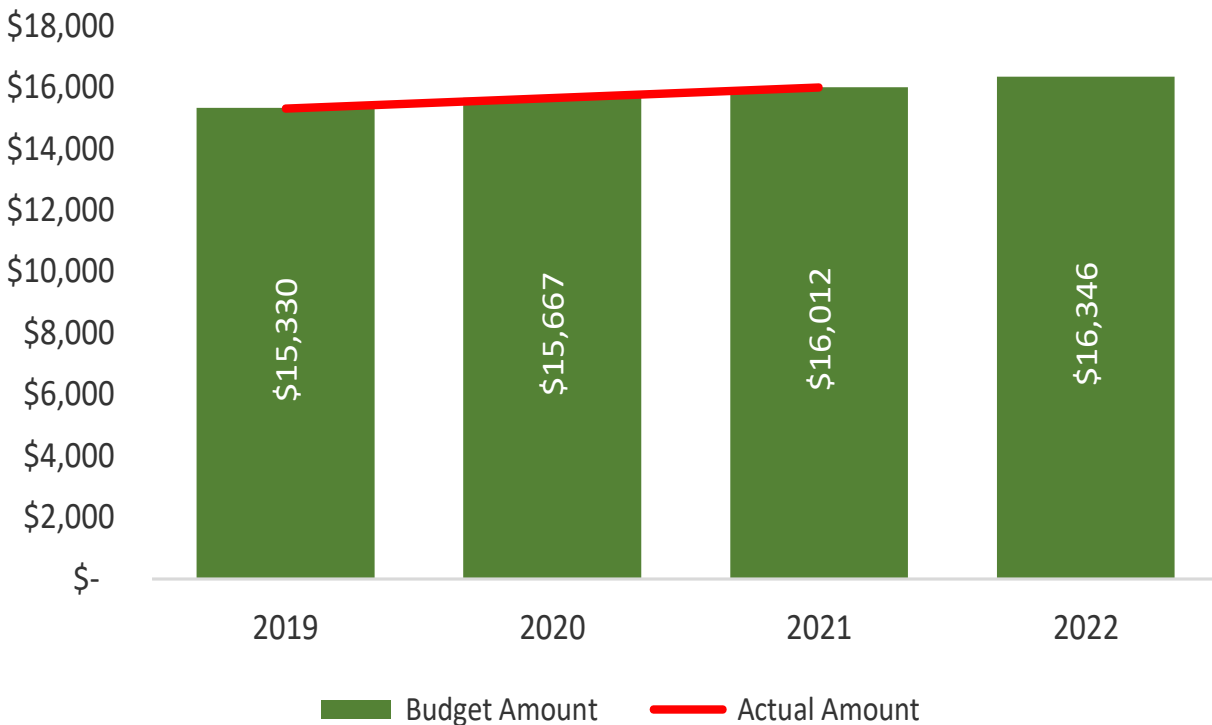
03-540-57206

Debt Service Principal – Crow Street & B-12.1

This budget category is used for expenses related to the principal payment of the State Revolving Fund Loan for the recycled water pipeline in Crow Street and the recycled water booster B-12.1.

2017-18 Actual	2018-19 Actual	2019-20 Actual	2020-21 Projected	2021-22 Budget
\$ -	\$ 15,313	\$ 15,649	\$ 15,994	\$ 16,346

Budget vs. Actual



Sewer Division – Debt Service

03-540-57403

Debt Service Interest

This budget category is used for expenses related to the interest payment of the State Revolving Fund Loans for the Wochholz Regional Water Recycling Facility, the Yucaipa Valley Regional Brineline, the WISE equipment, the R-10.3 and booster station and the Crow Street pipeline and the Booster B-12.1 facility.

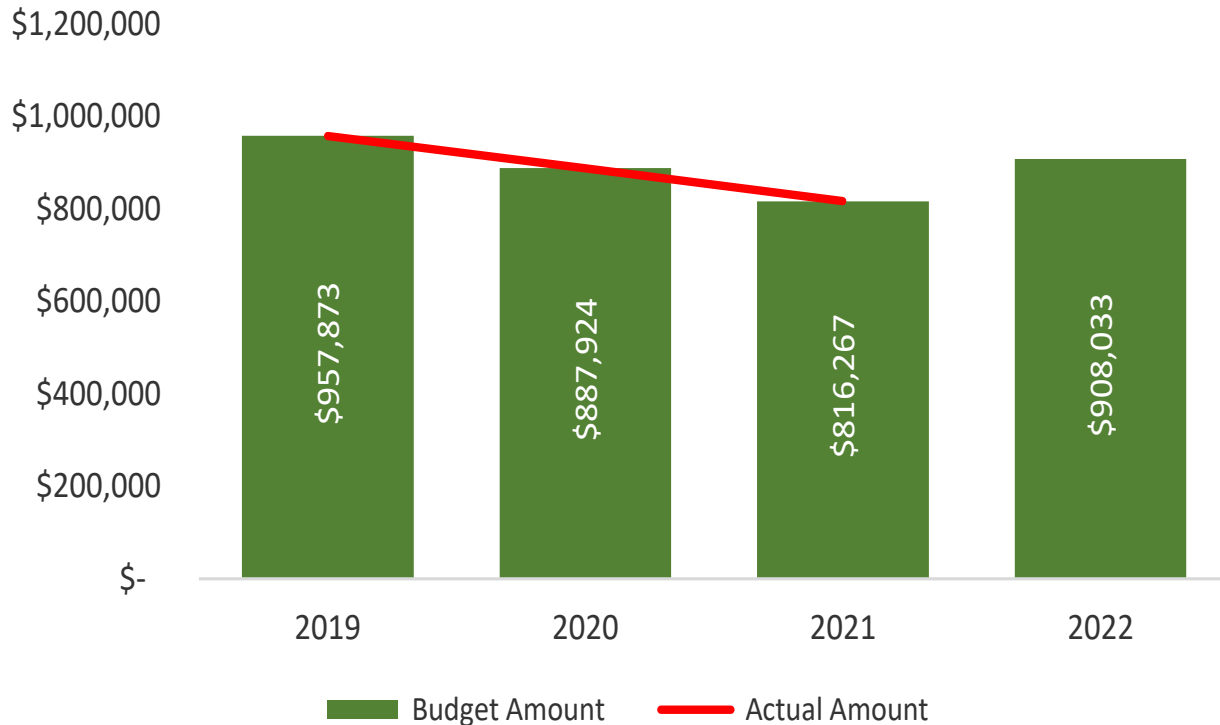
Line Item Detail:

Debt Service Interest Payment - WRWRF	\$ 505,267
Debt Service Interest Payment – Brineline	\$ 177,664
Debt Service Interest Payment – WISE	\$ 42,575
Debt Service Interest Payment – R-10.3 & Booster Station	\$ 12,474
Debt Service Interest Payment – Crow Street & B-12.1	\$ 4,878
Estimated Debt Service – Calimesa Pipeline	\$ 165,172
Total	\$ 908,033

2017-18 Actual	2018-19 Actual	2019-20 Actual	2020-21 Projected
\$ 977,041	\$ 957,005	\$ 887,917	\$ 816,261

2021-22 Budget
\$ 908,033

Budget vs. Actual





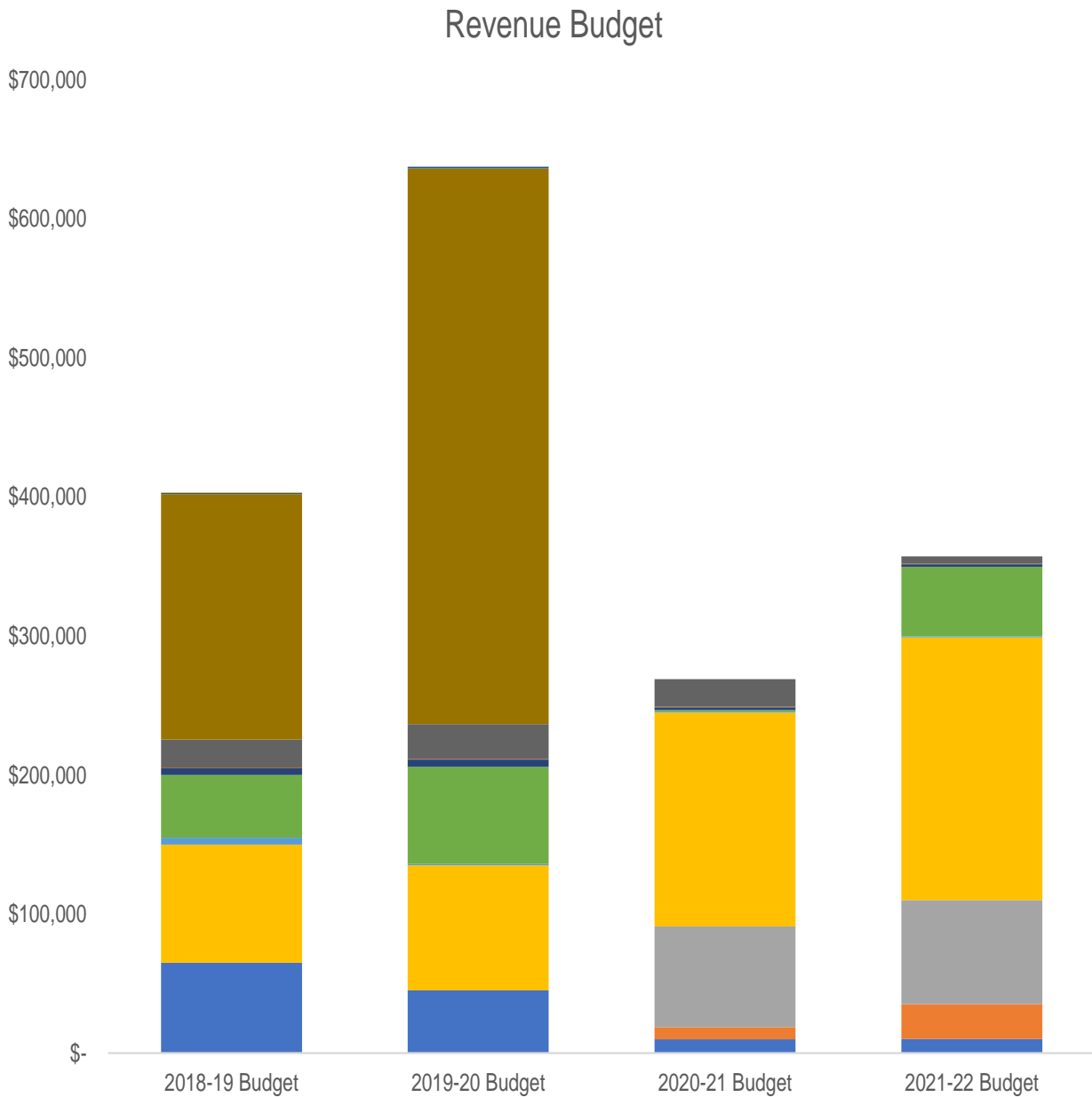
Yucaipa Valley Water District

Chapter Four

Fiscal Year 2022

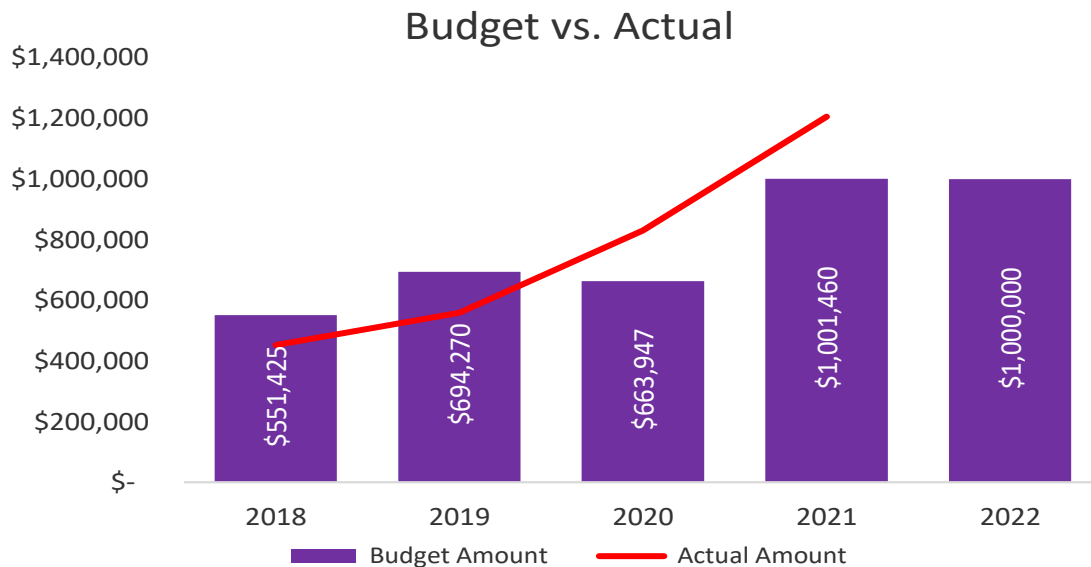
Recycled Water Division
Operating Budget

Recycled Water Division Revenue Analysis

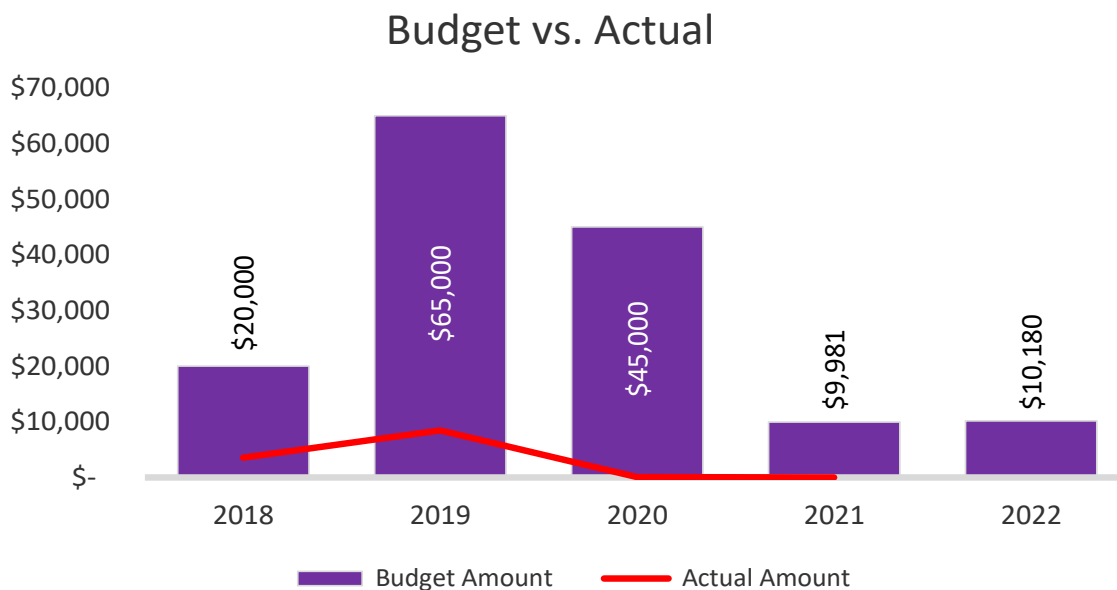


Account	2017-18 Actual	2018-19 Budget	2018-19 Actual	2019-20 Budget	2019-20 Actual	2020-21 Budget	2020-21 Actual	2021-22 Budget	Increase (Decrease) in Budget	Increase (Decrease) %
04-400-40010. Sales-Water & Non Potable	\$ 452,409	\$ 694,270	\$ 559,139	\$ 663,947	\$ 830,259	\$ 1,001,460	\$ 1,205,543	\$ 1,000,000	\$ (1,460)	-0.1%
04-400-40011. Sales-Construction Water	\$ 3,540	\$ 65,000	\$ 8,459	\$ 45,000	\$ 45	\$ 9,981	\$ -	\$ 10,180	\$ 199	2.0%
04-400-40017. Sales-Excess Drinking Water	\$ -	\$ -	\$ -	\$ -	\$ 9,407	\$ 8,574	\$ 32,161	\$ 25,000	\$ 16,426	191.6%
04-400-40018. Sales-Infrastructure	\$ -	\$ -	\$ -	\$ -	\$ 36,451	\$ 72,642	\$ 107,863	\$ 74,755	\$ 2,113	2.9%
04-400-41000. Sales-Service Demand Charges	\$ 67,808	\$ 85,000	\$ 76,648	\$ 90,000	\$ 120,732	\$ 153,641	\$ 182,646	\$ 188,897	\$ 35,256	22.9%
04-400-41003. Sales-Const Water Minimum Chg	\$ 892	\$ 5,000	\$ 951	\$ 1,000	\$ 906	\$ 821	\$ 1,675	\$ 823	\$ 2	0.2%
04-400-41110. Meter/Lateral Installation	\$ 1,380	\$ 45,000	\$ 100,122	\$ 70,000	\$ 116,135	\$ 1,020	\$ 91,216	\$ 50,000	\$ 48,980	4802.0%
04-400-41121. Penalty - Late Charges	\$ 4,345	\$ 5,000	\$ 2,907	\$ 5,000	\$ 3,604	\$ 2,000	\$ -	\$ 2,010	\$ 10	0.5%
04-400-41122. Revenue - Other, Operating	\$ (1,145)	\$ 500	\$ -	\$ 500	\$ 218	\$ 505	\$ 1,164	\$ 510	\$ 5	1.0%
04-430-43010. Interest Earned	\$ 18,977	\$ 20,000	\$ 20,693	\$ 25,000	\$ 13,117	\$ 19,716	\$ 5,260	\$ 5,000	\$ (14,716)	-74.6%
04-431-43110. Property Tax - Unsecured	\$ 10,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
04-431-43120. Property Tax - Secured	\$ 110,000	\$ 176,500	\$ 176,500	\$ 400,000	\$ 400,000	\$ -	\$ -	\$ -	\$ -	
04-431-43130. Tax Collection - Prior	\$ 10,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
04-431-43140. Taxes - Other	\$ 2,500	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
04-480-48901. Contrib Cap-Capacity Fees	\$ 88,127	\$ -	\$ 1,314,602	\$ -	\$ 1,712,702	\$ -	\$ 776,937	\$ -	\$ -	
04-491-49150. Revenue-Misc Non-Operating	\$ -	\$ 1,000	\$ -	\$ 1,000	\$ 28	\$ -	\$ 14	\$ -	\$ -	
	\$ 768,832	\$ 1,097,270	\$ 2,260,021	\$ 1,301,447	\$ 3,243,605	\$ 1,270,360	\$ 2,404,479	\$ 1,357,175	\$ 86,815	6.8%

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.

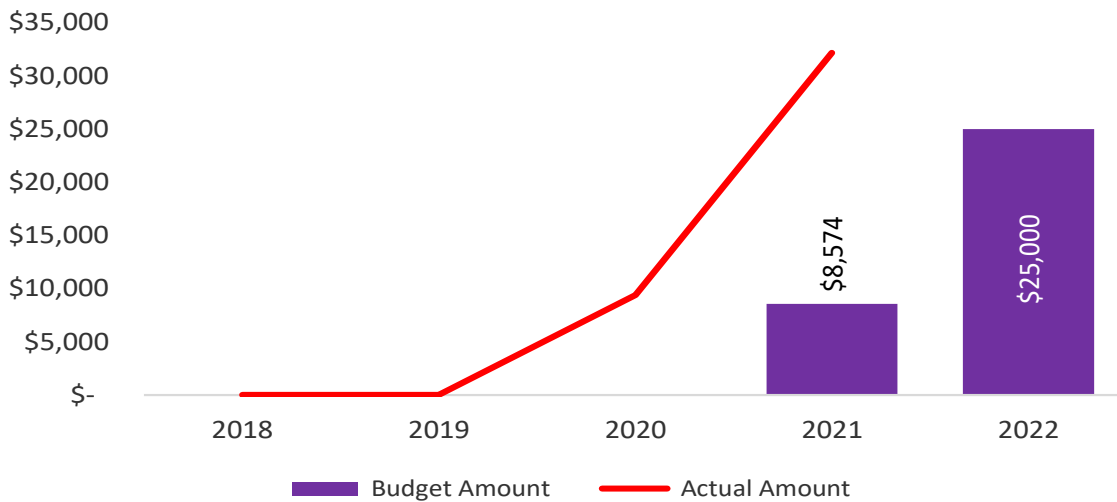


Construction Water – Commodity Charges (04-400-40011): This revenue source is highly variable recycled water consumption revenue collected from developers and contractors for construction purposes. The amount of revenue generated from this source is directly dependent on the timing and magnitude of new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



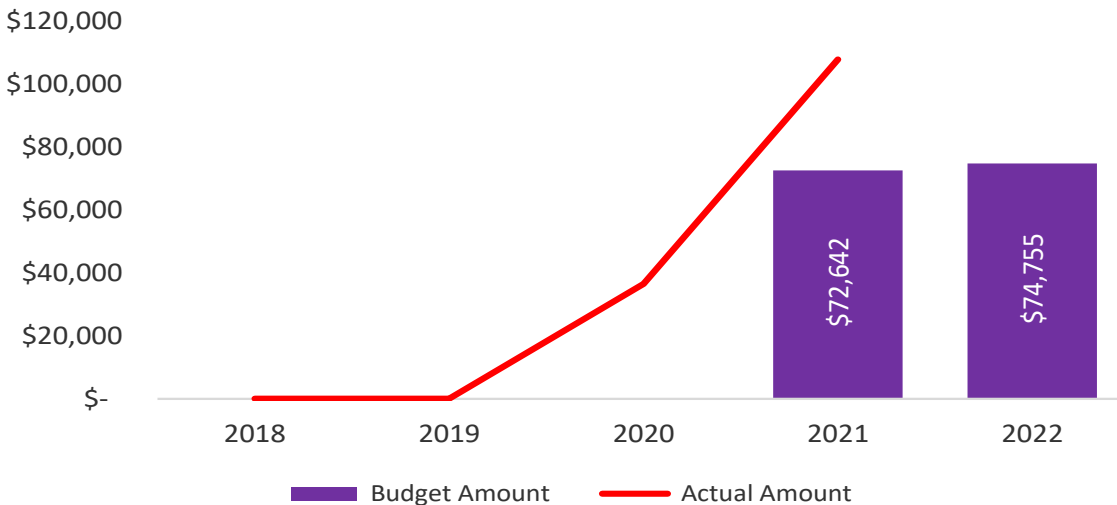
Excess Recycled Water Revenue (04-400-40017): This revenue source is generated from the recycled water used by customers each month that exceeds the quantity of purchased capacity in the system at time the new service was originally established. The excess usage creates additional demand and costs for 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.

Budget vs. Actual

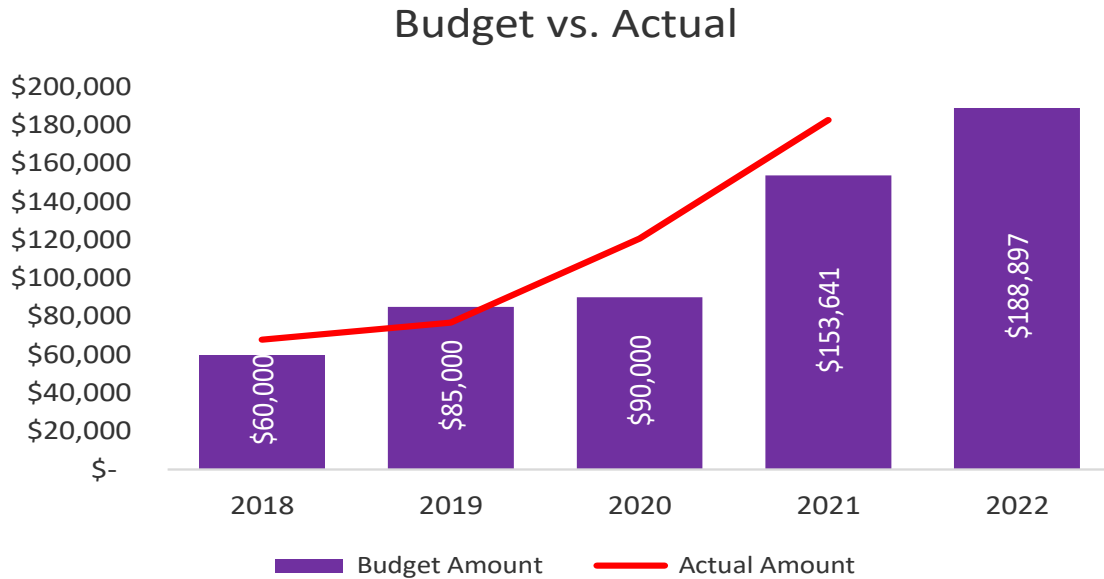


Infrastructure Recycled Water Revenue (04-400-40018): This revenue source applies to each billing unit, or fraction thereof to fund the replacement of infrastructure that supports the recycled water system. This is a new revenue source beginning in 2019-20.

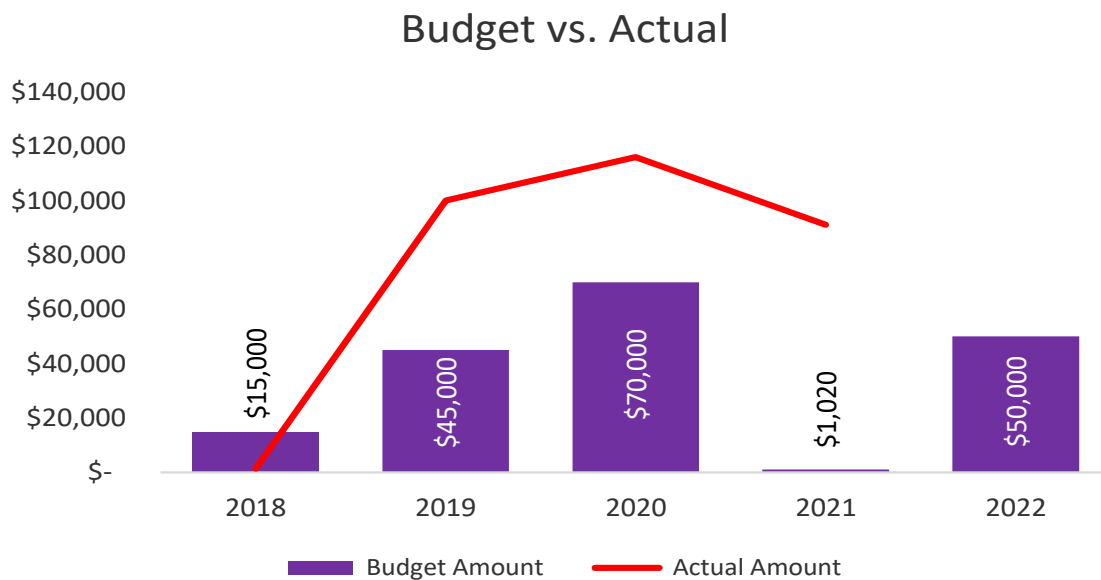
Budget vs. Actual



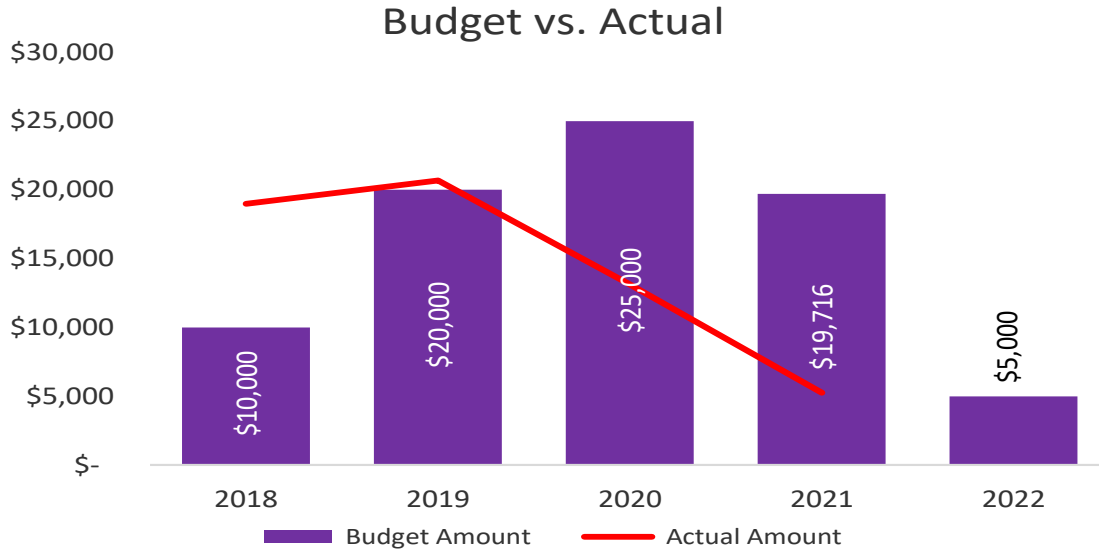
Recycled Water – Service Demand Charge (04-400-41000): This revenue source is the fixed rate component charged to all recycled water customers. Since this is a fixed charge, the estimated amount of revenue derived from this source is fairly constant year to year.



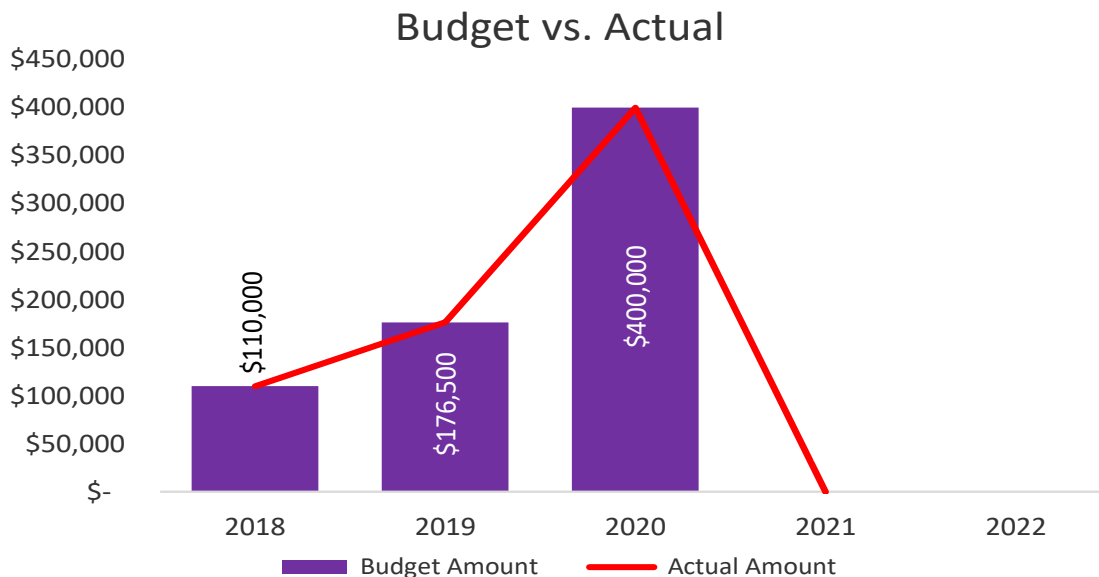
Recycled Water – Meter/Lateral Installation (04-400-41110): This revenue source is associated with the cost for installing a recycled water meter and service lateral for a new customer. The revenue generated from this source is directly dependent on the number of new recycled water meter installations 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 Local Agency Investment Fund (LAIF) as the predominant investment vehicle. Significantly lesser amounts are invested in the U.S. Securities and money market funds.



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.

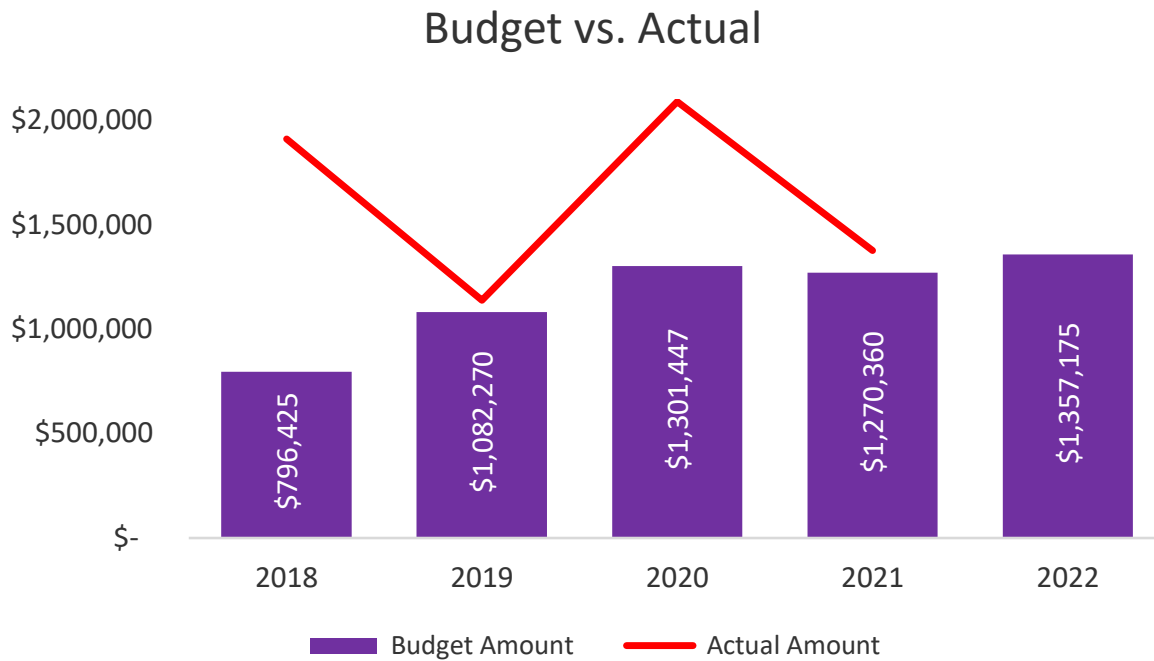


Other sources of operating revenue for the recycled water division include:

- 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.



	<u>Budget Amount</u>		<u>Actual Amount</u>	
2018	\$	796,425	\$	1,910,758
2019	\$	1,082,270	\$	1,138,375
2020	\$	1,301,447	\$	2,089,260
2021	\$	1,270,360	\$	1,375,667
2022	\$	1,357,175		

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 7.80 Full-Time Equivalent (FTE) employees¹.

Title	Range	FTE	Expense
General Manager	-	0.10	\$ 34,112
Chief Financial Officer	248	0.10	\$ 23,862
Implementation Manager	236	0.30	\$ 61,581
Public Works Manager	234	0.10	\$ 21,626
Water Resource Manager	233	0.30	\$ 68,732
Operations Manager	231	0.40	\$ 80,631
Regulatory Compliance Manager	229	0.30	\$ 53,938
Public Works Supervisor	117	2.60	\$ 442,230
Water Resource Specialist	113	0.30	\$ 46,178
Information Systems Specialist	111	0.10	\$ 14,875
Senior Engineering Technician	110	0.30	\$ 45,419
Senior Utility Services Worker	54	0.30	\$ 44,440
Utility Service Worker IV	49	0.20	\$ 29,796
Purchasing Agent	45	0.10	\$ 10,665
Utility Service Worker III	44	0.40	\$ 55,404
Utility Service Worker II	36	0.50	\$ 60,143
Utility Service Worker I	32	1.10	\$ 113,040
Total		7.50	\$ 1,206,672

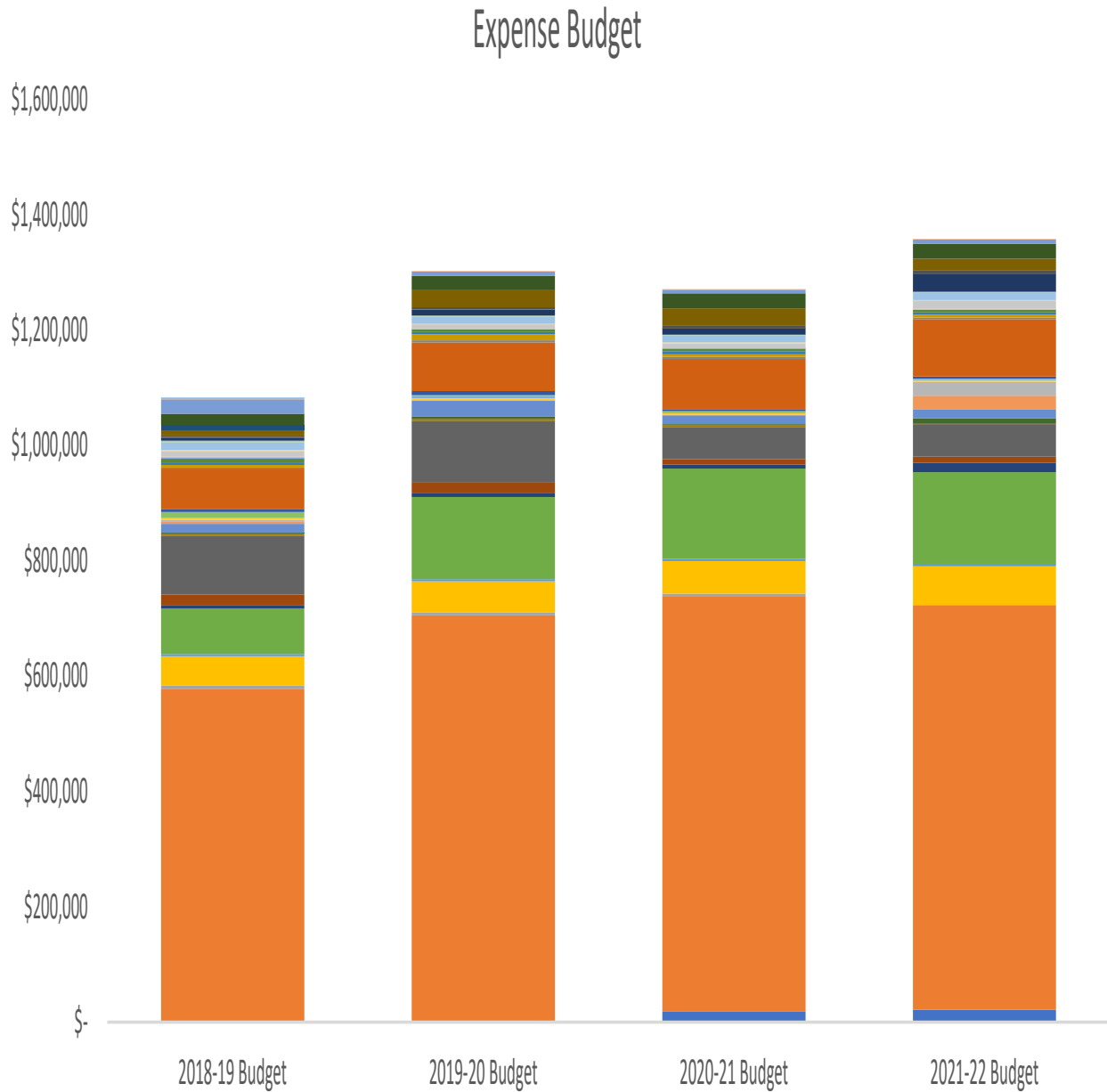
This year, the Recycled Water Department will be allocated \$1,357,175 (not including asset acquisitions & capital improvements), which represents an increase of \$86,815 as compared to the prior year modified budget, or a 6.8% increase.

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.



Account	2017-18 Budget	2017-18 Actual	2018-19 Budget	2018-19 Actual	2019-20 Budget	2019-20 Actual	2020-21 Budget	2020-21 Projected	2021-22 Budget	Increase (Decrease) in Budget	Increase (Decrease) %
04-506-50009. Labor - Overtime	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 7,408	\$ 18,771	\$ 962	\$ 21,428	\$ 2,657	14.2%
04-506-50010. Labor	\$ 364,137	\$ 383,074	\$ 577,931	\$ 580,236	\$ 705,207	\$ 592,290	\$ 718,807	\$ 687,239	\$ 701,675	\$ (17,132)	-2.4%
04-506-50011. Labor - Credit	\$ -	\$ 191	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
04-506-50012. Director Fees	\$ 5,000	\$ -	\$ 5,000	\$ -	\$ 5,000	\$ -	\$ 5,000	\$ -	\$ -	\$ (5,000)	-100.0%
04-506-50013. Benefits-FICA	\$ 20,000	\$ 29,326	\$ 51,862	\$ 44,591	\$ 53,948	\$ 46,740	\$ 56,805	\$ 53,667	\$ 67,679	\$ 10,874	19.1%
04-506-50014. Benefits-Life Insurance	\$ 1,820	\$ 668	\$ 3,528	\$ 1,077	\$ 3,600	\$ 1,163	\$ 3,735	\$ 1,204	\$ 2,654	\$ (1,081)	-28.9%
04-506-50016. Benefits-Health & Def Comp	\$ 30,000	\$ 93,295	\$ 78,474	\$ 158,711	\$ 143,004	\$ 170,206	\$ 156,856	\$ 189,048	\$ 160,108	\$ 3,252	2.1%
04-506-50017. Benefits-Disability Insurance	\$ 3,300	\$ 4,915	\$ 6,101	\$ 7,959	\$ 6,347	\$ 8,278	\$ 6,640	\$ 9,060	\$ 15,747	\$ 9,107	137.2%
04-506-50019. Benefits-Workers Compensation	\$ 4,000	\$ 13,633	\$ 18,304	\$ 12,109	\$ 19,041	\$ 13,583	\$ 9,080	\$ 14,637	\$ 10,862	\$ 1,782	19.6%
04-506-50021. Benefits-PERS Employee	\$ 11,000	\$ 11,147	\$ -	\$ (3,512)	\$ -	\$ -	\$ -	\$ (579)	\$ -	\$ -	
04-506-50022. Benefits-PERS Employer	\$ 18,243	\$ 47,185	\$ 101,690	\$ 41,994	\$ 105,781	\$ 46,756	\$ 56,064	\$ 145,146	\$ 57,041	\$ 977	1.7%
04-506-50023. Benfits-Uniforms	\$ 1,365	\$ 777	\$ 3,675	\$ 592	\$ 3,750	\$ 1,652	\$ 3,000	\$ 2,342	\$ 1,716	\$ (1,284)	-42.8%
04-506-50024. Benefits-Vacation & Sick Pay	\$ 500	\$ 510	\$ 1,000	\$ 654	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
04-506-50025. Benefits-Boots & Incentives	\$ -	\$ 260	\$ 2,205	\$ 600	\$ 4,750	\$ 3,420	\$ 2,340	\$ -	\$ 7,654	\$ 5,314	227.1%
04-506-50055. Pension Expense-GASB 68	\$ -	\$ 146,601	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
04-506-51003. R&M - Structures	\$ 25,000	\$ 52,208	\$ 14,000	\$ 29,671	\$ 26,519	\$ 27,755	\$ 15,300	\$ -	\$ 15,606	\$ 306	2.0%
04-506-51011. R&M - Valves	\$ 5,000	\$ -	\$ 5,000	\$ -	\$ 500	\$ -	\$ 510	\$ 23,369	\$ 24,000	\$ 23,490	4605.9%
04-506-51020. R&M - Pipelines	\$ 5,000	\$ 5,111	\$ 2,500	\$ -	\$ 500	\$ 74,373	\$ 510	\$ 23,727	\$ 24,000	\$ 23,490	4605.9%
04-506-51021. R&M - Service Lines	\$ 15,000	\$ 3,343	\$ 2,500	\$ 3,531	\$ 4,000	\$ -	\$ 2,040	\$ -	\$ 2,081	\$ 41	2.0%
04-506-51022. R&M - Fire Hydrants	\$ 1,000	\$ 3,516	\$ 1,000	\$ 3,348	\$ 4,000	\$ -	\$ 2,040	\$ 107	\$ 2,081	\$ 41	2.0%
04-506-51030. R&M - Meters	\$ 4,000	\$ 9,203	\$ 10,000	\$ 1,219	\$ 1,500	\$ 3,413	\$ 1,530	\$ 761	\$ 1,561	\$ 31	2.0%
04-506-51140. General Supplies & Expenses	\$ 2,500	\$ 8,855	\$ 5,000	\$ 5,699	\$ 7,000	\$ 5,545	\$ 3,060	\$ 2,926	\$ 3,121	\$ 61	2.0%
04-506-51210. Utilities - Power Purchases	\$ 85,000	\$ 80,841	\$ 70,000	\$ 83,869	\$ 84,500	\$ 78,893	\$ 87,880	\$ 104,955	\$ 99,735	\$ 11,855	13.5%
04-506-54002. Dues & Subscriptions	\$ 4,000	\$ 1,688	\$ 1,500	\$ 2,552	\$ 3,000	\$ 3,535	\$ 3,060	\$ 4,552	\$ 3,121	\$ 61	2.0%
04-506-54005. Computer Expenses	\$ 9,000	\$ 11,310	\$ 5,000	\$ 10,020	\$ 11,000	\$ 10,875	\$ 5,100	\$ 8,370	\$ 5,202	\$ 102	2.0%
04-506-54011. Printing & Publications	\$ -	\$ 152	\$ -	\$ 65	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
04-506-54012. Education & Training	\$ 4,000	\$ 4,492	\$ 4,000	\$ 3,756	\$ 3,500	\$ 811	\$ 5,132	\$ 1,646	\$ 3,641	\$ (1,491)	-29.1%
04-506-54014. Public Relations	\$ 2,000	\$ 3,156	\$ 6,500	\$ 3,833	\$ 4,200	\$ 3,249	\$ 4,284	\$ 1,901	\$ 4,370	\$ 86	2.0%
04-506-54016. Travel Related Expenses	\$ 2,500	\$ 5,363	\$ 2,500	\$ 1,357	\$ 1,000	\$ 646	\$ 1,020	\$ 24	\$ 1,040	\$ 20	2.0%
04-506-54017. Certifications & Renewals	\$ 500	\$ 1,371	\$ 1,000	\$ 315	\$ 500	\$ 75	\$ 510	\$ 100	\$ 520	\$ 10	2.0%
04-506-54019. Licenses & Permits	\$ 20,000	\$ 11,156	\$ 10,000	\$ 7,146	\$ 7,500	\$ 11,898	\$ 7,650	\$ 14,012	\$ 14,000	\$ 6,350	83.0%
04-506-54020. Meeting Related Expenses	\$ 1,000	\$ 1,401	\$ 1,500	\$ 1,584	\$ 1,400	\$ 834	\$ 1,428	\$ 500	\$ 1,457	\$ 29	2.0%
04-506-54022. Utilities - YVWD Services	\$ 25,000	\$ 24,068	\$ 14,000	\$ 11,748	\$ 12,500	\$ 6,543	\$ 12,750	\$ 7,920	\$ 13,005	\$ 255	2.0%
04-506-54025. Telephone & Internet	\$ 1,500	\$ 2,059	\$ 2,000	\$ 1,379	\$ 1,400	\$ 2,009	\$ 1,428	\$ 2,284	\$ 1,457	\$ 29	2.0%
04-506-54104. Contractural Services	\$ 8,400	\$ 4,184	\$ 5,000	\$ 14,071	\$ 10,000	\$ 31,187	\$ 10,200	\$ 29,290	\$ 30,000	\$ 19,800	194.1%
04-506-54107. Legal	\$ 1,250	\$ -	\$ 1,500	\$ -	\$ 500	\$ -	\$ 510	\$ -	\$ 520	\$ 10	2.0%
04-506-54108. Audit & Accounting	\$ 2,500	\$ 1,950	\$ 2,500	\$ 4,018	\$ 4,000	\$ 5,237	\$ 4,080	\$ 6,717	\$ 6,800	\$ 2,720	66.7%
04-506-54109. Professional Fees	\$ 25,000	\$ 97,338	\$ 10,000	\$ 62,481	\$ 30,000	\$ 14,648	\$ 30,600	\$ 15,134	\$ 20,000	\$ (10,600)	-34.6%
04-506-55500. Depreciation	\$ 33,000	\$ 794,665	\$ 8,000	\$ 8,000	\$ -	\$ 874,938	\$ -	\$ -	\$ -	\$ -	
04-506-56001. Insurance	\$ 20,000	\$ 20,991	\$ 20,000	\$ 28,237	\$ 25,000	\$ 27,830	\$ 25,500	\$ 24,402	\$ 26,010	\$ 510	2.0%
04-506-57030. Regulatory Compliance	\$ 25,000	\$ 30,753	\$ 25,000	\$ 5,468	\$ 6,500	\$ 13,472	\$ 6,630	\$ 244	\$ 6,763	\$ 133	2.0%
04-506-57040. Environmental Compliance	\$ 9,000	\$ -	\$ 2,500	\$ -	\$ 500	\$ -	\$ 510	\$ -	\$ 520	\$ 10	2.0%
	\$ 795,515	\$ 1,910,758	\$ 1,082,270	\$ 1,138,375	\$ 1,301,447	\$ 2,089,260	\$ 1,270,360	\$ 1,375,667	\$ 1,357,175	\$ 86,815	6.8%

Recycled Water Division

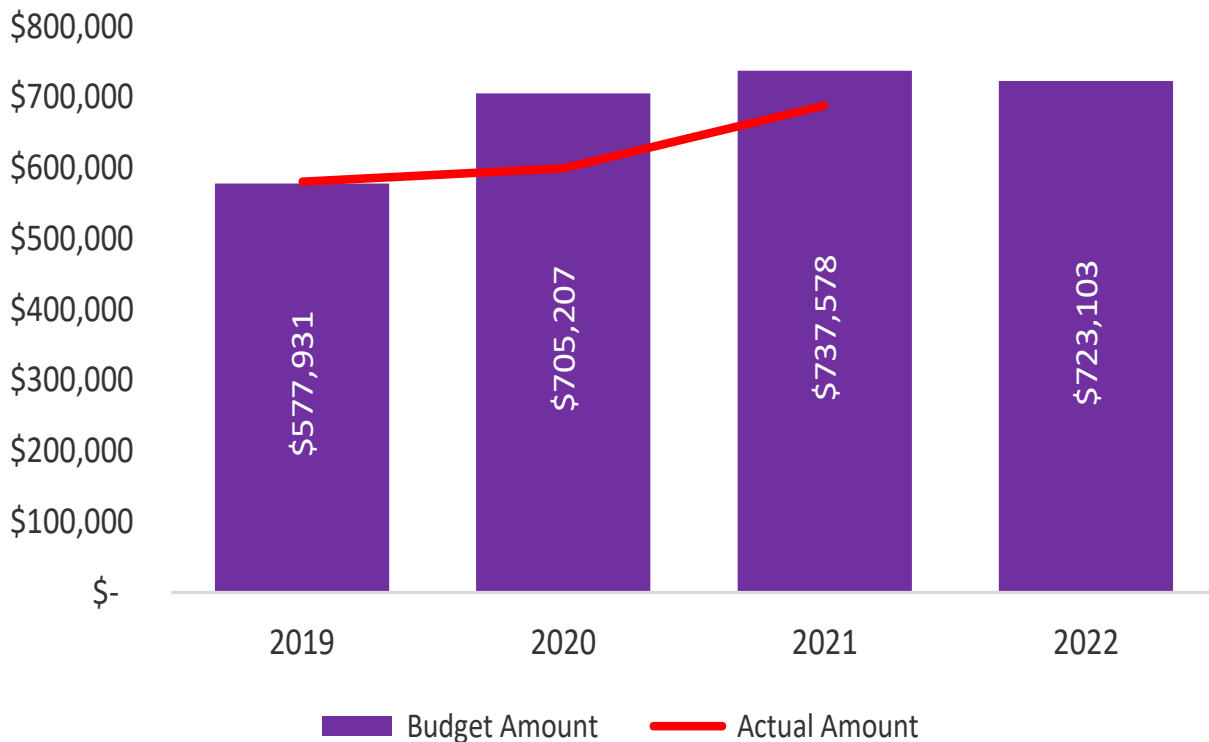
04-506-500xx

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	2017-18 Actual	2018-19 Actual	2019-20 Actual	2020-21 Projected	2021-22 Budget
04-506-50009. Labor - Overtime	\$ -	\$ -	\$ 7,408	\$ 962	\$ 21,428
04-506-50010. Labor	\$ 383,074	\$ 580,236	\$ 592,290	\$ 687,239	\$ 701,675
	\$ 383,074	\$ 580,236	\$ 599,697	\$ 688,201	\$ 723,103

Budget vs. Actual



Recycled Water Division

04-506-50012

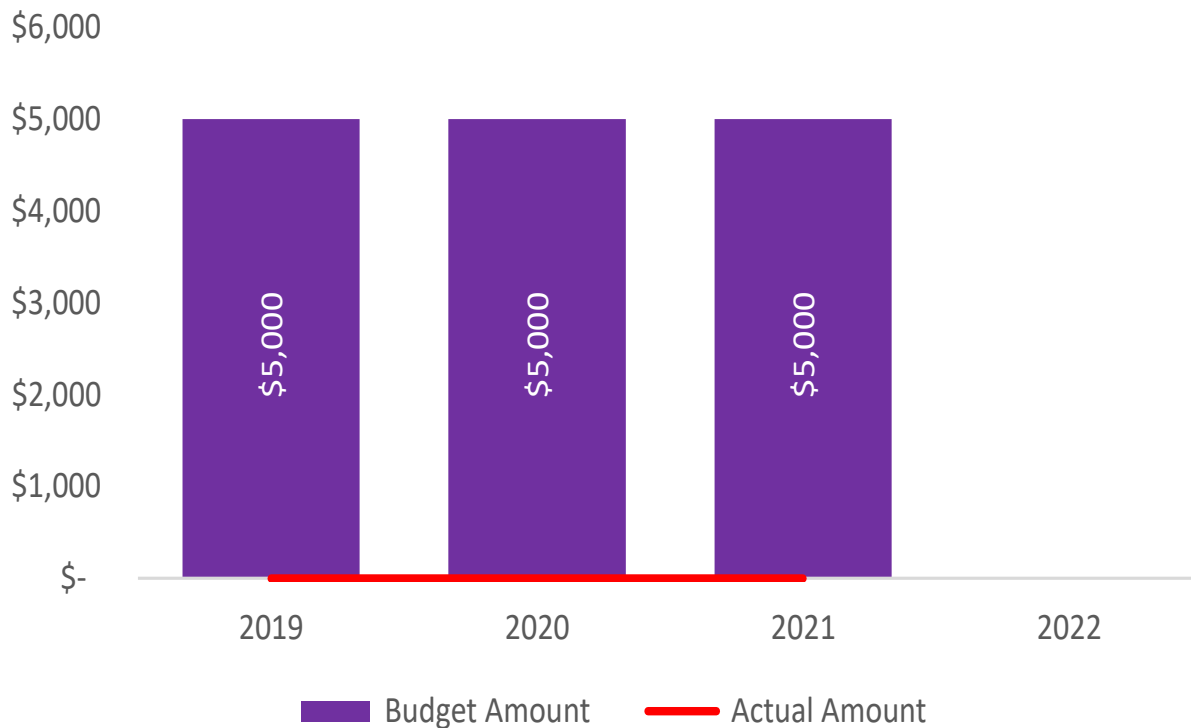
Director Fees

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

2017-18 Actual	2018-19 Actual	2019-20 Actual	2020-21 Projected

2021-22 Budget

Budget vs. Actual



Recycled Water Division

04-506-500xx

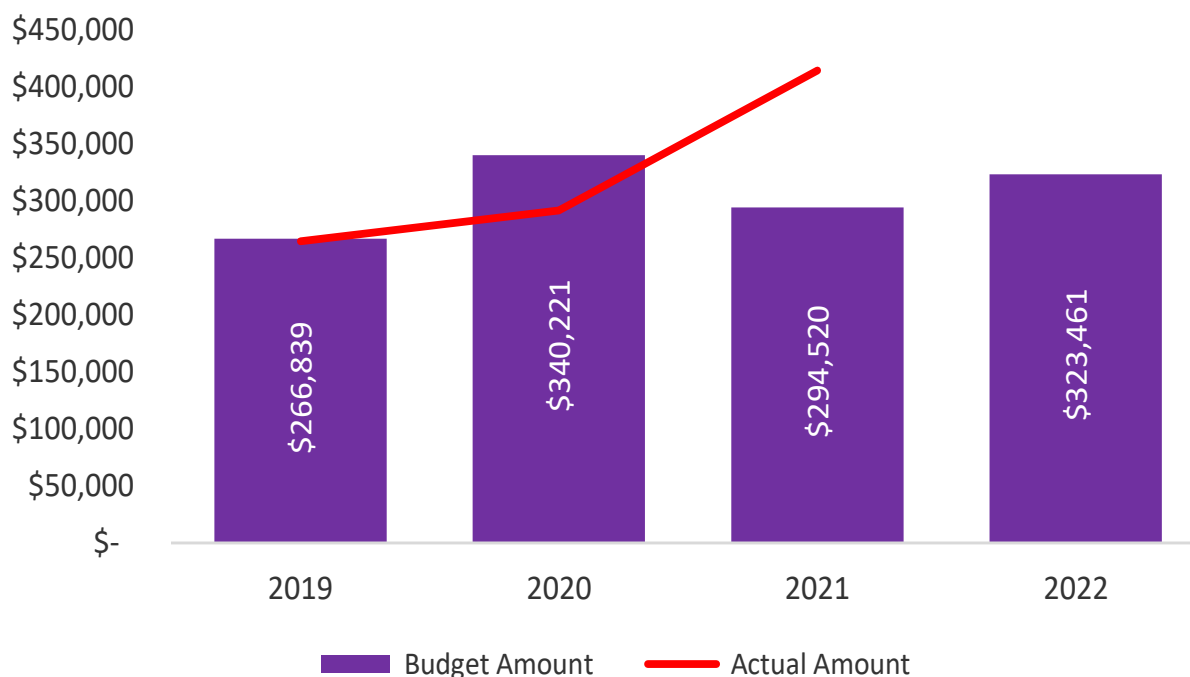
Benefits

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

Account	2017-18 Actual	2018-19 Actual	2019-20 Actual	2020-21 Projected	2021-22 Budget
04-506-50013. Benefits-FICA	\$ 29,326	\$ 44,591	\$ 46,740	\$ 53,667	\$ 67,679
04-506-50014. Benefits-Life Insurance	\$ 668	\$ 1,077	\$ 1,163	\$ 1,204	\$ 2,654
04-506-50016. Benefits-Health & Def Comp	\$ 93,295	\$ 158,711	\$ 170,206	\$ 189,048	\$ 160,108
04-506-50017. Benefits-Disability Insurance	\$ 4,915	\$ 7,959	\$ 8,278	\$ 9,060	\$ 15,747
04-506-50019. Benefits-Workers Compensation	\$ 13,633	\$ 12,109	\$ 13,583	\$ 14,637	\$ 10,862
04-506-50021. Benefits-PERS Employee	\$ 11,147	\$ (3,512)	\$ -	\$ (579)	\$ -
04-506-50022. Benefits-PERS Employer	\$ 47,185	\$ 41,994	\$ 46,756	\$ 145,146	\$ 57,041
04-506-50023. Benefits-Uniforms	\$ 777	\$ 592	\$ 1,652	\$ 2,342	\$ 1,716
04-506-50024. Benefits-Vacation & Sick Pay	\$ 510	\$ 654	\$ -	\$ -	\$ -
04-506-50025. Benefits-Boots & Incentives	\$ 260	\$ 600	\$ 3,420	\$ -	\$ 7,654
	\$ 201,717	\$ 264,774	\$ 291,797	\$ 414,525	\$ 323,461

As a result of the implementation of the new financial system in July 2019, Benefits are automatically calculated as a result of payroll within the system. This has resulted in various changes to benefit line items that may have been over or under budgeted in prior years.

Budget vs. Actual



Recycled Water Division

04-506-51003

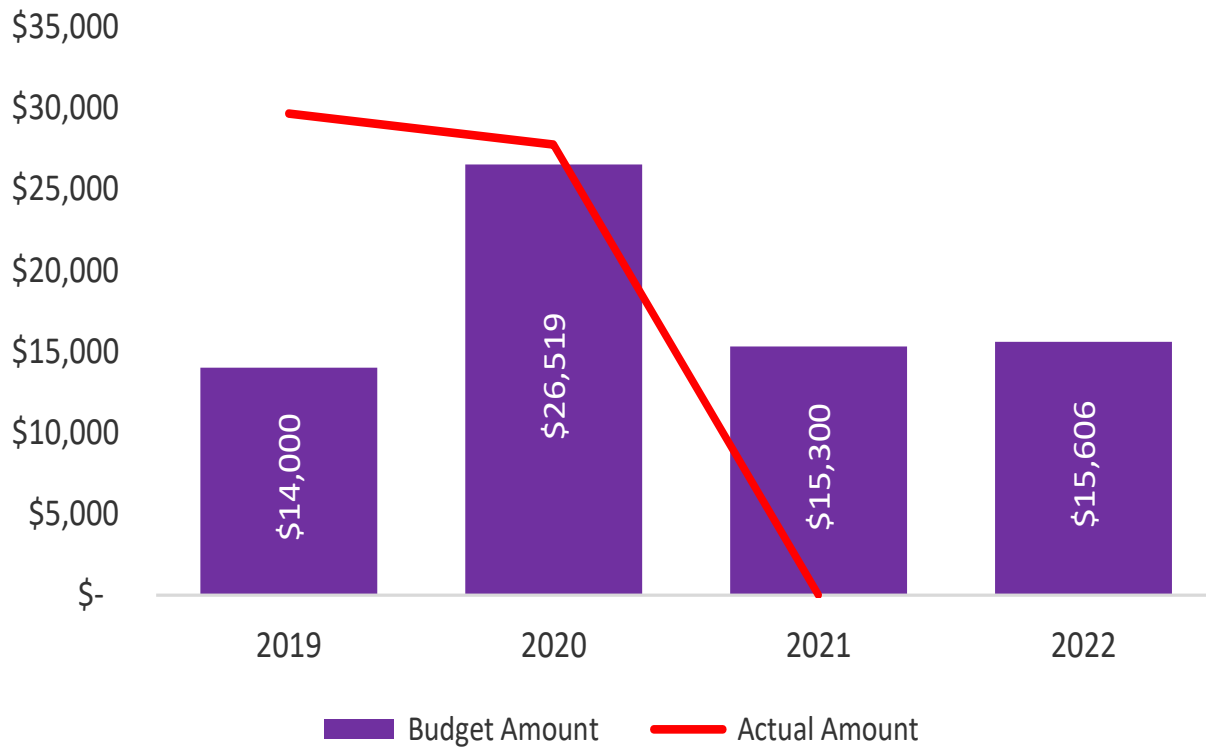
Repair & Maintenance - Structures

This budget category represents the annual projected costs associated with the maintenance and repair of recycled water related facilities.

2017-18 Actual	2018-19 Actual	2019-20 Actual	2020-21 Projected
\$ 52,208	\$ 29,671	\$ 27,755	\$ -

2021-22 Budget
\$ 15,606

Budget vs. Actual



Recycled Water Division

04-506-51011

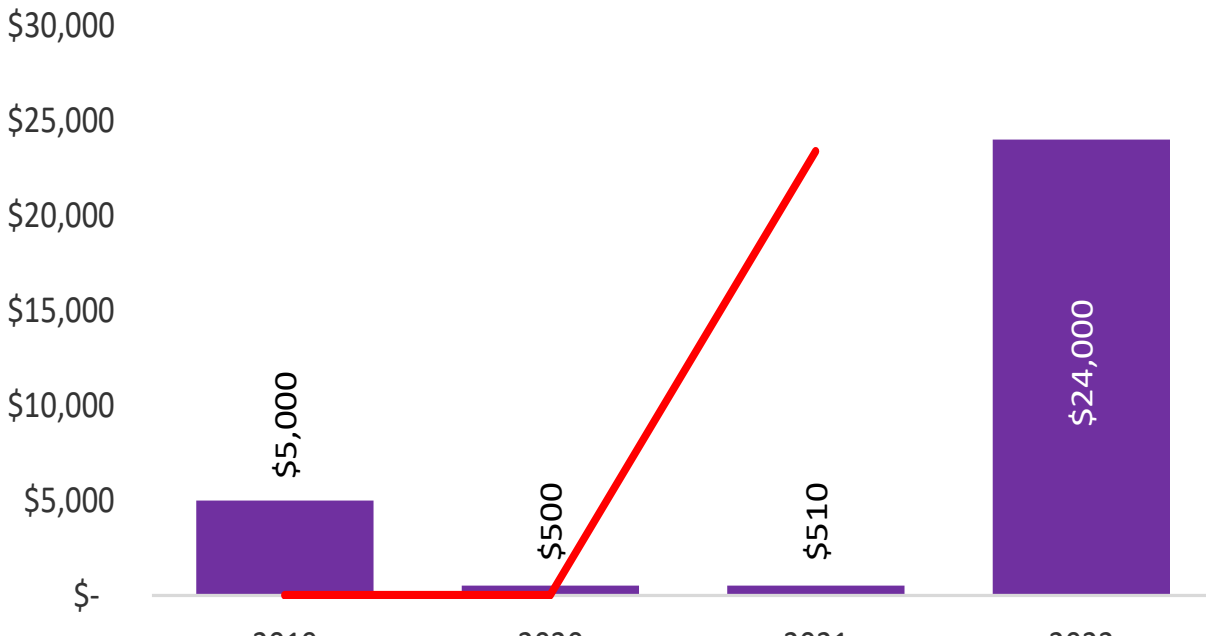
Repair & Maintenance - Valves

The Recycled Water Division oversees the operation and maintenance of the District's 29 recycled water specialty valves as well as equipment and parts associated with the maintenance of Cla-valves. This does not include the labor from the Water Operations Department, Engineering Department or Public Works Department. 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

2017-18 Actual	2018-19 Actual	2019-20 Actual	2020-21 Projected	2021-22 Budget
\$ -	\$ -	\$ -	\$ 23,369	\$ 24,000

Budget vs. Actual



Recycled Water Division

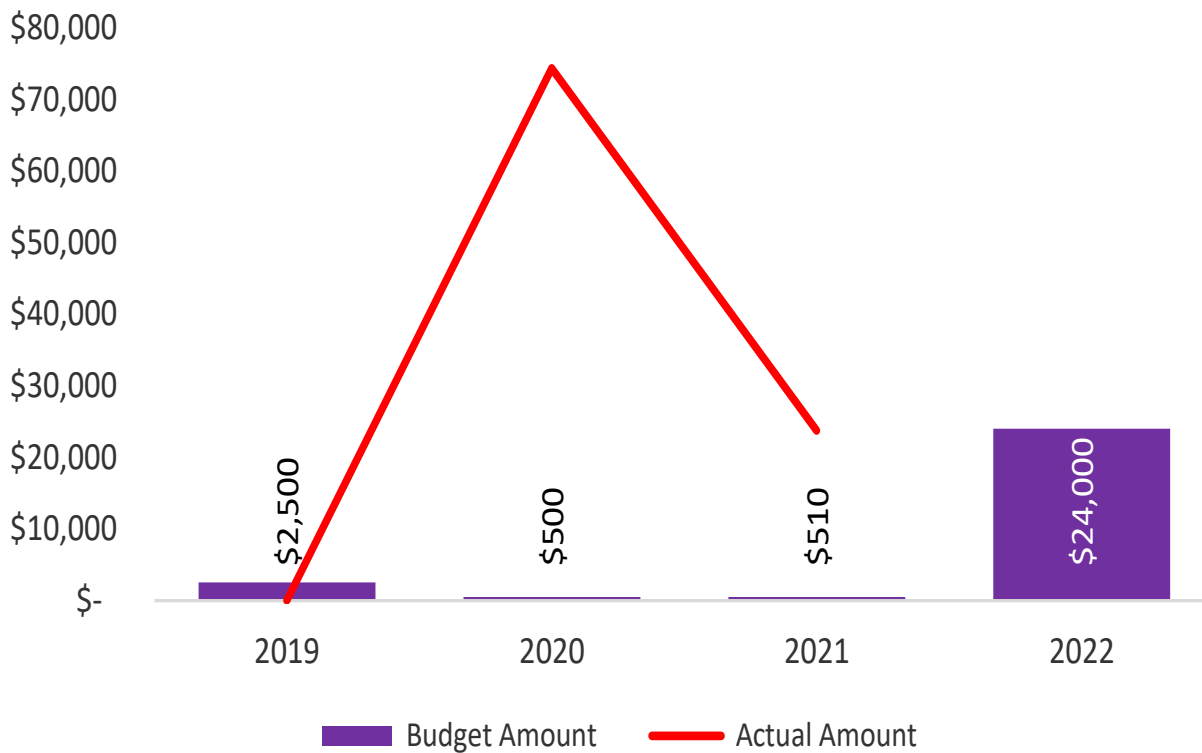
04-506-51020

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.

2017-18 Actual	2018-19 Actual	2019-20 Actual	2020-21 Projected	2021-22 Budget
\$ 5,111	\$ -	\$ 74,373	\$ 23,727	\$ 24,000

Budget vs. Actual



Recycled Water Division

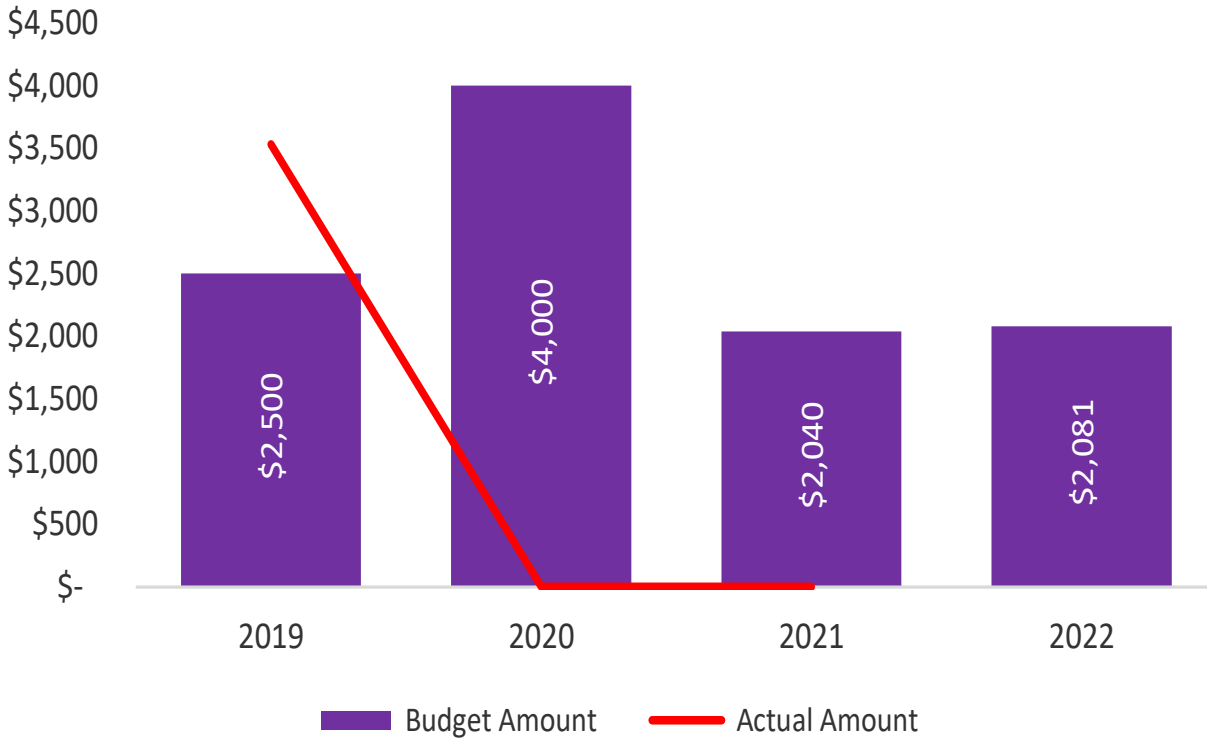
04-506-51021

Repair & Maintenance – Service Lines

The budget category represents the annual projected costs associated with maintaining the District's recycled water service lines. For fiscal year 2019-20, there have not been any expenses for this line item.

2017-18 Actual	2018-19 Actual	2019-20 Actual	2020-21 Projected	2021-22 Budget
\$ 3,343	\$ 3,531	\$ -	\$ -	\$ 2,081

Budget vs. Actual



Recycled Water Division

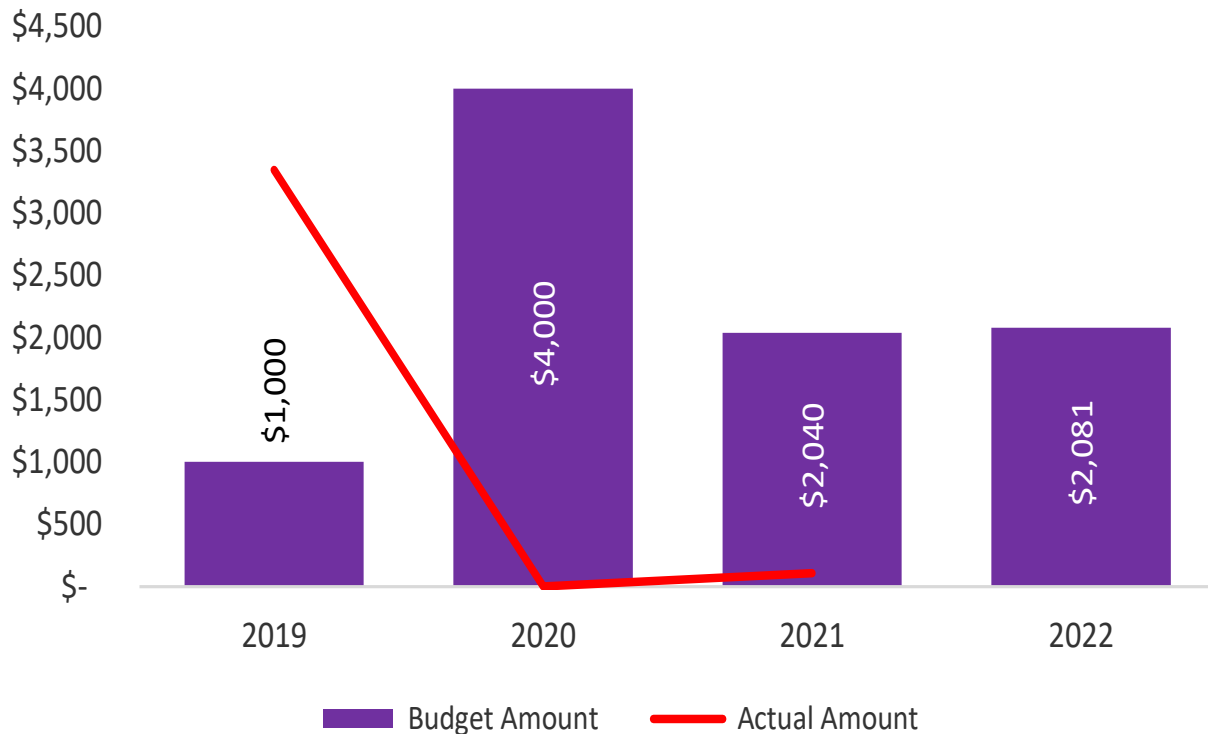
04-506-51022

Repair & Maintenance – Fire Hydrants

The budget category represents the annual projected costs associated with maintaining the District's recycled water fire hydrants. For fiscal year 2019-20, there have not been any expenses for this line item.

2017-18 Actual	2018-19 Actual	2019-20 Actual	2020-21 Projected	2021-22 Budget
\$ 3,516	\$ 3,348	\$ -	\$ 107	\$ 2,081

Budget vs. Actual



Recycled Water Division

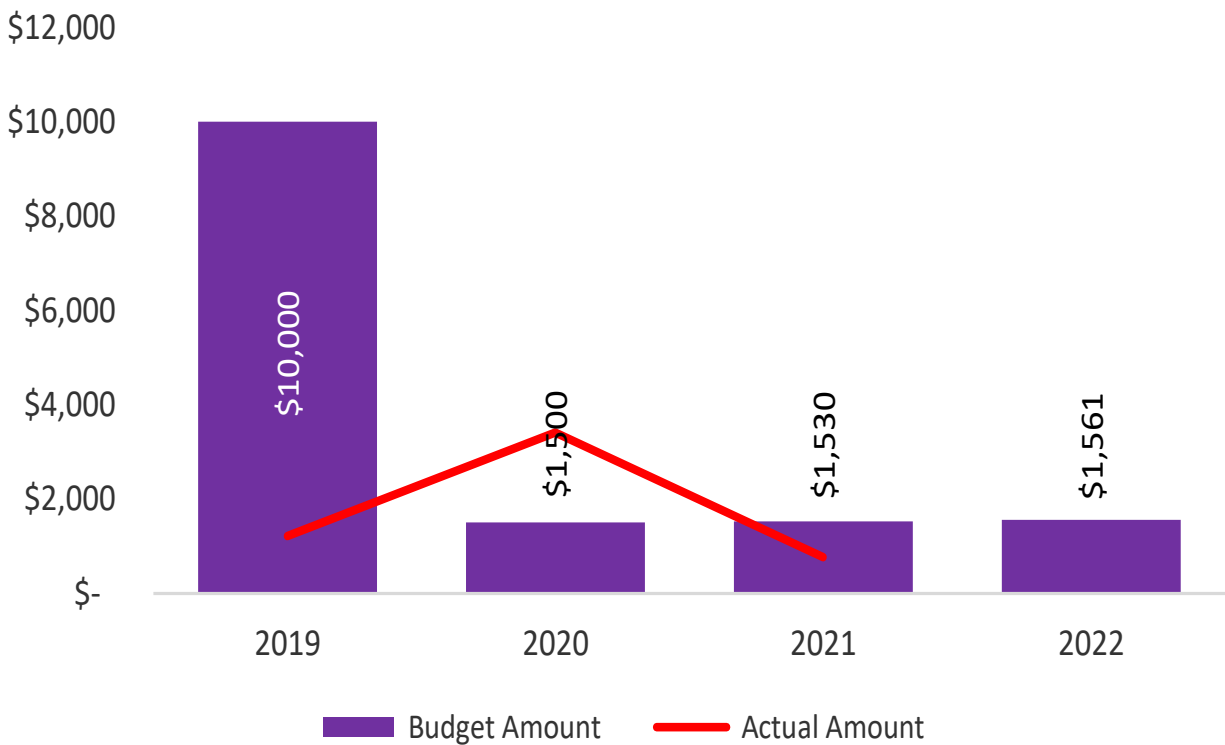
04-506-51030

Repair & Maintenance – Meters

The budget category represents the annual projected costs associated with maintaining the District's recycled water meters. For fiscal year 2019-20, there have not been any expenses for this line item.

2017-18 Actual	2018-19 Actual	2019-20 Actual	2020-21 Projected	2021-22 Budget
\$ 9,203	\$ 1,219	\$ 3,413	\$ 761	\$ 1,561

Budget vs. Actual



Recycled Water Division

04-506-51140

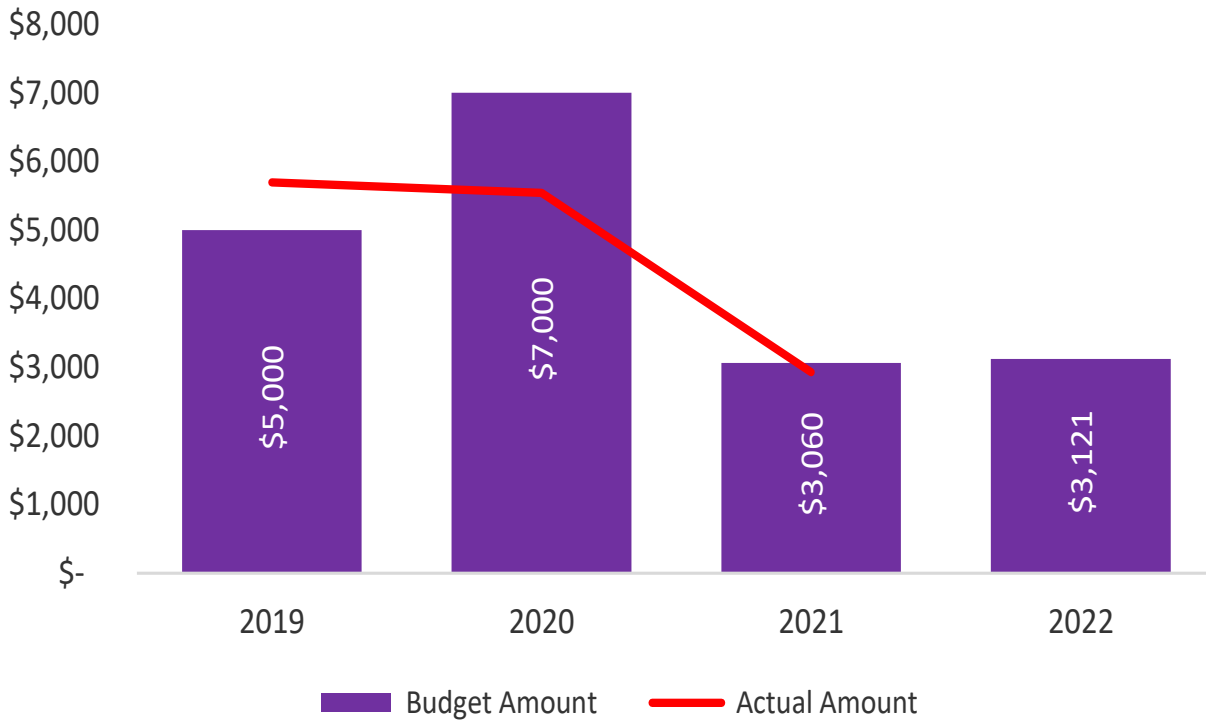
General Supplies & Expenses

This budget includes the supplies and expenses related to the operation of the Recycled Water Division.

2017-18 Actual	2018-19 Actual	2019-20 Actual	2020-21 Projected
\$ 8,855	\$ 5,699	\$ 5,545	\$ 2,926

2021-22 Budget
\$ 3,121

Budget vs. Actual



Recycled Water Division

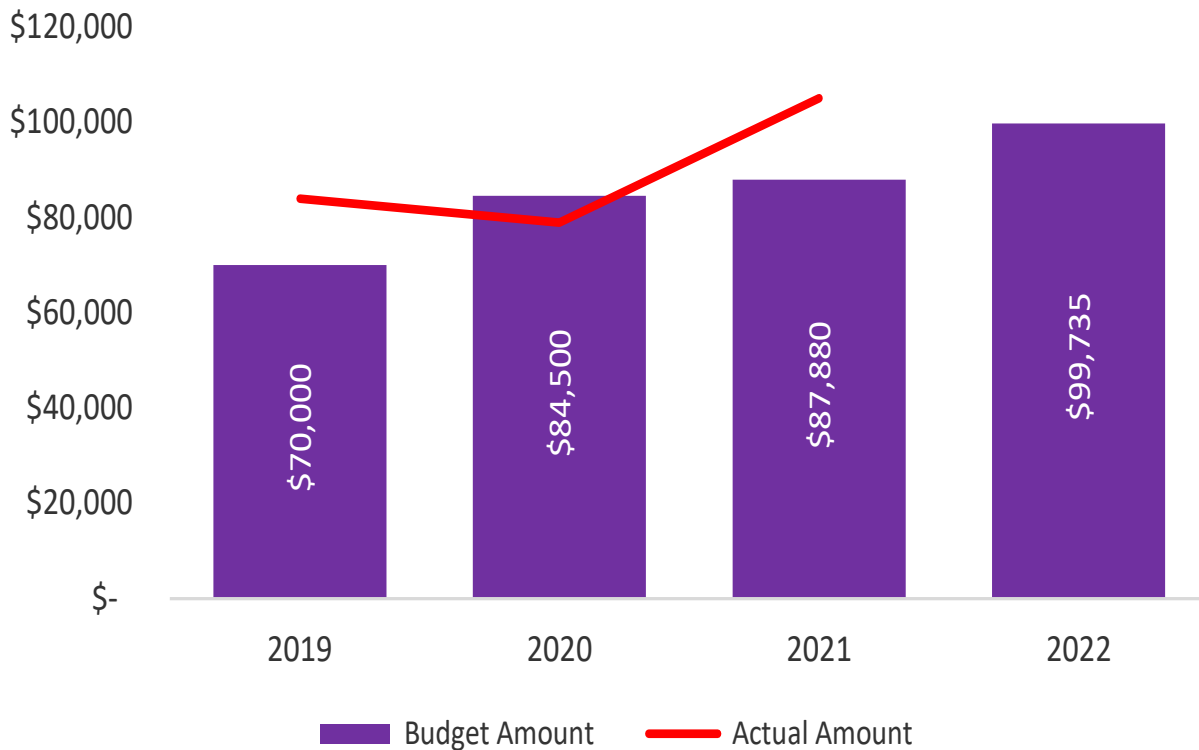
02-506-51210

Utilities – Power Purchases

This budget category includes all electrical power costs related to the operation of the Recycled Water Division.

2017-18 Actual	2018-19 Actual	2019-20 Actual	2020-21 Projected	2021-22 Budget
\$ 80,841	\$ 83,869	\$ 78,893	\$ 104,955	\$ 99,735

Budget vs. Actual



Recycled Water Division

04-506-54002

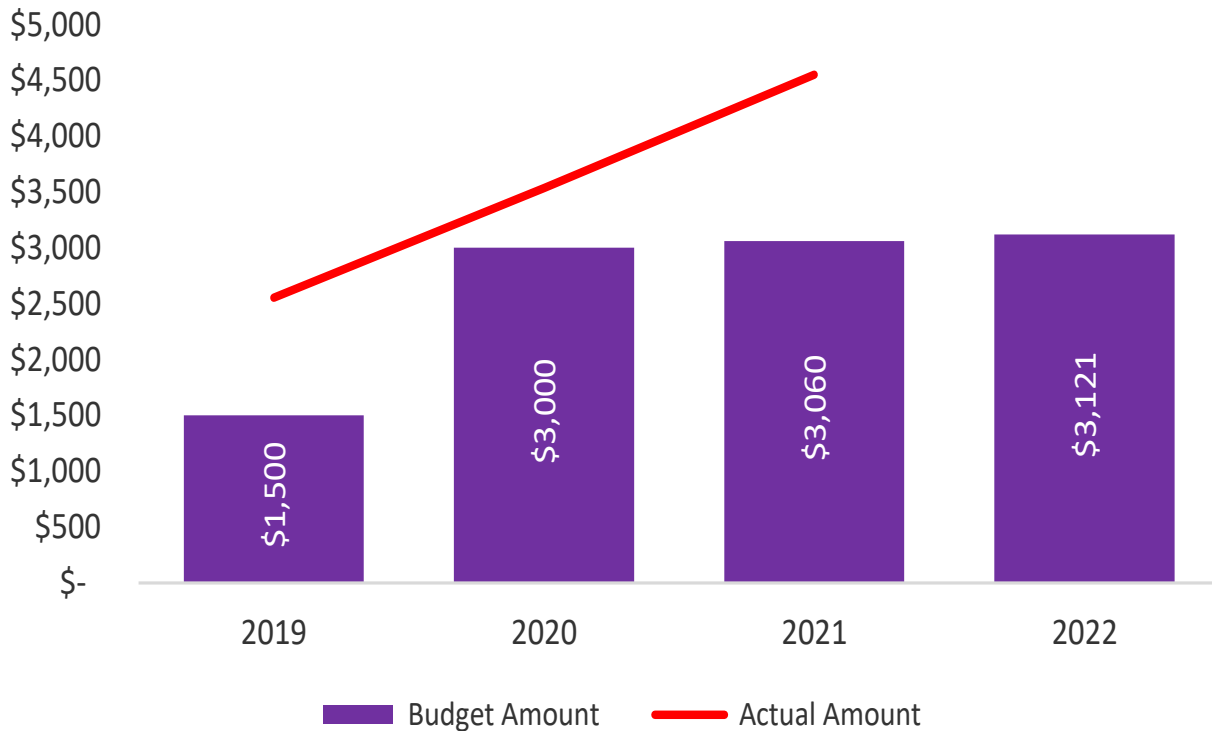
Dues & Subscriptions

This budget category includes all costs related to membership dues and periodical subscriptions for the Recycled Water Division during the fiscal year.

2017-18 Actual	2018-19 Actual	2019-20 Actual	2020-21 Projected
\$ 1,688	\$ 2,552	\$ 3,535	\$ 4,552

2021-22 Budget
\$ 3,121

Budget vs. Actual



Recycled Water Division

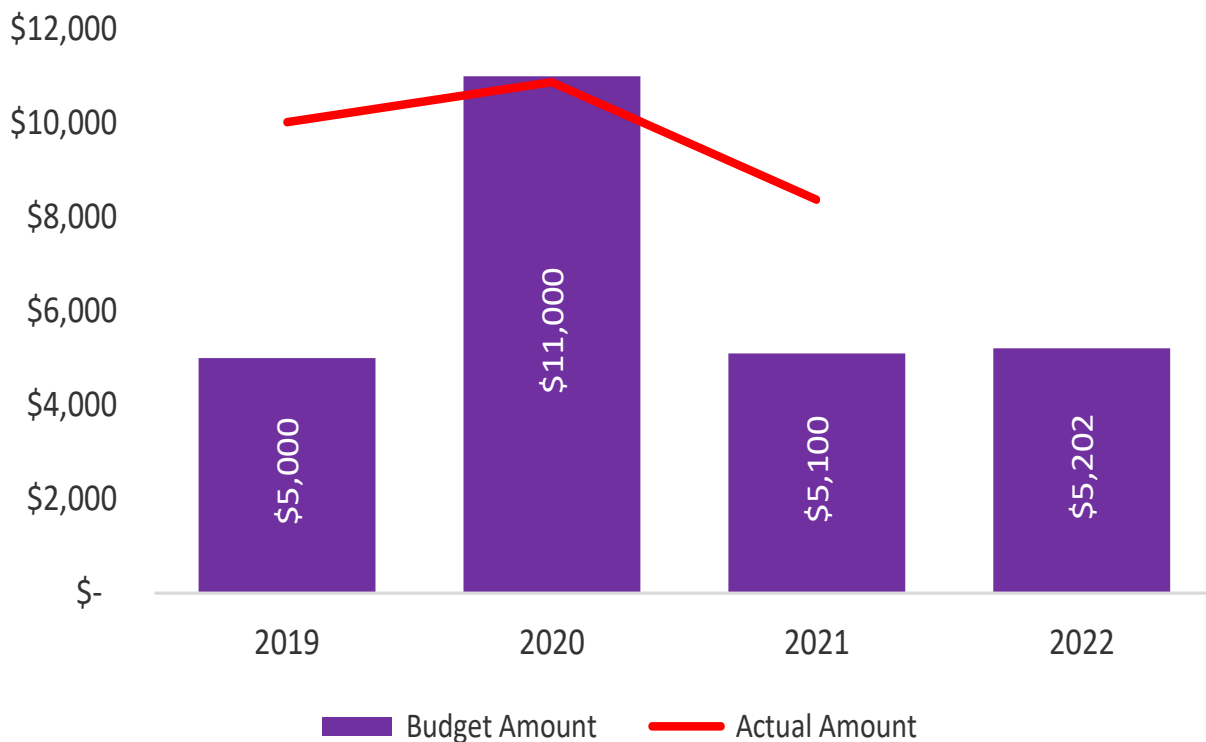
04-506-54005

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.

2017-18 Actual	2018-19 Actual	2019-20 Actual	2020-21 Projected	2021-22 Budget
\$ 11,310	\$ 10,020	\$ 10,875	\$ 8,370	\$ 5,202

Budget vs. Actual



Recycled Water Division

04-506-54012

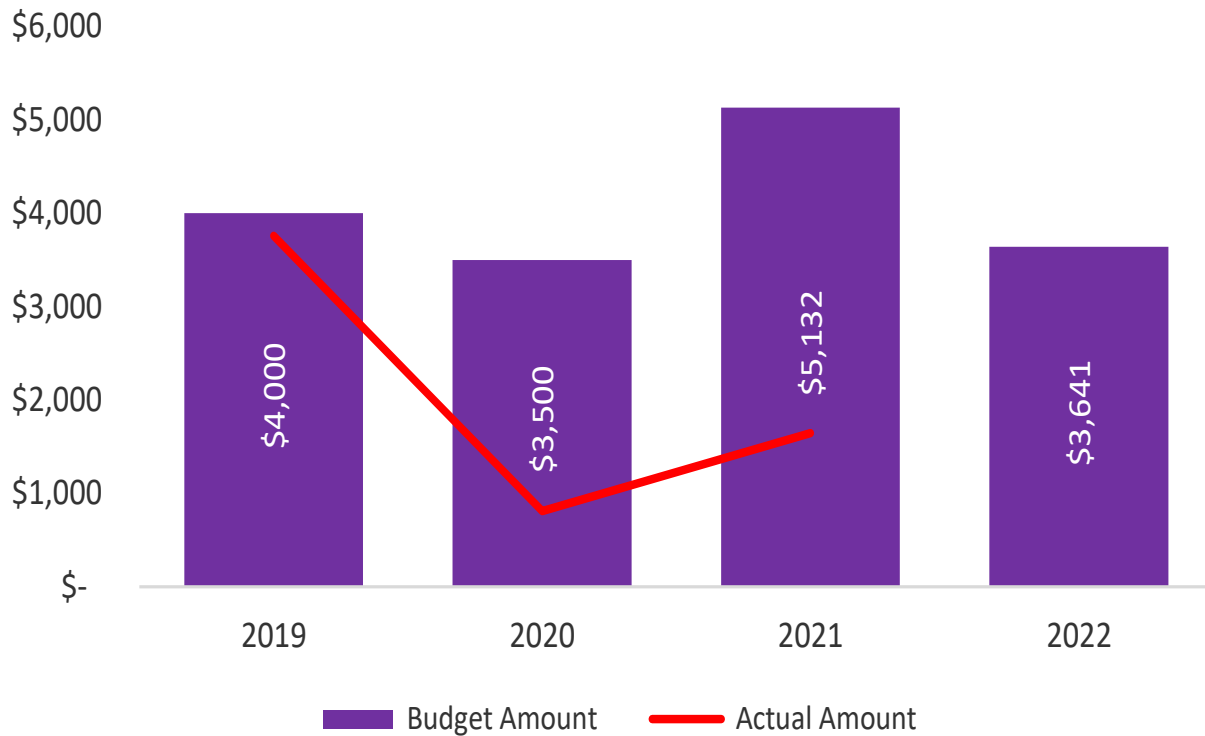
Education & Training

This budget category includes the costs associated with training individuals in the Recycled Water Division.

2017-18 Actual	2018-19 Actual	2019-20 Actual	2020-21 Projected
\$ 4,492	\$ 3,756	\$ 811	\$ 1,646

2021-22 Budget
\$ 3,641

Budget vs. Actual



Recycled Water Division

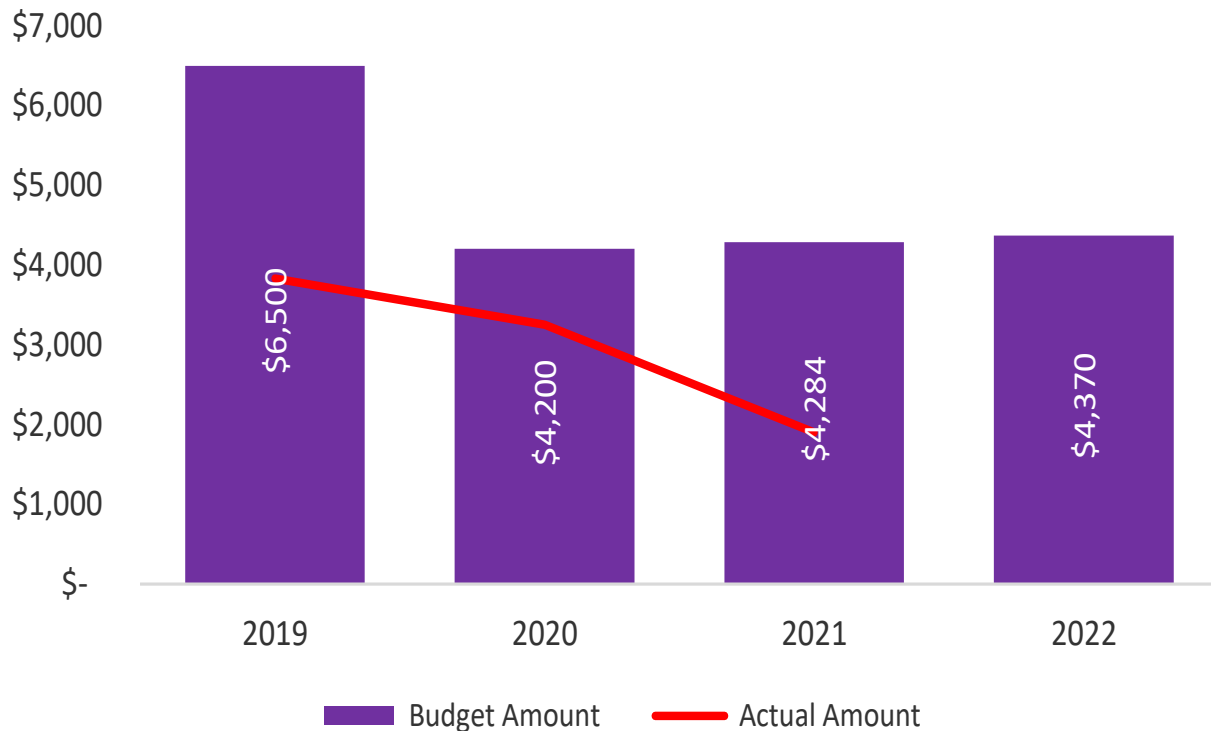
04-506-54014

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. In 2017-18, all historical and future budget data for the Printing and Publications budget category (02-506-54011) was combined here.

2017-18 Actual	2018-19 Actual	2019-20 Actual	2020-21 Projected	2021-22 Budget
\$ 3,156	\$ 3,833	\$ 3,249	\$ 1,901	\$ 4,370

Budget vs. Actual



Recycled Water Division

04-506-54016

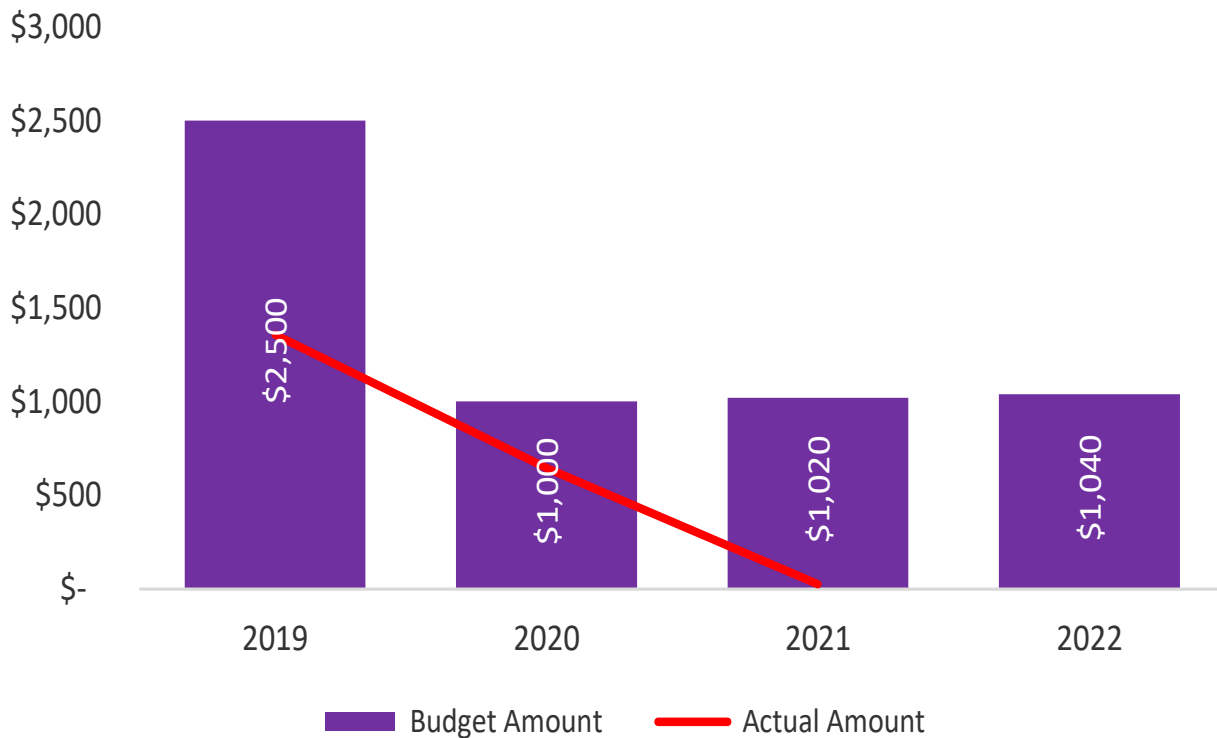
Travel Related Expenses

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

2017-18 Actual	2018-19 Actual	2019-20 Actual	2020-21 Projected
\$ 5,363	\$ 1,357	\$ 646	\$ 24

2021-22 Budget
\$ 1,040

Budget vs. Actual



Recycled Water Division

04-506-54017

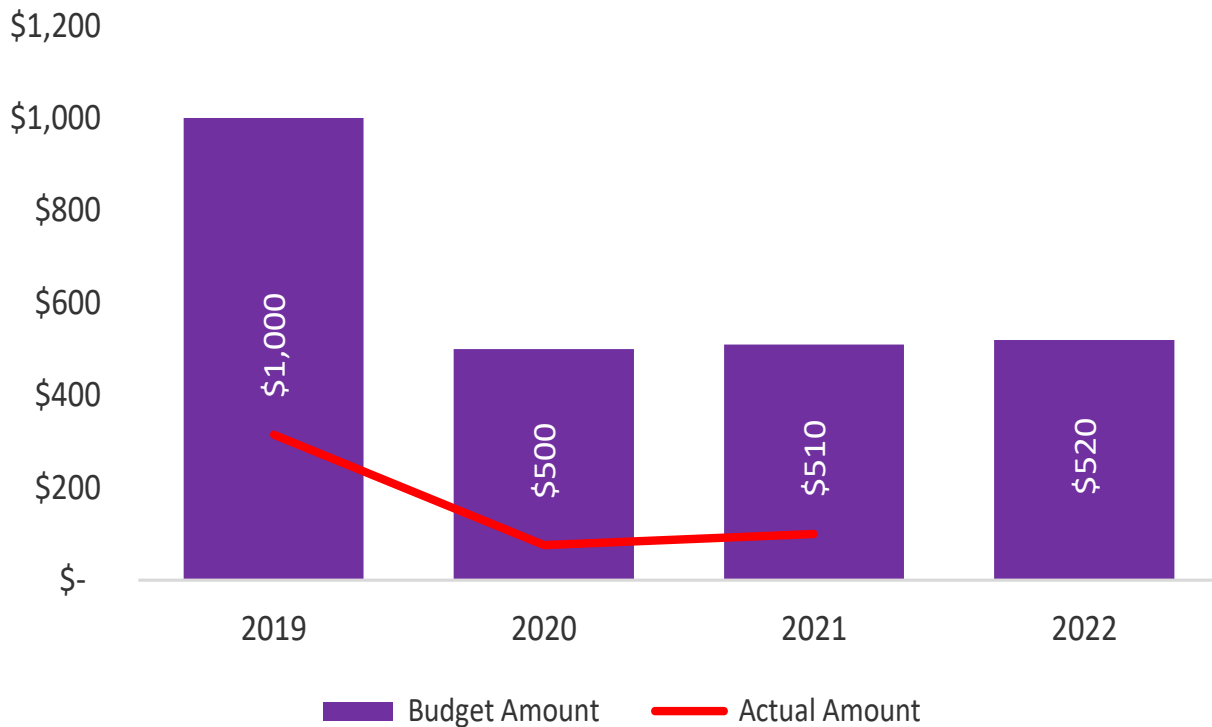
Certifications & Renewals

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

2017-18 Actual	2018-19 Actual	2019-20 Actual	2020-21 Projected
\$ 1,371	\$ 315	\$ 75	\$ 100

2021-22 Budget
\$ 520

Budget vs. Actual



Recycled Water Division

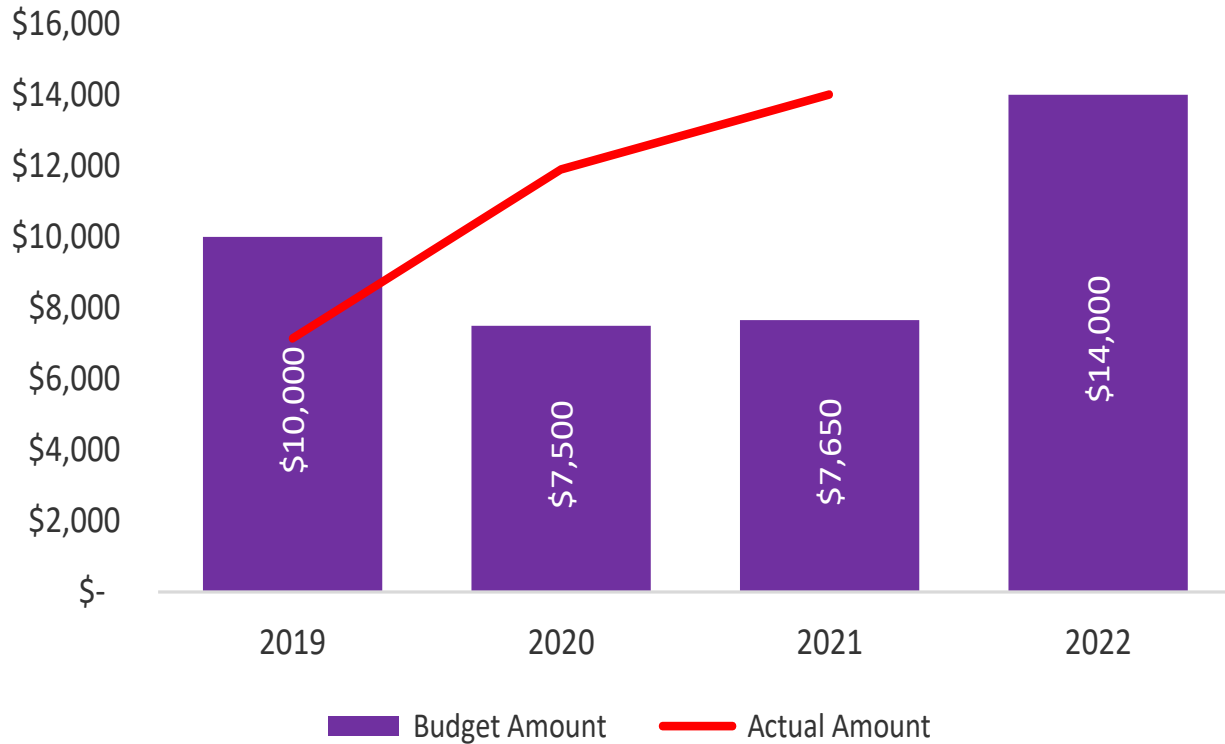
04-506-54019

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. In fiscal year 2019-20 costs for the State Water Resources Control Board were higher than budgeted.

2017-18 Actual	2018-19 Actual	2019-20 Actual	2020-21 Projected	2021-22 Budget
\$ 11,156	\$ 7,146	\$ 11,898	\$ 14,012	\$ 14,000

Budget vs. Actual



Recycled Water Division

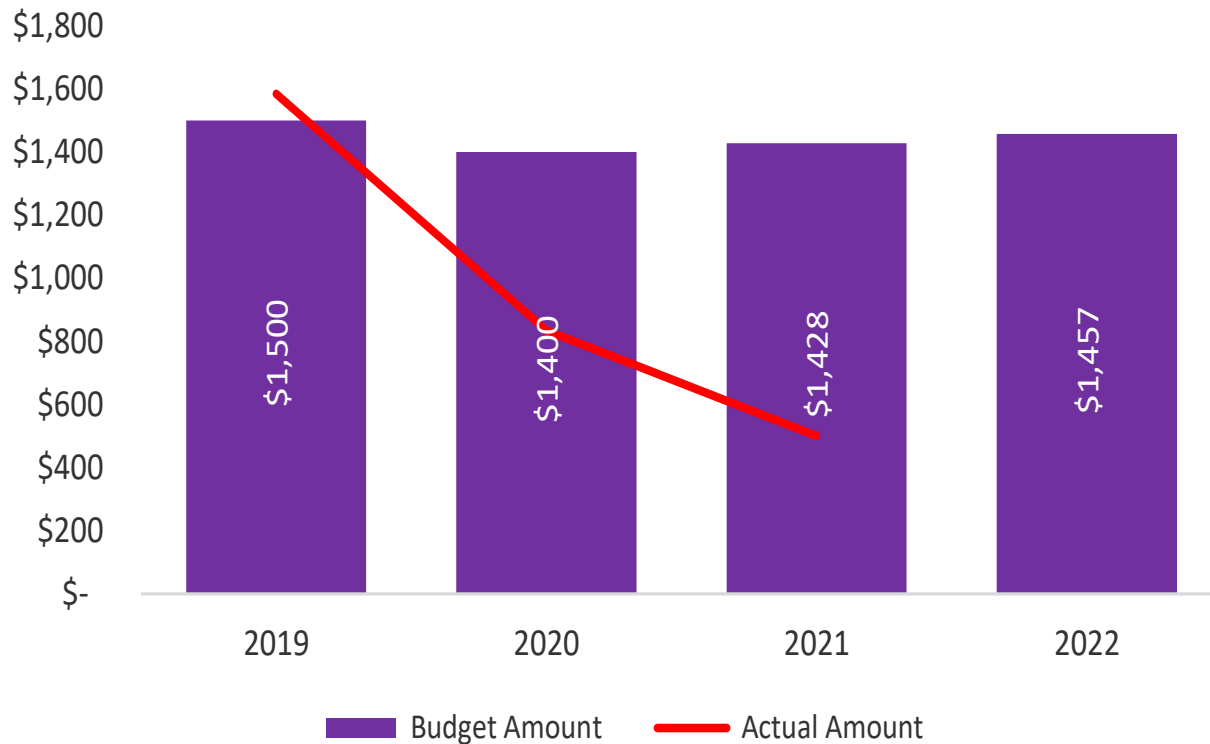
04-506-54020

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.

2017-18 Actual	2018-19 Actual	2019-20 Actual	2020-21 Projected	2021-22 Budget
\$ 1,401	\$ 1,584	\$ 834	\$ 500	\$ 1,457

Budget vs. Actual



Recycled Water Division

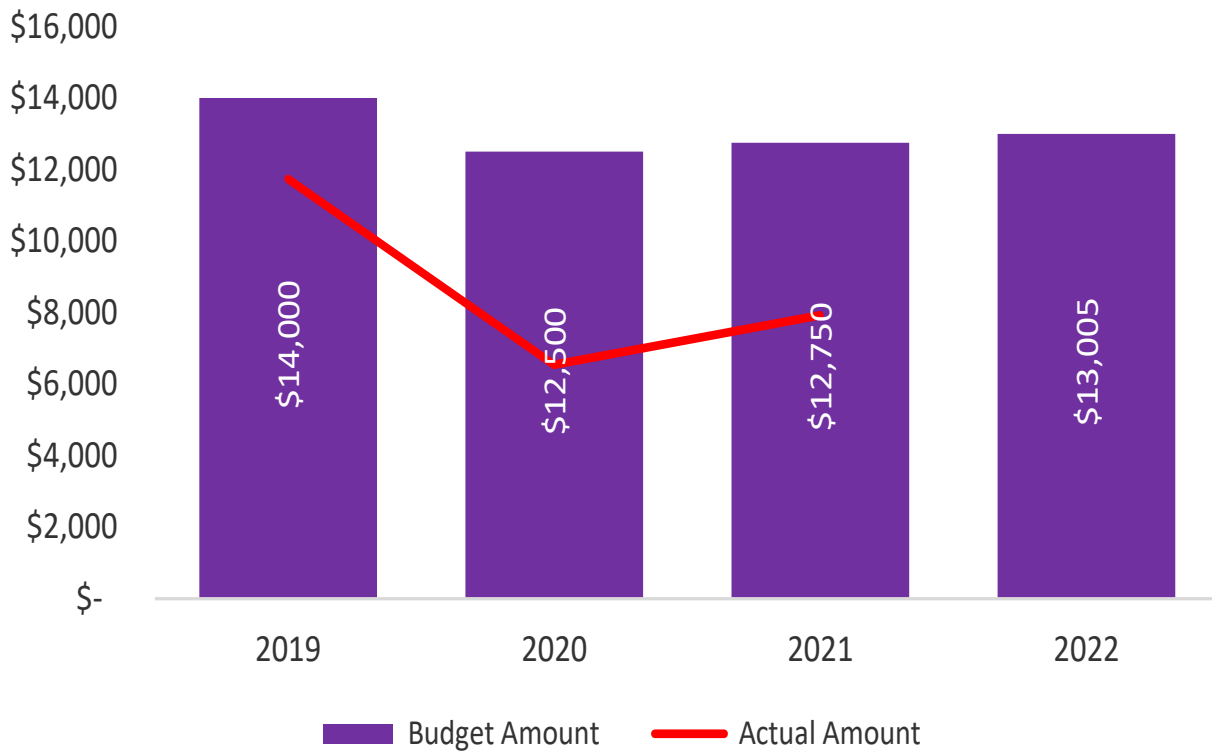
04-506-54022

Utilities – YVWD Services

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

2017-18 Actual	2018-19 Actual	2019-20 Actual	2020-21 Projected	2021-22 Budget
\$ 24,068	\$ 11,748	\$ 6,543	\$ 7,920	\$ 13,005

Budget vs. Actual



Recycled Water Division

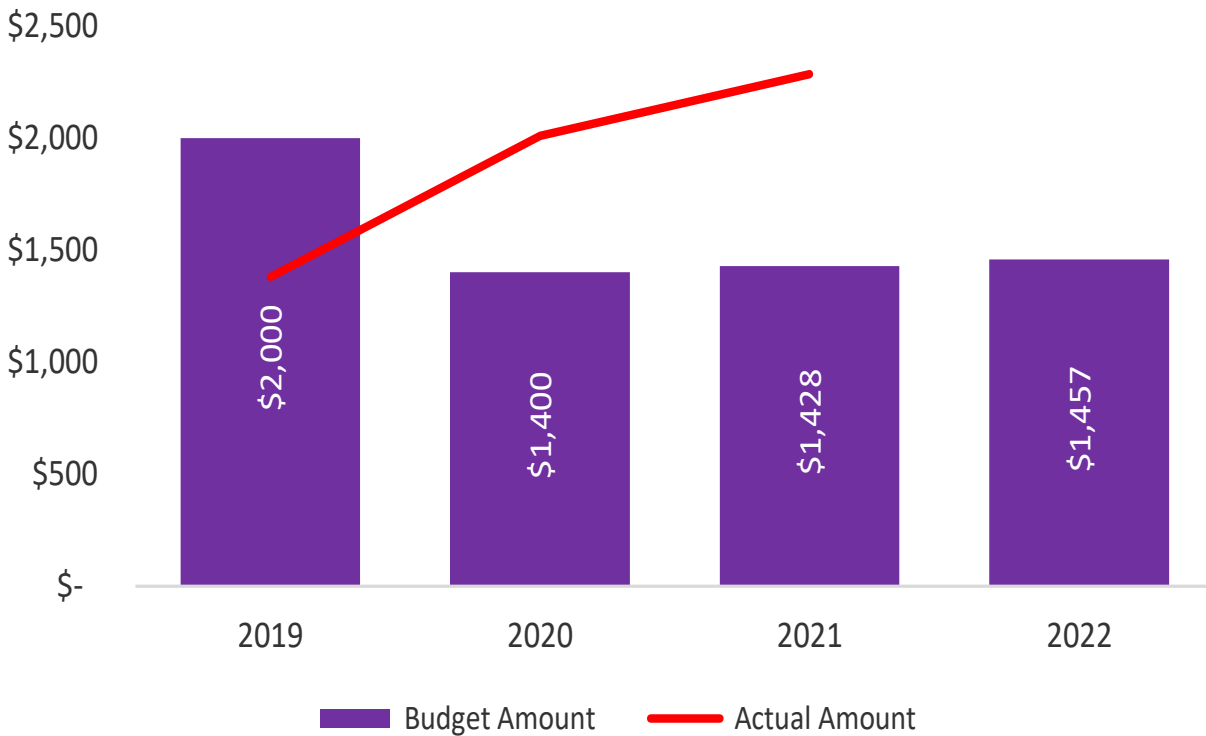
04-506-54025

Telephone & Internet

This line item is used for telephone and internet costs allocated to the Recycled Water Division.

2017-18 Actual	2018-19 Actual	2019-20 Actual	2020-21 Projected	2021-22 Budget
\$ 2,059	\$ 1,379	\$ 2,009	\$ 2,284	\$ 1,457

Budget vs. Actual



Recycled Water Division

04-506-54104

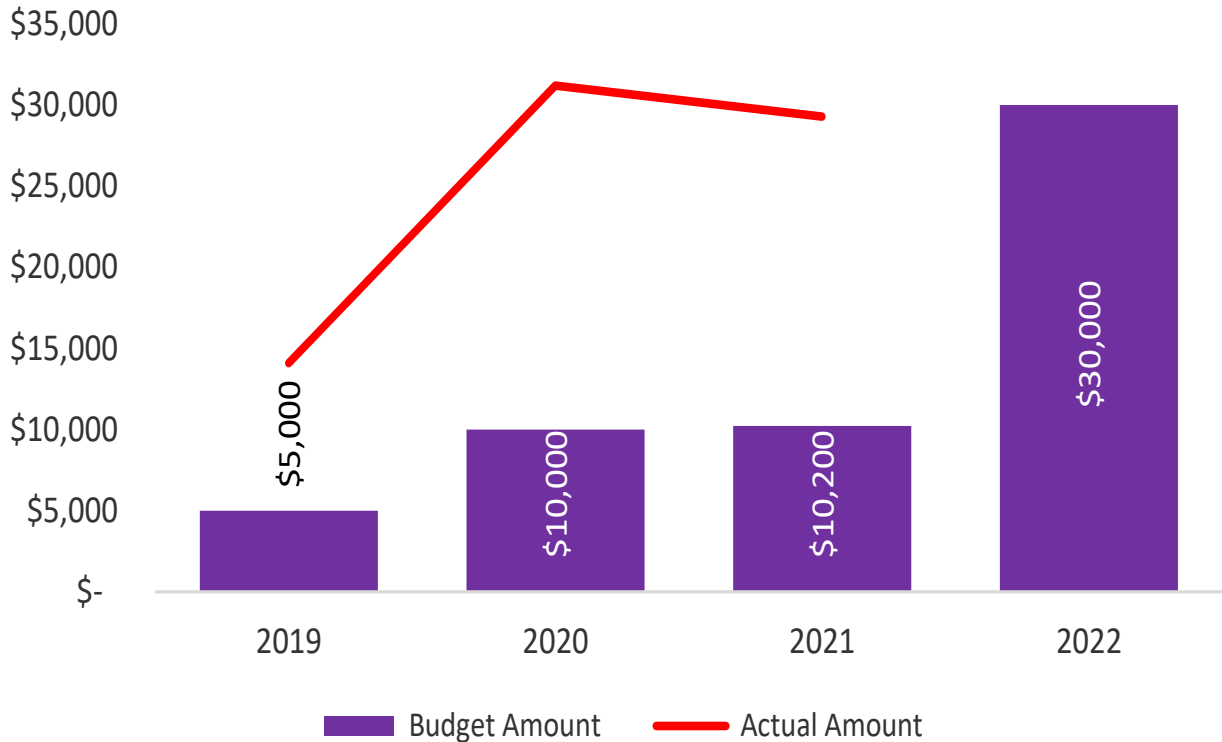
Contractual Services

This budget category includes the general contract service costs for equipment and services within the Recycled Water Division. Fiscal year 2018-19 included one-time charges for WaterTrax, Caselle and Elements, as well as data mitigation.

2017-18 Actual	2018-19 Actual	2019-20 Actual	2020-21 Projected
\$ 4,184	\$ 14,071	\$ 31,187	\$ 29,290

2021-22 Budget
\$ 30,000

Budget vs. Actual



Recycled Water Division

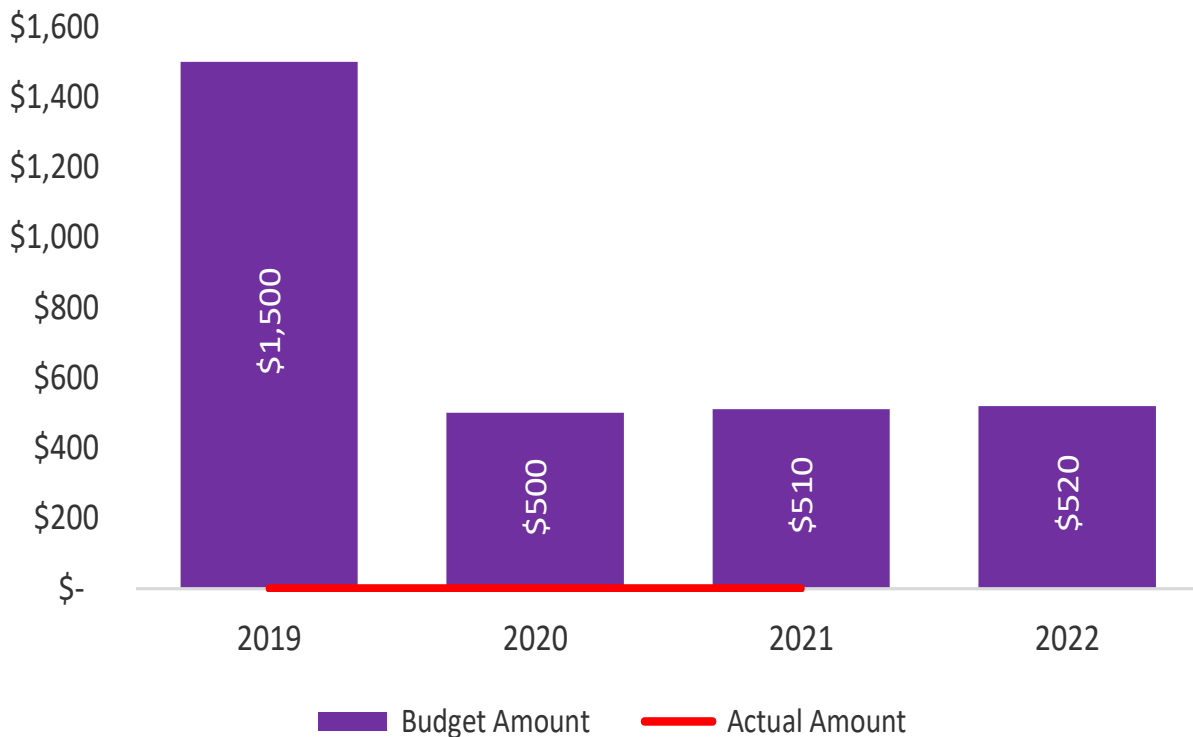
04-506-54107

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).

2017-18 Actual	2018-19 Actual	2019-20 Actual	2020-21 Projected	2021-22 Budget
\$ -	\$ -	\$ -	\$ -	\$ 520

Budget vs. Actual



Recycled Water Division

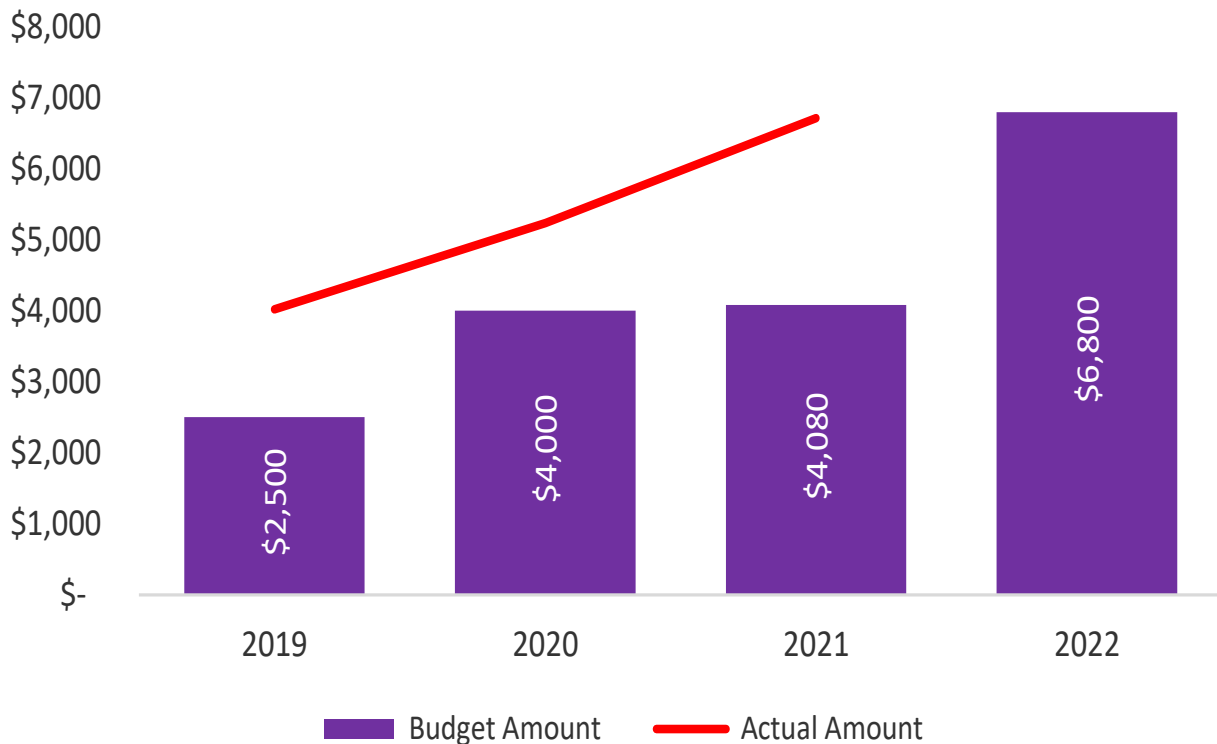
04-506-54108

Audit & Accounting

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

2017-18 Actual	2018-19 Actual	2019-20 Actual	2020-21 Projected	2021-22 Budget
\$ 1,950	\$ 4,018	\$ 5,237	\$ 6,717	\$ 6,800

Budget vs. Actual



Recycled Water Division

04-506-54109

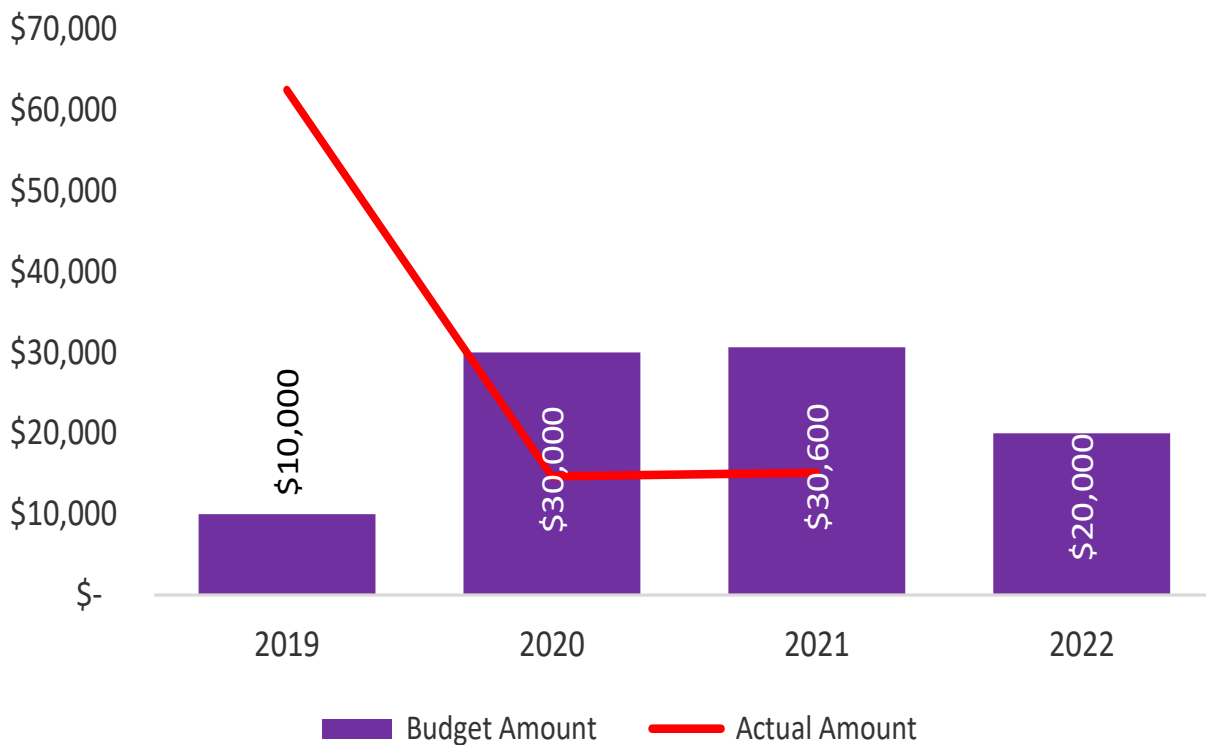
Professional Services

This budget category represents the annual projected costs associated with professional fees for engineering type services for this division.

2017-18 Actual	2018-19 Actual	2019-20 Actual	2020-21 Projected
\$ 97,338	\$ 62,481	\$ 14,648	\$ 15,134

2021-22 Budget
\$ 20,000

Budget vs. Actual



Recycled Water Division

04-506-56001

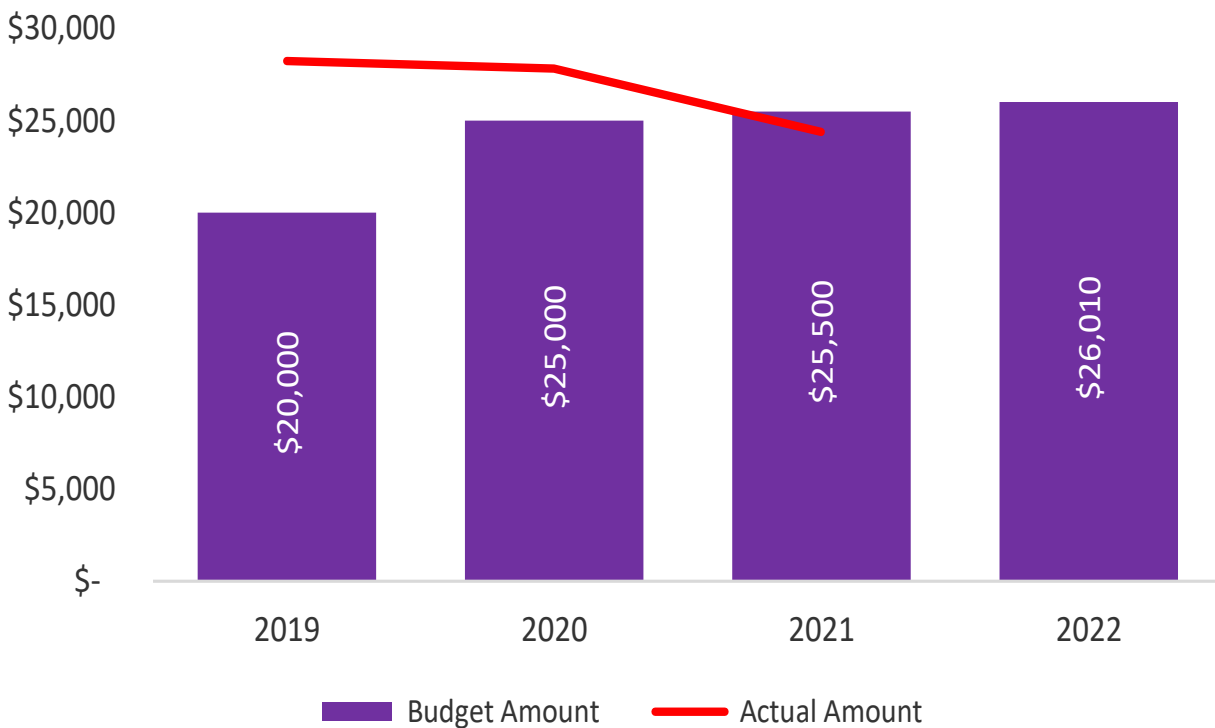
Insurance

This budget category represents the annual projected costs associated with insurance coverage related to general, auto, and property insurance.

2017-18 Actual	2018-19 Actual	2019-20 Actual	2020-21 Projected
\$ 20,991	\$ 28,237	\$ 27,830	\$ 24,402

2021-22 Budget
\$ 26,010

Budget vs. Actual



Recycled Water Division

04-506-57030

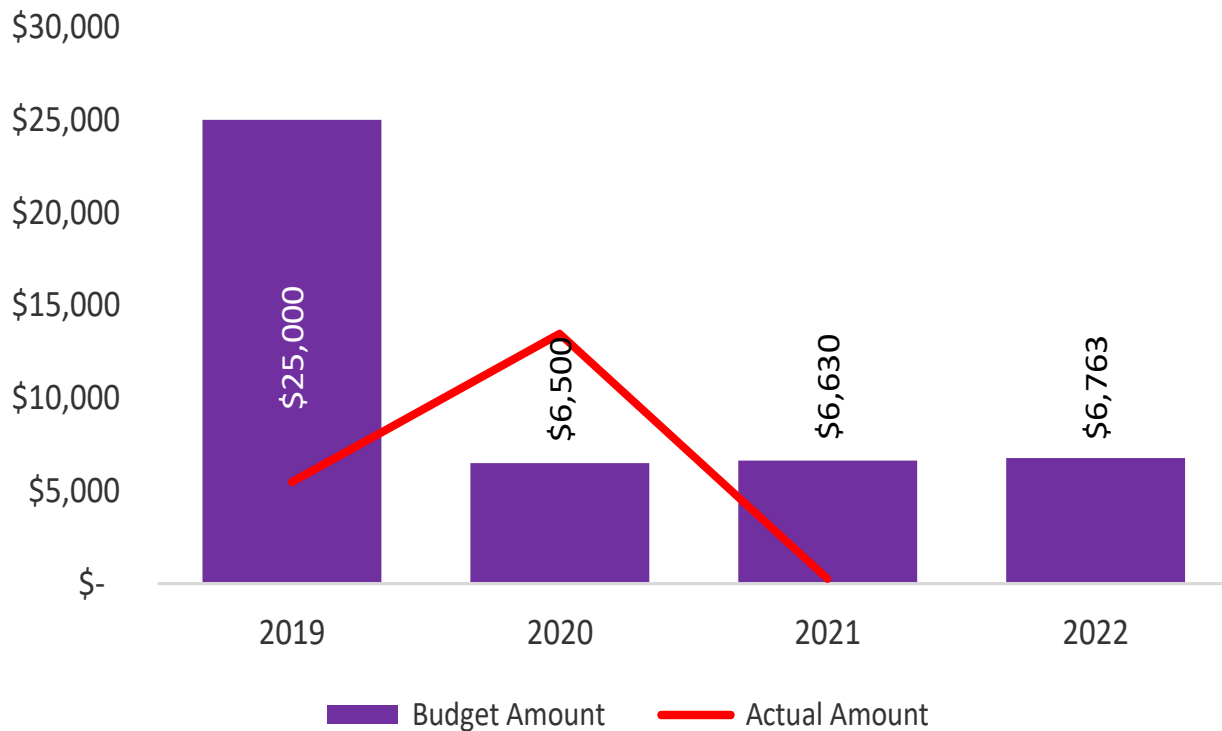
Regulatory Compliance

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). This will continue in fiscal year 2020-21.

2017-18 Actual	2018-19 Actual	2019-20 Actual	2020-21 Projected
\$ 30,753	\$ 5,468	\$ 13,472	\$ 244

2021-22 Budget
\$ 6,763

Budget vs. Actual



Recycled Water Division

04-506-57040

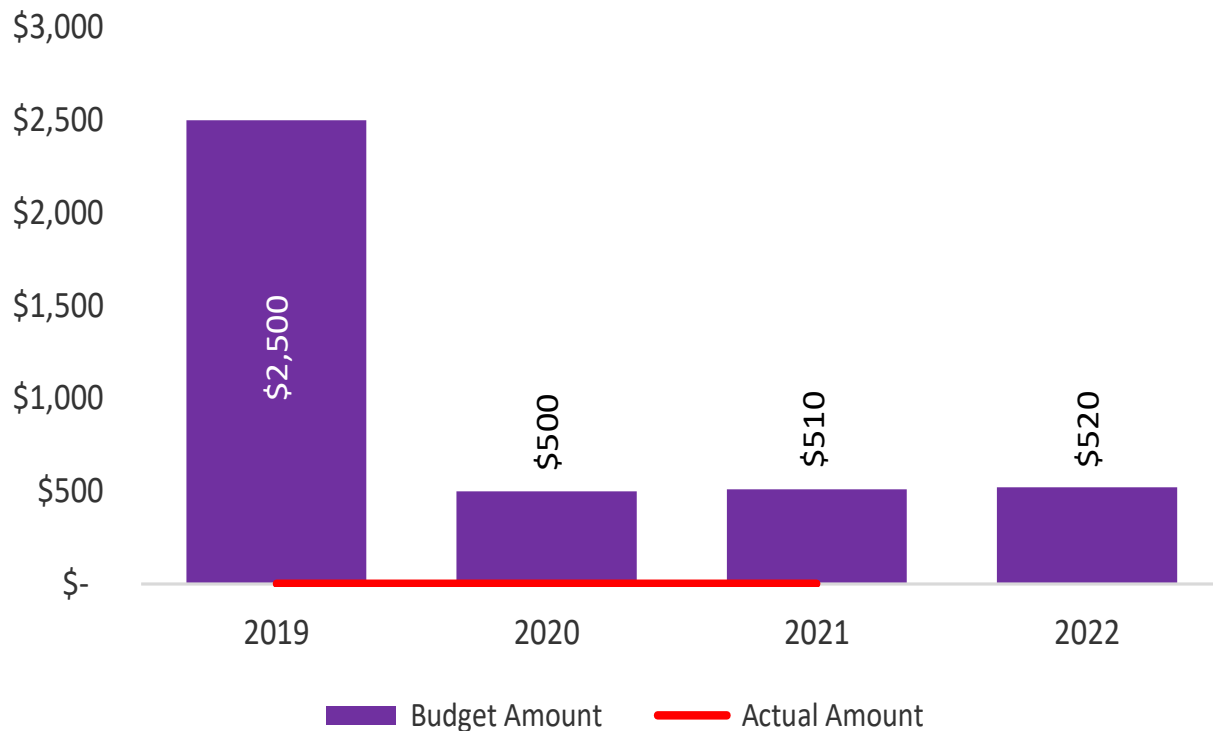
Environmental Compliance

This budget category is used for environmental compliance issues within the Recycled Water Division.

2017-18 Actual	2018-19 Actual	2019-20 Actual	2020-21 Projected
\$ -	\$ -	\$ -	\$ -

2021-22 Budget
\$ 520

Budget vs. Actual





Chapter Five

Fiscal Year 2022

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	FY 2020-21	Actual Cost 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	Estimated Project Cost
1	General	Reserves	Demolition Project - 2nd Street	87441	Remove			\$ 106,168							\$ 106,168
2	General	Reserves	Tesla Battery Back-Up	various	New			\$ 20,000							\$ 20,000
3	General	Reserves	District Property Grading/Improvements - Main Office	87422	New					\$ 1,000,000					\$ 1,000,000
4	General	Reserves	Additional Radio Tower and Base Station	TBD	New						\$ 35,000				\$ 35,000
5	YVRWFF	Grant/ Reserves	Automated Meter Infrastructure – Large Meter Replacement	TBD	Replace			\$ 300,000							\$ 300,000
6	YVRWFF	Reserves	Oak View Drinking Water Pipeline (District Project)	TBD	Replace			\$ 230,000							\$ 230,000
7	YVRWFF	Reserves	R17.1.1/1.2 Replacement	90857	Replace			\$ 1,700,000							\$ 1,700,000
8	YVRWFF	Reserves	Wastewater Plant Road - Drinking Water Mainline	95935	Replace			\$ 1,600,000							\$ 1,600,000
9	YVRWFF	Reserves	Residential Pipeline Replacement Bundle (Date, Peachtree, 2nd)	89008/ 89009	Replace			\$ 2,500,000							\$ 2,500,000
10	YVRWFF	Reserves	Engie - Energy Resilience Project (Site Prep)	92526	New			\$ 100,000							\$ 100,000
11	YVRWFF	Reserves	Pressure Management Program	94109	New			\$ 60,000							\$ 60,000
12	YVRWFF	Reserves	Well 12 Site Improvements	79011	Rehab			\$ 40,000							\$ 40,000
13	YVRWFF	Reserves	Cella Lane Pipeline Replacement (District Project)	95940	Replace			\$ 200,000							\$ 200,000
14	YVRWFF	Reserves	Wilson III Pipeline Relocation - Second Street	81003	Relocation			\$ 250,000							\$ 250,000
15	YVRWFF	Reserves	Drain Line for the Existing R-14 Reservoir	96839	New			\$ 70,000							\$ 70,000
16	YVRWFF	Reserves	Booster Station 13.2	81607	New/Replace				\$ 100,000		\$ 5,000,000				\$ 5,100,000
17	YVRWFF	Reserves	Carter Street Pipeline Replacement (District Project)	96143	Replace				\$ 185,000						\$ 185,000
18	YVRWFF	Reserves	Booster Station 16.1.1/16.1.2	92338	New				\$ 600,000						\$ 600,000
19	YVRWFF	Reserves	Panorama Drive Pipeline Replacement	89284	Replace				\$ 1,150,000						\$ 1,150,000
20	YVRWFF	Reserves	Drinking Water Pipeline - R16.2	81603	New				\$ 1,200,000						\$ 1,200,000
21	YVRWFF	Reserves	R16.2 Site Upgrade	87440	New				\$ 3,500,000						\$ 3,500,000
22	YVRWFF	Grant/Loan	Salinity/Concentrate Reduction and Minimization (SCRAM)	TBD	New				\$ 10,500,000						\$ 10,500,000
23	YVRWFF	Reserves	Myrtlewood Drive Pipeline Replacement	89722	Replace				\$ 600,000						\$ 600,000
24	YVRWFF	Reserves	Bryant Street/Juniper Avenue/Ivy Avenue	95937	Replace				\$ 1,000,000						\$ 1,000,000
25	YVRWFF	Reserves	North Bench 16 Zone Loop	89464	New					\$ 500,000					\$ 500,000
26	YVRWFF	Reserves	Oak Glen Road Pipeline (Pisgah Peak)	95360	Replace					\$ 450,000					\$ 450,000
27	YVRWFF	Reserves	Bryant Street 15 Zone Interconnection	95904	New					\$ 650,000					\$ 650,000
28	YVRWFF	Reserves	Date Avenue - 2nd to California	95304	Replace					\$ 400,000					\$ 400,000
29	YVRWFF	Reserves	Lincoln Drive; Water Main (District Project)	TBD	Replace					\$ 110,000					\$ 110,000
30	YVRWFF	Reserves	Avenue B, West of 2nd Street (District Project)	TBD	Replace					\$ 170,000					\$ 170,000
31	YVRWFF	Reserves	Acacia Lane East of Douglas Street; Water Main (District Project)	TBD	Replace					\$ 259,000					\$ 259,000
32	YVRWFF	Reserves	Crestview Drive from Douglas Street to Sutter Avenue (District Project)	TBD	Replace					\$ 327,000					\$ 327,000
33	YVRWFF	Reserves	Oak Glen Filtration Facility Rehabilitation	TBD	Rehab					\$ 200,000					\$ 200,000
34	YVRWFF	Reserves	30" Yucaipa Boulevard to Wildwood Canyon	81448	New						\$ 1,750,000				\$ 1,750,000
35	YVRWFF	Reserves	Oak Hills Pipeline - Phase 1, 2, 3	65-24544	Replace						\$ 1,600,000	\$ 1,000,000			\$ 2,600,000
36	YVRWFF	Reserves	Booster Station 15.1	TBD	New						\$ 1,225,000				\$ 1,225,000
37	YVRWFF	Reserves	R 17.2 Replacement	81604	Replace							\$ 2,000,000			\$ 2,000,000
38	YVRWFF	Reserves	Avenue A Alley Pipeline	81488	Replace							\$ 300,000			\$ 300,000
39	YVRWFF	Reserves	Knoll Drive Pipeline Replacement	89496	Replace							\$ 200,000			\$ 200,000
40	YVRWFF	Reserves	Acacia Avenue West of Douglas Street; Water Main (District Project)	TBD	Replace							\$ 100,000			\$ 100,000
41	YVRWFF	Reserves	Ruby Court; Water Main (District Project)	TBD	Replace							\$ 50,000			\$ 50,000
42	YVRWFF	Reserves	Nebraska Lane from 6th to Colorado Street (District Project)	TBD	Replace							\$ 155,000			\$ 155,000
43	YVRWFF	Reserves	Pipeline 4th St. / Yucaipa Boulevard / 5th Street	TBD	New								\$ 938,000		\$ 938,000
44	YVRWFF	Reserves	R 18.4 Replacement	87171	Replace									\$ 1,600,000	\$ 1,600,000
45	YVRWFF	Reserves	Pipeline Between R16.2 and R-17.2 - Design and Cost	96697	New									\$ 1,350,000	\$ 1,350,000
46	WRWRF	Reserves	I-10 Bore and Jack - Dunlap Crossing	81883	New			\$ 1,200,000							\$ 1,200,000
47	WRWRF	Reserves	Oak Glen Road Sewer Pipeline	95212	New			\$ 650,000							\$ 650,000
48	WRWRF	Reserves	Secondary Treatment Improvements Project (STIP)	87041	Replace			\$ 768,520	\$ 1,055,480						\$ 1,824,000
49	WRWRF	Reserves	Engie - Energy Resilience Project (Site Prep/Gas Line)	91024	New			\$ 1,000,000							\$ 1,000,000
50	WRWRF	Reserves	Tract 20415 Sewer Mainline Extension	95271	New			\$ 300,000							\$ 300,000
51	WRWRF	Reserves	Replacement DAF Equipment	95902	Replace			\$ 1,000,000							\$ 1,000,000
52	WRWRF	SCIP	Summerwind/Oak Valley Improvements	81279	New/Replace			\$ 1,000,000	\$ 2,500,000						\$ 3,500,000
53	WRWRF	Grant/Loan	Salinity and Groundwater Enhancement (SAGE)	95290	Replace	\$ 1,811,004	\$ 98,600	\$ 20,811,004							\$ 20,909,604
54	WRWRF	Reserves	Fencing at WRWRF Exit to Live Oak Canyon Rd.	TBD	New			\$ 100,000							\$ 100,000
55	WRWRF	Reserves	Digester Feed Valve and Actuator	TBD	Replace			\$ 100,000	\$ 100,000	\$ 15,000					\$ 215,000
56	WRWRF	Reserves	Belt Press Building Rehabilitation	TBD	Rehab			\$ 50,000							\$ 50,000
57	WRWRF	Reserves	Lab De-Ionized Water System	TBD	Replace			\$ 15,000							\$ 15,000
58	WRWRF	Reserves	Myrtlewood Drive Sewer Installation	89722	New				\$ 650,000						\$ 650,000
59	WRWRF	Reserves	Digester Boiler Replacement and Cleaning	89991	Replace				\$ 1,000,000						\$ 1,000,000
60	WRWRF	Reserves	Backwash Return Basin Pump Replacement and Relocation	TBD	Replace				\$ 50,000						\$ 50,000
61	WRWRF	Reserves	Methane Waste Gas Flare	TBD	Replace				\$ 1,300,000						\$ 1,300,000
62	WRWRF	Reserves	Lift Station 2 Replacement/Relocation	TBD	Replace					\$ 1,000,000					\$ 1,000,000
63	WRWRF	Reserves	Lift Station 8 Replacement/Relocation	95899	Replace						\$ 1,000,000				\$ 1,000,000
64	WRWRF	Reserves	Lift Station 4 Replacement/Relocation	TBD	Replace							\$ 1,000,000			\$ 1,000,000

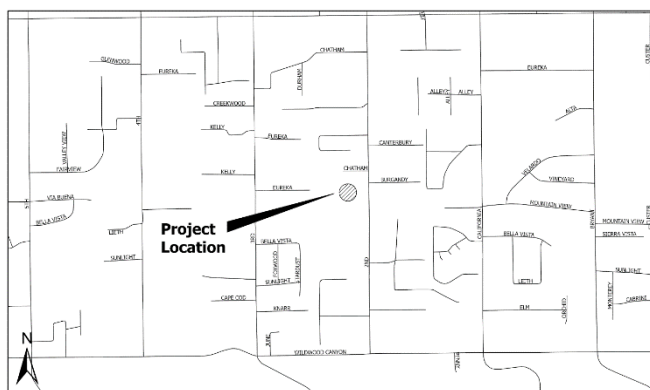
YVWD-Capital Improvement Projects				Elements Task	Project Type	FY 2020-21	Actual Cost 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	Estimated Project Cost
65	WRWRF	Reserves	Lift Station 3	TBD	New							\$ 1,200,000			\$ 1,200,000
66	WRWRF	Reserves	Sewer Mainline Deficiency - Calimesa Boulevard (Pipeline)	TBD	Replace							\$ 1,200,000			\$ 1,200,000
67	RW	Grant/Loan	ASR Calimesa	95280	New		\$ 1,028,300	\$ 1,500,000	\$ 4,500,000						\$ 7,028,300
68	RW	Grant/Loan	Calimesa Recycled Water Conveyance Pipeline	81810	New		\$ 420,100	\$ 2,500,000	\$ 2,500,000						\$ 5,420,100
69	RW	SCIP	Shopoff Recycled Water Tank(s) (12 zone)	95916	New			\$ 2,000,000							\$ 2,000,000
70	RW	Reserves	5th Street Recycled Water Fill Station	95922	New			\$ 250,000							\$ 250,000
71	RW	Reserves	Recycled Water Pipeline for R16.2	91817	New					\$ 4,217,800					\$ 4,217,800
Total						\$ 1,811,004	\$ 1,547,000	\$ 40,420,692	\$ 32,490,480	\$ 9,298,800	\$ 10,610,000	\$ 7,205,000	\$ 938,000	\$ 2,950,000	\$ 105,459,972
CIP Funding Total by Division						FY 2020-21	Actual Cost 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	Totals
General						\$ -	\$ -	\$ 126,168	\$ -	\$ 1,000,000	\$ 35,000	\$ -	\$ -	\$ -	\$ 1,161,168
Water Treatment (YVRWFF)						\$ -	\$ -	\$ 7,050,000	\$ 18,835,000	\$ 3,066,000	\$ 9,575,000	\$ 3,805,000	\$ 938,000	\$ 2,950,000	\$ 46,219,000
Wastewater Treatment (WRWRF)						\$ 1,811,004	\$ 98,600	\$ 26,994,524	\$ 6,655,480	\$ 1,015,000	\$ 1,000,000	\$ 3,400,000	\$ -	\$ -	\$ 40,974,608
Recycled Water (RW)						\$ -	\$ 1,448,400	\$ 6,250,000	\$ 7,000,000	\$ 4,217,800	\$ -	\$ -	\$ -	\$ -	\$ 18,916,200
Totals						\$ 1,811,004	\$ 1,547,000	\$ 40,420,692	\$ 32,490,480	\$ 9,298,800	\$ 10,610,000	\$ 7,205,000	\$ 938,000	\$ 2,950,000	\$ 105,459,972

Funding Sources	
Reserves	\$ 55,801,968
SCIP	\$ 5,500,000
Grant/Reserves	\$ 300,000
Grant/Loan	\$ 43,858,004
	\$ 105,459,972

YUCAIPA VALLEY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

Project	Demolition Project – 2 nd Street		
Division	General	Projected Dates	2021-22
Elements #	87441	Priority	Important

FUNDING SOURCE	
Reserves/Depreciation	\$ 106,168
Development Impact Fees	\$ 0
Federal Participation	\$ 0
State Participation	\$ 0
Bond Financing	\$ 0
Local Matching	\$ 0
Other Funds	\$ 0
Total	\$ 106,168



LOCATION MAP

Project Background: The Yucaipa Valley Water District recently acquired properties located at 12806 2nd Street, 12816 2nd Street, and 12834 2nd Street, Yucaipa. The District staff has cleared most of the property and has issued an RFP to select a contractor to demolish the existing garage foundations, residential structures, vegetation, and other incidental structures on-site and to remove any remaining debris.

Project Overview: Removal and disposal of the structures at 12806 2nd Street, 12816 2nd Street, 12834 2nd Street, and a Storage Facility on 2nd Street, Yucaipa.

District Benefit: Future location for District office and yard expansion.

Related Project Requirements: Frontage improvements will be required by the City; curb, gutter and sidewalk at time of development of the parcels.

YUCAIPA VALLEY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

Project	Tesla Battery Back-Up		
Division	General	Projected Dates	2021-22
Elements #	95707, 95687, 95927, 95933, 95934, 95936	Priority	Important

FUNDING SOURCE	
Reserves/Depreciation	\$ 20,000
Development Impact Fees	\$ 0
Federal Participation	\$ 0
State Participation	\$ 0
Bond Financing	\$ 0
Local Matching	\$ 0
Other Funds	\$ 0
Total	\$ 20,000

Project Description: The Yucaipa Valley Water District staff has been working with Tesla for the installation of energy storage systems at various water and sewer facilities. The installation of batteries will provide emergency backup power during Public Safety Power Shutoff events by Southern California Edison and reduce energy consumption during peak hours to decrease operational costs. The batteries are funded by the California Self-Generation Incentive Program (SGIP), therefore there is no installation cost or annual service cost for the District. The estimated cost included herein is related to any site modifications that may be required to optimize the

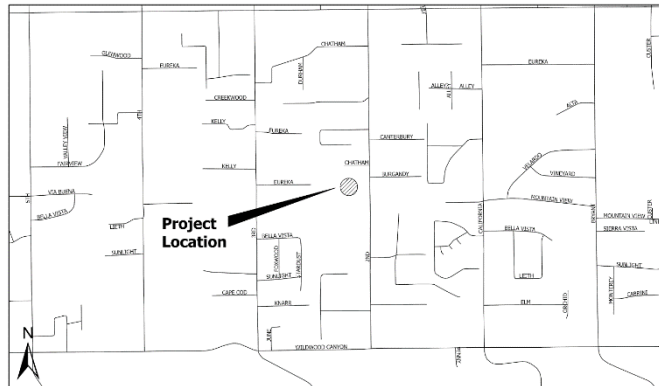


performance of these systems as well as costs generated from plan check processes.

YUCAIPA VALLEY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

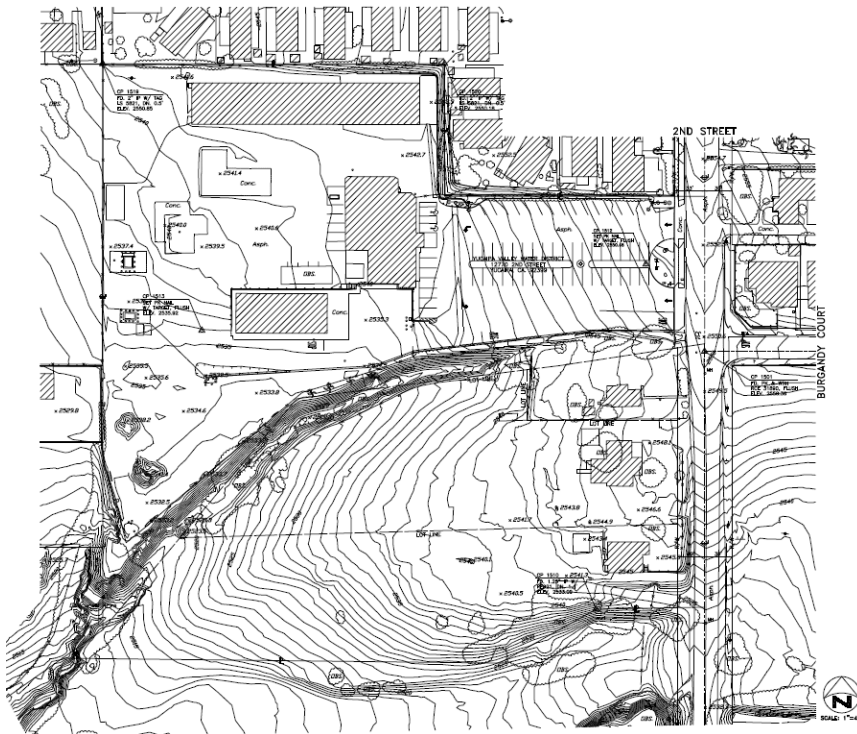
Project	District Property Grading/Improvements - Main Office		
Division	General	Projected Dates	2023-24
Elements #	87422	Priority	Important

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	Additional Radio Tower and Base Station		
Division	General	Projected Dates	2024-25
Elements #	TBD	Priority	Important

FUNDING SOURCE	
Reserves/Depreciation	\$ 35,000
Development Impact Fees	\$ 0
Federal Participation	\$ 0
State Participation	\$ 0
Bond Financing	\$ 0
Local Matching	\$ 0
Other Funds	\$ 0
Total	\$ 35,000

Project Description: Site identification and installation of an additional Sensus Flex-Net Base Station. As the District's service area continues to expand through new development, additional equipment will be required to acquire the information conveyed via the Automated Meter Infrastructure (AMI) system. The main purpose of the AMI system is to remotely collect water meter data for billing purposes.

The site is yet to be determined as many factors must be confirmed before committing to a specific location. A radio propagation study will assist in refining the locations that will be most useful to add this equipment.

DS-C-FBST-0311
FlexNet™ Base Station
 Transceiver



Empowering Utility Networks

The FlexNet™ Base Station is a long range radio transceiver that communicates information to and from the utility Regional Network Interface (RNI) with FlexNet SmartPoint™ modules deployed throughout a water, gas or electric utility network. FlexNet Base Station transceivers are mounted in NEMA-certified enclosures at strategic locations within your service territory, ensuring optimal coverage over large geographic areas.

FlexNet Base Station transceivers utilize primary-use, FCC-licensed frequencies in the 900 MHz narrowband PCS or MAS radio spectrum, allowing your system to broadcast at an industry-leading 30 watts of power (6 watts for Metro). Not only does this translate into superior performance and signal clarity, but significantly less radio infrastructure as compared to networks relying on unlicensed/unprotected frequencies.





YUCAIPA VALLEY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

Project	Automated Meter Infrastructure (AMI) – Large Meter Replacement		
Fund	Water	Projected Dates	2021-22
Elements #	TBD	Priority	Important

FUNDING SOURCE	
Reserves/Depreciation	\$ 0
Development Impact Fees	\$ 225,000
Federal Participation	\$ 75,000
State Participation	\$ 0
Bond Financing	\$ 0
Local Matching	\$ 0
Other Funds	\$ 0
Total	\$ 300,000

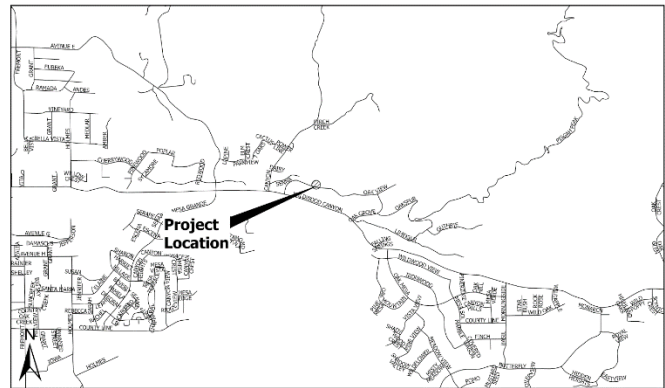
Project Description: The Yucaipa Valley Water District has been actively installing water meters and data collection points for the Advanced Metering Infrastructure project. This infrastructure is used to collect water consumption information for drinking water and recycled water customers. The attached grant application will cover 33% of the costs associated with the installation of 49 large water meters on production sources to monitor the amount of water added to the drinking water and recycled water systems. With inputs and outputs monitored, the District will be able to analyze water losses and improve the overall efficiency of the distribution system.

Milestone / Task / Activity	Planned Start Date	Planned Completion Date
Complete environmental and cultural compliance	8/2020	8/2020
Development of a detailed work plan	11/2020	12/2020
Purchase and receive materials	1/2021	6/2021
Replace Yucaipa Valley Regional Water Filtration Facility meters	2/2021	4/2021
Replace or construct well meters	2/2021	6/2022
Replace or construct booster meters	2/2021	6/2022
Replace or construct reservoir meters	2/2021	6/2022
Project closeout and final report	6/2022	9/2022

YUCAIPA VALLEY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

Project	Oak View Drinking Water Pipeline (District Project)		
Fund	Water	Projected Dates	2020-21
Elements #	TBD	Priority	Important

FUNDING SOURCE	
Reserves/Depreciation	\$ 230,000
Development Impact Fees	\$ 0
Federal Participation	\$ 0
State Participation	\$ 0
Bond Financing	\$ 0
Local Matching	\$ 0
Other Funds	\$ 0
Total	\$ 230,000



LOCATION MAP

Project Description: Replacement of 900 linear feet of drinking water pipeline, water services and fire hydrants. This will be completed by District staff.

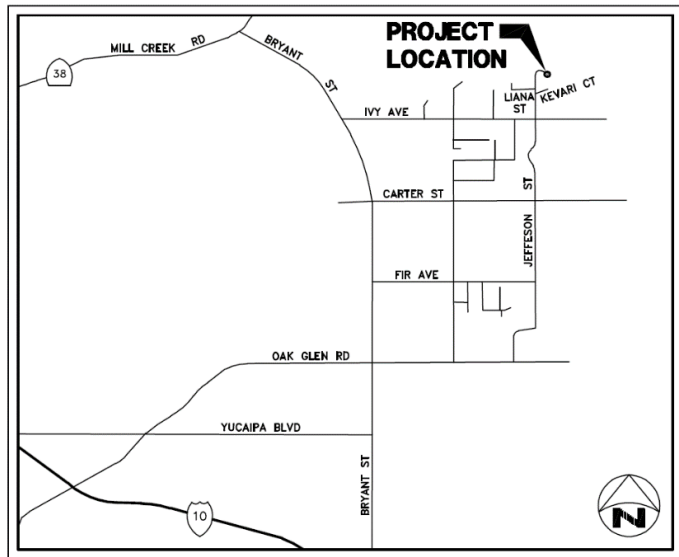


YUCAIPA VALLEY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

Project	Reservoir 17.1.1/17.1.2 Replacement		
Fund	Water	Projected Dates	2021-22
Elements #	90857	Priority	Important

FUNDING SOURCE	
Reserves/Depreciation	\$ 1,700,000
Development Impact Fees	\$ 0
Federal Participation	\$ 0
State Participation	\$ 0
Bond Financing	\$ 0
Local Matching	\$ 0
Other Funds	\$ 0
Total	\$ 1,700,000

Project Background: The District owns and operates a drinking water storage facility that was initially put into service in the late 1930's. The original storage facility was in the form of an open air reservoir that held approximately 3 million gallons of water. In the Mid-1970's, the open air reservoir was replaced with a single bolted steel tank that was constructed adjacent to the original. In the early 1980's, a second bolted steel tank was constructed to help supply the growing community. Those two bolted steel tanks are still in place and serve the 17.1 drinking water pressure zone in the North Bench area in the City of Yucaipa. The westerly bolted steel tank is identified as R-17.1.1 and the easterly bolted steel tank as R-17.1.2.



LOCATION MAP

Both tanks were providing drinking water service and fire protection until Monday, September 7, 2020, when the R-17.1.2 tank was isolated from the system due to a leak in the floor of the tank. The R-17.1.1 tank remains in service. A leak was observed the week prior, but increased in severity in a short amount of time causing erosion to the adjacent slope. Concurrently, the El Dorado Fire burned through the area and burned completely around the site. The tanks are good candidates for replacement due to their age, design, and condition. Replacement tanks would comply with current seismic design requirements and would be up-sized to provide additional operational storage as well as fire protection. Water storage facilities that border the foothills typically get utilized directly or indirectly during firefighting activities, which is considered within the design of the future site.

Project Overview: The strategic replacement of both drinking water tanks will include the phased demolition and construction of each tank individually to keep the site operational during construction. The existing plastic (PVC) site piping will remain in place while the new ductile iron pipe (DIP) is constructed in a new alignment. The new alignment of the site piping includes 750 linear feet of 12" DIP located within the site access road.

- 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.

District Benefit: Reliability of service in the drinking water distribution system. New volume of storage will be 640,000 gallons compared to the 210,000 gallons currently available. The tank structures 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, repair of the erosion in the adjacent slope, improved access with pavement replacement.

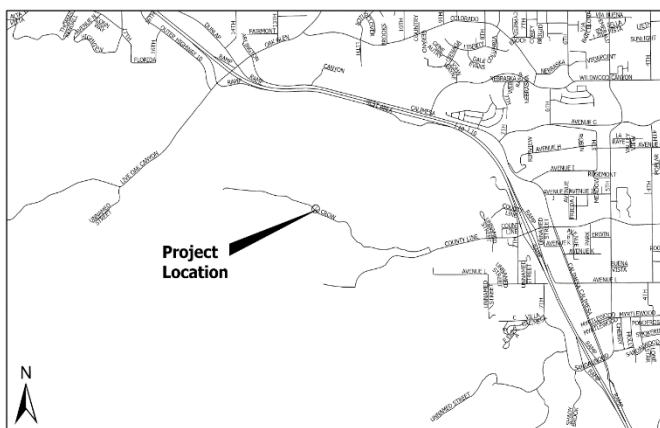
Related Project Requirements: The single supply to the R17.1 site is a small booster located on the corner of Fremont Street and Ivy Avenue. This booster site needs to be rebuilt and relocated. The estimated cost of the new booster B16.1 site is \$600,000. This project will be discussed at a future Board Meeting.



YUCAIPA VALLEY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

Project	Wastewater Plant Road – Drinking Water Mainline		
Fund	Water	Projected Dates	2021-22
Elements #	95935	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



LOCATION MAP

Project Description: Replacement of existing PVC drinking water mainline that provides service to the Wochholz Regional Water Recycling Facility (WRWRF). The pipeline will be approximately 5,300 linear feet of 12-inch ductile iron pipe. This project would be coordinated with the installation of the sewer and gas lines that are planned to follow a parallel alignment within the plant access road located in the City of Yucaipa at the terminus of West County Line Road.



YUCAIPA VALLEY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

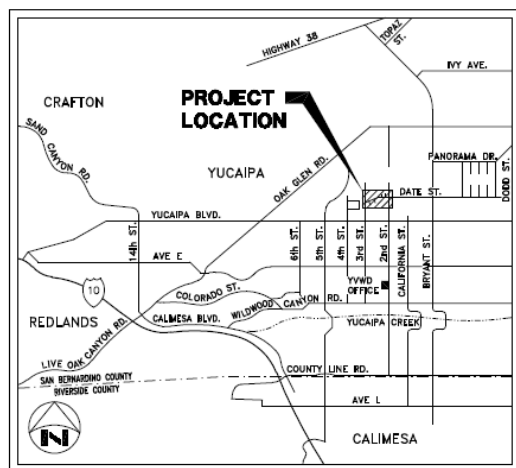
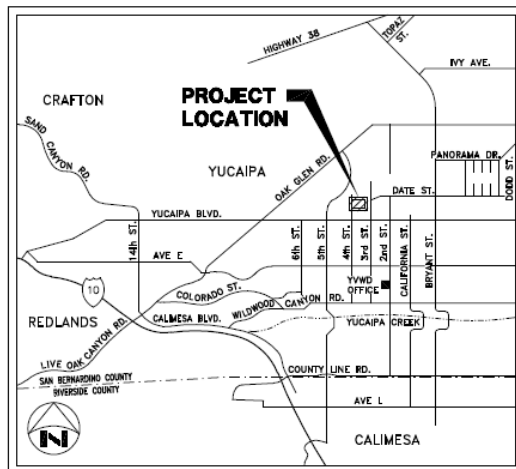
Project	Residential Pipeline Replacement Bundle (Date, Peachtree, 2 nd)		
Fund	Water	Projected Dates	2021-22
Elements #	89008,89009	Priority	Important

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

Project Background: The project includes two separate residential pipeline replacements within the City of Yucaipa. Both pipelines are deteriorated 4-inch steel pipelines that are prone to leaks and provide inadequate fire flow (GPM) when tested. These pipelines are at the end of their useful lives and need to be replaced and upgraded to a larger diameter pipe.

Project Overview:

- Peach Tree Circle - Approximately 2,300 linear feet of 8-inch ductile iron pipe, 45 services, 4 hydrants, and trench line pavement repair.
- Date Avenue, Indio Court, Oak Lane, Kent Lane, and Preston Lane - Approximately 2,750 linear feet of 8-inch ductile iron pipe, 47 services, 9 hydrants, and trench line pavement repair.



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

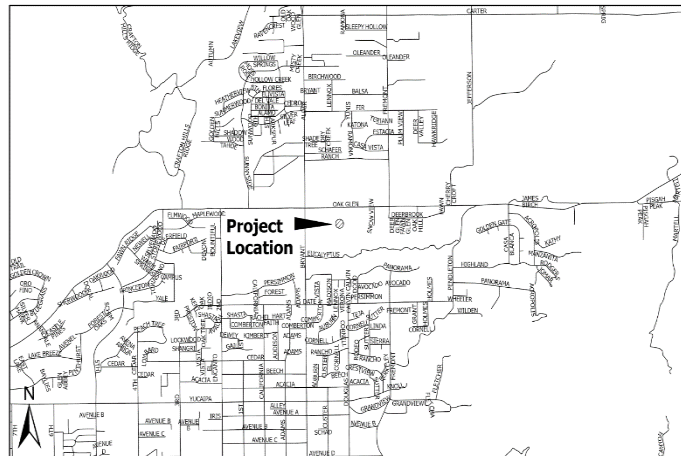
Related Project Requirements: None.

YUCAIPA VALLEY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

Project	Engie – Energy Resilience Project (Site Prep)		
Fund	Water	Projected Dates	2021-22
Elements #	92526	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 Background: The installation of a micro-grid energy solution to provide energy resilience through a power purchase agreement (PPA) with Engie Services.



LOCATION MAP

Project Overview: The PPA will include installation, equipment, and maintenance of the required equipment. The cost of this project is estimated as related project expenses, site grading, ground cover, lighting, etc.

District Benefit: Saving energy costs and increased reliability through back-up power options.

Related Project Requirements: Deliver a cleared and graded site.



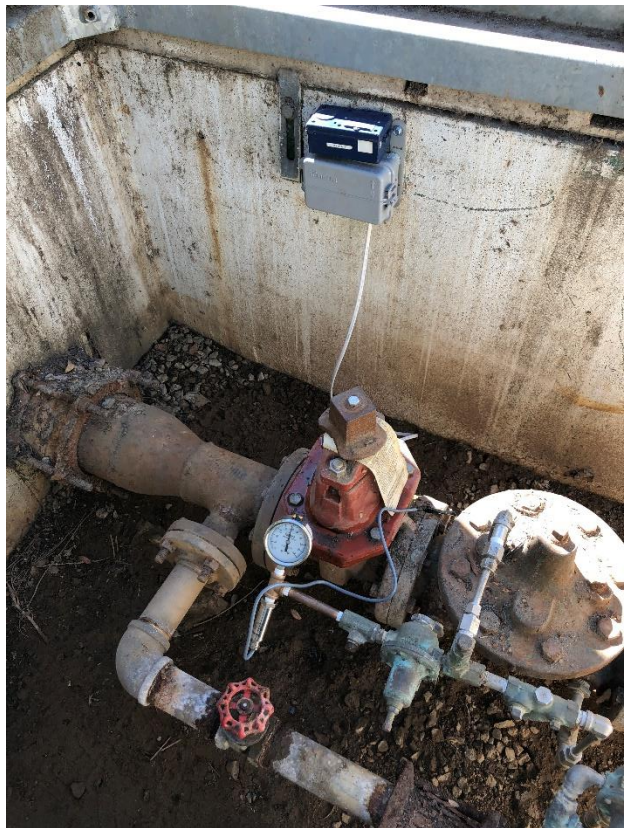
YUCAIPA VALLEY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

Project	Pressure Management Program		
Fund	Water	Projected Dates	2021-22
Elements #	94109	Priority	Important

FUNDING SOURCE	
Reserves/Depreciation	\$ 60,000
Development Impact Fees	\$ 0
Federal Participation	\$ 0
State Participation	\$ 0
Bond Financing	\$ 0
Local Matching	\$ 0
Other Funds	\$ 0
Total	\$ 60,000

Project Description: Installation of remote pressure sensors that collect interval data and report to the Automated Meter Infrastructure (AMI) system. The pressure sensors are currently being installed at existing pressure reducing stations throughout the Districts service area. In addition to the installation of the pressure sensors, the staff is coordinating specialized maintenance contracts to improve the operation of the pressure control valves.

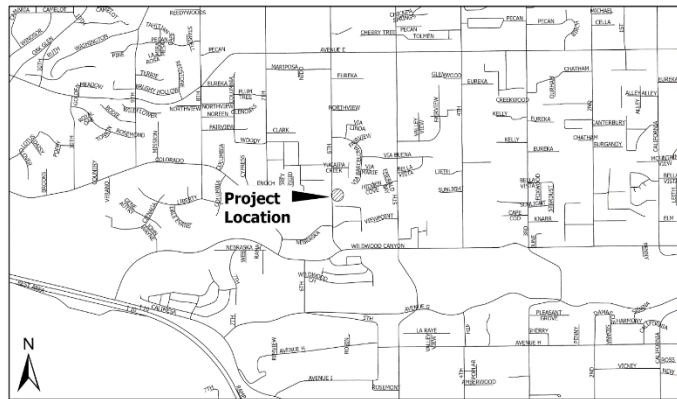
At completion of the installation and maintenance phase of the pressure reducing valves, the remaining pressure control valves (relief, sustaining, altitude, air vacuum/release) will be targeted for similar efforts.



YUCAIPA VALLEY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

Project	Well 12 Site Improvements		
Fund	Water	Projected Dates	2021-22
Elements #	79011	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.

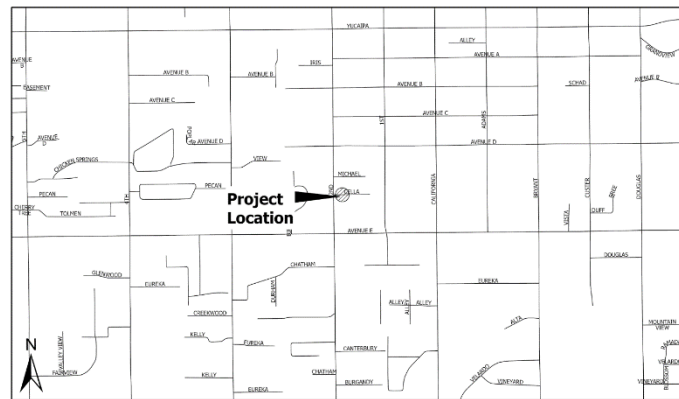
Site Grading: The new well structure will have a new finished floor height that is considered in the preliminary site grading plan. With minimal grading, the site can be improved to handle rain events, function, and appearance.



YUCAIPA VALLEY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

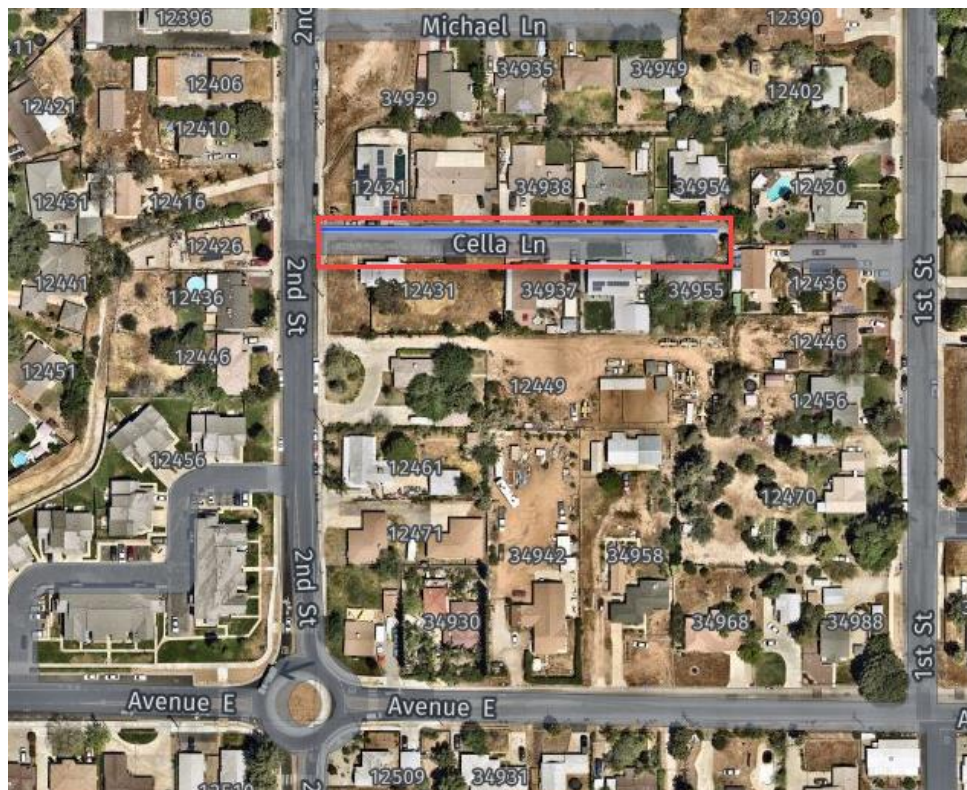
Project	Cella Lane Pipeline Replacement (District Project)		
Fund	Water	Projected Dates	2021-22
Elements #	95940	Priority	Important

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

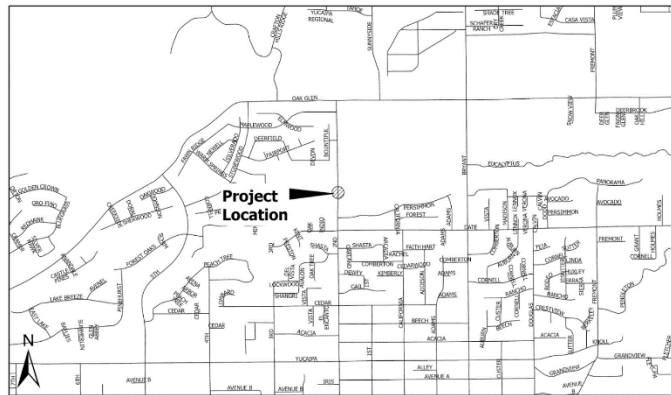
Project Description: Replacement of 360 linear feet of 4-inch steel drinking water mainline due to its condition and performance. The new mainline will be constructed of 8-inch ductile iron pipe and the existing 8 services will be replaced with 1-inch copper service lines. A new full size hydrant will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



YUCAIPA VALLEY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

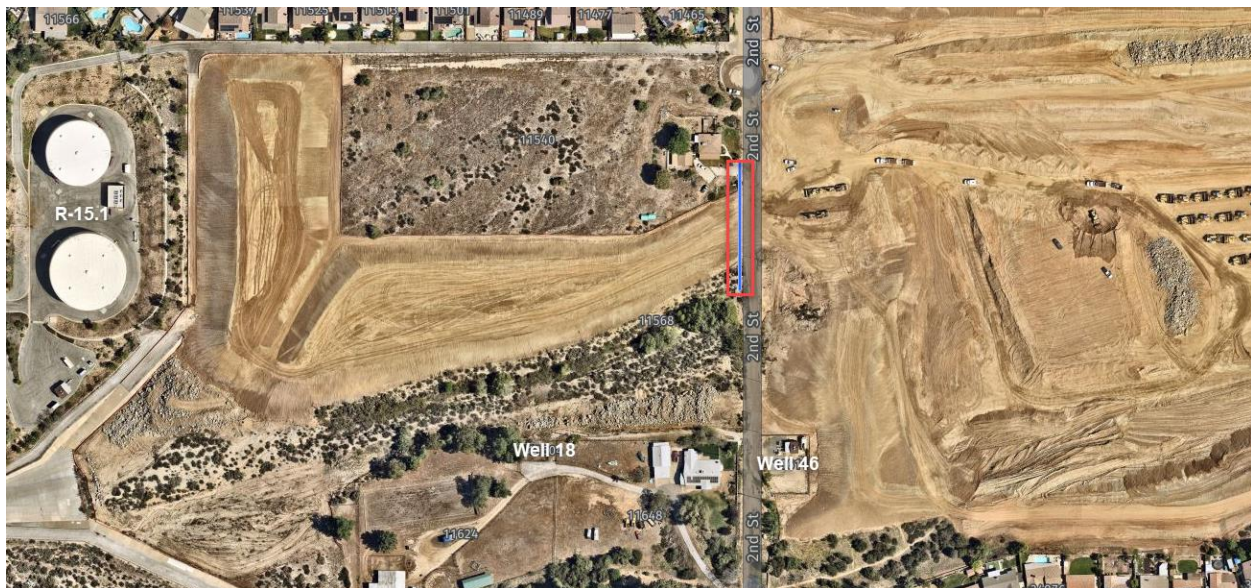
Project	Wilson III Pipeline Relocation – Second Street		
Fund	Water	Projected Dates	2021-22
Elements #	81003	Priority	Important

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

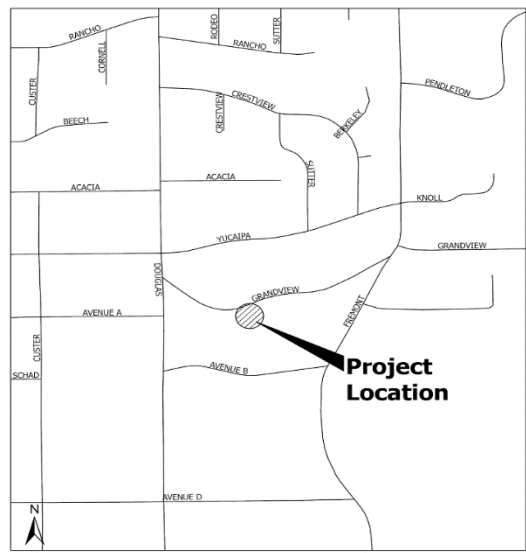
Project Description: Relocation of the existing 16" ductile iron pipe (DIP) drinking water pipeline within Second Street adjacent to the Well 46, south of Oak Glen Road. The City of Yucaipa is developing a flood control basin and lake that requires the adjustment of District infrastructure. The pipeline 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	2020-21
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:

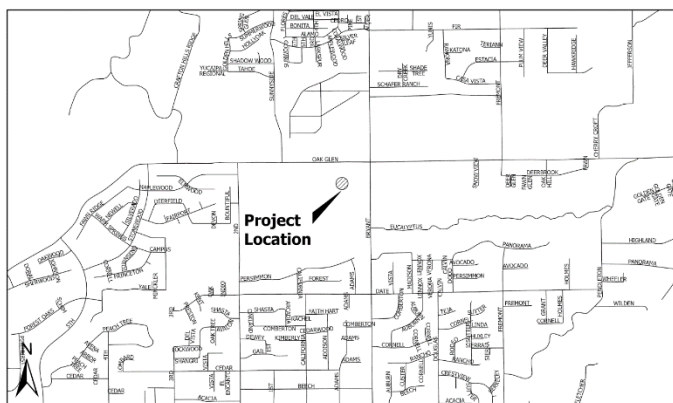
The R-14.2 drinking water reservoir is located south of Yucaipa Boulevard, east of Douglas Street in the City of Yucaipa. This site was constructed in 1973 and lacks a site drain for the tank overflow piping. This project involves the construction of a drain line at the existing R-14.2 reservoir site.



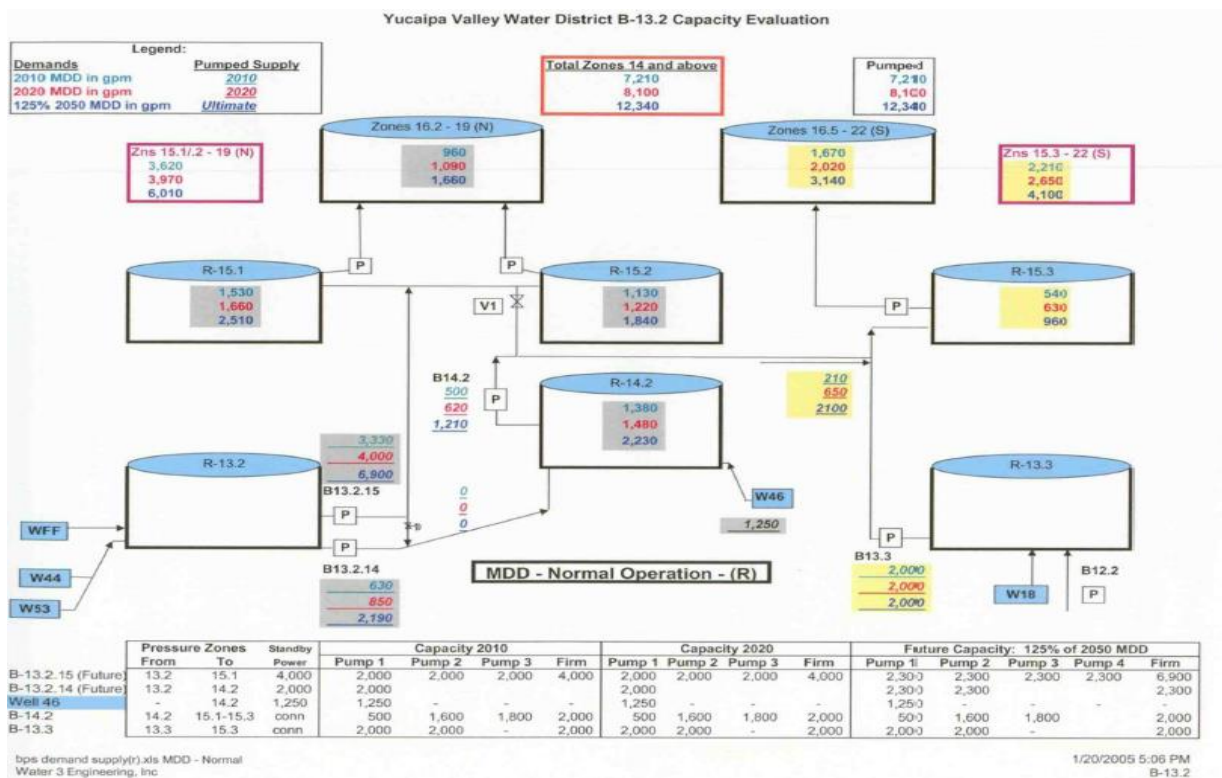
YUCAIPA VALLEY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

Project	Booster Station 13.2		
Fund	Water	Projected Dates	2022-25
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



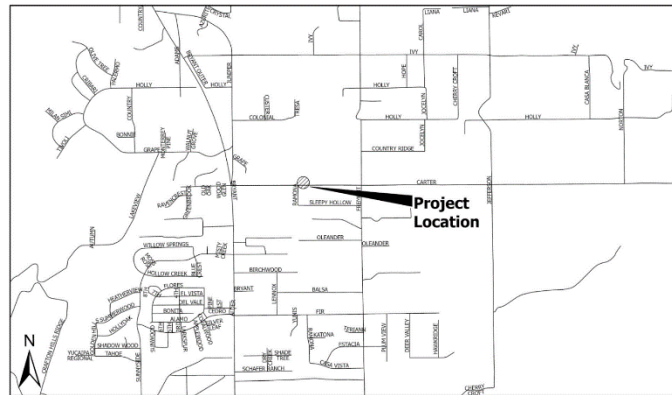
Project Description: Ultimate booster station located at R13.2 west of Bryant Street and South of Oak Glen Road. This booster station will have pumps that move drinking water to both 14 and 15 pressure zones. The pumps will require a new upgraded electrical service and respective pipeline improvements.



YUCAIPA VALLEY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

Project	Carter Street Pipeline Replacement (District Project)		
Fund	Water	Projected Dates	2022-23
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

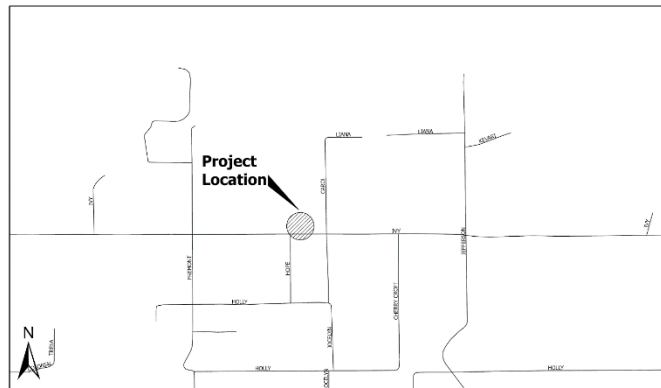
Project Description:

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

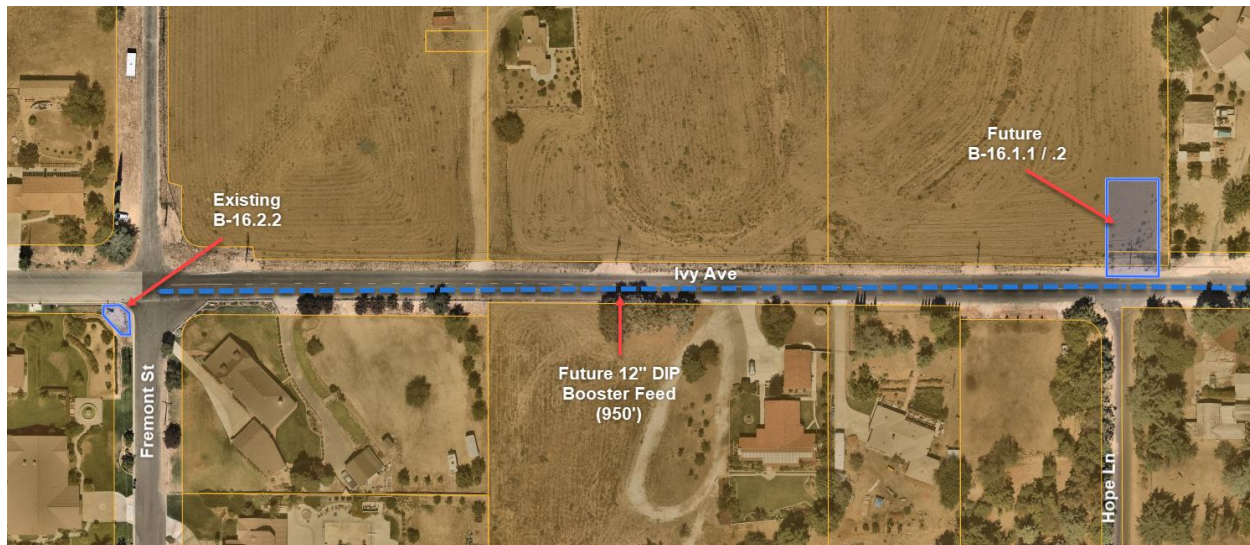
Project	Booster Station 16.1.1/16.1.2		
Fund	Water	Projected Dates	2022-23
Elements #	92338	Priority	Important

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 south west 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).

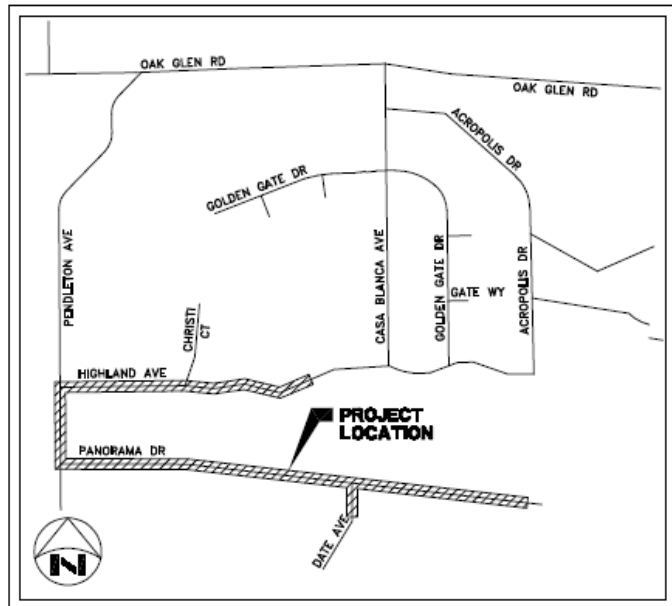
District Benefit: Reliability and performance of service in the drinking water distribution system.

YUCAIPA VALLEY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

Project	Panorama Drive Pipeline Replacement		
Fund	Water	Projected Dates	2022-23
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.

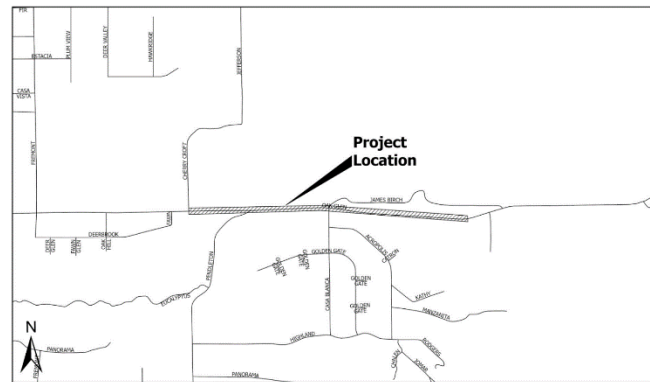
District Benefit: Reliability and performance of service in the drinking water distribution system and the ability to provide adequate fire flow for residents with less frequent leak and service repairs.

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	2022-23
Elements #	81603	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

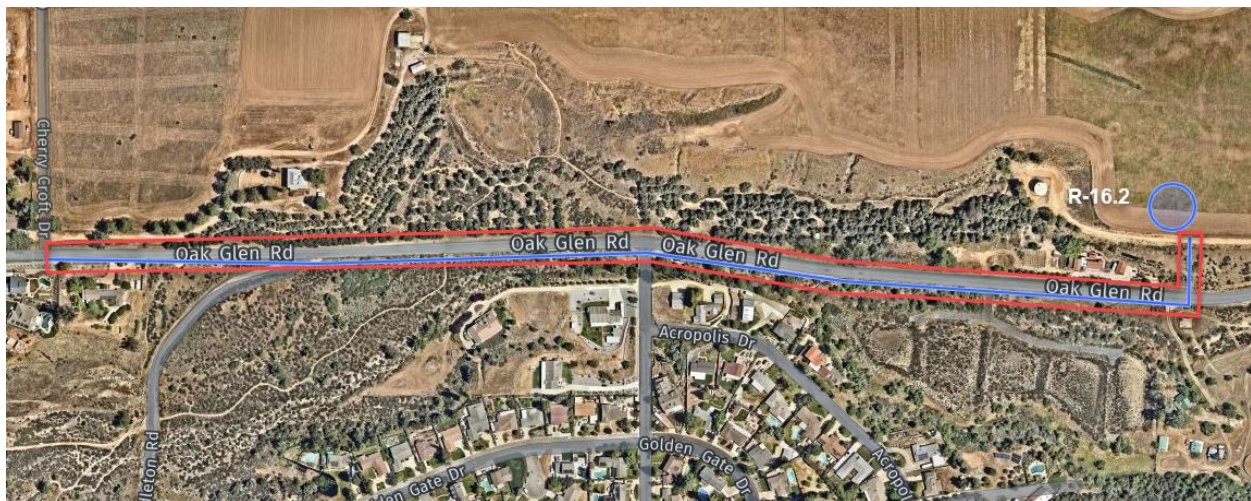


LOCATION MAP

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.

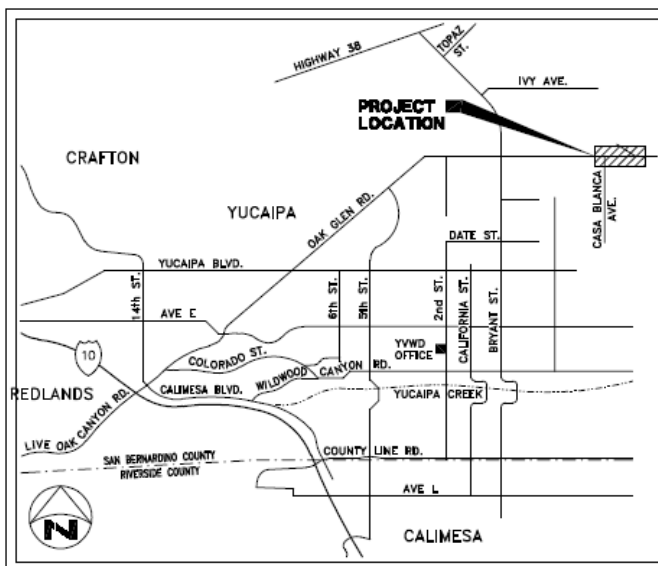


YUCAIPA VALLEY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

Project	Reservoir 16.2 Site Upgrade		
Fund	Water	Projected Dates	2022-23
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. 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.



LOCATION MAP

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.

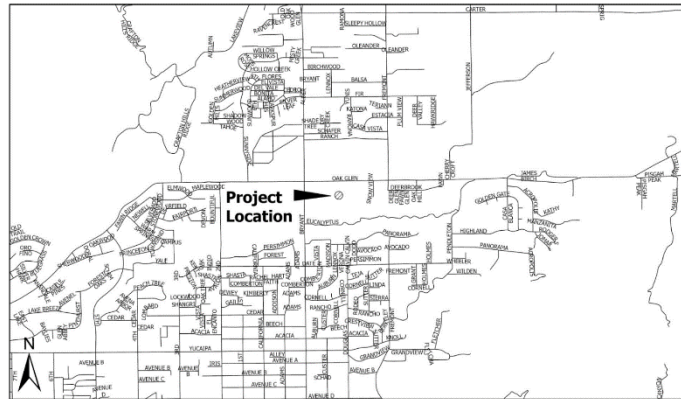
District Benefit: Reliability of service in the drinking water distribution system. New volume of storage will be 500,000 gallons compared to the 210,000 gallons currently available. The tank structurer will meet current design criteria for seismic events and require little to no maintenance for the 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	Salinity/Concentrate Reduction and Minimization (SCRAM)		
Fund	Water	Projected Dates	2022-23
Elements #	TBD	Priority	Critical

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



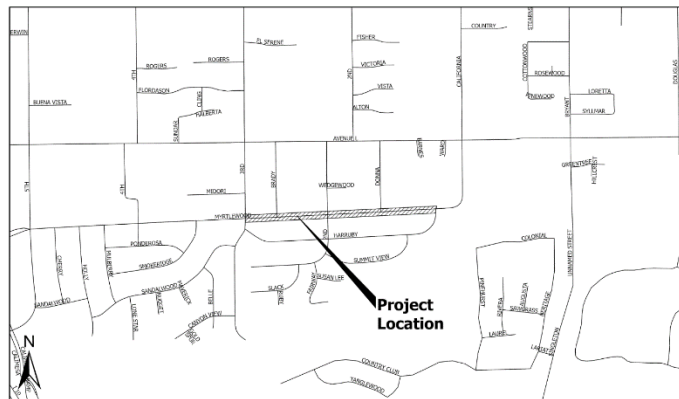
LOCATION MAP

Project Description: The Salinity Concentration Reduction and Minimization (SCRAM) system will operate at the Yucaipa Valley Regional Water Filtration Facility (YVRWFF) to reduce the amount of wasted backwash water produced by the membrane filtration process. This project will essentially turbocharge the treatment system to more efficiently produce drinking water by saving an estimated 190 million gallons of water each year.

YUCAIPA VALLEY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

Project	Myrtlewood Drive Pipeline Replacement		
Fund	Water	Projected Dates	2022-23
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.

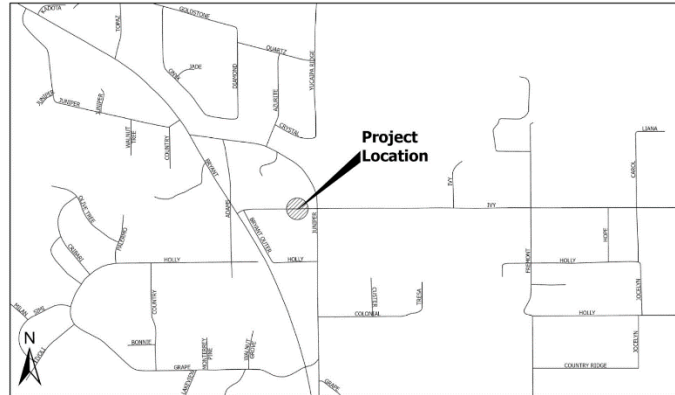
Related Project Requirements: This location currently does not have sewer service and installation of sewer should be considered during the roadwork of the drinking water line to save paving costs.



YUCAIPA VALLEY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

Project	Bryant Street/Juniper Avenue/Ivy Avenue		
Fund	Water	Projected Dates	2022-23
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

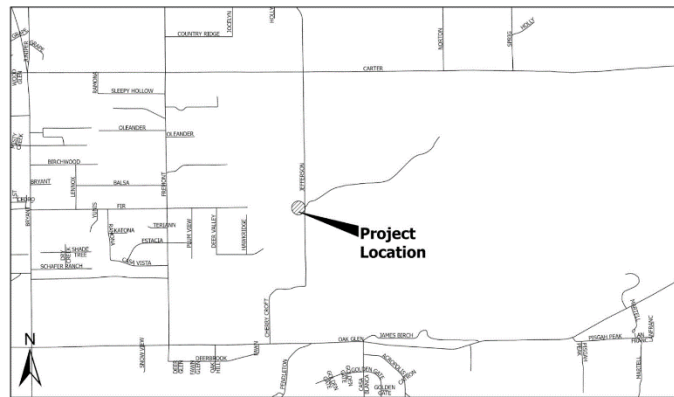
Project Description:

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	2023-24
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.

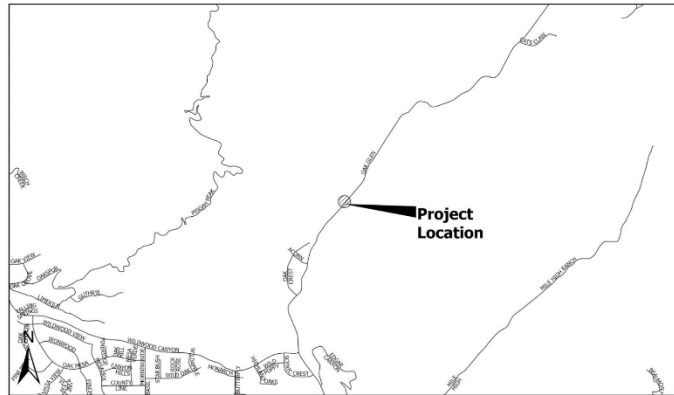


Currently, there is not an established roadway surface. This project may include partnering with the City of Yucaipa for a roadway installation.

YUCAIPA VALLEY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

Project	Oak Glen Pipeline (Pisgah Peak)		
Fund	Water	Projected Dates	2023-24
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.

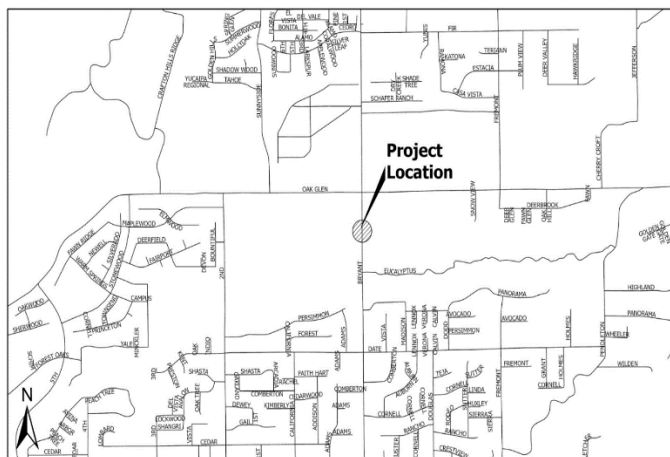


YUCAIPA VALLEY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

Project	Bryant Street 15 Zone Interconnection		
Fund	Water	Projected Dates	2023-24
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

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.



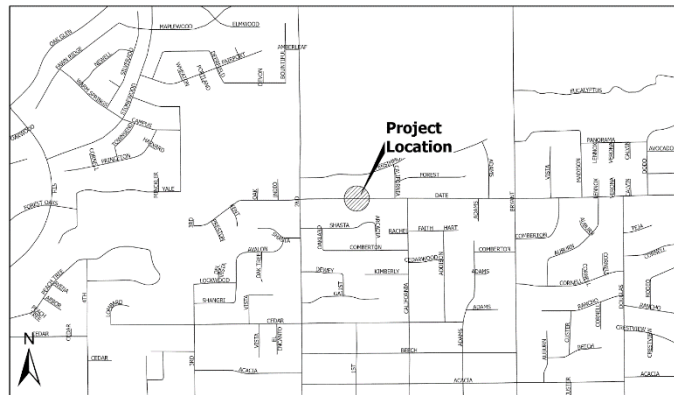
LOCATION MAP



YUCAIPA VALLEY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

Project	Date Avenue – 2 nd to California		
Fund	Water	Projected Dates	2023-24
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

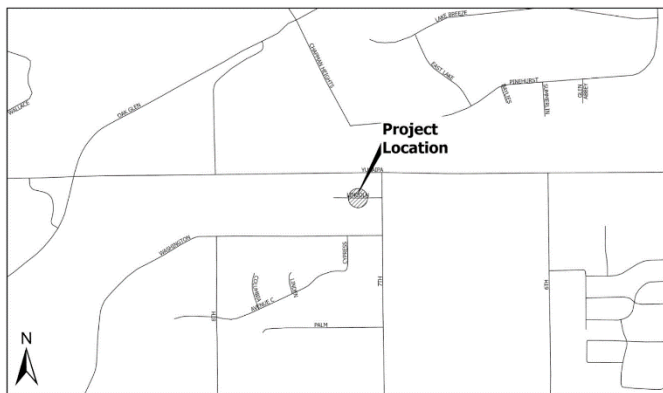
Project Description:

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	Lincoln Drive; Water Main (District Project)		
Fund	Water	Projected Dates	2023-24
Elements #	TBD	Priority	Important

FUNDING SOURCE	
Reserves/Depreciation	\$ 110,000
Development Impact Fees	\$ 0
Federal Participation	\$ 0
State Participation	\$ 0
Bond Financing	\$ 0
Local Matching	\$ 0
Other Funds	\$ 0
Total	\$ 110,000



LOCATION MAP

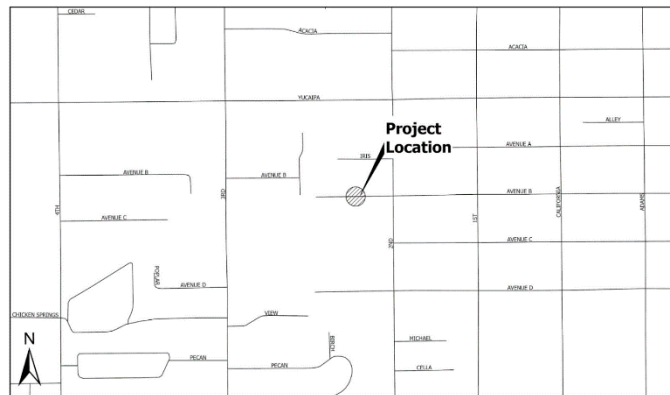
Project Description: Pipeline replacement in Lincoln Drive, west of Seventh Street in Yucaipa. This project consists of replacing 400 linear feet of drinking water main, 10 water services and 1 fire hydrant. This will be completed by District staff.



YUCAIPA VALLEY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

Project	Avenue B, West of 2 nd Street (District Project)		
Fund	Water	Projected Dates	2023-24
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

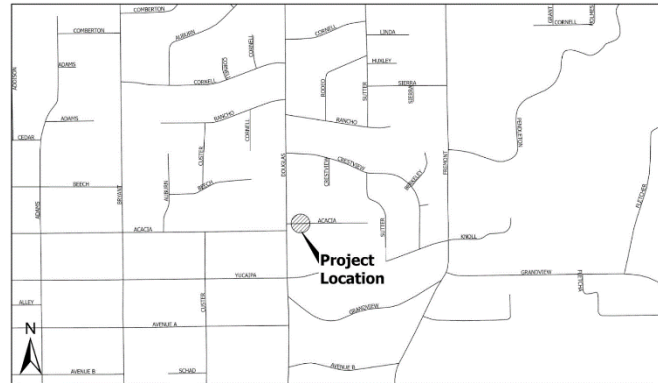
Project Description: This project consists of replacing approximately 600 linear feet of 4-inch steel water main and replacing it with 8-inch ductile iron pipe (DIP). This includes installing 12 services and two fire hydrants on Avenue B, west of Second Street.



YUCAIPA VALLEY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

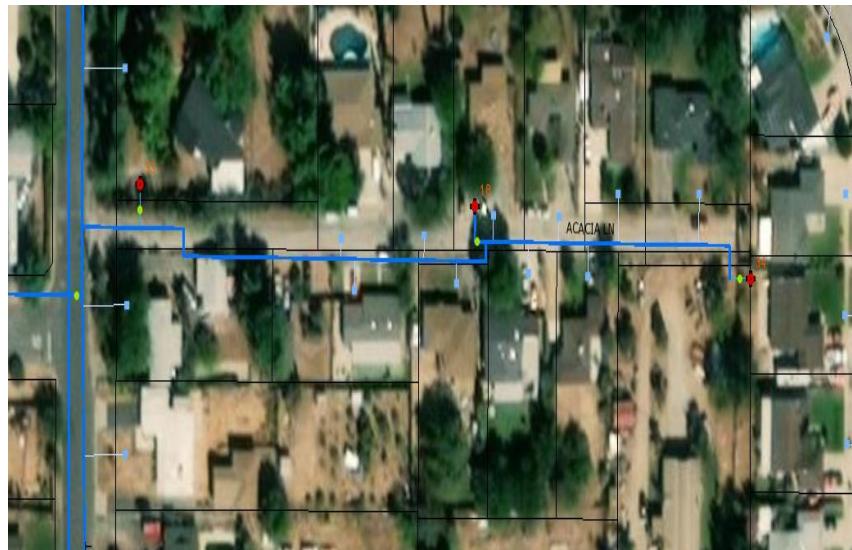
Project	Acacia Lane East of Douglas Street; Water Main (District Project)		
Fund	Water	Projected Dates	2023-24
Elements #	TBD	Priority	Important

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

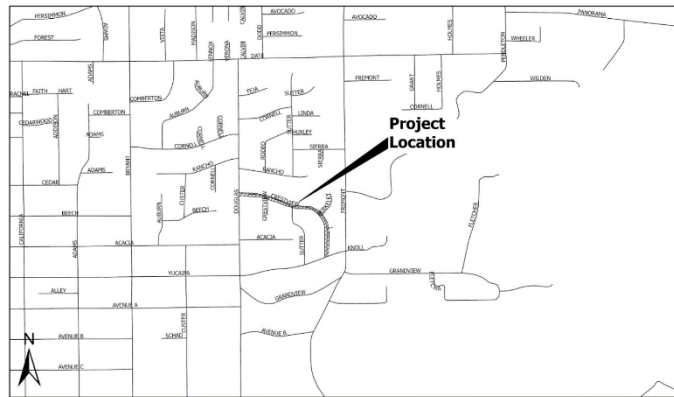
Project Description: This project consists of replacing approximately 970 linear feet of 4-inch steel water main, with 8-inch ductile iron pipe (DIP). This includes installing 20 services and three fire hydrants on Acacia Lane, east of Douglas Street. This will be completed by District staff.



YUCAIPA VALLEY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

Project	Crestview Drive from Douglas St. to Sutter Ave. (District Project)		
Fund	Water	Projected Dates	2023-24
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.



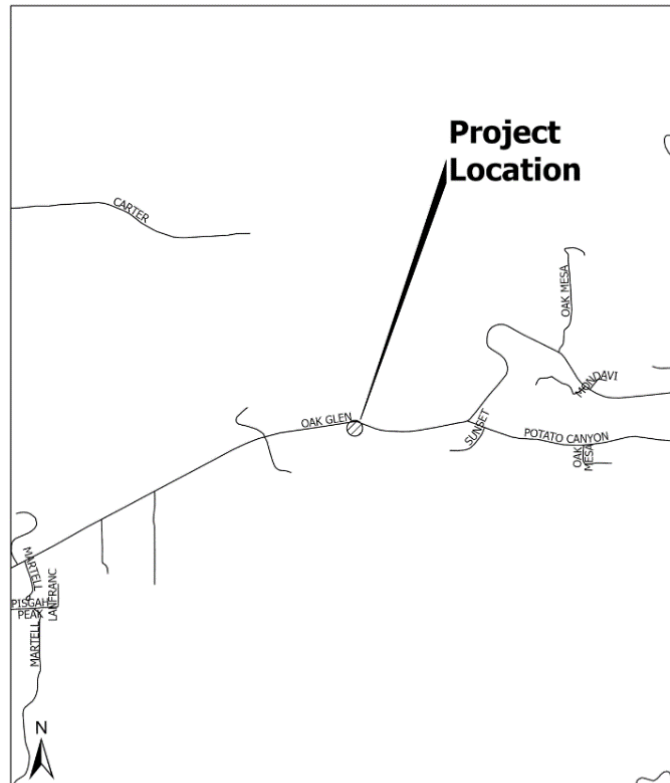
YUCAIPA VALLEY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

Project	Oak Glen Filtration Facility Rehabilitation		
Fund	Water	Projected Dates	2023-24
Elements #	TBD	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

Project Description:

This consists of structure improvements including the degrading floor, SCADA overhaul, and instrumentation upgrades. The existing infrastructure is original and is nearing the end of its useful life.



LOCATION MAP

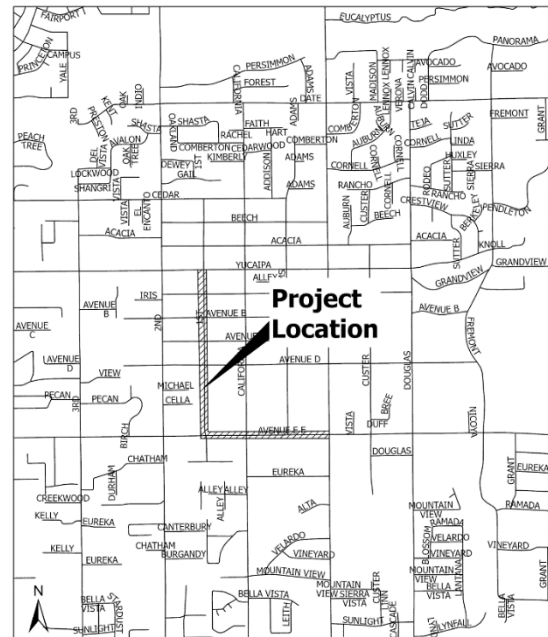
YUCAIPA VALLEY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

Project	30" Yucaipa Boulevard to Wildwood Canyon		
Fund	Water	Projected Dates	2024-25
Elements #	81448	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

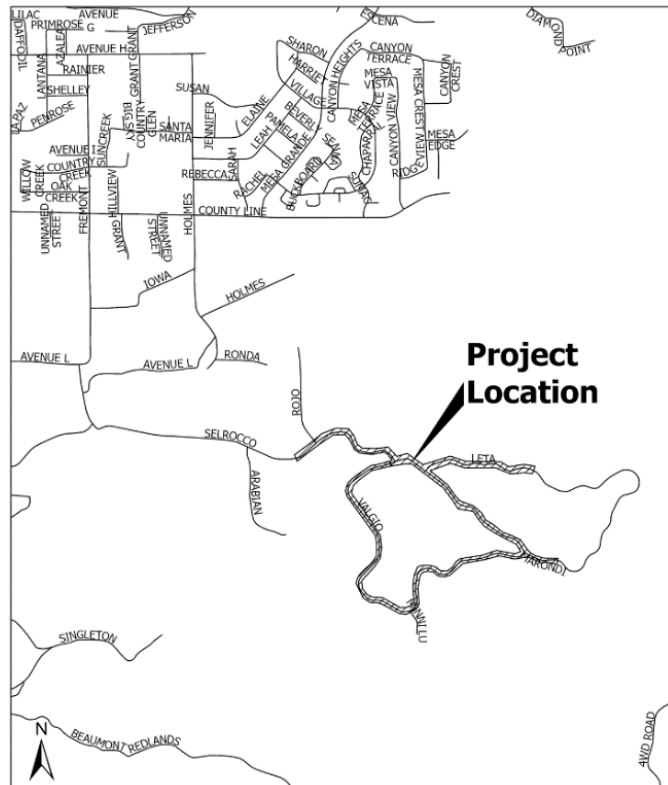
YUCAIPA VALLEY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

Project	Oak Hills Pipeline – Phase 1, 2, 3		
Fund	Water	Projected Dates	2024-26
Elements #	65-24544	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	\$ 2,600,000
Total	\$ 2,600,000

Project Description:

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



LOCATION MAP

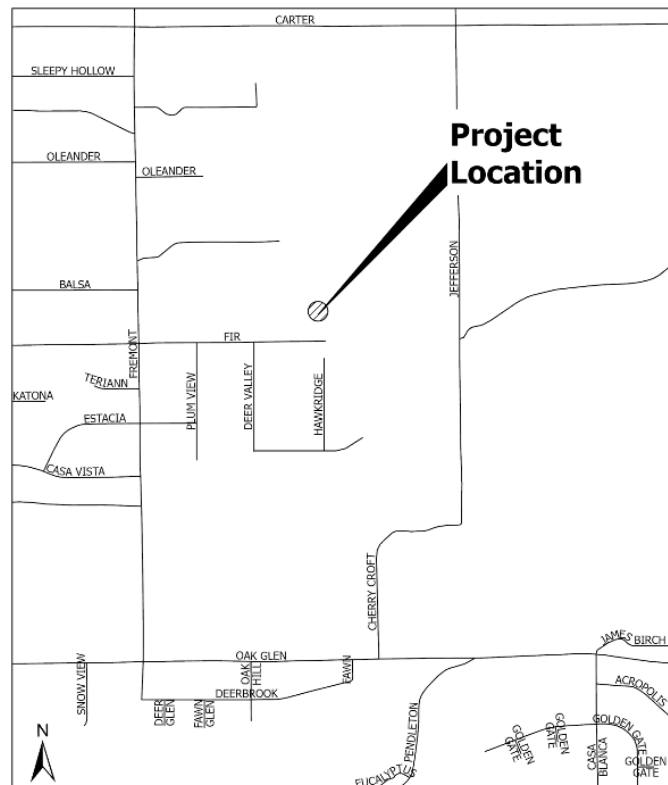
YUCAIPA VALLEY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

Project	Booster Station 15.1		
Fund	Water	Projected Dates	2024-25
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.

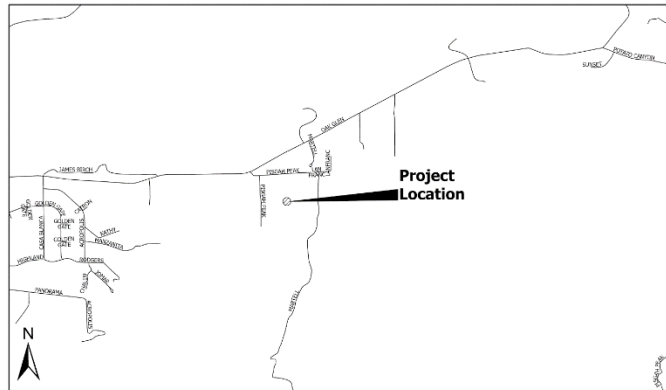


LOCATION MAP

YUCAIPA VALLEY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

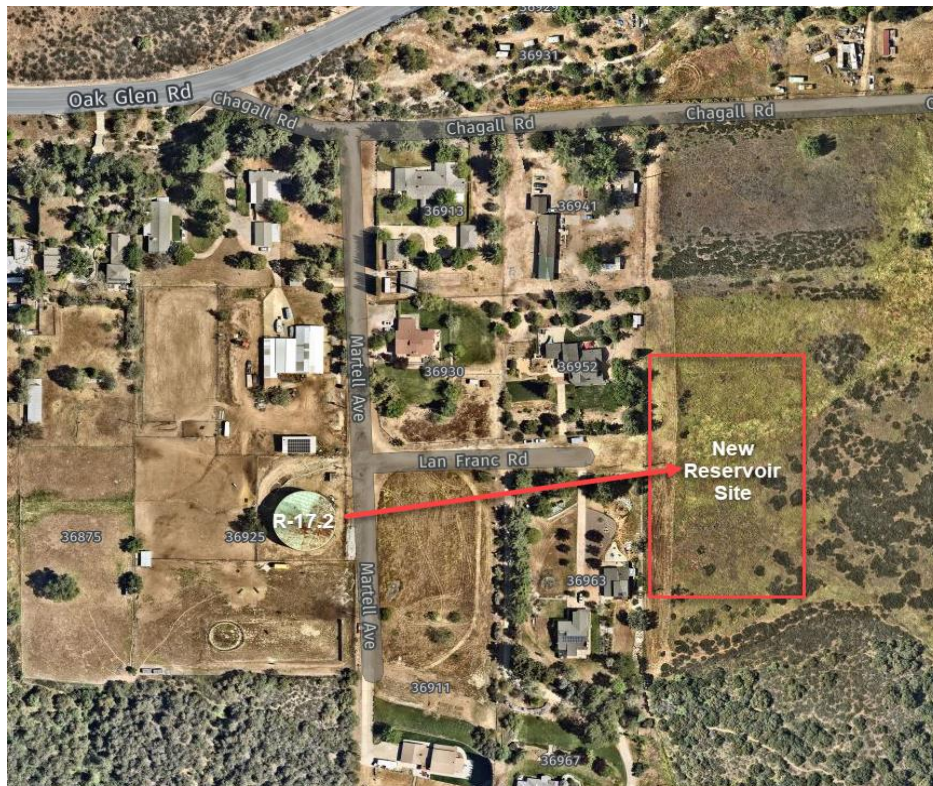
Project	Reservoir 17.2 Replacement		
Fund	Water	Projected Dates	2025-26
Elements #	81604	Priority	Important

FUNDING SOURCE	
Reserves/Depreciation	\$ 0
Development Impact Fees	\$ 0
Federal Participation	\$ 0
State Participation	\$ 0
Bond Financing	\$ 0
Local Matching	\$ 0
Other Funds	\$ 2,000,000
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	2025-26
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.

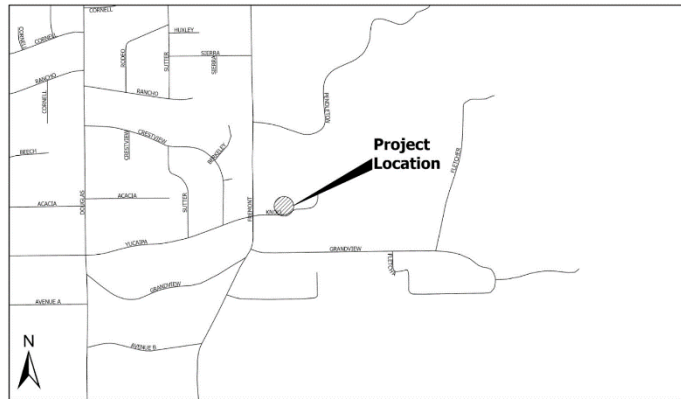


LOCATION MAP

YUCAIPA VALLEY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

Project	Knoll Drive Pipeline Replacement		
Fund	Water	Projected Dates	2025-26
Elements #	89496	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: Installation of drinking water pipeline within Knoll Drive, east of Fremont Street in the City of Yucaipa. This pipeline will be approximately 1,000 linear feet in length and 8-inch in diameter. The existing pipeline that provides drinking water service to the residents in Knoll Drive needs to be replaced due to its age, condition, and location. The existing pipeline is not located within the roadway of Knoll Drive, rather the cross-county alignment connects homes from the adjacent R-15.2 reservoir site. The existing alignment is a major consideration in the replacement of this pipeline.



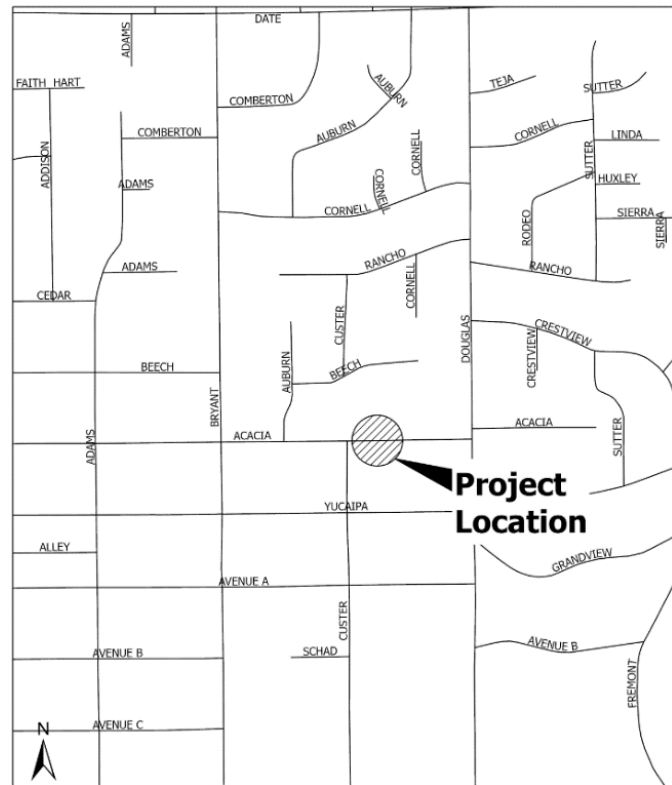
YUCAIPA VALLEY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

Project	Acacia Avenue West of Douglas St.; Water Main (District Project)		
Fund	Water	Projected Dates	2025-26
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:

This project consists of replacing approximately 300 linear feet of 4-inch steel pipe and replacing it with 8-inch ductile iron pipe (DIP). This includes installing six water services and two fire hydrants.



LOCATION MAP

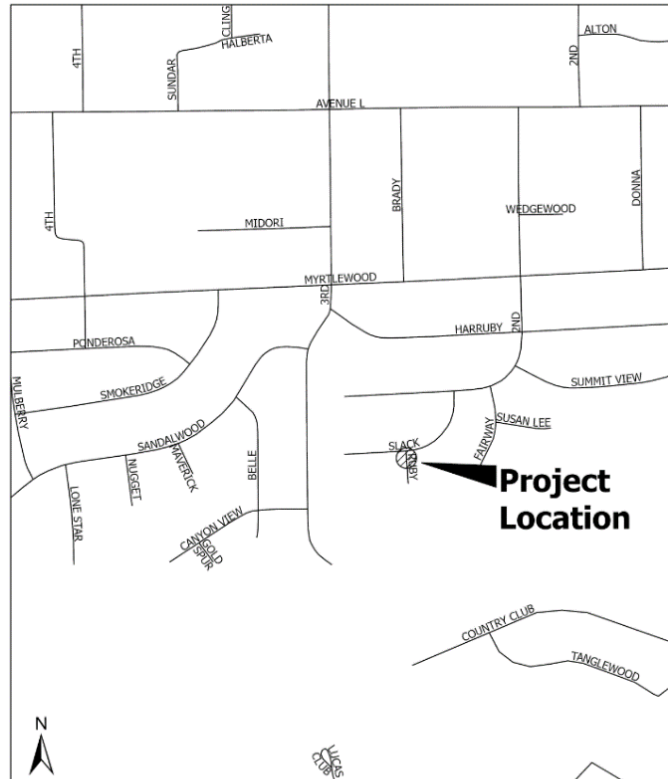
YUCAIPA VALLEY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

Project	Ruby Court; Water Main (District Project)		
Fund	Water	Projected Dates	2025-26
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.

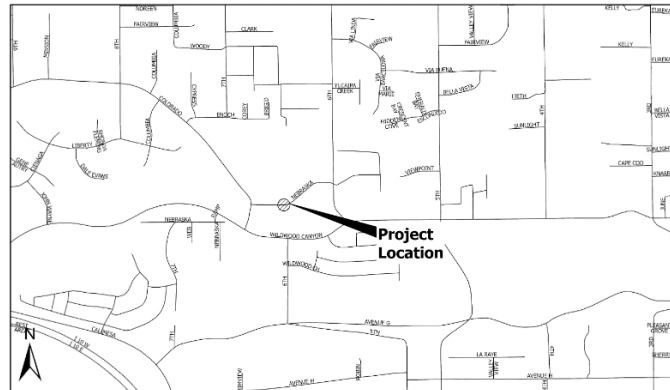


LOCATION MAP

YUCAIPA VALLEY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

Project	Nebraska Lane from 6 th to Colorado Street (District Project)		
Fund	Water	Projected Dates	2025-26
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

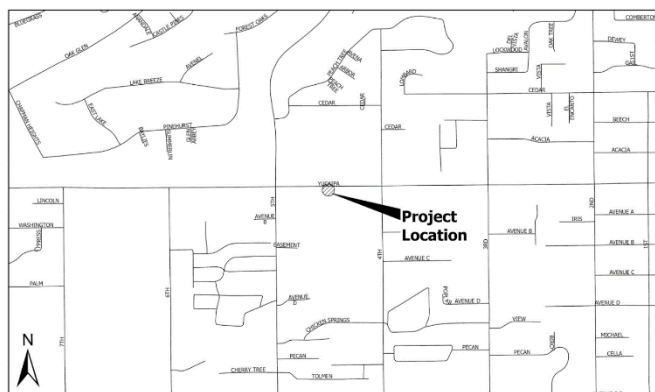
Project Description:

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	2026-27
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:

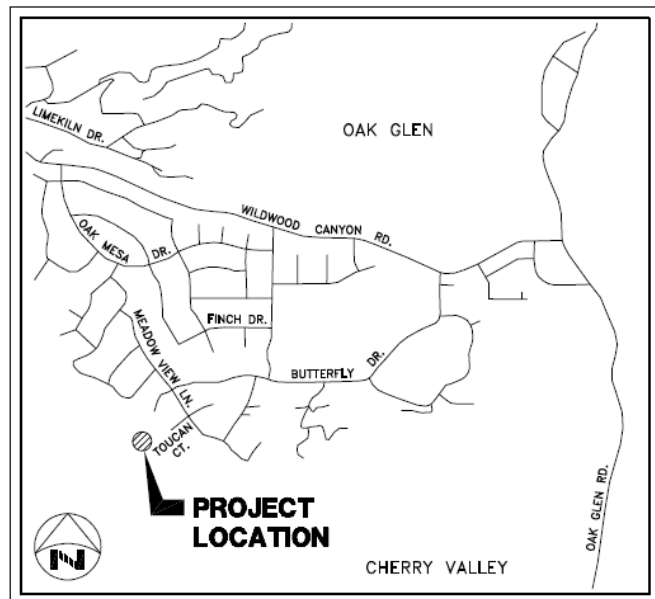
This project involves the replacement of 4,370 feet of 8-inch diameter pipe with 12-inch pipe and 5,000 feet of 12-inch diameter pipe with 16-inch diameter piping to replace the reach located on 4th Street, south of Cedar, west of Yucaipa Boulevard and south on 5th Street. Eight segments of pipeline 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	2027-28
Elements #	87171	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

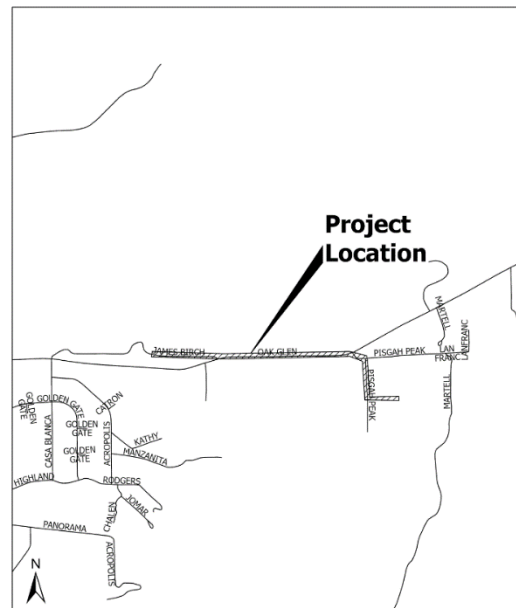
Related Project Requirements: A new tank supply line will need to be installed to replace the 40-year-old PVC pipeline that currently provides service to this site. The pipeline can be constructed within the existing alignment and easement.

YUCAIPA VALLEY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

Project	Pipeline Between R-16.2 and R-17.2 – Design & Cost		
Fund	Water	Projected Dates	2027-28
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



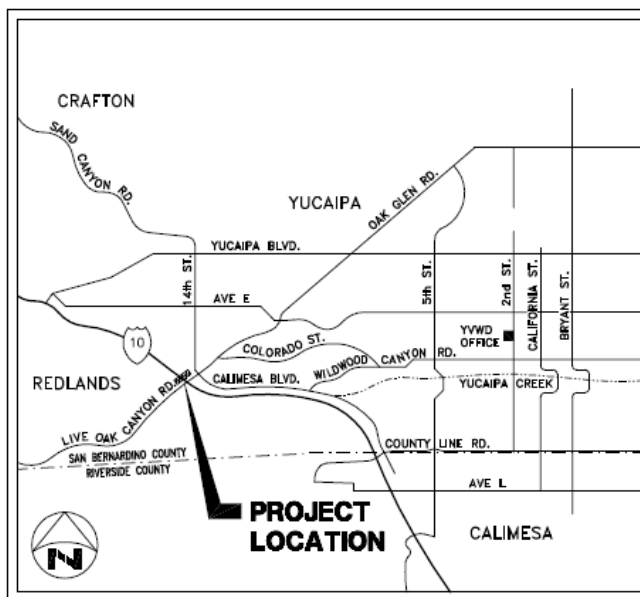
YUCAIPA VALLEY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

Project	I-10 Bore and Jack – Dunlap Crossing		
Fund	Wastewater	Projected Dates	2021-22
Elements #	81883	Priority	Important

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

Project Background: The District operates and maintains various gravity sewer lines within its service area. This project includes the installation of 1,350 linear feet (LF) of sewer main line. The upstream connection will be made to the existing 15" Vitrified Clay Pipe [Asset ID WW-PIP-1-0078] and will flow south west toward the downstream connection point [Asset WW-PIP-1-0023].

This 1,350 LF segment of sewer main line will provide additional opportunities for existing and future customers to receive sewer service from the District.



Project Overview: The sewer main line will be constructed of 15" Vitrified Clay Pipe (VCP) with the exception of 616 LF of High Density Poly-Ethylene (HDPE) that passes through the pipe jack under Interstate 10. During the construction, the District will require access to APN 030120113, APN 030118209, APN 030118212, APN 030118308, and APN 030118321.

District Benefit: Provides current and future sewer connection opportunities. Creates an additional crossing for the I-10 freeway, providing redundancy.

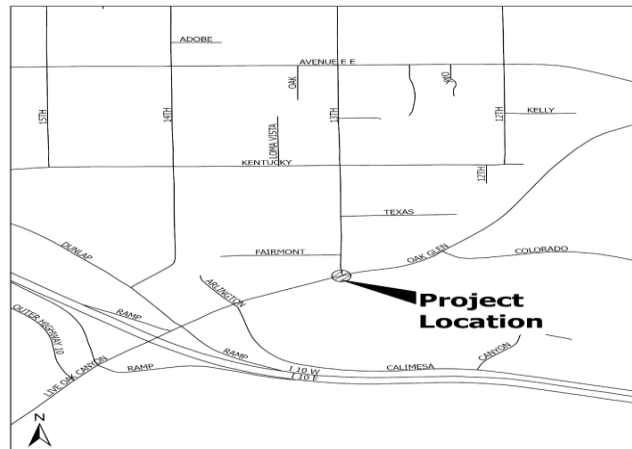
Related Project Requirements: None.

Additional Information: The map below represents the new work to be completed in a dashed line and the existing collection system in a solid line with directional flow arrows. This project has been previously delayed due to the lack of interest from the developer of the gas station and carwash to connect into live sewer. The developer decided to install a holding tank on the premises that requires periodic pumping. The completion of this project would provide additional sewer availability for the surrounding area.

YUCAIPA VALLEY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

Project	Oak Glen Road Sewer Pipeline		
Fund	Wastewater	Projected Dates	2021-22
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.

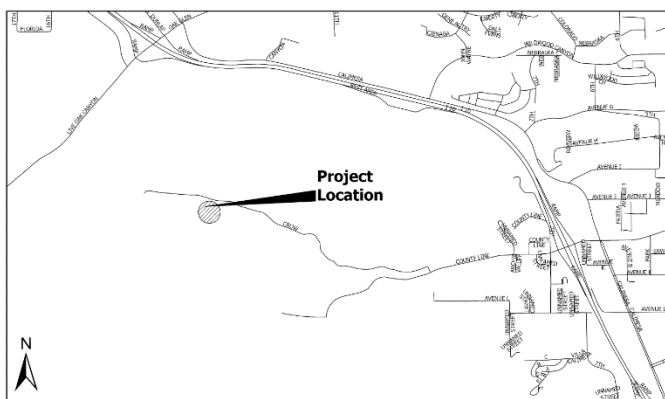
Related Project Requirements: To make this project operational, the Bore and Jack Dunlap Crossing Project must be complete (estimated project cost \$1,100,000).



YUCAIPA VALLEY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

Project	Secondary Treatment Improvements Project (STIP)		
Fund	Wastewater	Projected Dates	2021-23
Elements #	87041	Priority	Important

FUNDING SOURCE	
Reserves/Depreciation	\$ 768,520
Development Impact Fees	\$ 0
Federal Participation	\$ 0
State Participation	\$ 0
Bond Financing	\$ 0
Local Matching	\$ 0
Other Funds	\$ 1,055,480
Total	\$ 1,824,000



LOCATION MAP

Project Description: The Wochholz Regional Water Recycling Facility (WRWRF) secondary treatment process consists of anoxic basins, aeration tanks, and secondary clarifiers. There are four aeration tanks, each containing two aerobic zones for delivery of aeration air. The purpose of aeration air is to provide dissolved oxygen to the biological treatment process for ammonia removal. The current approach involves controlling the dissolved oxygen in the aeration basins. Dissolved oxygen control is essential to cost effective operation; however, the aeration blowers must be able to adjust to a variable demand of oxygen smoothly over differing water quality conditions.

Major modifications to the secondary treatment process as part of STIP include:

- Removal of the IFAS media for the aeration tanks
- Replacement of the aeration tank coarse bubble diffusers with fine bubble diffusers
- Replacement of the aeration air control valves and actuators
- Replacement of the existing multistage centrifugal blowers with turbo blowers

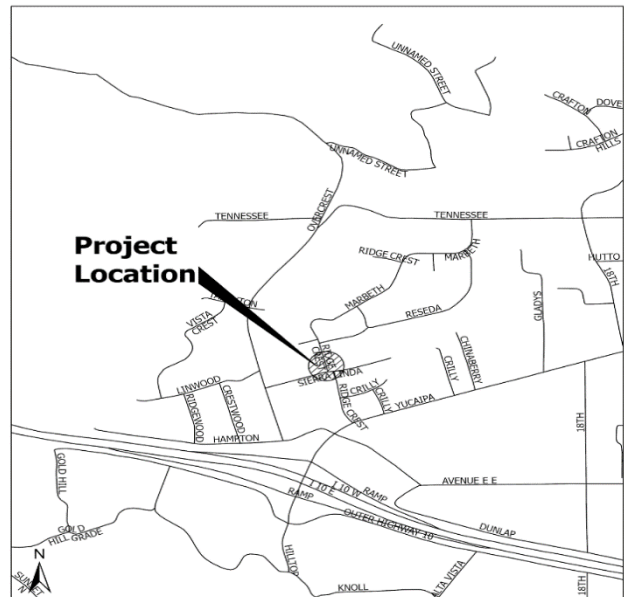


YUCAIPA VALLEY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

Project	Tract 20415 Sewer Mainline Extension		
Fund	Wastewater	Projected Dates	2021-22
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

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.



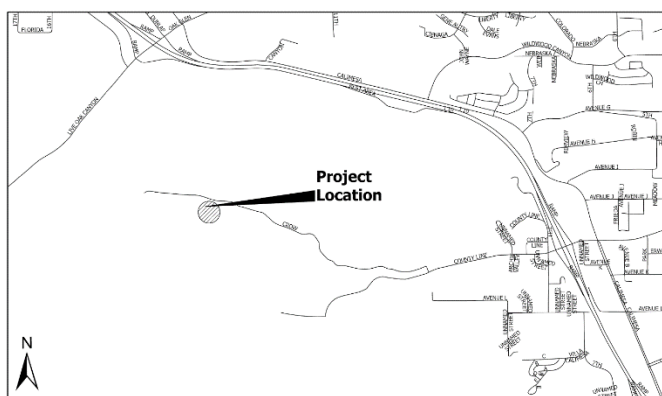
LOCATION MAP



YUCAIPA VALLEY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

Project	Replacement DAF Equipment		
Fund	Wastewater	Projected Dates	2021-22
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 thicken sludge is then fed to the digesters for further stabilization.

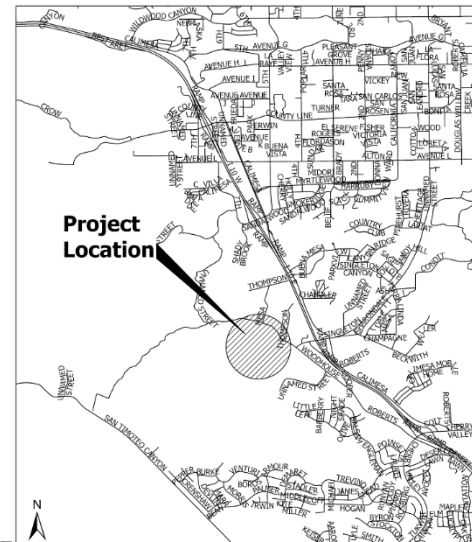


YUCAIPA VALLEY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

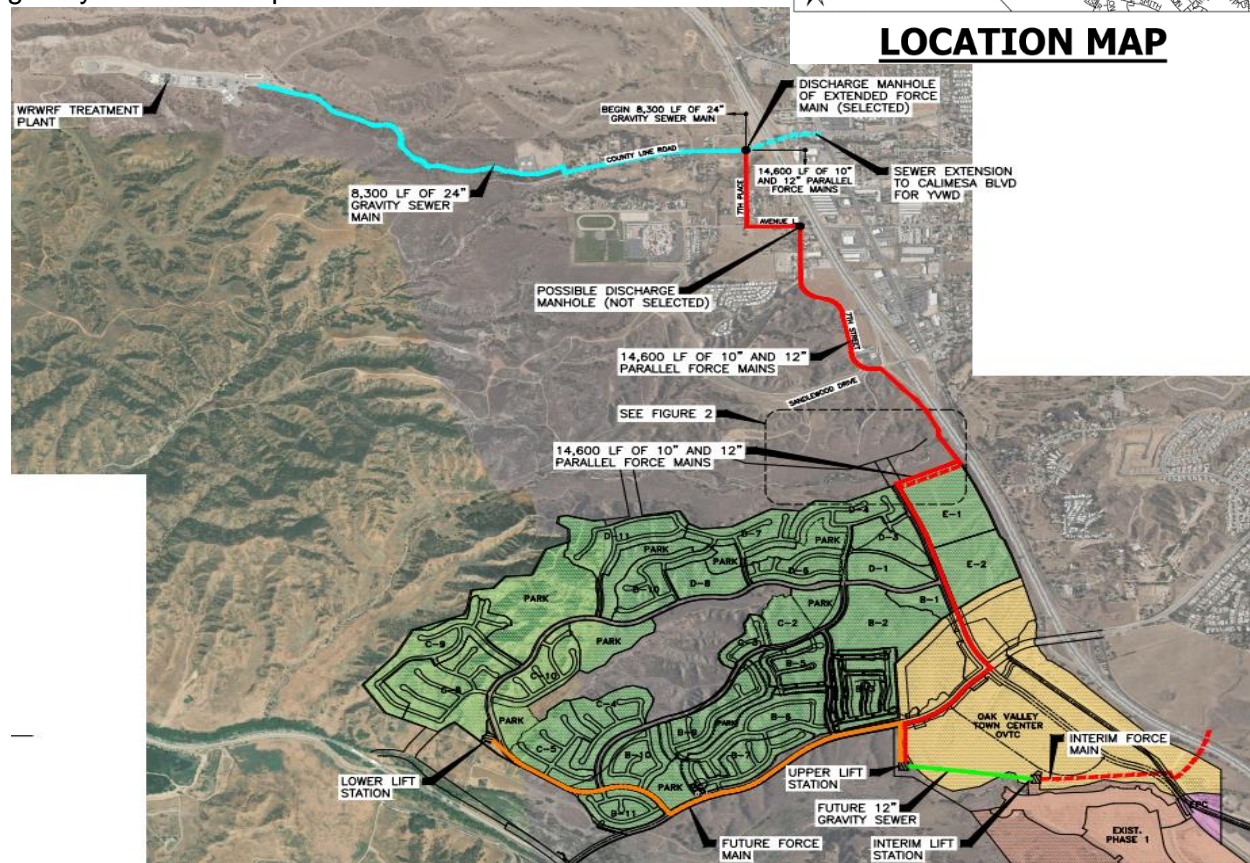
Project	Summerwind/Oak Valley Improvements		
Fund	Wastewater	Projected Dates	2021-23
Elements #	81279	Priority	Necessary

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

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 these



LOCATION MAP

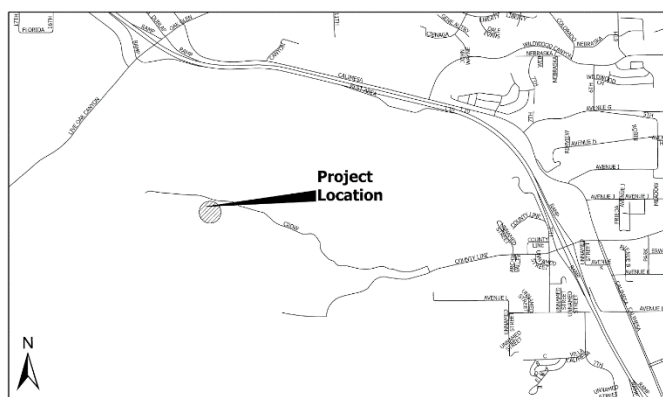


development. Developer (SCIP) funding will reimburse portions of the project and construction costs.

YUCAIPA VALLEY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

Project	Salinity and Groundwater Enhancement (SAGE)		
Fund	Wastewater	Projected Dates	2020-22
Elements #	95290	Priority	Critical

FUNDING SOURCE	
Reserves/Depreciation	\$ 0
Development Impact Fees	\$ 0
Federal Participation	\$ 0
State Participation	\$ 0
Bond Financing	\$ 0
Local Matching	\$ 20,909,604
Other Funds	\$ 0
Total	\$ 20,909,604



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
- Treat and reuse wastewater for multiple beneficial uses to meet existing and future needs within the YVWD'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. The District estimates Phase 1 will be complete by September 2022 to meet this grants requirement and therefore, the District is applying for 25 percent of Phase 1, Phase 2 will take an additional 18 to 24 months to complete. 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.

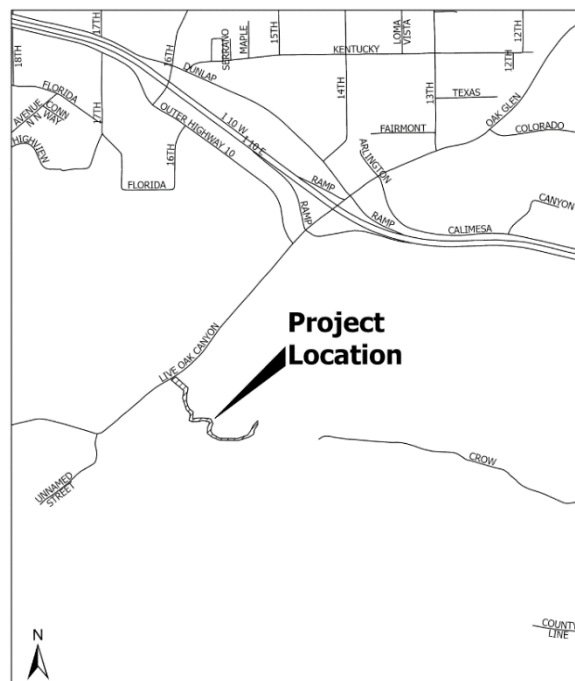
YUCAIPA VALLEY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

Project	Fencing at WRWRF exit to Live Oak Canyon Road		
Fund	Wastewater	Projected Dates	2021-22
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.



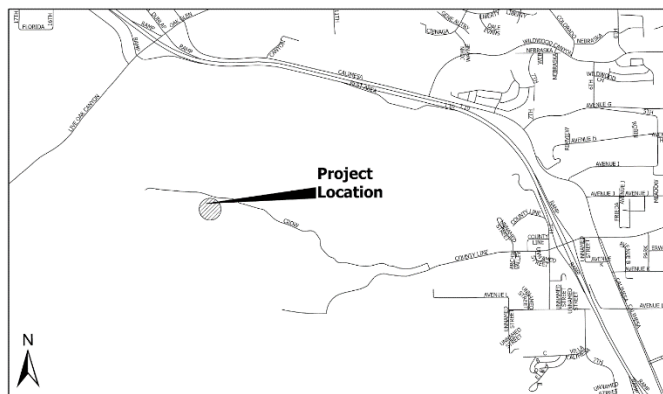
LOCATION MAP



YUCAIPA VALLEY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

Project	Digester Feed Valve and Actuator		
Fund	Wastewater	Projected Dates	2021-24
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

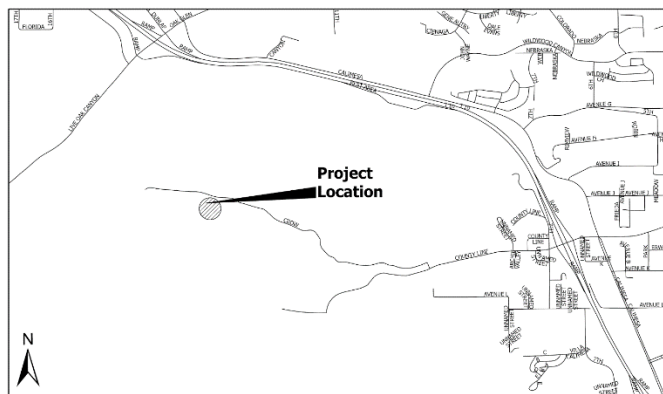
Project Description: Wochholz Regional Water Recycling Facility (WRWRF) uses eight total digester feed valves and actuators. The feed valves are programmed to evenly distribute thickened waste sludge from the DAF into the 4 online digesters to ensure that short circuiting is not taking place within the 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	2021-22
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

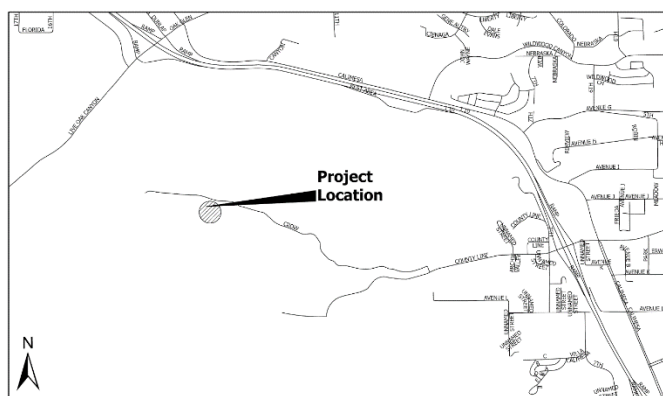
Project Description: At Wochholz Regional Water Recycling Facility (WRWRF) belt filter presses are mechanical dewatering equipment used to dewater biosolids generated from the digesters. The existing belt press building is in need of rehabilitation. The building's interior walls, structures and pipes 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	Lab De-Ionized Water System		
Fund	Wastewater	Projected Dates	2021-22
Elements #	TBD	Priority	Important

FUNDING SOURCE	
Reserves/Depreciation	\$ 15,000
Development Impact Fees	\$ 0
Federal Participation	\$ 0
State Participation	\$ 0
Bond Financing	\$ 0
Local Matching	\$ 0
Other Funds	\$ 0
Total	\$ 15,000



LOCATION MAP

Project Description: The de-ionized water system at the Wochholz Regional Water Recycling Facility (WRWRF) Laboratory was originally built 13 years ago. The life span of a de-ionized water system panel is around 8 years according to the manufacturer. Currently, the District is having contractors fix spot leaks and other issues.

Project Overview: Rebuild of de-ionized water system panel, installation of new pipe and electrical, demolition of old panel and components.

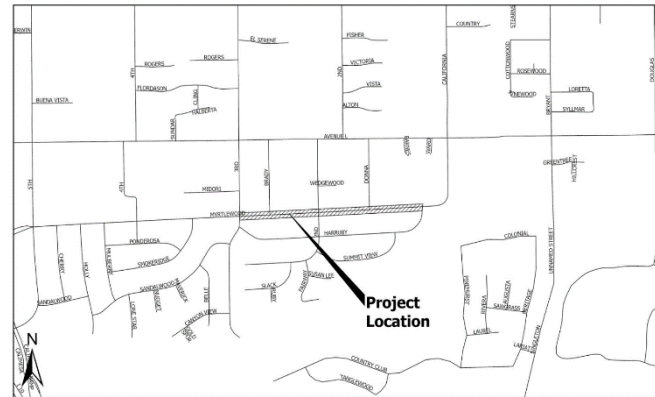


District Benefit: Rebuilding the system will be more cost effective than spot fixing the de-ionized water system panel.

YUCAIPA VALLEY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

Project	Myrtlewood Drive Sewer Installation		
Fund	Wastewater	Projected Dates	2022-23
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

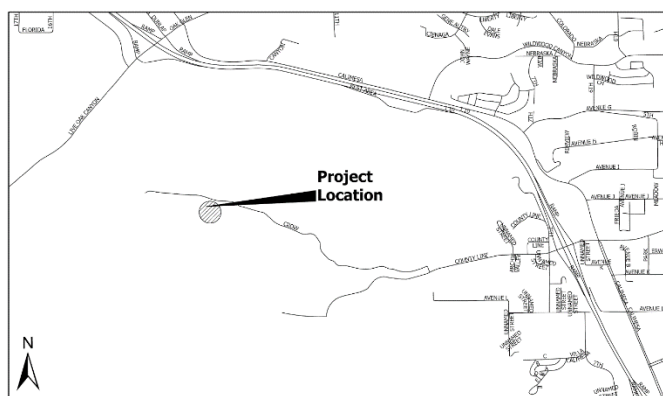
Project Description: Sewer mainline extension in Myrtlewood Drive between Third Street and California Street in the City of Calimesa. This sewer extension of the existing sewer collection system would coordinate with the drinking water pipeline in this same segment of roadway. By installing both water 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	2022-23
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

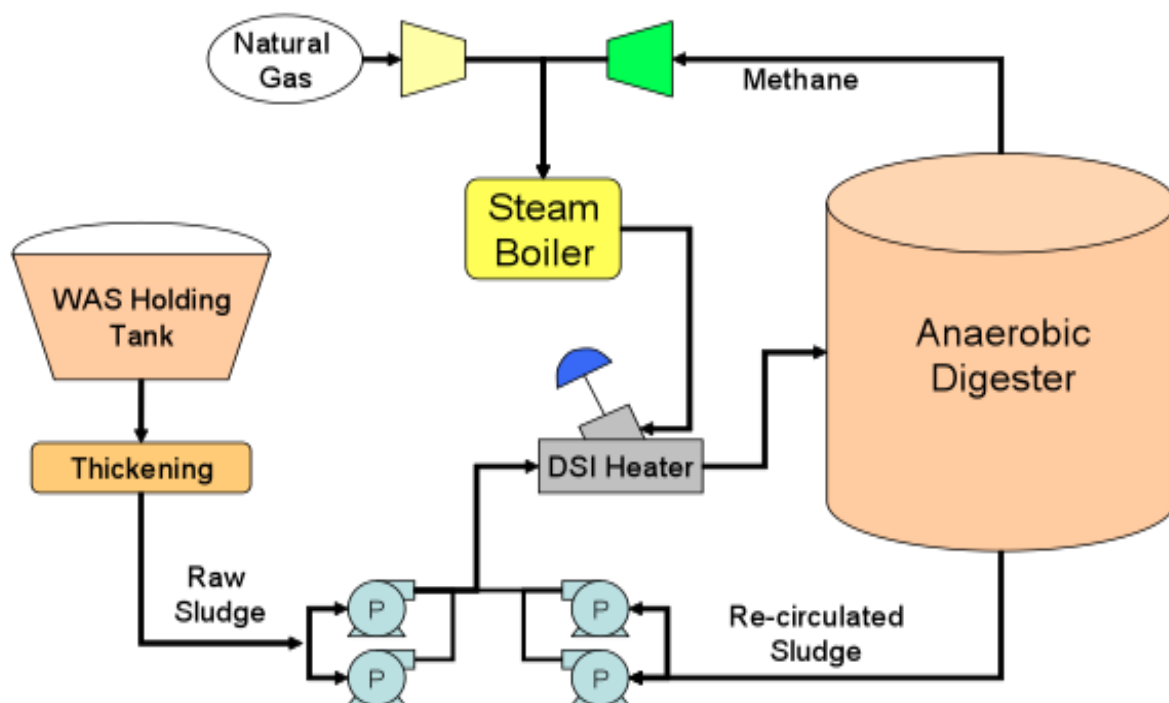
Project Description: The process of sludge digestion produces digester gas from solids settled and collected from the wastewater flow. This process is corrosive and results in accumulation of non-organic materials in the digesters. Typically, digesters are emptied for inspection and removal of non-organic 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.



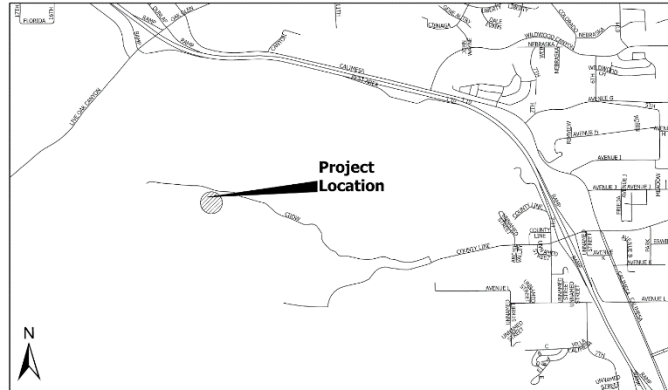
Anaerobic Digestion



YUCAIPA VALLEY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

Project	Backwash Return Basin Pump Replacement and Relocation		
Fund	Wastewater	Projected Dates	2022-23
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

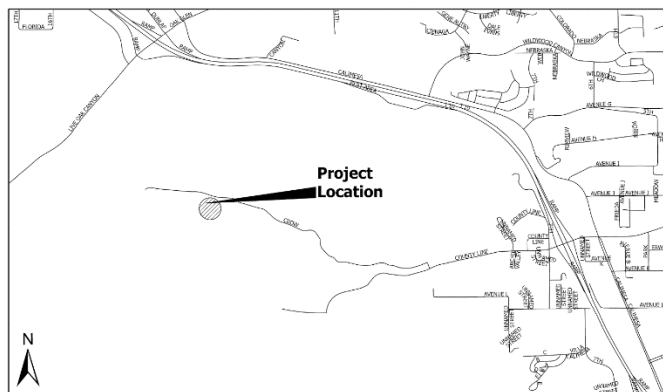
Project Description: Backwash return basin pump replacement and increase sizing from 2 inches to 4 inches. Relocation to a more accessible location. As we return more water to backwash return basin pump size will need to increase to handle anymore flow. We will need to evaluate for SAGE project.



YUCAIPA VALLEY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

Project	Methane Waste Gas Flare		
Fund	Wastewater	Projected Dates	2022-23
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.

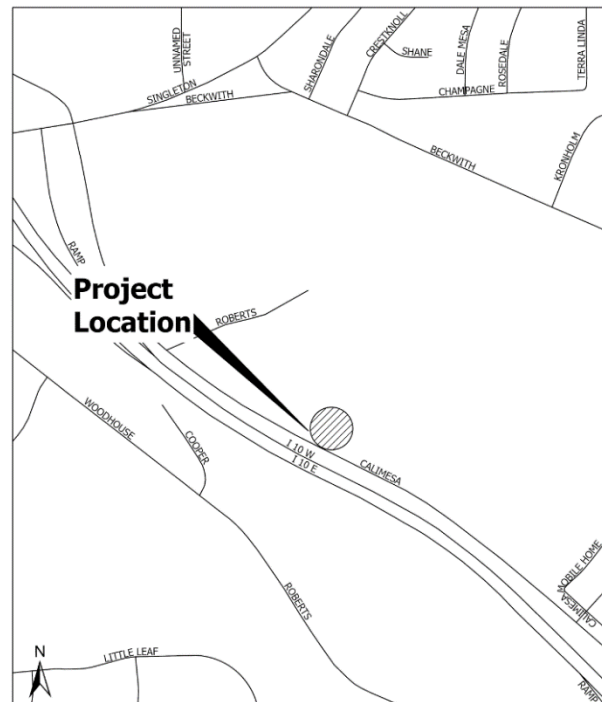
YUCAIPA VALLEY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

Project	Lift Station 2 Replacement/Relocation		
Fund	Wastewater	Projected Dates	2023-24
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

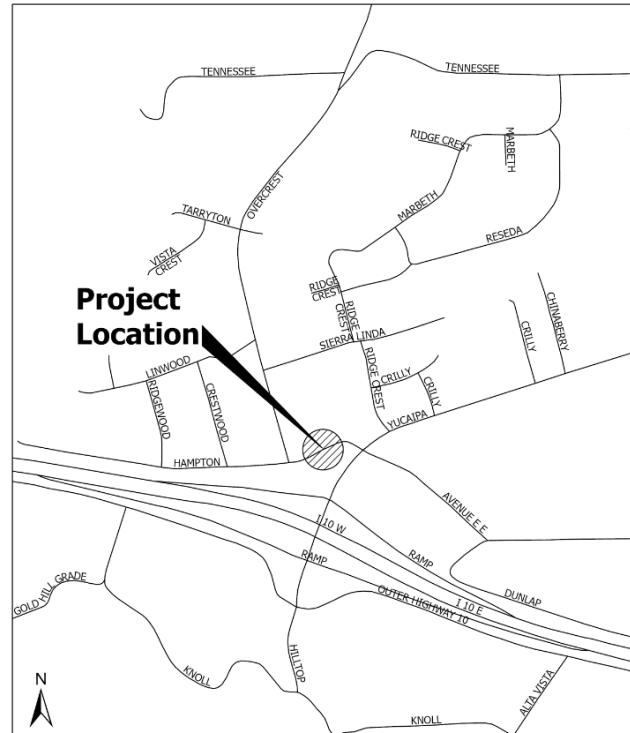
YUCAIPA VALLEY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

Project	Lift Station 8 Replacement/Relocation		
Fund	Wastewater	Projected Dates	2024-25
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

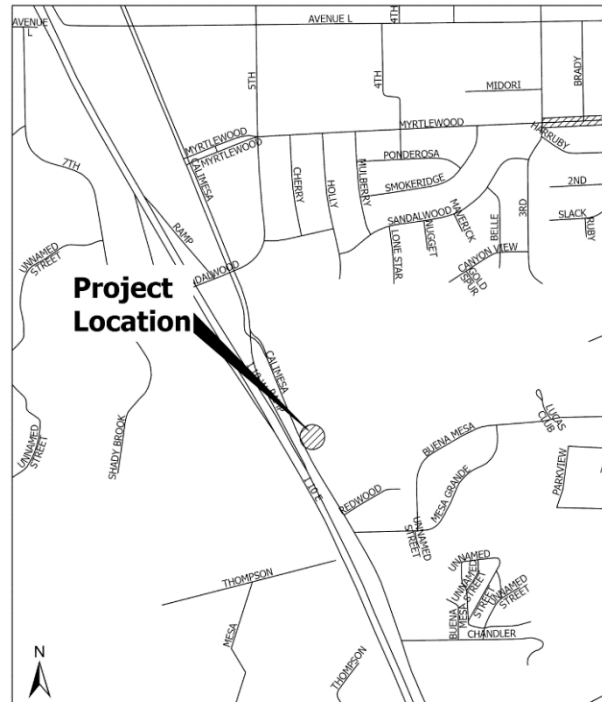
YUCAIPA VALLEY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

Project	Lift Station 4 Replacement/Relocation		
Fund	Wastewater	Projected Dates	2025-26
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

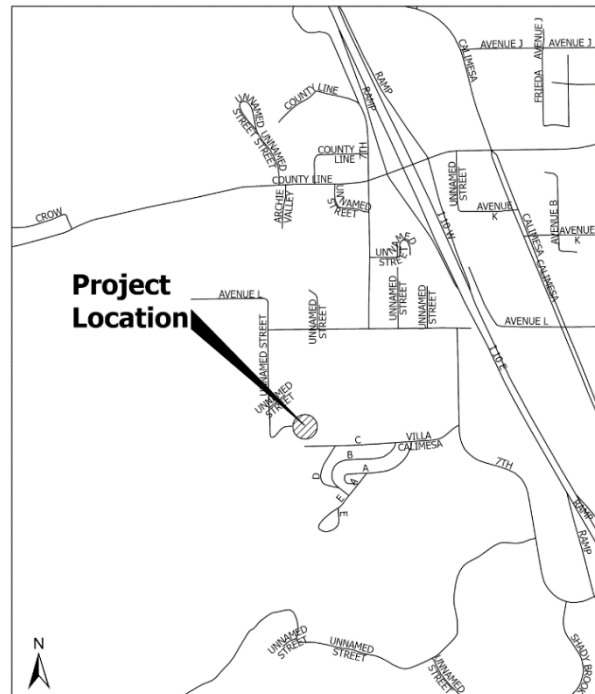
YUCAIPA VALLEY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

Project	Lift Station 3 Upgrade		
Fund	Wastewater	Projected Dates	2025-26
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

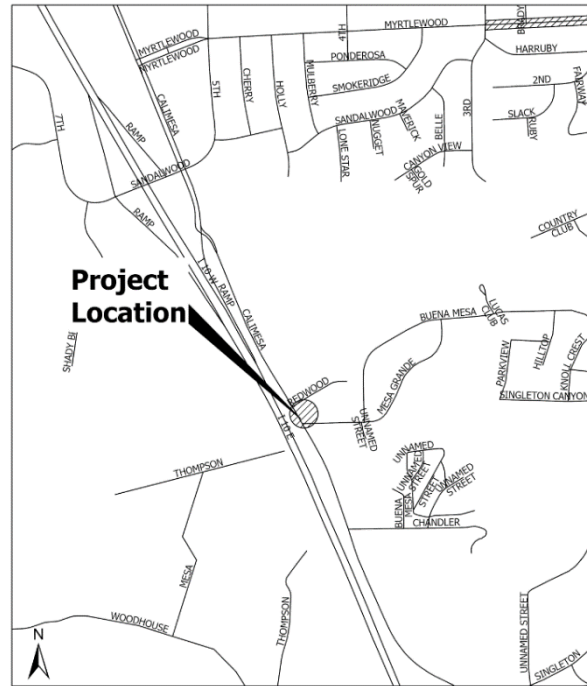
YUCAIPA VALLEY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

Project	Sewer Mainline Deficiency – Calimesa Boulevard (Pipeline)		
Fund	Wastewater	Projected Dates	2025-26
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

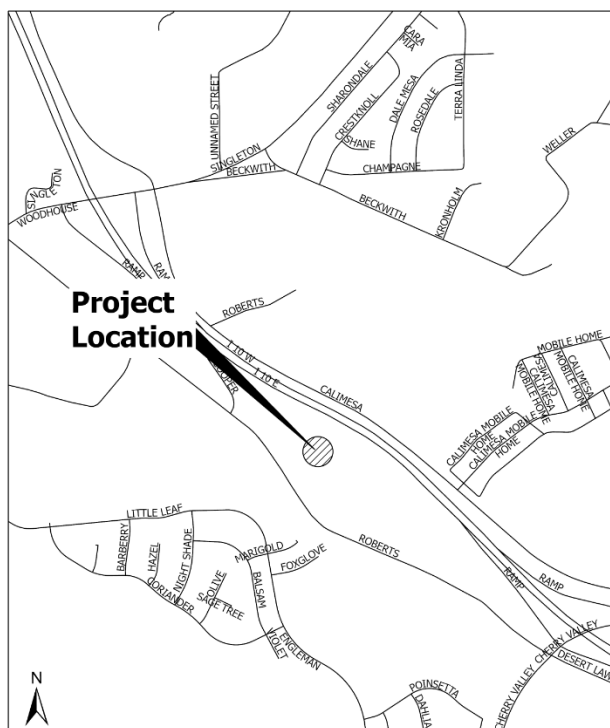
YUCAIPA VALLEY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

Project	ASR Calimesa		
Fund	Recycled	Projected Dates	2020-23
Elements #	95280	Priority	Critical

FUNDING SOURCE	
Reserves/Depreciation	\$ 7,028,300
Development Impact Fees	\$ 0
Federal Participation	\$ 0
State Participation	\$ 0
Bond Financing	\$ 0
Local Matching	\$ 0
Other Funds	\$ 0
Total	\$ 7,028,300

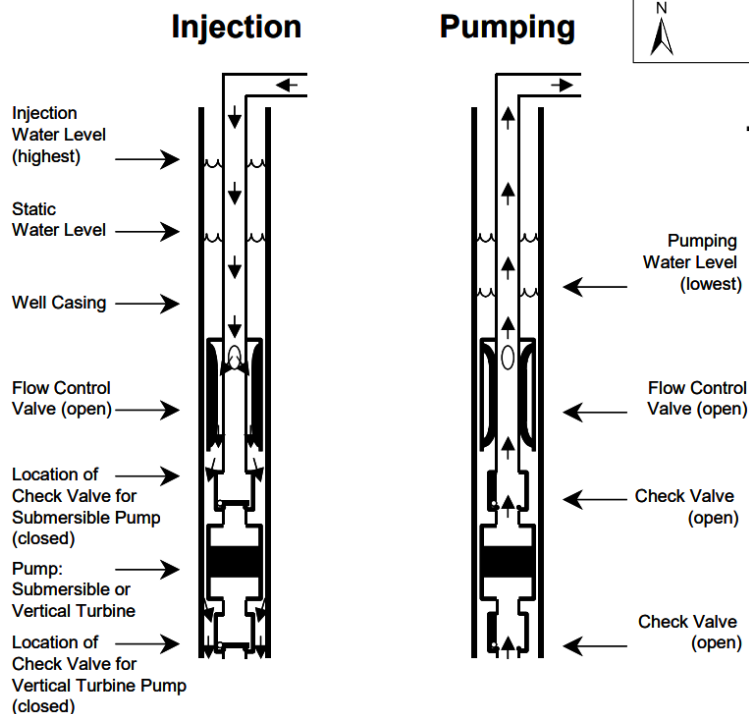
Project Description:

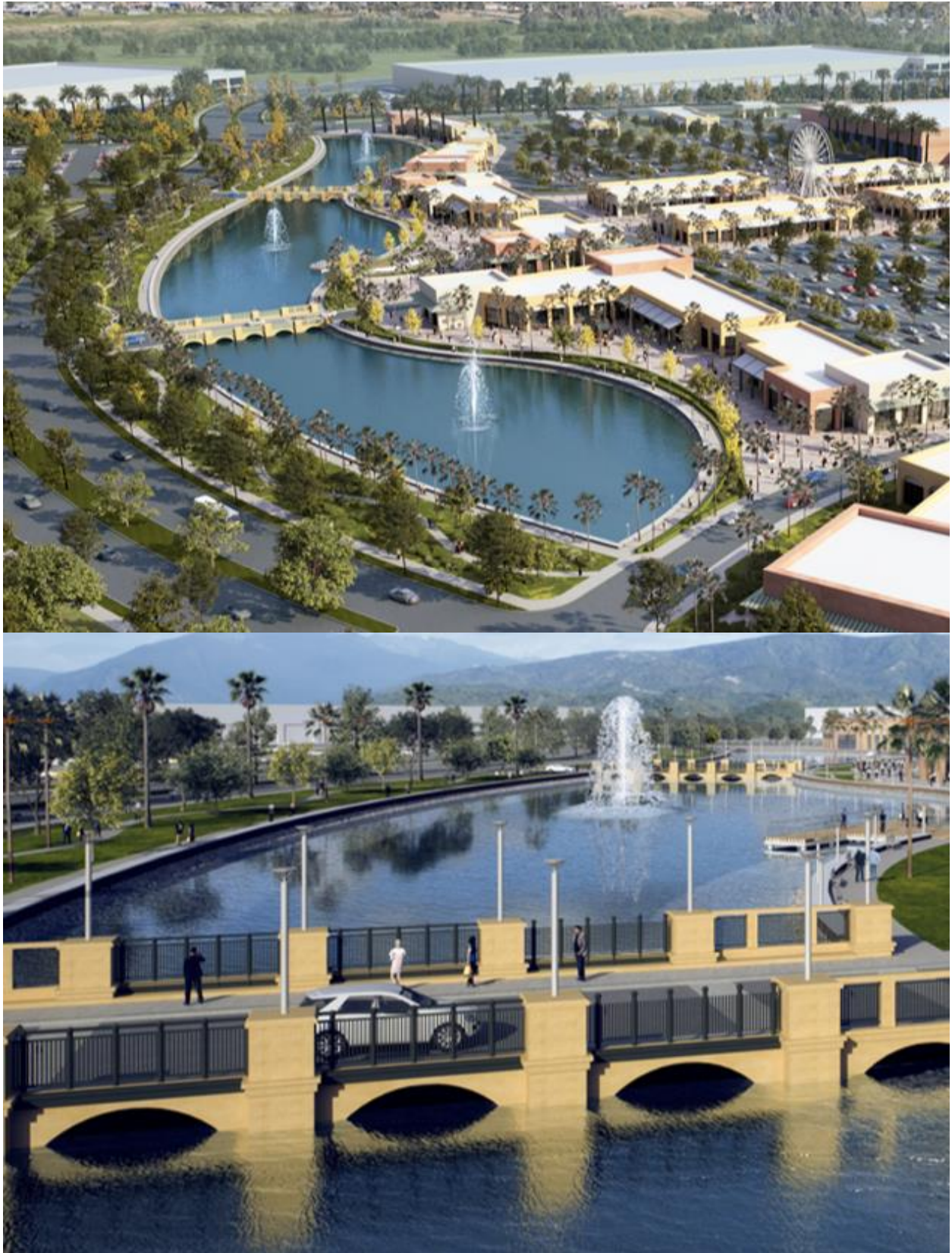
The District staff has been studying the creation of the Calimesa Lakes and Aquifer Storage and Recovery (ASR) Wells Project. This project will utilize recycled water for groundwater recharge with provisions for augmentation with imported water when available.



LOCATION MAP

This project will be located in the Oak Valley Commercial Development and will consist of a lined pond with adjacent Aquifer Storage and Recovery (ASR) Wells. This project will be completed over three years, with an estimated cost of slightly more than two million a year.



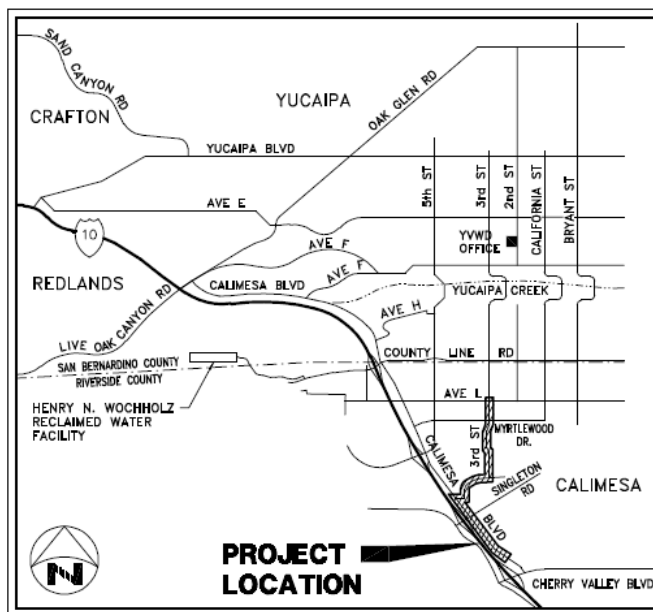


YUCAIPA VALLEY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

Project	Calimesa Recycled Water Conveyance Pipeline		
Fund	Recycled	Projected Dates	2020-23
Elements #	81810	Priority	Critical

FUNDING SOURCE	
Reserves/Depreciation	\$ 1,500,000
Development Impact Fees	\$ 0
Federal Participation	\$ 0
State Participation	\$ 0
Bond Financing	\$ 0
Local Matching	\$ 0
Other Funds	\$ 3,920,100
Total	\$ 5,420,100

Project Background: The Calimesa Recycled Water Conveyance Project is an essential transmission mainline that will convey 12 zone recycled water to the Summerwind and Shopoff developments without the need for a booster. The project is located within the City of Calimesa, a connection at Ave 'L' and 3RD Street south to the Bore and Jack and Calimesa Boulevard. General alignment is outlined in the figure below.

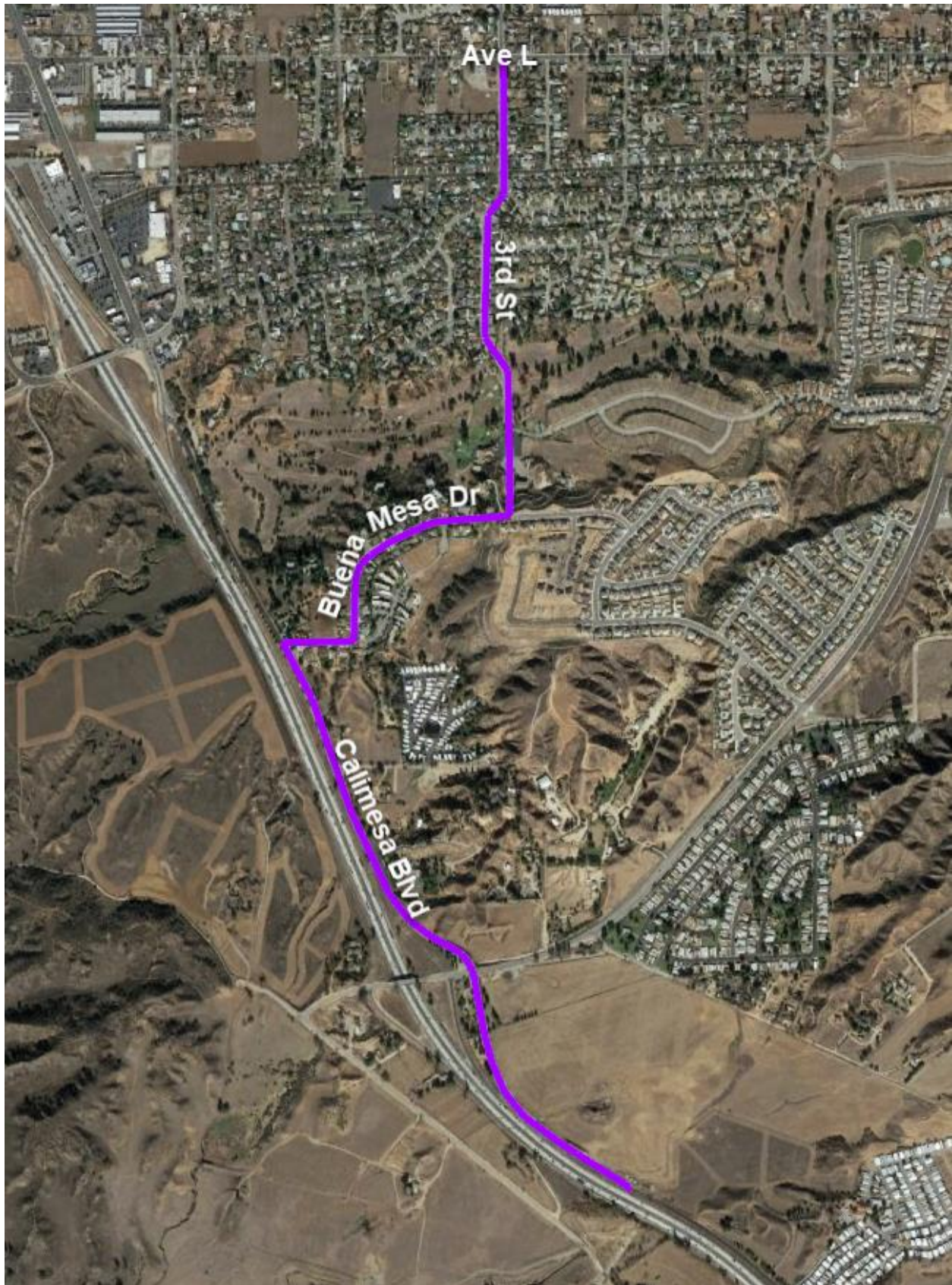


LOCATION MAP

Project Overview: The project will consist of 11,865 linear feet of 24" ductile iron pipe that will connect the existing 12 zone distribution system in Ave 'L' to the Bore and Jack that is serving the Summerwind residential development.

District Benefit: Connection of existing recycled water facilities to provide recycled water to dual plumbed customers whom are currently receiving drinking water through recycled water infrastructure. This will reduce reliance on State water and conserve drinking water by utilizing recycled water for outdoor irrigation and usage.

Related Project Requirements: Future 12.5 zone recycled reservoirs will be constructed within the Shopoff development. The District will build the reservoirs and the developer will construct the off-site pipeline.

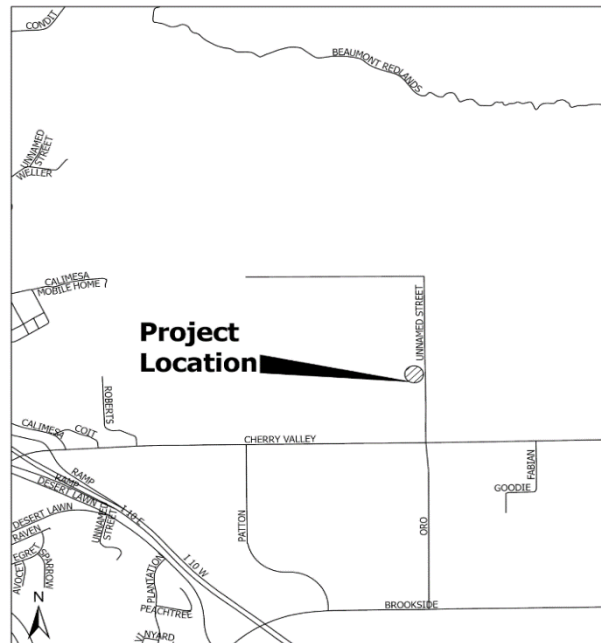


YUCAIPA VALLEY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

Project	Shopoff Recycled Water Tank(s) (12 zone)		
Fund	Recycled	Projected Dates	2021-22
Elements #	95916	Priority	Critical

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	\$ 0
Total	\$ 2,000,000

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 500,000 gallons each. The location of this site will balance the 12 zone recycled demand flows as the nearest recycled reservoir in the 12 zone is over 5 miles to the north in Chapman Heights.



LOCATION MAP



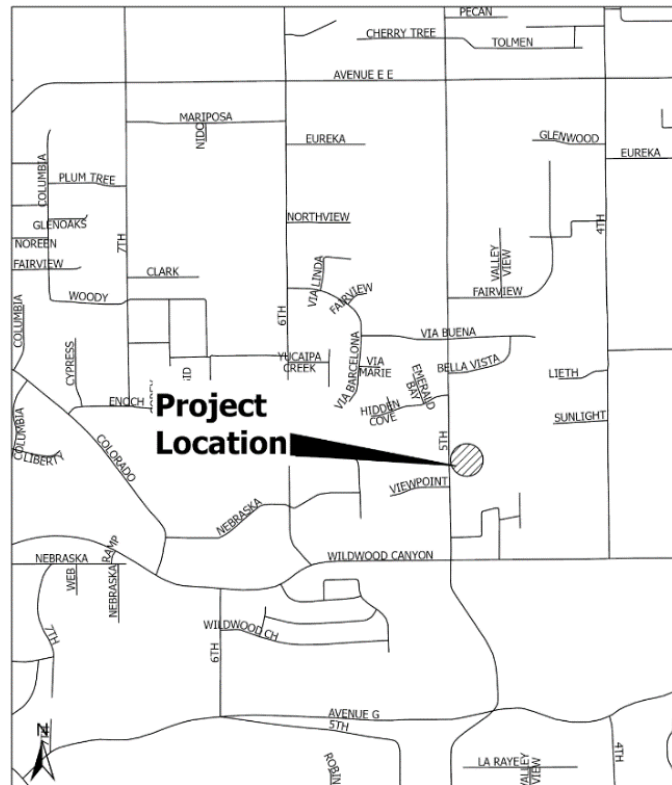
YUCAIPA VALLEY WATER DISTRICT CAPITAL IMPROVEMENT PROGRAM

Project	5 th Street Recycled Water Fill Station		
Fund	Recycled	Projected Dates	2021-22
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

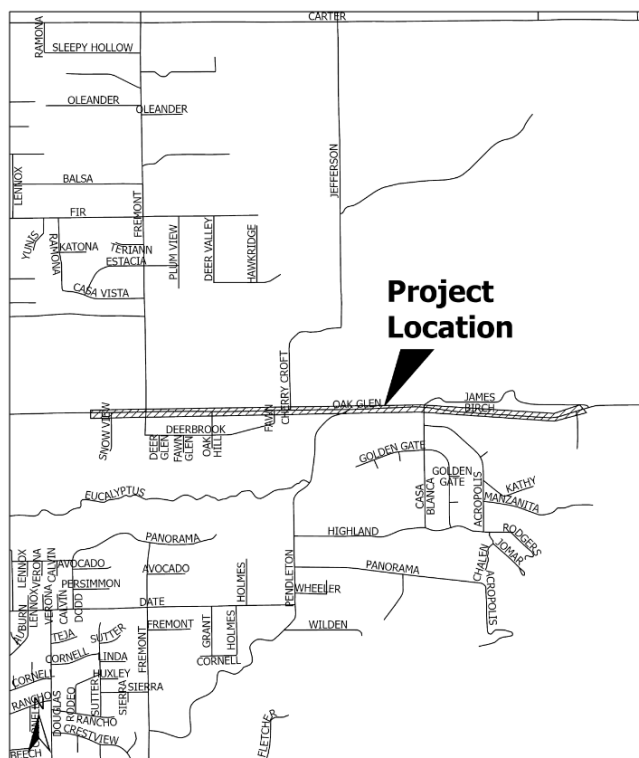
Project	Recycled Water Pipeline for R16.2		
Fund	Recycled	Projected Dates	2023-24
Elements #	91817	Priority	Important

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

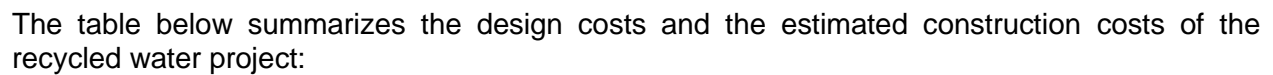
Summary: The components of the recycled water storage and distribution facilities include a booster station, a pipeline, and a reservoir. The recycled water reservoir will be located on the same pad as the drinking water reservoir(s). The booster station will be located at the Yucaipa Valley Regional 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

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