

ANNUAL BUDGET

FISCAL YEAR 2023-24



VALLEY CENTER
MUNICIPAL
WATER DISTRICT



VALLEY CENTER, CA

Cover Photo: View of hillside in the central area of Valley Center.

Annual Budget

For The Fiscal Year Ended
June 30, 2024

Valley Center Municipal Water District



Prepared by:

Valley Center Municipal Water District's Finance Department
James V. Pugh, Director of Finance and Administration
Vanessa Velasquez, Manager of Accounting

29300 Valley Center Road ▪ PO Box 67 ▪ Valley Center, CA 92082

www.valleycenterwater.org



Valley Center Municipal Water District

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Valley Center Municipal Water District

Annual Budget

For The Fiscal Year Ended
June 30, 2024

Directory of District Officials



Robert A. Polito
President
Division 1
Since 1989



Enrico P. Ferro
Vice-President
Division 4
Since 2016



Daniel E. Holtz
Director
Division 5
Since 2018



Oliver J. Smith
Director
Division 3
Since 2019



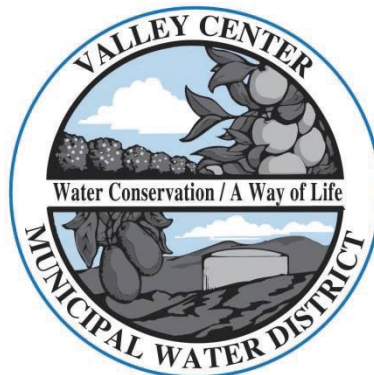
Cooper T. Ness
Director
Division 2
Since 2022

District Management

Gary T. Arant
General Manager
33 years of service

Wally T. Grabbe
District Engineer
Deputy General Manager
31 years of service

James V. Pugh
Director of Finance & Administration
Treasurer
20 years of service



Brian E. Lovelady
Director of Operations/Facilities
34 years of service

Ando Pilve
Director of Information Technology
14 years of service

Kirsten N. Peraino
Executive Assistant
Board Secretary
3 years of service

General Counsel

Paula C.P. de Sousa
Best, Best & Krieger, LLP
12 years



Valley Center Municipal Water District

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Valley Center Municipal Water District was recognized by the California Society of Municipal Finance Officers (CSMFO) for excellence in operational budgeting for Fiscal Year 2022-2023 - Our twenty fifth year in a row. We believe our current budget continues to conform to the certificate program requirements, and we are submitting it to CSMFO.



Valley Center Municipal Water District

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2023-2024 Budget Overview

VALLEY CENTER MUNICIPAL WATER DISTRICT 2023-24 BUDGET OVERVIEW

It is projected that for the Water General Fund in Fiscal Year 2023-24 operating revenues will exceed the projected operating expenses for a budgeted surplus of \$346,146 with the surplus dedicated to capital projects. Total water capital expenditures are estimated at \$4,707,750 and will require the use of Non-Operating revenues to complete the capital expenditures.

Total Budgeted Revenues

Total Budgeted Revenues for 2023-24 are \$59,516,239, which is \$2,974,670 or 5.3% higher than the 2022-23 adopted budget of \$56,541,569. The increase is due to increased rates and charges that went into effect in January 2023 as well as the anticipated rate increases to go into effect in January 2024. In addition, there is higher investment income and property taxes offset by lower capacity charges.

For the current year ending June 30, 2023, **Water Sales** are projected at 14,400 acre feet of water. This is 12.7% lower than the budget of 16,500 acre feet. For 2023-24, the District is budgeting water sales at 16,000 acre feet. Staff believes that the estimates for Fiscal Year 2023-24 are reasonable given the uncertain agricultural environment.

With the most recent information available, it is estimated that wholesale **Water Rates** from the San Diego County Water Authority (SDCWA) and Metropolitan Water District (MWD) on January 1, 2024, will increase by 10.1% for treated water and 8.6% for certified agricultural over the current adopted rates. The new rates are proposed at \$2,420.72 per acre foot for full price and \$1,744.49 for the Permanent Special Agricultural Water Rate (PSAWR) customers.

Also included in the water charges the District is required to pay SDCWA and MWD in 2024 are fixed charges for ready-to-serve, capacity, customer service, emergency storage, and supply reliability. The District calculates the per acre foot equivalent of these charges by dividing the total charges by projected water sales, less a 10% reserve for sales levels under budgeted amounts. For the fiscal year ending 2024 budgeted sales are 16,000 acre feet and the fixed charges totaling \$4,223,005 are allocated over 14,400 acre feet. Total fixed charges for Fiscal Year 2023-24 are \$6,122, or 0.14%, lower than the estimated actual in Fiscal Year 2022-23.

The District's local cost component of the water rate is budgeted at \$278.57 per acre foot, an increase of 1.8%, which is included in the rates above, over the current rate of \$273.64. This increase is necessary to cover a portion of the locally controlled fixed costs. A **meter service charge** increase of 1.8% is also recommended. The charge for a ¾ inch meter is budgeted at \$48.31, an increase of \$0.85 from \$47.46.

New Connection Sales are estimated to increase \$48,300 over the prior year budget. The increase is due to the new developments and growth that the community is experiencing as a result of the expansion to the Woods Valley Ranch Wastewater Expansion.

Estimated **interest earnings** rate at 2.56% will yield \$800,000. **Capacity Charges** are budgeted at \$778,100 a reduction of 52.9% less than current estimated charges. This is due to the reduction of the build out at the Park Circle development. **Property Taxes** are budgeted at \$3,268,000 an increase of 2% more than our estimate for the current year. **Water Availability Charges** will remain at \$573,000.

Moosa proposed operating revenues will exceed the projected operating expenses for a budget surplus of \$723,181 with the surplus dedicated to capital projects.

There is no change proposed to the Moosa wastewater monthly service charge, currently \$61.72 nor the low-pressure wastewater collection system maintenance fee for a small part of its wastewater service area of \$50.93.

On February 21, 2023 the Board approved the Moosa Master Plan which outlined the capital improvement requirements over the next 20 years. Included in the Master Plan was a discussion about leveraging the net sewer service charge revenues through short-term funding from the District's General Fund and long-term Clean Water State Revolving Fund (CWSRF) Loans. For those CWSRF Loans, the State Water Resources Control Board has debt coverage requirements that would require increasing the total net revenues from \$340,000 to \$690,000. The new Capital Improvement Charge is proposed at \$12/month/EDU for that reason.

Woods Valley Ranch sewer service charges and sewer standby fees for properties not yet connected to the sewer system are collected as a fixed charge special assessment on the property tax roll. The sewer service fee is the same as the current year, \$98.60/month or \$1,183.20/year per unit for both Service Areas 1 & 2. The sewer standby fees for properties not yet connected to the sewer system will also remain the same in the coming year at \$550.32 per Equivalent Dwelling Unit (EDU) and will be used to establish a replacement reserve. The Grinder Pump Maintenance Charge will also remain the same at \$611.16/year or \$50.93/month for one EDU which will be assessed on those properties requiring a grinder pump unit. All charges will be included as a fixed charge special assessment on the property taxes.

The **Woods Valley Ranch Expansion** will be collecting a fixed charge special assessment for Assessment District 2012-1 (AD 2012-1) and a Special Tax for CFD 2020-1. The purpose of the AD 2012-1 assessment is to fund the annual debt service payments for the payment of the Clean Water State Revolving Loans and the Limited Obligation Improvement Bond for the Woods Valley Ranch Wastewater Expansion Project. The purpose of the CFD 2020-1 Special Tax is to fund the Special Tax Requirements pursuant to the rate and method of apportionment for the CFD 2020-1.

Total Budgeted Expenses

Total Budgeted Expenses, including capital, are \$58,336,321, which is 5.2%, or \$2,882,434, higher than the 2022-23 adopted budget of \$55,453,887. The overall budget increase reflects higher operating expenses offset by a slightly lower capital outlay.

Source of Supply is the single largest Water Operating Expense totaling \$33,395,749. It includes the cost of water sold, electricity, and natural gas the sum of which accounts for 69% of the total General Fund budgeted operating expenditures in Fiscal Year 2023-24. Source of Supply is \$2,092,587 or 6.7%, higher than in the prior year due to increases to the wholesale costs that will go into effect in calendar year 2024.

General Administration costs are up \$10,142 over last year. This is due to increases in legal services, the water conservation program and the LAFCO budget assessment that were partially offset by decreases to both labor and benefits and the unclassified contingency fund.

Finance expenses, excluding debt service, are projected to be \$81,521 lower than the current budget. The decrease is largely due to lower write off of uncollectible accounts and the elimination of the Emergency Paid Sick Leave both related to the COVID-19 Pandemic. Those decreases were partially offset by increases to outside professional services, labor and benefits, training and education, and transportation, meals and travel.

Information Technology expenses are \$67,248 or 6.7% higher due to an increase in labor and benefits and the cost of maintaining equipment partially offset by a decrease to the cost of maintenance agreements & contracts.

Engineering expenses are up by \$160,888 or 7.8%. The increase represents higher labor and benefits that includes overlap for a new District Engineer and higher software technical support costs that are partially offset by decreases in outside professional services, maintenance of equipment, special department expenses, transportation, meals & travel, and membership fees and dues.

Operations and Facilities expenses for 2023-24 are expected to have a net change of nearly zero. The major changes are comprised of decreased labor and benefits, outside professional services, gas, oil and grease, and maintenance of engines. The decreases were almost entirely offset by increased temporary labor, chlorine, maintenance of valves, meter installation costs, maintenance of facilities and installation of backflow devices.

Moosa proposed operating expenses are \$83,141 less than the current 2022-23 budget. The decrease is due to lower labor and benefits and administrative overhead costs which were partially offset by higher outside professional services, chemicals and regulatory permit fees. Additional savings may be derived from the new solar array that was recently brought online.

Woods Valley Ranch operating expenses are \$177,264 higher than the current year budget due to increased labor and benefits, outside professional services, administrative overhead, chemicals, and maintenance expenses.

Capital Projects

New Capital Projects budgeted in Fiscal Year 2023-24 total \$7,001,550. Water projects total, \$4,707,750 and will require the use of Capital Improvements Reserves. Wastewater capital projects total \$2,293,800, with Moosa totaling \$1,469,500 and Woods Valley Ranch totaling \$824,300 and will require the use of Capital Improvement Reserves.

**VALLEY CENTER MUNICIPAL WATER DISTRICT
2023-2024 BUDGET OVERVIEW**

	2022-2023 Adopted Budget	2022-2023 Estimated Actual	2023-2024 Proposed Budget	Change from Prior Budget	Percent Change from Prior Budget
REVENUES:					
Water Sales	16,500 A.F.	14,400 A.F.	16,000 A.F.	0 A.F.	-2.9%
General Fund:					
Operating Revenues:					
Water Sales (including pumping)	36,389,000	30,442,000	38,068,000	1,679,000	4.6%
Meter Service Charges	7,859,000	7,867,000	8,209,000	350,000	4.5%
New Connection Sales	418,050	1,225,300	466,350	48,300	11.6%
Other Revenue	1,038,900	1,105,000	1,097,600	58,700	5.7%
Investment Income	428,800	663,000	800,000	371,200	86.6%
Total Operating Revenue	46,133,750	41,302,300	48,640,950	2,507,200	5.4%
Debt Service Revenues - Water Availability Charges	47,237	47,237	44,873	(2,364)	-5.0%
Capital Project Revenues:					
State Revolving Fund Loan	0	8,500,000		0	100.0%
Capacity Charges	1,538,200	1,652,524	778,100	(760,100)	-49.4%
Property Taxes	2,873,000	3,215,600	3,268,000	395,000	13.7%
Water Availability Charges	525,763	526,063	528,127	2,364	0.4%
Total Capital Project Revenue	4,936,963	13,894,187	4,574,227	(362,736)	-7.3%
Total General Fund Revenues	51,117,950	55,243,724	53,260,050	2,142,100	4.2%
Moosa Wastewater Revenues	1,877,860	1,887,321	2,117,530	239,670	12.8%
Woods Valley Ranch Wastewater Revenues	1,433,054	1,554,717	1,739,695	306,641	21.4%
Woods Valley Ranch Expansion	2,112,705	1,698,052	2,398,964	286,259	13.5%
Series 1 Bond Proceeds	0	6,000,000		0	100.0%
Total Budgeted Revenues	56,541,569	60,383,814	59,516,239	2,974,670	5.3%
EXPENDITURES:					
General Fund:					
Operating Expenses:					
General Administration	946,420	868,030	956,562	10,142	1.1%
Information Technology	1,002,679	1,040,504	1,069,927	67,248	6.7%
Finance	2,692,161	2,648,486	2,610,640	(81,521)	-3.0%
Engineering	2,055,044	2,153,883	2,215,932	160,888	7.8%
Operations & Facilities	8,040,130	7,985,449	8,045,994	5,864	0.1%
Source of Supply	31,303,162	29,051,649	33,395,749	2,092,587	6.7%
Total Operating Expenses	46,039,596	43,748,001	48,294,804	2,255,208	4.9%
Debt Service - Interest Expense	47,237	47,237	44,873	(2,364)	100.0%
Capital Projects Appropriations	6,049,000	12,014,499	4,707,750	(1,341,250)	-22.2%
Total General Fund Expenditures	52,135,833	55,809,737	53,047,427	911,594	1.7%
Moosa Wastewater:					
Operating Expenses	1,477,490	1,558,176	1,394,349	(83,141)	-5.6%
Capital Project Appropriations	271,795	915,823	1,469,500	1,197,705	440.7%
Total Moosa Expenditures	1,749,285	2,473,999	2,863,849	1,114,564	63.7%
Woods Valley Ranch Wastewater:					
Operating Expenses	938,493	951,682	1,115,757	177,264	18.9%
Capital Project Appropriations	122,795	214,644	824,300	701,505	571.3%
Total Woods Valley Ranch Expenditures	1,061,288	1,166,326	1,940,057	878,769	82.8%
Woods Valley Ranch Expansion:					
Operating Expenses	78,000	78,000	80,000	2,000	2.6%
Debt Service - Interest Expense	429,481	429,481	404,988	(24,493)	-5.7%
Capital Project Appropriations	0	3,740,480	0	0	0.0%
Total Woods Valley Ranch Expenditures	507,481	4,247,961	484,988	(22,493)	-4.4%
Total Budgeted Expenditures	55,453,887	63,698,023	58,336,321	2,882,434	5.2%
NET REVENUES & EXPENDITURES	1,087,683	(3,314,209)	1,179,918	92,236	8.5%
FUNDING FROM (TO) RESERVES	(1,087,683)	3,314,209	(1,179,918)	(92,236)	-8.5%
	0	0	0	0	0.0%



Valley Center Municipal Water District

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Budget Message



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VALLEY CENTER MUNICIPAL WATER DISTRICT

A Public Agency Organized July 12, 1954

Board of Directors
Robert A. Polito
President
Enrico P. Ferro
Vice President
Daniel E. Holtz
Director
Oliver J. Smith
Director
Cooper T. Ness
Director

June 19, 2023

Robert A. Polito, President
Members of the Board of Directors
Valley Center Municipal Water District
29300 Valley Center Road
Valley Center, CA 92082

We are pleased to present this report along with the proposed Fiscal Year 2023-2024 operations, maintenance, and capital budget. We look forward to your review and analysis toward ultimate adoption on June 19, 2023. This document provides detailed information about the Valley Center Municipal Water District's (District) revenue and expenditure forecast in the coming year and addresses the main points and decisions made in compiling the budget.

With the overview and guidance from the Board of Directors the District annually reviews its strategic plan and goals (see pages 1-21 thru 1-26). The results of the strategic planning process help to guide District staff in its efforts to accomplish the mission of the District. Strategic goals and objectives are considered during the budget development to provide the basis for prioritizing efforts, activities, financial resources, and personnel needs.

Challenges from past years continue into this fiscal year. Some of these challenges include the increasing cost of goods and supplies, the cost of imported water, and the local economic climate for agriculture. Future challenges that the District is facing include the implementation of the 2018 Water Conservation Legislation that established new Statewide Urban Water Use Objectives and Long Term Water Use Efficiency Standards. The new legislation establishes guidelines for efficient water use and a framework for the implementation and oversight of the new standards, which was adopted by the State in 2022 and the District must comply with by 2024. The standards include establishing residential indoor, residential outdoor, and commercial water use standards and requiring urban and agricultural water suppliers to set annual agency water budgets.

The District is responsible for providing water and wastewater services to its customers while closely managing costs and the funds with which our customers have entrusted us. The District's budget demonstrates fiscal responsibility even with reduced water sales, continued replacement of its aging infrastructure to avoid disruption in services, and continuous improvement in business processes to increase efficiencies.

THE DISTRICT

Valley Center Municipal Water District was founded on July 12, 1954, under the provisions of the California Municipal Water District Law of 1911 (California Water Code sections 71000 et seq.). The District provides water, wastewater, and water recycling services to its domestic, agricultural, and commercial customers in a service area which encompasses approximately 101 square miles, of which approximately 71% of the land use area receives water service. It includes the unincorporated area of Valley Center and unincorporated areas north of Escondido which are located in northern San Diego County.



Corporate Facility Located at 29300 Valley Center Road, Valley Center, CA.

COMMUNITY PROFILE

As of January 1, 2023, approximately 29,708 people lived within the District. For the last decade, Valley Center has been in transition from being predominately agricultural to a more balanced rural-suburban and agricultural setting. When once over 90% of the water delivered by the District went to commercial agricultural users, the mix is now 60% agricultural 40% domestic-commercial. The decline in agricultural use is due in part to regulatory restrictions, labor costs and shortages, market competition, and the rapid rise in the wholesale cost of water over the last ten years.

As a result, the District has seen a significant decrease in the volume of water deliveries to its customers. Water sales for the year ended June 30, 2022, totaled 16,207 acre feet. The current year ended June 30, 2023 sales estimate is 14,400 acre feet, among the lowest on record.

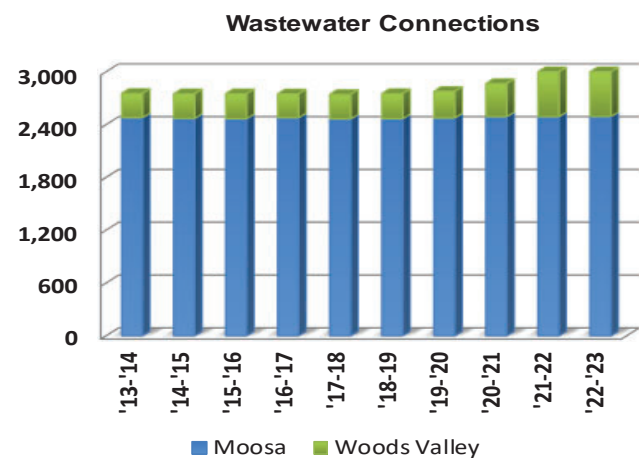
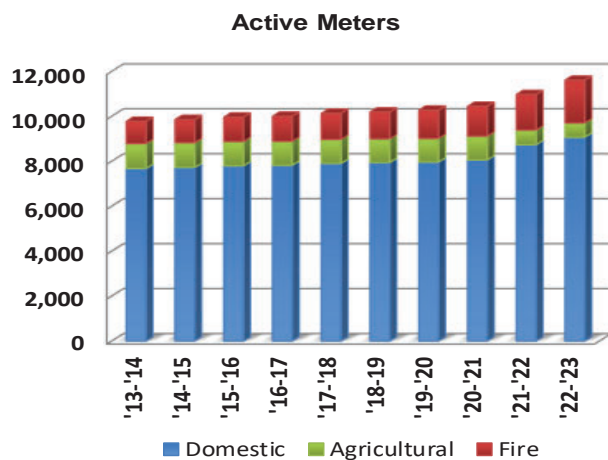
WATER SOURCES

The District relies on the San Diego County Water Authority (SDCWA or “Authority”) as its’ sole source provider for treated potable water. The Authority imports water through the Metropolitan Water District of Southern California (MWD) system and its own aqueduct, storage and treatment system. MWD obtains its water from two sources: the Colorado River Aqueduct and the State Water Project under a water supply contract with the Department of Water Resources. This water has become increasingly unreliable in recent years as deteriorating ecological conditions have led to regulatory restrictions on pumping water supplies from the Bay-Delta. The Bay-Delta is an inland river delta and estuary formed at the confluence of the Sacramento and San Joaquin Rivers east of San Francisco. It is a key water supply source for California. In addition, the Authority’s water supply portfolio includes supplies secured in 2003 from the Colorado River also delivered via the MWD system. These supplies include a water conservation and transfer agreement with the Imperial Irrigation District and water conserved by two projects, the All American Canal Lining Project and the Coachella Canal Lining Project. Additionally, the SDCWA added desalinated seawater to its water supply portfolio with the completion of the Carlsbad Desalination Plant in December 2015. This supply reduces the region’s dependence on water from the Colorado River and the Bay-Delta that is vulnerable to droughts, natural disasters and regulatory restrictions.



DISTRICT OPERATIONS

The District's water system includes 7 active aqueduct connections, 40 enclosed reservoirs and 1 open reservoir, Lake Turner, 29 pumping stations and 339 miles of water main. As of March 31, 2023, there were a total of 11,602 active meters of which 9,065 were domestic, 637 were agricultural, and 1,900 were fire meters (see historical graph below). The District also provides wastewater collection, treatment, water recycling, and disposal services for 3,387 customers through two wastewater treatment facilities, Lower Moosa and Woods Valley Ranch (see historical graph below). These two facilities serve separate and limited areas of the District. There are 47 miles of wastewater lines throughout the District.



BUDGET DOCUMENTS

The Budget consists of the following sections:

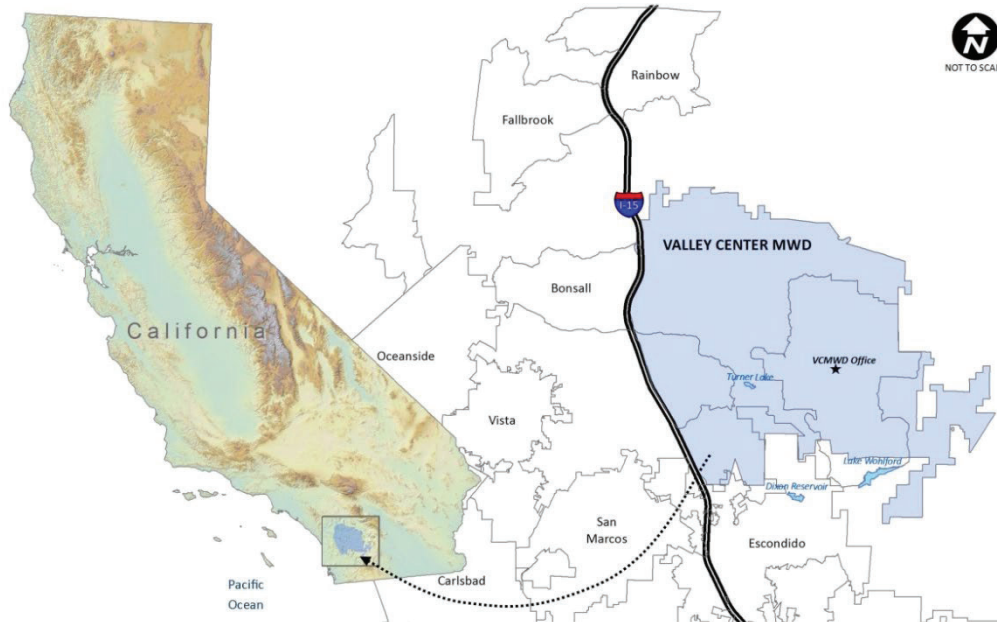
1. This Budget Message.
2. The Adopting Resolutions beginning on page 2-1.
3. A Recap of Budget and Source of Financing in Section 3. This includes a summary of all funds expenditures, revenues, and reserves; a revenue estimate for the General Fund; an Expenditures Recap for all funds; and a History of Water Purchased and Sold.
4. Detailed budgets for each department. Each consists of:
 - a. A description of the department and a summary of its accomplishments and goals.
 - b. A Department Summary of expenditures by division within the department.
 - c. A budget for each division by account number.
 - d. Detail and justification for each account within the division.

In addition, all funds other than the General Fund are preceded by a Recap of Budget and Source of Financing, Analysis of Cash Position, and Revenue Estimate. This information for the General Fund is included in Section 3.

5. An Appendix containing a Glossary and Budget Policies.



DISTRICT SERVICE AREA



BUDGET PROCESS

In keeping with past practice, the budget process begins with input from all levels of staff. As such, it presents a program we believe to be fiscally sound, prudent, and necessary for the continued efficient operation of the District during the coming year. Budget requests are refined by the Department Heads and approved by the General Manager. The proposed budget is then presented to the Board of Directors (Board) for review and ultimate approval.

Budget Calendar

January 2023	General Manager and Department Heads start discussion of the Budget process.
March 2023	Departments submit Budget requests.
May 1, 2023	Budget policies reviewed by Board of Directors.
May 1, 2023	Overview of Budget reviewed by Board of Directors.
June 19, 2023	Preliminary Budget review by Board of Directors.
June 19, 2023	Budget submitted to Board of Directors for possible adoption.

Budget Basis

The budget is prepared on an enterprise basis, as it is the intent of the District that the costs of providing water and wastewater service to the customers of the District are financed primarily through user charges. Revenues and expenses are recognized on the accrual basis in that they are recognized in the accounting period they are earned or incurred. The budget appropriates funds at the department level. Depreciation is not funded in the budget. Funds for the replacement of old pipelines are restricted at the end of each fiscal year as determined by the District's Administrative Code and are not provided in the budget process, as further discussed under "Capital Budget" on the following pages.



Administrative costs are charged in total to the water operating fund. A portion of these administrative overhead costs incurred by water operations are then allocated to the wastewater funds. This allocation is shown as an expense credit in the applicable water operations divisions.

Sixty-nine percent of the general fund budget, excluding capital projects and debt service interest, is for the purchase of water and the energy required for pumping water through our distribution system. These costs are presented as “Source of Supply”. Only thirty-one percent of the District’s costs are directly controlled by the District. These locally controlled costs are influenced by the number of customers we serve and by infrastructure maintenance and improvements. Locally controlled costs are mostly fixed costs as they are not affected by the volume of water sold.

Spending Limit

Ordinance 171, enacted in 1988 by a vote of the District’s residents, established a limitation on the expenditure of District funds for capital improvements. This limitation is adjusted annually on January 1 for the consumer price index. The limitation effective January 1, 2023, is \$2,953,788 per project except that for water storage projects the limitation is \$4,430,697. Expenditures in excess of these limitations must be ratified by a District-wide election. This limitation does not apply to funds expended by property owners, developers, or others for capital projects that will be dedicated to the District or to funds from assessment or improvement districts formed in the manner provided by the laws of the State of California.

Appropriation Limit

Article XIII B of the State Constitution limits increases in property tax revenues. This limit increases annually by a factor comprised of changes in population and per capita personal income or nonresidential construction. Each year the District adopts by resolution (in Section 2 of this budget) the limit calculated under this legislation. The impact of this legislation is felt by cities and those agencies that exist almost entirely on proceeds of taxes, unlike the District which relies almost entirely on user charges. Applicable property taxes received by the District are one-third of the limit established by Article XIII B.

Budget Control and Amendment

The General Manager is responsible for keeping expenditures within budget allocations approved by the Board of Directors for positions, salaries, operational expenses, and capital acquisitions, and may adopt budget procedures as necessary to carry out that responsibility. No expenditure of funds shall be authorized unless sufficient funds have been appropriated by the Board or General Manager as described in this budget.



District staff upgrading the Merry Ferry Bypass.



The General Manager may reallocate budget items to respond to changed circumstances, provided any single modification in excess of \$50,000 shall require approval by the Board.

The Department Heads may reallocate budget items, within their department, to respond to changed circumstances, provided that any single modification in excess of \$15,000 shall require approval by the General Manager.

The Board must authorize any increase in the overall budget and any increase in the number of authorized permanent personnel positions above the level identified in the final operating and capital budget. The General Manager may authorize the hiring of temporary or part-time staff as necessary, within the limits imposed by the available funds in the operating and capital budget.

In the event the General Manager determines that an emergency exists requiring immediate action, the General Manager shall have the power, without prior Board action, to enter into contracts and agreements and expend funds on behalf of the District, but not in excess of \$750,000. An emergency is defined in Administrative Code Section 225.2 as “a major disruption in the water distribution system that prevents the District from delivering water, or a situation where a lack of action would prevent the delivery of water to any customer.” Not later than 48 hours after determination of an emergency, the General Manager shall notify the President of the Board the reasons necessitating such determination and the actions taken.



Interior Paint and Recoat of the Weaver Reservoir.

BUDGET POLICIES

The Budget Policies contained in Administrative Code Section 50.2 have been followed in preparing this budget.

A. **Reserves** - Four categories of reserves have been established (further details are on page 3-2).

1. Rate Stabilization Reserves when established are utilized to level water rates and pumping rates during declining sales.
2. An Operating Reserve of \$7,449,527 has been established for emergencies and unforeseen circumstances. In an emergency, capital projects would be critically reviewed to release appropriated capital funds for other purposes.

The Operating Reserve combined with the Rate Stabilization Reserves together are considered to be discretionary reserves, unrestricted or uncommitted reserves not anticipated to be used in the current fiscal year. The District shall endeavor to maintain these discretionary reserves at a minimum three and a maximum six months operations and maintenance budget. The proposed budget meets this goal.



3. Restricted Reserves include the Replacement Reserves for Lower Moosa Canyon Water Reclamation Facility and Woods Valley Ranch Water Reclamation Facility.
 4. Capital Reserves provide funding for continuing projects, improvements funded from capacity charges, and future capital additions, including those as outlined in the Water Master Plan.
- B. **Fees and Charges** - Each water and wastewater system ultimately shall be self-sufficient. Administrative costs incurred by the District are allocated to each system in accordance with general practices and reimbursed to the general fund.
- C. **Debt** - Debt proceeds shall be used only for capital projects which cannot be funded while maintaining reserve goals. Long-term debt shall not be used to fund current operating costs. The Debt Policy can be found in Section 50.3 of the Administrative Code. No new debt issues are proposed in this budget.
- D. **One-time and Unpredictable Revenues** - One-time revenues are allocated to the source of the revenue or refunded expenditure and shall not be used to initiate new programs which result in ongoing expenditures. Revenues which cannot be predicted, such as capacity fees, property taxes, and interest, are forecast conservatively in the budget.
- E. **Balanced Budget** - Current operating expenditures are funded with current revenues and with rate stabilization reserves as noted above.
- F. **Revenue Diversification** - At least 60% of the District's fixed operating expenditures are to be met with the monthly meter service charge. For the Fiscal Year 2023-2024 60% of fixed costs are covered by these fixed charges.
- G. **Contingencies** - The General Manager has the authority to make certain expenditures from the operating reserve and take other actions necessary in case of a major disruption in the water distribution system.

OVERALL BUDGET FOR FISCAL YEAR 2023-2024

From an overall standpoint, the total proposed Fiscal Year 2023-24 Budget of \$59,516,239 is 5.3% higher than the total approved budget for Fiscal Year 2022-23 of \$56,541,569. The overall budget increase reflects the increased cost of water and power, also known as Source of Supply, as compared to the prior year.

It is projected that for the Water General Fund in Fiscal Year 2023-24 operating revenues will exceed projected operating expenses by \$346,146. Total water capital expenditures are estimated at \$4,707,750 and will require the use of Non-Operating Revenues.

It is also anticipated that Woods Valley Ranch WRF will have sufficient revenues to meet the anticipated costs for Fiscal Year 2023-2024. Moosa operating revenues will be sufficient to meet the anticipated operating expenditures. However, the new proposed capital appropriations will require additional funding generated from a new proposed Capital Improvement Charge as well as a short-term loan of \$1.1M from the General Fund. Budget details for the various water and wastewater operating funds are explained on the following pages of the Budget Message.



GENERAL FUND

For Fiscal Year 2023-24, the Water Fund operating revenue is proposed at \$48,640,950, which is an increase of 5.4% from the budget adopted for last year. This is due to increased water revenue, service charges, new connection sales, and investment income. It is projected that for the Water General Fund in Fiscal Year 2023-24 operating revenues will exceed projected operating expenses by \$346,146. The Water Fund operating expenditures budget is proposed at \$48,294,804, which is an increase of 4.9% from the budget adopted for last year. Changes in the major components of the budget are summarized as follows:

RECAP OF GENERAL FUND

	2022-23 Adopted Budget	Percent of Total	2023-24 Proposed Budget	Percent of Budget	Change	Percent of Change
OPERATING REVENUES						
Water Sales (Acre Feet)	16,500 AF		16,000 AF		(500) AF	-3.0%
Water (including Pumping)	\$ 36,389,000	78.9%	\$ 38,068,000	78.3%	\$ 1,679,000	4.6%
Service Charges	7,859,000	17.0%	8,209,000	16.9%	350,000	4.5%
New Connection Sales	418,050	0.9%	466,350	1.0%	48,300	11.6%
Other Revenue	1,038,900	2.3%	1,097,600	2.3%	58,700	5.7%
Investment Income	428,800	0.9%	800,000	1.6%	371,200	86.6%
Total Operating Revenue	<u>\$ 46,133,750</u>	<u>100.0%</u>	<u>\$ 48,640,950</u>	<u>100.0%</u>	<u>\$ 2,507,200</u>	<u>5.4%</u>
OPERATING EXPENDITURES:						
Water Purchase (Acre Feet)	17,550 AF		17,020 AF		(530) AF	-3.0%
Water	\$ 29,280,161	63.6%	\$ 30,648,749	63.5%	\$ 1,368,588	4.7%
Energy	2,023,000	4.4%	2,747,000	5.7%	724,000	35.8%
Regulatory Permits	119,850	0.3%	122,950	0.3%	3,100	2.6%
Controlled by Others	<u>31,423,011</u>	<u>68.3%</u>	<u>33,518,699</u>	<u>69.4%</u>	<u>2,095,688</u>	<u>6.7%</u>
Personnel	10,790,900	23.4%	10,790,900	22.3%	-	0.0%
Other	3,825,684	8.3%	3,985,205	8.3%	159,521	4.2%
Controlled by District*	<u>14,616,584</u>	<u>31.7%</u>	<u>14,776,105</u>	<u>30.6%</u>	<u>159,521</u>	<u>1.1%</u>
TOTAL Operating Expenditures	<u>\$ 46,039,595</u>	<u>100.0%</u>	<u>\$ 48,294,804</u>	<u>100.0%</u>	<u>\$ 2,255,209</u>	<u>4.9%</u>
NET Revenues and Expenditures	<u>\$ 94,155</u>		<u>\$ 346,146</u>		<u>\$ 251,991</u>	

* COSTS CONTROLLED BY DISTRICT

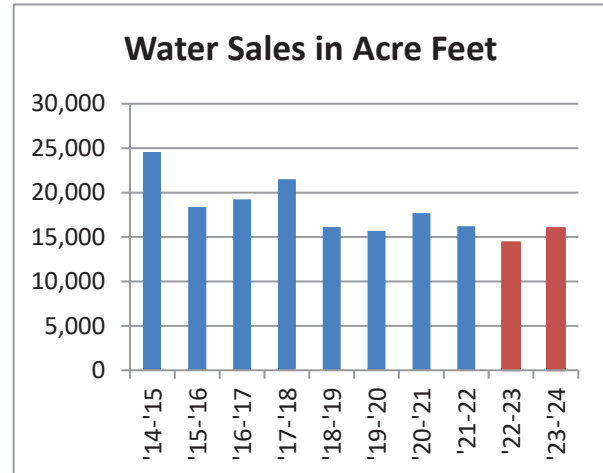
General Administration	\$ 926,420	6.3%	\$ 956,562	6.5%	\$ 30,142	3.3%
Information Technology	1,002,679	6.9%	1,069,927	7.2%	67,248	6.7%
Finance	2,712,161	18.6%	2,610,640	17.7%	(101,521)	-3.7%
Engineering	2,055,044	14.1%	2,215,932	15.0%	160,888	7.8%
Operations & Facilities	<u>7,920,280</u>	<u>54.2%</u>	<u>7,923,044</u>	<u>53.6%</u>	<u>2,764</u>	<u>0.0%</u>
Total Controlled by District	<u>\$ 14,616,584</u>	<u>100.0%</u>	<u>\$ 14,776,105</u>	<u>100.0%</u>	<u>\$ 159,521</u>	<u>1.1%</u>



REVENUE ESTIMATES

Water Sales and Rate Increase

Water sales for the past ten years have ranged from a high of 24,511 acre feet in Fiscal Year 2014-15, to a low of an estimated 14,400 acre feet in Fiscal Year 2022-23. This is a decrease of 41%, or 10,111 acre feet from the 10-year high. This reduced water sales volume is due to the gradual decline in agricultural land in production. Agricultural sales are estimated at 60% of the total volume of water sold for Fiscal Year 2023-24. The prior year budget estimated agricultural sales accounted for 62% of the volume.



The San Diego County Water Authority (SDCWA) has not yet formally adopted wholesale rates but staff has been provided with information regarding the most recent SDCWA estimates for the 2024 water rates. Those estimates were used during the preparation of the proposed budget. All rate changes from MWD and SDCWA are subject to change at any time and are passed through to District customers in accordance with Administrative Code Section 160.3(g), including any rate changes not yet known.

The proposed wholesale water rate information obtained from the SDCWA indicates that their rates are to increase by 10.1% for treated water and 8.6% for certified agricultural over the current adopted rates (refer to table on next page). Final rate recommendations will be based on wholesale rates actually adopted by the SDCWA. The SDCWA includes a melded rate supply cost for additional water supplies such as that received from the Imperial Irrigation District. The melded rate supply cost, not firm at this time, is projected to be \$316 in January 2024.

The budget, as presented, proposes an increase of 1.8% to the District's local share of the water rate on February 1, 2024. The current local rate of \$273.64 will increase to \$278.57 per acre foot. This increase is necessary to cover a portion of the locally controlled fixed costs. While the local rate is to be held as low as possible, the strategic plan (see page 1-22) has set a goal that it represent no more than 15% of the total water commodity cost for Municipal and Industrial (M&I) and no more than 18% for the Permanent Special Agricultural Water Rate (PSAWR). Based on the proposed February 1, 2024, rate change, the District's share of the water rate will be 10.3% for M&I and 13.8% for PSAWR.

Also included in the water charges the District is required to pay SDCWA and MWD in 2024 are fixed charges for capacity, ready-to-serve, customer service, emergency storage, and supply reliability. The District calculates the per-acre-foot equivalent of these charges by dividing the total charges by projected water sales, less an 10% reserve for sales levels under budgeted amounts. For the fiscal year ending 2024 budgeted sales are 16,000 acre feet and the fixed charges totaling \$4,223,005 are allocated over 14,400 acre feet. Total fixed charges for 2024 are \$6,122, or 0.14%, lower than the estimated actual in Fiscal Year 2022-23.



San Diego County Water Authority Permanent Special Agricultural Water Rate

The San Diego County Water Authority approved the Special Agricultural Water Rate as a permanent program effective January 1, 2021. Calendar Year 2021 marked significant changes to the eligibility requirements for PSAWR customers. At December 31, 2020 the District had a total of 1,038 agricultural customers, compared to 637 Certified Agricultural customers under the new program at March 31, 2023.

An incremental melded supply rate cost of \$316, the emergency storage charge of \$212, and the supply reliability charge of \$148 that are added to the water supply charge by the SDCWA are not charged to agricultural customers. The total credit amounts to \$676 per acre foot of savings for the District's agricultural customers for the 2024 rates. The credit is \$83 higher than last year's credit of \$593 due mostly to the increased savings that agricultural customers realize when they pay the MWD Supply Rate instead of the SDCWA Melded Supply Rate.

Proposed Water Rates

The following table shows the current and estimated rates that were used in preparing the Budget. Actual rates adopted for February 1, 2024, may be different. Final rate recommendation will be based on wholesale rates actually adopted by the SDCWA.

Component	Domestic Rate (per AF)				PSAWR Rate (per AF)			
	Current	Proposed	Increase		Current	Proposed	Increase	
Imported Water Costs	\$ 2,198.65	\$ 2,420.72	\$222.07	10.1%	\$1,605.88	\$1,744.49	\$138.61	8.6%
VCMWD	273.64	278.57	\$ 4.93	1.8%	273.64	278.57	\$ 4.93	1.8%
Total	\$ 2,472.29	\$ 2,699.29	\$227.00	9.2%	\$1,879.52	\$2,023.06	\$143.54	7.6%
Proposed Increase \$ 227.00 per AF					\$ 143.54 per AF			
9.2%					7.6%			
\$ 0.5211 per hcf					\$ 0.3295 per hcf			

A new Proposition 218 hearing will be required to adopt the proposed increases above.

Monthly Water Service Charge Revenue

Water Service Charges for Fiscal Year 2023-24 are estimated at \$8,209,000 which is \$350,000 higher than the Fiscal Year 2023-24 budget of \$7,859,000. The preliminary budget includes a service charge increase of 1.8%. The proposed monthly service charge for a ¾-inch meter is \$48.31 up \$0.85 from \$47.46; for a 1-inch meter the proposed service charge is \$66.00, up \$1.16 from \$64.84.



Pumping Charge Revenue

Pumping charge revenue for Fiscal Year 2023-24 is expected to be \$3,105,000 compared to \$2,694,000 budgeted in Fiscal Year 2022-23. The increase is due to a 17.3% increase to the pumping rates required to offset the costs passed through from San Diego Gas & Electric as well as the costs for the maintenance of pumps and motors.

Interest Income

For Fiscal Year 2023-24, the District projects to earn 2.56% on funds invested for the year for a return of approximately \$800,000 in interest earnings. This is the equivalent of \$50.00 per acre foot of budgeted water sales. Estimated actual interest income for 2023-24 is \$663,000. The increase of \$137,000 is due to the multiple increases to the Federal Funds Rate that occurred during Fiscal Year 2022-23. The Federal Reserve remains highly attentive to inflation risks and seeks to achieve maximum employment and inflation at the rate of 2 percent over the long run. The effects of the monetary policy of raising the federal funds rate is still uncertain.

Property Taxes

Secured property taxes are budgeted at \$3,151,000 for Fiscal Year 2023-24, \$62,000 or 2% higher than the estimated actual for the current year. The District will receive an estimated \$573,000 in water availability charges. These revenues are utilized for water system improvements and replacements.

EXPENDITURE ESTIMATES

Water

The District is budgeting to purchase 17,020 acre feet of water in Fiscal Year 2023-24 and to sell 16,000 acre feet. District staff believes that the estimates for Fiscal Year 2023-24 are reasonable given the uncertain agricultural environment.

Energy

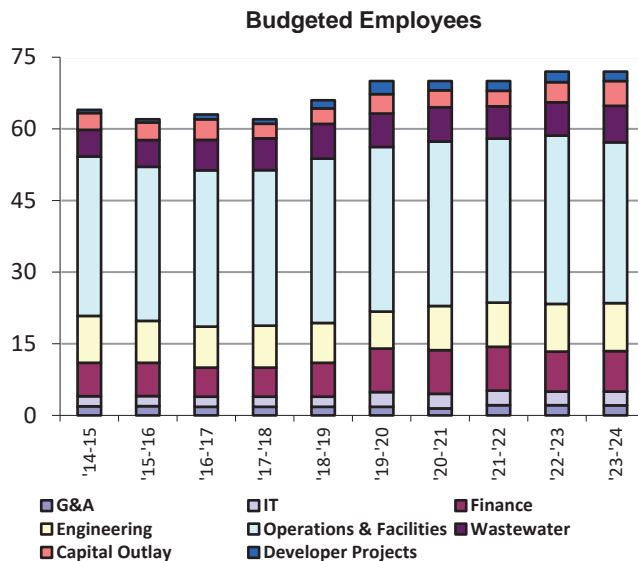
The budget expects that expenditures for energy to pump water to our customers will increase compared to our current year estimated actual. Total energy costs, including electricity and natural gas, pump and motor maintenance are budgeted at \$3,745,800 up \$424,869 or 12.8% from the Fiscal Year 2022-2023 estimated actual of \$3,320,931. The rest of the increase is due to the increases in the SDG&E rate tariffs, which are subject to time-of-use charges and increases for the maintenance of pumps and motors. These increases are reduced by operational efficiencies and reducing the amount of pumping during off-peak rate periods as well as the solar photo-voltaic facilities that the District has constructed. Energy supplies and costs will continue to be a concern moving forward.



Personnel

Staffing Levels

Staffing necessary to maintain operating, maintenance and administrative service levels for Fiscal Year 2023-24 is proposed at 72 full-time equivalent (FTE's) positions; that is the same as was authorized in the Fiscal Year 2022-23 Budget. There are two employees that will be retiring in the coming year. The District's Senior Construction Maintenance Technician will be retiring in December 2022; and the District Engineer will be retiring in March 2024. Overlap for training purposes is included in the Fiscal Year 2023-24 Budget. Management staff will endeavor to fill any open positions with internal transfers.



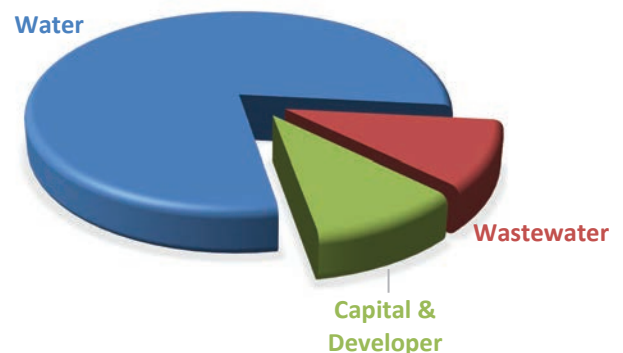
Budgeted Full-Time Equivalent Positions by Department

	<u>2022-23</u>	<u>2023-24</u>
General Administration	2.15	2.10
Information Technology	2.85	2.90
Finance	8.35	8.45
Engineering	10.00	10.05
Operations & Facilities	<u>35.25</u>	<u>33.70</u>
Total General Fund	58.60	57.20
Lower Moosa Sewer Treatment	4.07	3.88
Woods Valley Ranch Sewer	<u>2.88</u>	<u>3.74</u>
Total Operating	65.55	64.82
Capital Outlay	4.24	5.21
Developer Projects	<u>2.21</u>	<u>1.97</u>
TOTAL	<u>72.00</u>	<u>72.00</u>

Personnel Costs

General Fund personnel costs (excluding capital allocations) for Fiscal Year 2023-24 are estimated at \$10,944,100. This represents an increase of \$153,200 or 1.4% from the Fiscal Year 2022-23 budget of \$10,790,900. The increase is due to a 4.5% cost of living (COLA) adjustment, promotions, and within range merit increases of 2.5%. Those increases are offset by decreases as a result of larger labor allocations to wastewater and capital in Fiscal Year 2023-24 as compared to the prior year.

ALLOCATION OF LABOR





Other Expenditures

Controlling the cost of operating the District continues to be an ongoing focus. Costs controlled by the District of \$14,776,105 for 2023-24 are \$159,521 or 1.1%, higher than Fiscal Year 2022-23, including personnel costs discussed above. Each department continues to evaluate all aspects of their respective operations, establish goals for the budget year, and determine a budget which would allow them to meet those goals as efficiently as possible.

WATER (GENERAL FUND) CAPITAL BUDGET

The Capital Outlay Budget for Fiscal Year 2023-24 continues to include only those major projects that are essential.

New or expanded facilities are funded by capacity fees collected by the District when new meter services are purchased and from interest earned on existing reserves. Capacity fees are set to fund system improvements identified in the Master Plan to support additional service connections. Replacement facilities are normally financed from standby fees and capital reserves on a pay-as-you-go cash basis instead of debt financing. This reserve is funded annually by a combination of excess operating and non-operating revenues that include property tax revenue and water availability charges.

The District has not, and does not in this budget document attempt to annually fund the water replacement reserves with an amount equivalent to the value of facilities “retired” as a result of the depreciation schedule.

Capital projects included in this budget consist of the following:

Pipelines and Pressure Reducing Valves	\$	618,500
Reservoirs		3,451,500
Data Management Systems		46,000
Facilities		75,000
Equipment Replacement		516,750
TOTAL New Appropriations	\$	4,707,750
Project appropriations carried forward from prior budget		6,437,953
TOTAL Capital Budget	\$	<u>11,145,703</u>



District staff working on the Weaver Reservoir inlet outlet upgrade.



Before and after of the Reidy Canyon No. 1 Reservoir exterior Paint and Recoat.

Funding for the water capital projects comes from:

Pending SRF Loan Proceeds	\$ 3,446,970
Property Taxes	3,259,623
Water Availability/Meter Capacity Charges	528,127
Continuing Projects Reserve	<u>3,910,983</u>
TOTAL Capital Budget	<u>\$ 11,145,703</u>

Facilities which are identified and budgeted annually for replacement are not determined solely by the depreciation schedule, but are identified through a process which assesses a combination of factors, including age, condition (frequency of repairs), and the critical nature of the facility (for example, main transmission pipeline versus local distribution line). In addition, existing pipeline facilities are replaced when County of San Diego road improvements force relocation or private development projects provide the opportunity to replace an existing facility.

To date, this method of identifying facilities for replacement and pay-as-you-go financing of these types of projects has met the needs of the District without creating rate impacts or spikes.

Capital projects have been historically funded with revenues collected from general property tax, water availability charges, and capacity charges. Other sources include the use of Capital Improvement Reserve funds, debt financing, grants, and joint agency endeavors.



MOOSA WASTEWATER TREATMENT FUND

The Moosa Wastewater Treatment Plant serves approximately 2,492 customers in a limited geographic area on the west side of the District. For Fiscal Year 2023-24, budgeted operating revenues of \$2,117,530 are up \$239,670, or 12.8%, from the previous year budget. This is a result of the new proposed fixed Capital Improvement Charge discussed below. The major components of the budgeted operating expenses are summarized as follows:

RECAP OF MOOSA WASTEWATER TREATMENT BUDGET

	2022-23		2023-24		Change	Percent Change
	Adopted Budget	Percent	Proposed Budget	Percent		
Revenues	\$ 1,877,860	100.0%	\$ 2,117,530	100.0%	\$ 239,670	12.8%
Operating Expenses:						
Labor	\$ 806,100	42.9%	\$ 727,500	34.4%	\$ (78,600)	-9.8%
Electricity	106,800	5.7%	106,000	5.0%	(800)	-0.7%
Chemicals	30,000	1.6%	34,000	1.6%	4,000	13.3%
Administrative allocation	263,016	14.0%	243,949	11.5%	(19,067)	-7.2%
Maintenance	77,000	4.1%	80,000	3.8%	3,000	3.9%
Vehicle Maintenance	4,000	0.2%	4,000	0.2%	-	0.0%
Regulatory	38,000	2.0%	41,000	1.9%	3,000	7.9%
Outside Services	108,900	5.8%	115,100	5.4%	6,200	5.7%
Insurance	18,474	1.0%	19,100	0.9%	626	3.4%
Other	25,200	1.3%	23,700	1.1%	(1,500)	-6.0%
Total Operating Expenses	\$ 1,477,490	78.7%	\$ 1,394,349	65.8%	\$ (83,141)	-5.6%
Net Operating Income	400,370	21.3%	723,181	34.2%	(322,811)	-80.6%
Capital Projects	(271,795)		(1,469,500)		1,197,705	
Net Change	\$ 128,575		\$ (746,319)		\$ 874,894	

Staff is projecting that the Moosa operating revenues will exceed the projected operating expenses for a budget surplus of \$723,181.

The current wastewater service charge is \$61.72 and the low-pressure wastewater collection system maintenance fee is \$50.93. No changes are proposed to those rates.

In order to meet the capital improvement requirements outlined in the Moosa Master Plan, a short-term loan from the General Fund totaling \$1.1M as well as new fixed Capital Improvement Charge are required. The new charge is included in the budget and is proposed at \$12 per month to go into effect on February 1, 2024.



District staff using the handheld remote system at the Lower Moosa Canyon Wastewater Facility resulting from the recently completed SCADA upgrades and HMI Migration programming project.



WOODS VALLEY RANCH WASTEWATER TREATMENT FUND

This Budget includes funds for the operation of the Woods Valley Ranch Wastewater Treatment Facility (WRF) which was recently expanded to treat 275,000 gallons per day. Once the water is treated it is used for irrigating the Native Oaks Golf Course, yielding the District approximately 110 acre feet of reclaimed water sales. Included in the budget is funding for both a replacement reserve and operating expenses. Revenues for the Woods Valley Ranch Wastewater budget are collected by a fixed charge special assessment on the development. A summary of the budget follows:

RECAP OF WOODS VALLEY RANCH WASTEWATER TREATMENT BUDGET

	2022-23		2023-24		Change	Percent Change
	Adopted Budget	Percent	Proposed Budget	Percent		
Revenues	\$ 1,433,054	100.0%	\$ 1,739,695	100.0%	\$ 306,641	21.4%
Operating Expenses:						
Labor	\$ 542,100	37.8%	\$ 632,400	36.4%	\$ 90,300	16.7%
Electricity	68,500	4.8%	80,000	4.6%	11,500	16.8%
Chemicals	21,500	1.5%	32,500	1.9%	11,000	51.2%
Administrative allocation	167,067	11.7%	195,207	11.2%	28,140	16.8%
Maintenance	28,000	2.0%	38,500	2.2%	10,500	37.5%
Vehicle Maintenance	1,700	0.1%	1,700	0.1%	-	0.0%
Regulatory	28,500	2.0%	31,500	1.8%	3,000	10.5%
Outside Services	52,200	3.6%	72,500	4.2%	20,300	38.9%
Insurance	17,976	1.3%	19,100	1.1%	1,124	6.3%
Other	10,950	0.8%	12,350	0.7%	1,400	12.8%
Total Operating Expenses	\$ 938,493	65.5%	\$ 1,115,757	64.1%	\$ 177,264	18.9%
Net Operating Income	494,561	34.5%	623,938	35.9%	129,377	26.2%
Capital Projects	(122,795)		(824,300)		(701,505)	
Net Change	\$ 371,766		\$ (200,362)		\$ (572,128)	

The increase of \$306,641 or 21.4% in Revenues is due to the increased number of connected services.

The monthly sewer service charge is \$98.60 per equivalent dwelling unit (EDU) and is collected by an annual assessment on the property tax roll. It remains unchanged for Fiscal Year 2023-24.



Woods Valley Ranch WRF recycled water on the Native Oaks Golf Club.



WOODS VALLEY RANCH EXPANSION FUND

This fund consists of multiple projects for the planning, design and construction of various components of the Woods Valley Ranch Wastewater Expansion Project ("Expansion Project"). Funding for the Expansion Project was provided by various property owners in the service area through the formation of an assessment district and from a funding commitment from the State for three Clean Water State Revolving Fund (SRF) Loans and two Limited Obligation Improvement Bonds issued by the assessment district (See Debt following next for more detail).

The current service area has an ultimate wastewater demand of 525,000 gallons per day which includes providing wastewater service to both the South and North Village areas. The various components of the Expansion Project consisted of constructing a low-pressure wastewater collection system, forcemain and lift station in the South Village Area, a seasonal storage facility on Charlan Road, the expansion of the WVRWRF, and a low-pressure wastewater collection system, forcemain and lift station in the North Village Area.

The planning and design work for the Expansion Project began in Fiscal Year 2013-14. Construction of the facilities, with the exception of the lift stations, began in Fiscal Year 2015-16 and the work funded by the SRF Loans was completed during July 2017. For Fiscal Year 2022-23, the total annual assessments for Assessment District 2012-1 are budgeted at \$1,385,000.

On May 18, 2020 the Board of Directors approved the formation of a Community Facilities District (CFD) that encompasses the subdivisions, deemed it necessary to incur bonded indebtedness, and authorized submittal of a special tax levy. Touchstone Communities has provided financial securities for the design and construction of the Orchard Run Lift Station and the Phase 3A Expansion project as described in the approved Master Plan Update to meet the wastewater treatment needs of the Park Circle East/West Subdivisions in accordance with CFD Financing Agreement. On May 17, 2021 the Board of Directors authorized staff to proceed with initial work for the issuance of special tax bonds needed for the timely construction of Orchard Run Lift Station. The total special tax to be collected in Fiscal Year 2023-24 is budgeted at \$871,400.



Construction of the Orchard Run Lift Station.



View of Park Circle Development, Woods Valley Ranch WRF, and surrounding area.

DEBT

The District currently has three separate Clean Water State Revolving Fund (SRF) Loans; one each for the Woods Valley Ranch Expansion Project (Expansion Project) Collection System, Treatment Facilities, and Seasonal Storage Improvements. The total amount of the three loans is \$24,772,974 at 2.20% annual interest. Repayment of this debt began in August 2017 for the Collection System, October 2017 for the Seasonal Storage, and December 2017 for the Treatment Plant. There are three separate debt schedules, one for each component (see pages 12-7A, 12-7B and 12-7C under the Woods Valley Expansion tab for detailed schedules). Debt service payments amount to \$1,542,388 for Fiscal Year 2023-24. The total outstanding balance of all three loans at end of Fiscal Year 2023-24 is expected to be \$17,271,569.

In addition, a California Drinking Water State Revolving Fund loan for the Cool Valley Reservoir Cover/Liner replacement was obtained by the District. The amount of the loan is \$3,715,572 at 1.6% interest (see page 6-10A under the Finance tab for a detailed schedule). Repayment of this debt began in July 2017. The Debt Service payment for Fiscal Year 2023-24 totals \$220,421. The total outstanding balance at the end of Fiscal Year 2023-24 is expected to be \$2,577,836.

Assessment District 2012-1 (AD 2012-1) issued Limited Obligation Improvement Bonds, the first in July 2018, and the second April 2022 under the Improvement Act of 1915 to fund the fourth Expansion Project component, the North Village Collection System, in the amount of \$4,035,000 and \$700,000, respectively, with an annual interest rate of 2.2%. These bonds are not an obligation of the District but are secured by annual assessments that are billed to and collected from property owners within the assessment district and are not presented in this report.



STRATEGIC PLAN

On June 4, 2018, the Board of Directors approved the updated *Valley Center Municipal Water District Strategic Plan for Fiscal Years 2018-2019, 2019-2020, 2020-2021, 2021-2022, and 2022-2023*. This plan sets forth the District's organizational values, a set of standards to measure organizational performance, and specific goals and tasks to be accomplished. As adopted by the Board of Directors, the Strategic Plan serves as the core policy framework by which the District has established its values, performance standards, and improvement goals for critical aspects of its operations, such as Water Supply, Seawater Desalination, Local Water Resources, Water Recycling, Infrastructure, Finance, Technology, Energy, and Compensation and Benefits. All expenditures appearing in this document, whether routine and ongoing, programmatic, or project oriented, are based upon or justified by some aspect of the Board adopted Strategic Plan.

Below are the **Mission Statement, Organizational Values, Performance Measurements**, and **Strategic Plan Goals** contained in the current Strategic Plan. Performance Measurements reflect the Performance Measurement outcomes for Calendar Year 2022.

Within the various Department narratives appearing throughout the budget are reports on progress made over the past fiscal year toward accomplishing the various goals appurtenant to the specific department as well as the projects and programs proposed in the upcoming budget year.

MISSION STATEMENT

“Our mission is to ensure customer satisfaction through quality service at the lowest possible cost.”

ORGANIZATIONAL VALUES

Customer Satisfaction

- Quality Service
- Safe Water
- Reliability
- Friendly
- Trustworthy
- Courteous
- Effective Communication

Professionalism

- Ethics
- Integrity
- Leadership
- Teamwork
- Accountability
- Transparency
- Respectful
- Excellence Through Continuous Improvement

Efficient Use of Resources

- Conservation
- Environmental Sensitivity
- Cost Control
- Resource Stewardship
- Financial Stability



STRATEGIC PLAN PERFORMANCE MEASUREMENT STANDARDS

1. CUSTOMER SATISFACTION – Our standard will be that our service “meets” or “exceeds expectations” 95% of the time, based upon the “Customer Comment Card” responses.

Survey responses show the District met or exceeded the standard 100.0% of the time.

2. WATER LOSS – Report annually for the past 10 years of unknown water loss in terms of percent of water sold, acre feet, and value of water loss, as well as efforts to minimize and reduce unknown water loss wherever possible.

Unaccounted water loss for 2022 totaled 786.3 acre feet, 4.6% of total water sold, representing \$1,074,913.

3. DISCRETIONARY RESERVES – Unrestricted or uncommitted reserves not anticipated to be used in the current fiscal year equal to a minimum three and a maximum six months’ operations and maintenance expenses (excluding wholesale water and power purchases).

Discretionary Reserves as of December 31, 2022 represent 6 months of operating and maintenance expenses.

4. RETURN ON INVESTMENTS – While seeking to preserve capital and maintain a level of liquidity necessary to meet cash flow requirements, our rate of return, on an annualized basis, shall be at least equal to the average rate of return on one year U.S. Treasury Bonds

The weighted average return on all investments for Calendar Year 2022 was 1.344% as compared to the 12-month rolling average U.S. Treasury Bonds of 2.787%.

5. LOCAL COMMODITY RATE for LOCAL OPERATING and MAINTENANCE COSTS – We will hold the local share of total commodity costs as low as possible, but at no time will the local rate be more than 15% of total water commodity cost for Municipal & Industrial and 18% for Certified Agricultural.

The District’s component of the water rate for operating costs is currently 11.0% of Municipal & Industrial and 14.6% of Certified Agricultural.

6. PUMP EFFICIENCY – Through ongoing testing, adjusting, and maintenance, we will maintain pump efficiency above 95% of the design criteria.

Pump efficiency was 105.7% of design criteria.

7. SOLAR ENERGY PRODUCTION – District owned and operated solar arrays shall be maintained at 90% of scheduled production which reflects array location and anticipated production loss due to panel age.

The six District-owned solar arrays, with a total capacity of 331.5kWdc, exceeded 90% of the low range of anticipated production.



STRATEGIC PLAN PERFORMANCE MEASUREMENT STANDARDS (continued)

8. PROJECT ACTUAL COST – $\pm 10\%$ of Engineer's cost estimate.

Three projects were completed in Calendar Year 2022 at 9.8% over the Engineer's estimate.

9. CAPITAL IMPROVEMENT PROJECTS –
Project timelines shall be under contract within 12 months of budget approval.

Of the eighteen Engineering Department projects with approved funding, all but two were under contract within 12 months.

10. WATER SERVICE RELIABILITY GREATER THAN 99% – Strive to maintain water service to all customers at greater than a 99% reliability level. This will be measured based upon total hours of service interruption against all service hours in a given measurement period.

For calendar year 2022 service reliability was 99.999%.

11. LOST-TIME ACCIDENTS LESS THAN 1% OF TOTAL HOURS WORKED.

The District had two recordable accidents with zero lost-time in Calendar Year 2022.

12. COMPLIANCE WITH ALL STATE & FEDERAL REGULATIONS.

100%.

STRATEGIC PLAN GOALS – 2018-2019 to 2022-2023

I. Water Supply

Support water development policies at the federal, state, regional and local level which sustain and enhance VCMWD's overall water supply availability and reliability.

Specific Implementation Goals:

1. Water Stewardship – Support regional efforts and implement local programs which advocate, educate, and assist customers in the responsible use of water resources – **Ongoing Effort.**

2. Imported Water Sources – Support and assist in statewide efforts to secure and protect our regions' Imported Water Supplies by securing:

- *An enhanced State Water Project conveyance system to move water through the Sacramento-San Joaquin Delta – **Ongoing Effort;***



- *Approval of Proposition 1 funded major in-state surface storage facilities – **Ongoing Effort**; and*
 - *California's water rights on the Colorado River so as to ensure ample and reliable supplies for all uses, including agricultural – **Ongoing Effort**.*
- 3. Water Recycling** – Pursue and maximize the opportunities for continued development of wastewater recycling to offset VCMWD's imported water demand – **Ongoing Effort**.

II. Infrastructure

Pursue the master planning for publicly and privately financed water and wastewater infrastructure to reliably meet long-term community development needs based on the County approved General Plan. Pursue federal and state funding sources to support the ongoing and orderly replacement of existing water and wastewater infrastructure.

Specific Implementation Goals:

- 1. Water System Master Plan** – Complete the update of the 2002 Water Master Plan by end of Fiscal Year 2018-2019 – **Completed**.
- 2. Integrated Resource Master Plan** – Incorporate the Water Master Plan into an Integrated Resources Master Plan which addresses water, wastewater, water recycling infrastructure needs, as well as the long range capital needs by the end of Fiscal Year 2018-2019 – **Ongoing Effort**.

III. Finance

Support financial policies at the federal, state, regional, sub-regional, and local levels which the affordability of water and wastewater services to help sustain the rural and agricultural character of VCMWD's service area:

- 1. Operational Cost Control** – Pursue policies, programs, alternative service sourcing and technology implementation, which reduce and control local operational costs wherever possible without negatively impacting the operational effectiveness, safety and service levels to our customers – **Ongoing Effort**.
- 2. MWD and SDCWA Wholesale Pricing** – Advocate for cost and rate control at the wholesale level and seek to maintain appropriate pricing and support programs for agriculture within the MWD and SDCWA service areas by securing:
 - *Pricing considerations from MWD to mitigate the rate impacts of WaterFix on commercial agricultural customers – **Ongoing Effort**.*



- *Extension of the SDCWA Transitional Special Agricultural Water Rate (TSAWR) which expires at the end of CY 2020 – **TSAWR made permanent in 2020.***
- 3. Local Property Tax and Reserves** – Protect local property taxes and VCMWD reserves from appropriation by the State or County Government – **Ongoing Effort.**
- 4. Cost of Service Study** – Complete a cost of service study to support the next Proposition 218 cycle in 2019 for water rates and charges – **Completed.**
- 5. Long-Range Financial Plan** – Incorporating the results of the Integrated Resource Plan and the Cost of Service analysis, complete a Long-Range Financial Plan by the end of 2019-2020 – **Completed.**

IV. Technology

Evaluate and incorporate new technologies which increase organizational efficiency, reduce costs, and wherever possible, enhance customer satisfaction.

Specific Implementation Goals:

- 1. GIS** – Continue expansion, enhancement, and utility – **Ongoing Effort.**
- 2. SCADA** – Continue toward full implementation in the water and wastewater systems, including:
 - *Upgrade the Lower Moosa Canyon Wastewater Reclamation Facility SCADA to the Ignition Software by the end of FY 2018-2019 – **Completed;***
 - *Extension of SCADA to other water facilities, such as selected Reservoir Altitude Valves, Pump Station By-pass Valves, and Natural Gas Motors by the end of FY 2020-2021 – **In Process;***
 - *Upgrade all water facilities SCADA to Ignition Software by 2022-23 – **In Process.***
- 3. Automatic Meter Reading and Information Technology** – Pursue implementation of advanced automated meter reading and information technologies and integration of automated meter reading and monitoring capabilities through the SCADA radio network, by:
 - *Segmented installation of selected AMI technology beginning by the end of CY 2018 in the North and South Villages, other large developments and other appropriate portions of the District Service Area – **Completed;** and*
 - *Full conversion of the District to AMI by the end of FY 2022-23 – **In Process.***



4. Data Management/Asset Management Software System – Complete implementation and full integration of an:

- *Electronic Data Management/Asset Management Software by the end of FY 2018-2019 – 80% Completed; and*
- *Electronic Data Deployment Capabilities by end of FY 2020-21 – Completed.*

5. E-Business – Expand and enhance on-line customer account access and bill paying having the On-Line Direct Bill Pay as the primary option for establishing new customer service with the ability to request paper billing as a secondary option – **WaterSmart Online Portal live.**

V. Energy

Enhance efficient use of energy and pursue as appropriate the development of renewable and alternative energy resources.

1. Efficiency – Maximize the operating efficiency of pumps, pump motors, motorized equipment, VCMWD's service fleet practices, procedures, as well as implement more energy efficient methods and technologies of wastewater and bio-solids processing and disposal – **Ongoing Effort.**

2. Renewable and Alternative Energy Resource – When economically feasible expand renewable energy resources, such as solar power, within VCMWD's operations and facilities, based on completion of the:

- *Comprehensive Energy Program Analysis and Strategic Plan Project by the end of CY 2018 – Completed; Lower Moosa Canyon WRF Solar added 2023.*

3. Utility Rates and Charges – Monitor and when appropriate participate in regional energy utility rate making activity and advocate rate tariffs which are fair and equitable to VCMWD – **Ongoing Effort.**

VI. Compensation and Benefits

Provide competitive but responsible and sustainable employee compensation and benefit programs to attract and retain committed and outstanding personnel – **Ongoing Effort.**



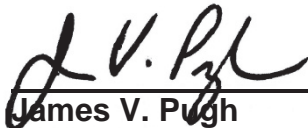
RECOMMENDATIONS

Recommendations to implement the Fiscal Year 2023-24 budget are summarized for your action as follows:

- Adopt the budget as presented (or modified by your Board) for implementation June 19, 2023.
- In accordance with Administrative Code Section 160.3(g), implement rate changes from the Metropolitan Water District and the County Water Authority when incurred.

Implementation of the above recommendations will be by resolution or ordinance as appropriate.

PREPARED BY:

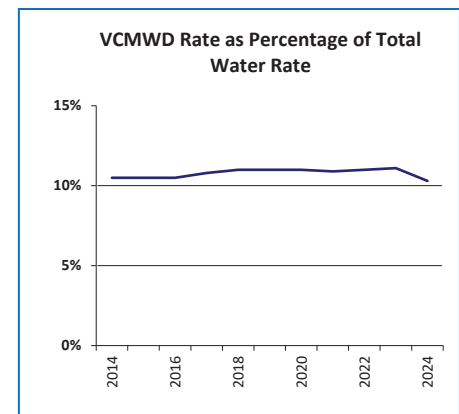
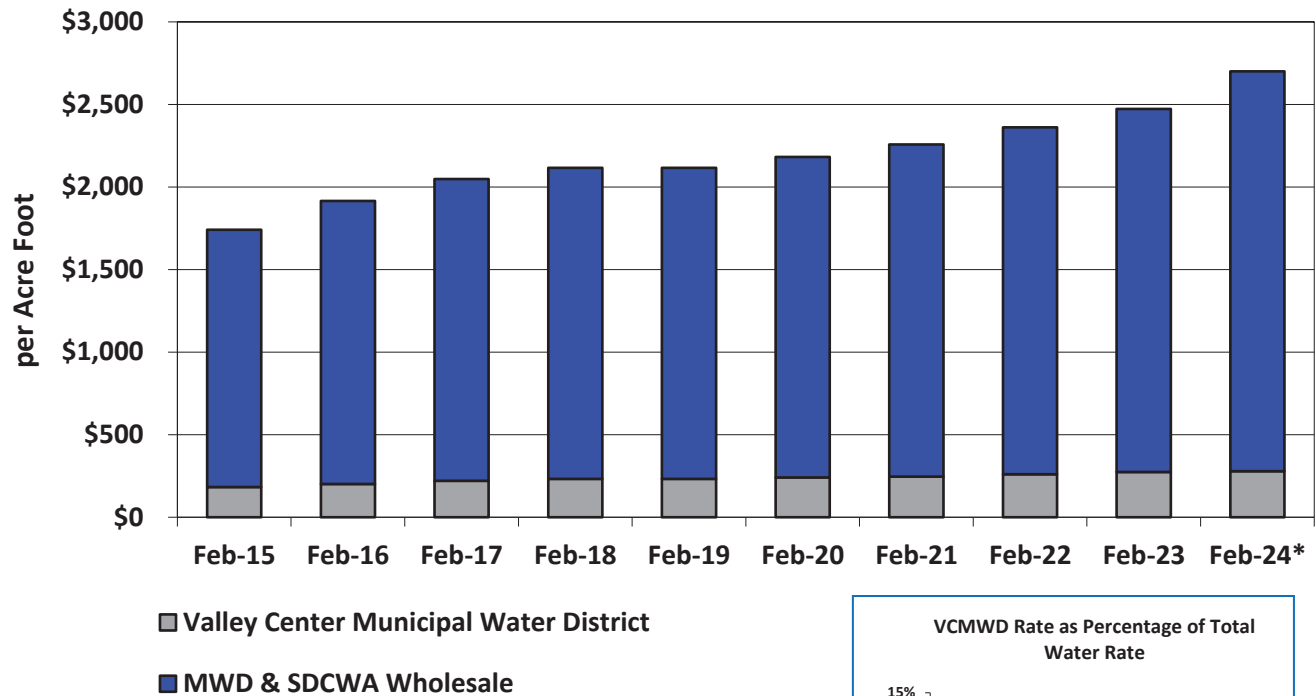

James V. Pugh
Director of Finance

APPROVED BY:


Gary T. Arant
General Manager



Water Rate Components



<i>Rate in Dollars per Acre Foot</i>	Feb 2015	Feb 2016	Feb 2017	Feb 2018	Feb 2019	Feb 2020	Feb 2021	Feb 2022	Feb 2023	Feb 2024*
Valley Center Municipal Water District	\$183	\$201	\$221	\$232	\$232	\$241	\$246	\$260	\$274	\$279
MWD/SDCWA wholesale	<u>1,558</u>	<u>1,714</u>	<u>1,827</u>	<u>1,884</u>	<u>1,884</u>	<u>1,941</u>	<u>2,012</u>	<u>2,101</u>	<u>2,199</u>	<u>2,421</u>
Total	<u>\$1,741</u>	<u>\$1,915</u>	<u>\$2,048</u>	<u>\$2,116</u>	<u>\$2,116</u>	<u>\$2,182</u>	<u>\$2,258</u>	<u>\$2,361</u>	<u>\$2,473</u>	<u>\$2,700</u>
Agricultural Use Discounts **	<u>\$407</u>	<u>\$533</u>	<u>\$550</u>	<u>\$564</u>	<u>\$537</u>	<u>\$566</u>	<u>\$545</u>	<u>\$584</u>	<u>\$593</u>	<u>\$676</u>

* Proposed water rates

** Maximum discount available.



Adopted Resolutions & Ordinances

RESOLUTION NO. 2023-21

RESOLUTION OF THE BOARD OF DIRECTORS OF VALLEY CENTER MUNICIPAL WATER DISTRICT ADOPTING THE FINAL OPERATING AND CAPITAL BUDGET FOR THE FISCAL YEAR 2023-2024 AND ESTABLISHING CONTROLS ON CHANGES IN APPROPRIATIONS FOR THE VARIOUS FUNDS

WHEREAS, the Board of Directors of Valley Center Municipal Water District has reviewed a preliminary budget for 2023-2024 and has made changes therein;

NOW, THEREFORE, IT IS HEREBY RESOLVED, DETERMINED AND ORDERED by the Board of Directors of **VALLEY CENTER MUNICIPAL WATER DISTRICT** as follows:

1. That the budget document which is on file with the Secretary to the Board, a summary of which is attached hereto as "Exhibit A", is adopted as the final operating and capital budget for the District for the Fiscal Year 2023-2024.
2. That the amounts designated in the final Fiscal Year 2023-2024 operating and capital budget are hereby appropriated and may be expended by the departments or funds for which they are designated and such appropriation shall be neither increased nor decreased except as provided herein.
3. That the following controls are hereby placed on the use and transfer of budgeted funds:
 - a. The General Manager is responsible for keeping expenditures within budget allocations approved by the Board of Directors for positions, salaries, operational expenses and capital acquisitions and may adopt budget procedures as necessary to carry out that responsibility. No expenditure of funds shall be authorized unless sufficient funds have been appropriated by the Board or General Manager as described herein.
 - b. The General Manager may reallocate budget items to respond to changed circumstances, provided any single modification in excess of \$50,000 shall require approval by the Board.
 - c. The Department Heads may reallocate budget items, within their department, to respond to changed circumstances, provided that any single modification in excess of \$15,000 shall require approval by the General Manager.
 - d. The Board must authorize any increase in the overall budget and any increase in the number of authorized permanent personnel positions above the level identified in the final operating and capital budget. The General Manager may authorize the hiring of temporary or part-time staff as necessary, within the limits imposed by the available funds in the operating and capital budget.

4. That authorization is made for any carry over or continuing appropriations for the capital budget.

PASSED AND ADOPTED at the regular meeting of the Board of Directors of **VALLEY CENTER MUNICIPAL WATER DISTRICT** held the 19th day of June, 2023*, by the following vote to wit:

AYES: *Directors Polito, Ferro, Holtz, Smith, and Ness*
NOES: None
ABSENT: None


Robert Polito, **Board President**

ATTEST:


Kirsten Peraino, **Board Secretary**



Valley Center Municipal Water District

Recap of Budget and Source of Financing All Budgeted Funds

	Operating	Debt Service	Capital Projects	Total General	Moosa Wastewater	Woods Valley	WVR Expansion	Total All Funds
ESTIMATED BALANCE, JUNE 30, 2023	\$ 7,449,527	\$ 220,420	\$ 15,637,073	\$ 23,307,021	\$ 1,711,957	\$ 3,053,693	\$ 5,243,018	\$ 33,315,688
RECAP OF EXPENDITURES BY FUNCTION								
General Administration	\$ 956,562			\$ 956,562				\$ 956,562
Information Technology	\$ 1,069,927			\$ 1,069,927				\$ 1,069,927
Finance	\$ 2,610,640	\$ 44,873		\$ 2,655,513			\$ 484,988	\$ 3,140,501
Engineering	\$ 2,215,932			\$ 2,215,932				\$ 2,215,932
Operations & Facilities	\$ 8,045,994			\$ 8,045,994	\$ 1,394,349	\$ 1,115,757		\$ 10,556,100
Source of Supply	\$ 33,395,749			\$ 33,395,749				\$ 33,395,749
Capital Projects			\$ 4,707,750	\$ 4,707,750	\$ 1,469,500	\$ 824,300	\$ -	\$ 7,001,550
Total Budgeted Expenditures	\$ 48,294,804	\$ 44,873	\$ 4,707,750	\$ 53,047,427	\$ 2,863,849	\$ 1,940,057	\$ 484,988	\$ 58,336,321
SOURCE OF FINANCING								
Revenues:								
Water Sales	\$ 38,068,000			\$ 38,068,000				\$ 38,068,000
Meter Service Charges/Wastewater Charges	\$ 8,209,000			\$ 8,209,000	\$ 2,117,530	\$ 1,739,695	\$ 2,398,964	\$ 14,465,189
New Connection Sales	\$ 466,350		\$ 778,100	\$ 1,244,450				\$ 1,244,450
Other Revenue	\$ 1,097,600			\$ 1,097,600				\$ 1,097,600
Investment Income	\$ 800,000			\$ 800,000				\$ 800,000
Property Taxes			\$ 3,268,000	\$ 3,268,000				\$ 3,268,000
Water Availability Charges		\$ 44,873	\$ 528,127	\$ 573,000				\$ 573,000
Total Revenues	\$ 48,640,950	\$ 44,873	\$ 4,574,227	\$ 53,260,050	\$ 2,117,530	\$ 1,739,695	\$ 2,398,964	\$ 59,516,239
NET REVENUES & EXPENDITURES	\$ 346,146	\$ -	\$ (133,523)	\$ 212,623	\$ (746,319)	\$ (200,362)	\$ 1,913,976	\$ 1,179,918
EXPENDITURES OF CONTINUING PROJECTS	\$ -	\$ -	\$ (6,437,953)	\$ (6,437,953)	\$ (767,112)	\$ (243,989)	\$ (3,416,161)	\$ (10,865,215)
TRANSFERS (See page 3-2)	\$ (1,446,146)	\$ -	\$ 346,146	\$ (1,100,000)	\$ 1,100,000	\$ -	\$ -	\$ -
ESTIMATED BALANCE, JUNE 30, 2024	\$ 6,349,527	\$ 220,420	\$ 9,411,744	\$ 15,981,691	\$ 1,298,526	\$ 2,609,342	\$ 3,740,833	\$ 23,630,391

June 5, 2023

TO: Honorable President and Board of Directors

FROM: Gary T. Arant, General Manager

SUBJECT: RESOLUTION TO ESTABLISH APPROPRIATION LIMIT FOR 2023-2024

PURPOSE:

Board adoption of Resolution No. 2023-17 establishing the appropriation limit for proceeds from taxes is required by Section 7910 of the Government Code and Article XIII B of the State Constitution (Gann Amendment).

SUMMARY:

In November, 1979, the voters of California approved the addition of Article XIII B to the State Constitution. This amendment provided a maximum annual percentage that proceeds of taxes could increase. The impact of this legislation is most felt by cities and agencies that exist almost entirely on proceeds of taxes of one sort or another. The District's revenues consist primarily of water and wastewater charges, with approximately 6% from general property taxes. The District is required to comply with the legislation by establishing an appropriations limit for the amount it does receive from property taxes. The estimated property tax collections are one-third of the appropriation limit, and if actual tax collections ever exceeded this limit, refund of the excess would have to be made.

Under Proposition 111, the method of calculating the annual appropriation limit was revised, effective July 1, 1990. The California Constitution specifies that the appropriation limit may increase annually by a factor comprised of the change in population combined with either the change in California per capita personal income or the change in the local assessment role due to local nonresidential construction. The appropriation limit method recommended for adoption uses the highest of the options available to maximize our limit for 2023-2024.

Government Code Section 7910 also requires a 15-day period for our calculations to be available to the public for their review, if desired. The attached Public Notice was posted May 4, 2023, in compliance with this requirement.

RECOMMENDATION:

That Resolution No. 2023-17 be adopted to establish the appropriation limit for 2023-2024 as \$8,712,980.

PREPARED BY:



James V. Pugh
Director of Finance & Administration

APPROVED BY:



Gary T. Arant
General Manager

PUBLIC NOTICE

In accordance with Government Code Section 7910, notice is hereby given that on June 5, 2023, at 2:00 P.M. at 29300 Valley Center Road, the Board of Directors will, by resolution, establish the District's 2023-24 appropriation limit pursuant to Article XIII B of the State Constitution as amended by Proposition 111 effective July 1, 1990. The appropriation limit for 2023-24 is to be set at \$8,712,980 and was calculated as set forth below. Documentation of the computation is available in the office of the Director of Finance of the District at the above address.

<u>Fiscal Year</u>	<u>Price Increases (1)</u>	<u>Population Increases</u>	<u>Appropriation Limit</u>
Proceeds of Taxes Base Year			
1986-87			\$855,392
Annual adjustment factors:			
1987-88	12.54% (b)	5.83%	\$1,018,772
1988-89	15.56% (b)	6.09%	\$1,249,014
1989-90	7.21% (b)	5.63%	\$1,414,508
1990-91	7.96% (b)	5.83%	\$1,616,075
1991-92	4.14% (a)	5.24%	\$1,771,218
1992-93	2.75% (b)	4.04%	\$1,893,432
1993-94	2.72% (b)	2.95%	\$2,002,304
1994-95	0.71% (a)	1.42%	\$2,045,153
1995-96	4.72% (a)	1.55%	\$2,174,816
1996-97	4.67% (a)	1.19%	\$2,303,565
1997-98	4.67% (a)	1.46%	\$2,446,386
1998-99	4.15% (a)	2.63%	\$2,614,942
1999-00	4.53% (a)	2.17%	\$2,792,758
2000-01	4.91% (a)	2.33%	\$2,998,026
2001-02	7.82% (a)	1.96%	\$3,295,730
2002-03	0.06% (b)	1.80%	\$3,357,031
2003-04	2.31% (a)	1.77%	\$3,495,341
2004-05	3.28% (a)	1.73%	\$3,672,555
2005-06	5.26% (a)	1.27%	\$3,914,944
2006-07	3.96% (a)	0.94%	\$4,108,342
2007-08	4.42% (a)	2.00%	\$4,375,795
2008-09	4.29% (a)	1.43%	\$4,628,716
2009-10	0.62% (a)	1.32%	\$4,718,976
2010-11	-0.37% (b)	1.52%	\$4,772,772
2011-12	2.51% (a)	0.72%	\$4,927,887
2012-13	3.77% (a)	0.92%	\$5,160,483
2013-14	5.12% (a)	0.80%	\$5,468,048
2014-15	-0.23% (b)	1.23%	\$5,522,728
2015-16	3.82% (a)	1.48%	\$5,818,746
2016-17	5.37% (a)	0.78%	\$6,178,926
2017-18	3.69% (a)	0.92%	\$6,465,628
2018-19	3.67% (a)	0.95%	\$6,766,280
2019-20	3.85% (a)	0.52%	\$7,063,320
2020-21	3.73% (a)	0.59%	\$7,369,868
2021-22	5.73% (a)	-0.37%	\$7,763,419
2022-23	7.55% (a)	-0.08%	\$8,342,570
2023-24	4.44% (a)	0.00%	\$8,712,980

Posted May 4, 2023



James V. Pugh, Director of Finance
Valley Center Municipal Water District

- (1) A California governmental unit may increase its appropriation limit by either
(a) the annual percentage increase in California fourth quarter per capita personal income, or
(b) the percentage increase in the local assessment roll from the preceding year due to the addition of local non-residential construction, whichever is greater.

RESOLUTION NO. 2023-17

RESOLUTION OF THE BOARD OF DIRECTORS OF VALLEY CENTER MUNICIPAL WATER DISTRICT TO ESTABLISH THE APPROPRIATION LIMIT FOR THE 2023-2024 FISCAL YEAR

WHEREAS, effective July 1, 1980, Article XIIIB of the California Constitution took effect limiting the appropriations of certain state and local agencies; and

WHEREAS, effective July 1, 1990, Article XIIIB of the California Constitution was amended; and

WHEREAS, the Legislature has adopted Government Code Sections 7900 through 7914 setting forth procedures to be followed by affected local agencies in fixing and determining their appropriation limit; and

WHEREAS, pursuant to said Government Code sections, the County of San Diego and the State of California Department of Finance have supplied the District with data regarding changes in population, cost of living, per capita income, nonresidential new construction, and local assessment roll for use in determining its appropriation limit; and

WHEREAS, the District had a tax rate in excess of 12.5 cents per \$100 of assessed valuation during the 1977-78 fiscal year, and, therefore, is subject to the provisions of Article XIIIB and implementing legislation; and

WHEREAS, the Government Code Section 7910 requires that each year the governing body of the District, by resolution, establish its appropriation limit for the following fiscal year; and

WHEREAS, the Government Code Section 7901 requires the governing body of the District, annually by resolution, to select the basis for its change in population as defined in that section; and

WHEREAS, Section 8(e)(2) of Article XIIIB of the Constitution requires the Board to select the method of determining "change in the cost of living" as defined in that section; and

WHEREAS, at least 15 days prior to the meeting at which this resolution was adopted, the documentation used in the determination of the appropriation limit was made available to the public at the offices of the District; and

WHEREAS, the Board has fully considered said laws, the revenues and expenditures of the District during the relevant years, the data received from the State of California Department of Finance, the reports and recommendations of staff, and the opinions of counsel;

NOW, THEREFORE, IT IS HEREBY RESOLVED, DETERMINED AND ORDERED
by the Board of Directors of Valley Center Municipal Water District as follows:

1. That the foregoing facts are true and correct.
2. That the appropriation limit for the 2022-23 fiscal year was \$8,342,570, and that the proceeds of taxes to be received in that year, in the amount of approximately \$3,187,900, did not exceed that appropriation limit.
3. That in determining the appropriation limit for 2023-2024, the District shall use the percentage change in the California per capita personal income from the preceding year or the change in the local assessment roll from the preceding year due to the addition of local new nonresidential construction, whichever is greater.
4. That in determining the appropriation limit for 2023-2024, the District shall use the percentage change in population for San Diego County or for the unincorporated portion of San Diego County, whichever is greater, as provided by the State of California Department of Finance.
5. That pursuant to Article XIIIB, as amended, and Section 7910 of the Government Code, as amended, the appropriation limit for Valley Center Municipal Water District for the 2023-2024 fiscal year is established at \$8,712,980.

PASSED AND ADOPTED at a regular meeting of the Board of Directors of
VALLEY CENTER MUNICIPAL WATER DISTRICT held the 5th day of June, 2023, by
the following vote, to wit;


AYES: *Directors Polito, Ferro, Holtz, Smith, and Ness*

NOES: None

ABSENT: None


Robert A. Polito, *President*

ATTEST:


Kirsten N. Peraino, *Secretary*

ORDINANCE NO. 2023-07

**ORDINANCE OF THE BOARD OF DIRECTORS OF
VALLEY CENTER MUNICIPAL WATER DISTRICT
AMENDING THE ADMINISTRATIVE CODE TO PROVIDE
FOR CHANGES IN AUTHORIZED STAFFING LEVELS PER
THE FISCAL YEAR 2023-24 BUDGET AND STAFF ORGANIZATION
AND TO INCORPORATE CHANGES PER THE APPROVED
MEMORANDUM OF UNDERSTANDING WITH EMPLOYEES**

BE IT ORDAINED by the Board of Directors of the **VALLEY CENTER MUNICIPAL WATER DISTRICT** as follows:

Section 1. The VALLEY CENTER MUNICIPAL WATER DISTRICT Administrative Code be and is amended to provide for changes in the District's Classification and Compensation Plan by modification of Article 8 Section 8.6 Standby Pay, Section 8.7 Shift Differential, and Section 8.9 (c) Salary Schedule as set forth in "Exhibit A" attached hereto.

Section 2. The VALLEY CENTER MUNICIPAL WATER DISTRICT Administrative Code be and is amended to provide for changes in the District's organizational chart and the authorized staffing level by modification of Section 40.11 as set forth in "Exhibit B" attached hereto.

Section 3. This ordinance shall take effect June 30, 2023, mid-shift to comply with the Memorandum of Understanding with the District Employees' Association adopted by Ordinance No. 2019-04.

PASSED AND ADOPTED at a regular meeting of the Board of Directors of Valley Center Municipal Water District held on the 19th day of June 2023, by the following vote, to wit:

AYES: *Directors Polito, Ferro, Holtz, Smith, and Ness*

NOES: None

ABSENT: None


Robert Polito, Board President

ATTEST:


Kirsten Peraino, Board Secretary

Sec. 8.6 Standby Pay

- (a) Standby Duty Pay. The employee assigned to the overnight standby duty shall receive ~~\$38.07~~ **\$39.78** for the overnight standby shift plus a minimum of two (2) hours pay at applicable overtime rates for the first call back in each overnight standby shift. Any successive call backs in the same overnight standby shift will be paid for actual time worked at applicable overtime rates.

Exempt employees are not eligible to receive standby pay.

- (b) Weekend/Holiday Standby Pay. The employees assigned overnight standby duty on Fridays shall receive the standby pay as set forth in Section 8.6(a) for the overnight standby shift. The employees assigned to twenty-four (24) hour standby duty on Saturdays, Sundays and holidays shall receive ~~\$72.87~~ **\$76.15** per twenty-four (24) hour standby shift. The employees shall receive a minimum of two (2) hours pay at applicable overtime rates for the first call back in each shift. Any successive call backs in the same shift will be paid for actual time worked at applicable overtime rates.

Exempt employees are not eligible to receive weekend/holiday standby pay.

- Sec. 8.7 Shift Differential Pay. Employees assigned to work a different shift from the District's regular work period of Monday through Thursday from 7:00 a.m. to 4:30 p.m., and on Friday from 7:00 a.m. to 3:30 p.m. for Field personnel and 7:30 a.m. to 4:00 p.m. for Office and Field Administrative personnel shall receive ~~\$1.71~~ **\$1.79** per hour shift differential pay in addition to his/her regular pay for those hours worked other than the District's regular work period.

- Sec. 8.8 Payroll Period and Pay Day. Payroll periods shall be on a biweekly basis beginning four (4) hours and one (1) minute into the workday on Friday and end 168 hours later. Pay checks will normally be distributed in the week following the end of the payroll period.

Per Ordinance No. 2021-09 Adopted July 6, 2021 [Sec. 8.6; 8.7 and 8.8]

Per Ordinance No. 2020-07 Adopted 7/6/20 [Sec. 8.6 & 8.7]

Per Ordinance No. 2008-05 Adopted 6/16/08 [Sec. 8.8]

Sec. 8.9

Compensation Policy - Position Classifications and Salary Ranges. This section sets forth the basic policies of the District. However, notwithstanding any policy set forth herein, the Board of Directors reserves the right and power to determine salary schedules and compensation of all employees after meeting and conferring with recognized employee associations and employee representatives.

It has been determined to be in the best interest of the Valley Center Municipal Water District to compensate its employees at salaries competitive with individuals being paid for comparable duties and responsibilities in public agencies providing similar services within the District's employment area, which is defined as San Diego and Southwestern Riverside Counties. Competitive compensation shall be deemed to be salary rates at 100%-105% of the mean salary paid for comparable duties and responsibilities in the employment area. Variance from this may be justified by circumstances and conditions specific to the Valley Center Municipal Water District.

- (a) Position Classifications and Salary Ranges. The District shall review and evaluate the position classifications existing within the District as negotiated. Based on comparative studies made in the District's employment area, the General Manager may recommend to the Board of Directors that adjustments to all or any part of the salary ranges be made.
- (b) Implementation of Findings. If, upon the review and evaluation of the position classifications by the District or by outside consultants, employees are found:
 - (1) to be compensated below the bottom of the recommended and adopted salary range for their respective position(s), then the affected employee(s) may receive a salary range adjustment increase effective with the adoption of the revised salary range, and such increase shall have no effect on subsequent meritorious salary consideration, or
 - (2) to be compensated above the top of the recommended range for their respective position(s), then subject employee(s) shall be deemed to be "above range", and shall retain the current pay level and qualification for annual cost of living increases, if awarded, as long as the incumbent employee(s) retains the present classification. Employees subsequently hired into the same classification shall be compensated within the salary range in effect at the time of hire.
- (c) Classification and Compensation Plan. Simultaneous with submission of the fiscal year budget, a list of all positions required for the coming year, along with the recommended salary range for each position, are submitted. The Board, after full consideration of the recommendations, shall adopt a classification and compensation plan.

The present District salary ranges are shown on the immediately following pages.

Per Ordinance No. 99-4 Adopted 6/21/99 [Sec. 8.9(b)(2)]
Per Ordinance No. 2008-05 Adopted 6/16/08 [Sec. 8.9]
Per Ordinance No. 2008-05 Adopted 6/16/08 [Sec. 8.9(a)]
Per Ordinance No. 2020-07 Adopted 7/6/20 [Sec. 8.9(c)]

Sec. 8.9 Compensation Policy - Position Classifications and Salary Ranges (Cont'd.)

(c) Classification and Compensation Plan (Cont'd.)

Effective **06/30/23**, at mid shift

<u>Classifications</u>	<u>Salary Range Number</u>
General Manager	As set by Board
Executive Assistant/Secretary to the Board	25
Special Projects and Compliance Manager	31
Administrative/Clerical Series	
Administrative Assistant I	14 ⁽¹⁾
Administrative Assistant II	16
Administrative Assistant II/Assistant Board Secretary	17
Administrative Assistant III	18
Administrative Assistant III/Assistant Board Secretary	19
Sr. Administrative Assistant	21
Administrative Supervisor	23
Engineering Series	
District Engineer /Deputy General Manager	37.6
Senior Engineer	34
Project Coordinator	27
Project Manager	30.5
Project Manager/Deputy Engineering (Dept. Director)	31
Engineering Technician I	19 ⁽¹⁾
Engineering Technician II	21
Engineering Technician III	23
Sr. Engineering Technician	25
Engineering Services Supervisor	27
GIS/Mapping Technician	21
GIS Analyst	23
Senior GIS Analyst	25
Construction Inspector	22.5
Sr. Construction Inspector	24.5
Construction Inspector Supervisor	27
Finance, Accounting and Consumer Services Series	
Director of Finance and Administration	36.6
Accounting Specialist I	18
Accounting Specialist II	21
Manager of Accounting/ Deputy Director of Finance & Administration	31 33

Notes: ⁽¹⁾ Employees may be hired in the "Training Range", as defined by Section 5.3(e), hired at 15% below classification level.

Sec. 8.9 Compensation Policy - Position Classifications and Salary Ranges (Cont'd.)

(c) Classification and Compensation Plan (Cont'd.)

Effective 06/30/2023, at mid shift

<u>Classifications</u>	<u>Salary Range Number</u>
Finance (Cont'd)	
Consumer Services Assistant	16
Sr. Consumer Services Assistant	18
Consumer Services Supervisor	25
Human Resources Analyst	25
Information Technology Series	
Director of Information Technology	36.6
Information Technology Specialist	23 ^{(1) (2)}
Sr. Information Technology Specialist	27
SCADA IT Administrator	29
Operations and Facility Maintenance Administration and Operating Divisions Series	
Director of Operations/Facilities	36.5
Safety & Regulatory Compliance Officer	25.0
Construction-Maintenance, Landscape Division	
Construction/Maintenance Technician I	17 ^{(1) (2)}
Construction/Maintenance Technician II	19.5
Construction/Maintenance Technician III	21.5
Sr. Construction/Maintenance Technician	23.5
Construction/Maintenance Supervisor	27
Landscape Maintenance Worker I	13 ^{(1) (2)}
Landscape Maintenance Worker II	15
Landscape Maintenance Worker III	17
Sr. Landscape Maintenance Worker	19
Meter Services Division	
Meter Services Technician I	17 ^{(1) (2)}
Meter Services Technician II	19.5
Meter Services Technician III	21.5
Sr. Meter Services Technician	23.5
Meter Services Supervisor	27

- Notes: ⁽¹⁾ Employees may be hired in the "Training Range", as defined by Section 5.3(e), hired at 15% below classification level.
- ⁽²⁾ Employees may be hired as "Provisional Employees" and, as such, have two (2) years to obtain the licenses and certifications required to perform their specified duties or be subject to actions as described in Section 5.3(f)

Sec. 8.9 Compensation Policy - Position Classifications and Salary Ranges (Cont'd.)(c) Classification and Compensation Plan (Cont'd.)*Effective 06/30/2023, at mid shift*

<u>Classifications</u>	<u>Salary Range Number</u>
Pumps-Motors, Electrical, Fleet Maintenance Division	
Pump Facilities Technician I	17 ⁽¹⁾ ⁽²⁾
Pump Facilities Technician II	19.5
Pump Facilities Technician III	21.5
Sr. Pump Facilities Technician	23.5
Pumps and Motors Supervisor/ <i>Deputy Director of Operations & Facilities</i>	27 27.5
Electrical Technician I	17
Electrical Technician II	19.5
Electrician	21.5
Sr. Electrician	23.5
Fleet Mechanic I	17 ⁽¹⁾ ⁽²⁾
Fleet Mechanic II	19.5
Fleet Mechanic III	21.5
Sr. Fleet Mechanic	23.5
Wastewater Operations Division	
Wastewater Systems Technician I	17 ⁽¹⁾ ⁽²⁾
Wastewater Systems Technician II	19.5
Wastewater Systems Technician III	21.5
Sr. Wastewater Systems Technician	23.5
Wastewater Systems Supervisor	27
Water Operations Division	
Water Systems Technician I	17 ⁽¹⁾ ⁽²⁾
Water Systems Technician II	19.5
Water Systems Technician III	21.5
Sr. Water Systems Technician	23.5
Water Systems Supervisor	27

- Notes: ⁽¹⁾ Employees may be hired in the "Training Range", as defined by Section 5.3(e), hired at 15% below classification level.
- ⁽²⁾ Employees may be hired as "Provisional Employees" and, as such, have two (2) years to obtain the licenses and certifications required to perform their specified duties or be subject to actions as described in Section 5.3(f)

Per Ordinance No. 2021-09 Adopted July 6, 2021 [Sec. 8.9(c)]

Per Ordinance No. 2020-07 Adopted 7/6/20 [Sec. 8.9(c)]

VALLEY CENTER MUNICIPAL WATER DISTRICT
SALARY SCHEDULE FOR 2023-2024

RANGE NO.	BIWEEKLY SALARY RANGE		MONTHLY SALARY RANGE		YEARLY SALARY RANGE		HOURLY SALARY RANGE	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
Gen Mgr *	\$9,388.90	\$9,388.90	\$20,342.62	\$20,342.62	\$244,110.50	\$244,110.50	\$122.173	\$122.173
37.6	\$6,637.76	\$8,863.84	\$14,381.81	\$19,204.99	\$172,581.76	\$230,459.84	\$82.972	\$110.798
37.5	\$6,545.44	\$8,771.52	\$14,181.79	\$19,004.96	\$170,181.44	\$228,059.52	\$81.818	\$109.644
37.0	\$6,387.68	\$8,560.08	\$13,839.97	\$18,546.84	\$166,079.68	\$222,562.08	\$79.846	\$107.001
36.6	\$6,326.08	\$8,446.16	\$13,706.51	\$18,300.01	\$164,478.08	\$219,600.16	\$79.076	\$105.577
36.5	\$6,233.76	\$8,353.84	\$13,506.48	\$18,099.99	\$162,077.76	\$217,199.84	\$77.922	\$104.423
36.0	\$6,083.52	\$8,152.48	\$13,180.96	\$17,663.71	\$158,171.52	\$211,964.48	\$76.044	\$101.906
35.5	\$5,936.88	\$7,956.00	\$12,863.24	\$17,238.00	\$154,358.88	\$206,856.00	\$74.211	\$99.450
35.0	\$5,793.84	\$7,764.24	\$12,553.32	\$16,822.52	\$150,639.84	\$201,870.24	\$72.423	\$97.053
34.5	\$5,654.24	\$7,577.12	\$12,250.85	\$16,417.09	\$147,010.24	\$197,005.12	\$70.678	\$94.714
34.0	\$5,517.92	\$7,394.56	\$11,955.49	\$16,021.55	\$143,465.92	\$192,258.56	\$68.974	\$92.432
33.5	\$5,384.96	\$7,216.32	\$11,667.41	\$15,635.36	\$140,008.96	\$187,624.32	\$67.312	\$90.204
33.0	\$5,255.20	\$7,042.40	\$11,386.27	\$15,258.53	\$136,635.20	\$183,102.40	\$65.690	\$88.030
32.5	\$5,128.56	\$6,872.72	\$11,111.88	\$14,890.89	\$133,342.56	\$178,690.72	\$64.107	\$85.909
32.0	\$5,004.96	\$6,707.04	\$10,844.08	\$14,531.92	\$130,128.96	\$174,383.04	\$62.562	\$83.838
31.5	\$4,884.32	\$6,545.44	\$10,582.69	\$14,181.79	\$126,992.32	\$170,181.44	\$61.054	\$81.818
31.0	\$4,766.64	\$6,387.68	\$10,327.72	\$13,839.97	\$123,932.64	\$166,079.68	\$59.583	\$79.846
30.5	\$4,651.76	\$6,233.76	\$10,078.81	\$13,506.48	\$120,945.76	\$162,077.76	\$58.147	\$77.922
30.0	\$4,539.60	\$6,083.52	\$9,835.80	\$13,180.96	\$118,029.60	\$158,171.52	\$56.745	\$76.044
29.5	\$4,430.24	\$5,936.88	\$9,598.85	\$12,863.24	\$115,186.24	\$154,358.88	\$55.378	\$74.211
29.0	\$4,323.44	\$5,793.84	\$9,367.45	\$12,553.32	\$112,409.44	\$150,639.84	\$54.043	\$72.423
28.5	\$4,219.28	\$5,654.24	\$9,141.77	\$12,250.85	\$109,701.28	\$147,010.24	\$52.741	\$70.678
28.0	\$4,117.60	\$5,517.92	\$8,921.47	\$11,955.49	\$107,057.60	\$143,465.92	\$51.470	\$68.974
27.5	\$4,018.32	\$5,384.96	\$8,706.36	\$11,667.41	\$104,476.32	\$140,008.96	\$50.229	\$67.312
27.0	\$3,921.52	\$5,255.20	\$8,496.63	\$11,386.27	\$101,959.52	\$136,635.20	\$49.019	\$65.690
26.5	\$3,826.96	\$5,128.56	\$8,291.75	\$11,111.88	\$99,500.96	\$133,342.56	\$47.837	\$64.107
26.0	\$3,734.80	\$5,004.96	\$8,092.07	\$10,844.08	\$97,104.80	\$130,128.96	\$46.685	\$62.562
25.5	\$3,644.80	\$4,884.32	\$7,897.07	\$10,582.69	\$94,764.80	\$126,992.32	\$45.560	\$61.054
25.0	\$3,556.96	\$4,766.64	\$7,706.75	\$10,327.72	\$92,480.96	\$123,932.64	\$44.462	\$59.583
24.5	\$3,471.20	\$4,651.76	\$7,520.93	\$10,078.81	\$90,251.20	\$120,945.76	\$43.390	\$58.147
24.0	\$3,387.52	\$4,539.60	\$7,339.63	\$9,835.80	\$88,075.52	\$118,029.60	\$42.344	\$56.745
23.5	\$3,305.92	\$4,430.24	\$7,162.83	\$9,598.85	\$85,953.92	\$115,186.24	\$41.324	\$55.378
23.0	\$3,226.24	\$4,323.44	\$6,990.19	\$9,367.45	\$83,882.24	\$112,409.44	\$40.328	\$54.043
22.5	\$3,148.48	\$4,219.28	\$6,821.71	\$9,141.77	\$81,860.48	\$109,701.28	\$39.356	\$52.741
22.0	\$3,072.64	\$4,117.60	\$6,657.39	\$8,921.47	\$79,888.64	\$107,057.60	\$38.408	\$51.470
21.5	\$2,998.56	\$4,018.32	\$6,496.88	\$8,706.36	\$77,962.56	\$104,476.32	\$37.482	\$50.229
21.0	\$2,926.32	\$3,921.52	\$6,340.36	\$8,496.63	\$76,084.32	\$101,959.52	\$36.579	\$49.019
20.5	\$2,855.76	\$3,826.96	\$6,187.48	\$8,291.75	\$74,249.76	\$99,500.96	\$35.697	\$47.837
20.0	\$2,786.96	\$3,734.80	\$6,038.41	\$8,092.07	\$72,460.96	\$97,104.80	\$34.837	\$46.685
19.5	\$2,719.76	\$3,644.80	\$5,892.81	\$7,897.07	\$70,713.76	\$94,764.80	\$33.997	\$45.560
19.0	\$2,654.24	\$3,556.96	\$5,750.85	\$7,706.75	\$69,010.24	\$92,480.96	\$33.178	\$44.462
18.5	\$2,590.24	\$3,471.20	\$5,612.19	\$7,520.93	\$67,346.24	\$90,251.20	\$32.378	\$43.390
18.0	\$2,527.84	\$3,387.52	\$5,476.99	\$7,339.63	\$65,723.84	\$88,075.52	\$31.598	\$42.344
17.5	\$2,466.96	\$3,305.92	\$5,345.08	\$7,162.83	\$64,140.96	\$85,953.92	\$30.837	\$41.324
17.0	\$2,407.44	\$3,226.24	\$5,216.12	\$6,990.19	\$62,593.44	\$83,882.24	\$30.093	\$40.328
16.5	\$2,349.44	\$3,148.48	\$5,090.45	\$6,821.71	\$61,085.44	\$81,860.48	\$29.368	\$39.356
16.0	\$2,292.80	\$3,072.64	\$4,967.73	\$6,657.39	\$59,612.80	\$79,888.64	\$28.660	\$38.408
15.5	\$2,237.60	\$2,998.56	\$4,848.13	\$6,496.88	\$58,177.60	\$77,962.56	\$27.970	\$37.482
15.0	\$2,183.68	\$2,926.32	\$4,731.31	\$6,340.36	\$56,775.68	\$76,084.32	\$27.296	\$36.579
14.5	\$2,131.04	\$2,855.76	\$4,617.25	\$6,187.48	\$55,407.04	\$74,249.76	\$26.638	\$35.697
14.0	\$2,079.68	\$2,786.96	\$4,505.97	\$6,038.41	\$54,071.68	\$72,460.96	\$25.996	\$34.837
13.5	\$2,029.52	\$2,719.76	\$4,397.29	\$5,892.81	\$52,767.52	\$70,713.76	\$25.369	\$33.997
13.0	\$1,980.64	\$2,654.24	\$4,291.39	\$5,750.85	\$51,496.64	\$69,010.24	\$24.758	\$33.178
12.5	\$1,932.88	\$2,590.24	\$4,187.91	\$5,612.19	\$50,254.88	\$67,346.24	\$24.161	\$32.378
12.0	\$1,886.32	\$2,527.84	\$4,087.03	\$5,476.99	\$49,044.32	\$65,723.84	\$23.579	\$31.598
11.5	\$1,840.88	\$2,466.96	\$3,988.57	\$5,345.08	\$47,862.88	\$64,140.96	\$23.011	\$30.837
11.0	\$1,796.48	\$2,407.44	\$3,892.37	\$5,216.12	\$46,708.48	\$62,593.44	\$22.456	\$30.093
10.5	\$1,753.20	\$2,349.44	\$3,798.60	\$5,090.45	\$45,583.20	\$61,085.44	\$21.915	\$29.368
10.0	\$1,710.96	\$2,292.80	\$3,707.08	\$4,967.73	\$44,484.96	\$59,612.80	\$21.387	\$28.660

* General Manager salary is effective on January 1.

Sec. 40.10 Director of Information Technology. The Director of IT shall, subject to Board approval, be appointed by and be directly responsible to the General Manager. This position requires education and long term experience in computer science and information systems, including network engineering and administration, database administration, software development, and information systems security.

This person shall be responsible for overall planning, organizing, and execution of all Information Technology functions. This includes directing all IT operations as well as the support and maintenance of existing infrastructure, applications, and development of new technical solutions.

Sec. 40.11 Organizational Chart. As shown below and on the following Organizational Chart, the authorized staff level by department is:

<u>Department</u>	<u>Authorized Staff Level</u>
Administration	3.00
Information Technology	3.00
Finance	9.00
Engineering	15.00
Operations	<u>42.00</u>
Total Authorized Positions	<u>72.00</u>

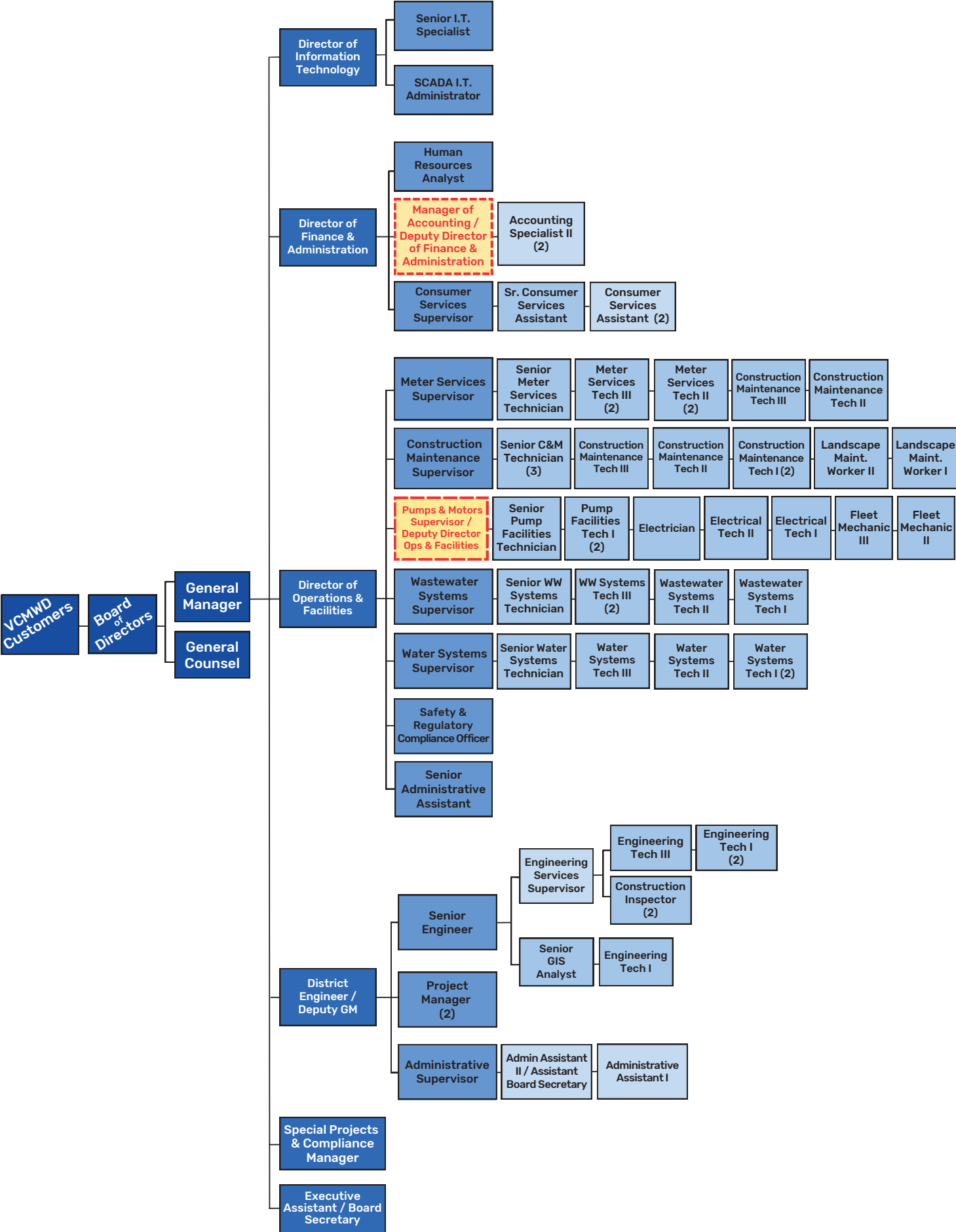
With the approval of the General Manager and subject to availability of budget appropriations, promotions, demotions or reclassification of employees may occur within the total staff level authorized above to meet the goals and needs of the District.

Per Ordinance No. 2022-10 Adopted 7/5/22 [Sec. 40.11]

Per Ordinance No. 2021-09 Adopted 7/6/21 [Sec. 40.11]

Per Ordinance No. 2019-05 Adopted 7/1/19 [Sec. 40.11]

Per Ordinance No. 2014-06 Adopted 9/2/14 [Sec. 40.10]





Valley Center Municipal Water District

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Recap of Revenues & Source



Valley Center Municipal Water District

Recap of Budget and Source of Financing All Budgeted Funds

	Operating	Debt Service	Capital Projects	Total General	Moosa Wastewater	Woods Valley	WVR Expansion	Total All Funds
ESTIMATED BALANCE, JUNE 30, 2023	\$ 7,449,527	\$ 220,420	\$ 15,637,073	\$ 23,307,021	\$ 1,711,957	\$ 3,053,693	\$ 5,243,018	\$ 33,315,688
RECAP OF EXPENDITURES BY FUNCTION								
General Administration	\$ 956,562			\$ 956,562				\$ 956,562
Information Technology	\$ 1,069,927			\$ 1,069,927				\$ 1,069,927
Finance	\$ 2,610,640	\$ 44,873		\$ 2,655,513			\$ 484,988	\$ 3,140,501
Engineering	\$ 2,215,932			\$ 2,215,932				\$ 2,215,932
Operations & Facilities	\$ 8,045,994			\$ 8,045,994	\$ 1,394,349	\$ 1,115,757		\$ 10,556,100
Source of Supply	\$ 33,395,749			\$ 33,395,749				\$ 33,395,749
Capital Projects			\$ 4,707,750	\$ 4,707,750	\$ 1,469,500	\$ 824,300	\$ -	\$ 7,001,550
Total Budgeted Expenditures	\$ 48,294,804	\$ 44,873	\$ 4,707,750	\$ 53,047,427	\$ 2,863,849	\$ 1,940,057	\$ 484,988	\$ 58,336,321
SOURCE OF FINANCING								
Revenues:								
Water Sales	\$ 38,068,000			\$ 38,068,000				\$ 38,068,000
Meter Service Charges/Wastewater Charges	\$ 8,209,000			\$ 8,209,000	\$ 2,117,530	\$ 1,739,695	\$ 2,398,964	\$ 14,465,189
New Connection Sales	\$ 466,350		\$ 778,100	\$ 1,244,450				\$ 1,244,450
Other Revenue	\$ 1,097,600			\$ 1,097,600				\$ 1,097,600
Investment Income	\$ 800,000			\$ 800,000				\$ 800,000
Property Taxes			\$ 3,268,000	\$ 3,268,000				\$ 3,268,000
Water Availability Charges	\$ -	\$ 44,873	\$ 528,127	\$ 573,000				\$ 573,000
Total Revenues	\$ 48,640,950	\$ 44,873	\$ 4,574,227	\$ 53,260,050	\$ 2,117,530	\$ 1,739,695	\$ 2,398,964	\$ 59,516,239
NET REVENUES & EXPENDITURES	\$ 346,146	\$ -	\$ (133,523)	\$ 212,623	\$ (746,319)	\$ (200,362)	\$ 1,913,976	\$ 1,179,918
EXPENDITURES OF CONTINUING PROJECTS	\$ -	\$ -	\$ (6,437,953)	\$ (6,437,953)	\$ (767,112)	\$ (243,989)	\$ (3,416,161)	\$ (10,865,215)
TRANSFERS (See page 3-3)	\$ (1,446,146)	\$ -	\$ 346,146	\$ (1,100,000)	\$ 1,100,000	\$ -	\$ -	\$ -
ESTIMATED BALANCE, JUNE 30, 2024	\$ 6,349,527	\$ 220,420	\$ 9,411,744	\$ 15,981,691	\$ 1,298,526	\$ 2,609,342	\$ 3,740,833	\$ 23,630,391



Valley Center Municipal Water District

Recap of Reserves and Fund Balances All Budgeted Funds (Excludes Utility Plant)

	Projected Balance June 30, 2023	Revenues	Expenses	Net Revenues -Expenses	Transfers and Budgeted Additions	Projected Balance June 30, 2024
General Fund						
Operating						
Discretionary Reserves						
- Rate Stabilization	\$ -			\$ -		\$ -
- Pumping Rate Stabilization	\$ -	\$ 3,105,000	\$ (3,745,800)	\$ (640,800)	\$ 640,800	\$ -
- Operating Reserve	\$ 7,449,527			\$ -	\$ (1,100,000)	\$ 6,349,527
Unappropriated Fund Balance	\$ -	\$ 45,535,950	\$ (44,549,004)	\$ 986,946	\$ (986,946)	\$ -
Total Operating	\$ 7,449,527	\$ 48,640,950	\$ (48,294,804)	\$ 346,146	\$ (1,446,146)	\$ 6,349,527
Debt Service Reserve	\$ 220,420	\$ -	\$ -	\$ -	\$ -	\$ 220,420
Capital Projects Reserves						
- Continuing Projects	\$ 6,437,953		\$ (6,437,953)	\$ (6,437,953)		\$ -
- Capacity Charges	\$ 4,868,927	\$ 778,100	\$ (778,100)	\$ -		\$ 4,868,927
- Capital Improvements	\$ 4,330,193	\$ 4,574,227	\$ (4,707,750)	\$ (133,523)	\$ 346,146	\$ 4,542,816
Total Capital	\$ 15,637,073	\$ 4,574,227	\$ (11,923,803)	\$ (6,571,476)	\$ 346,146	\$ 9,411,744
Total General Fund	\$ 23,307,021	\$ 53,260,050	\$ (60,218,607)	\$ (6,958,557)	\$ (1,100,000)	\$ 15,981,691
Lower Moosa Wastewater	\$ 1,711,957	\$ 2,117,530	\$ (3,630,961)	\$ (1,513,431)	\$ 1,100,000	\$ 1,298,526
Woods Valley Expansion	\$ 5,243,018	\$ 2,398,964	\$ (3,901,149)	\$ (1,502,185)	\$ -	\$ 3,740,833
Woods Valley Wastewater	\$ 3,053,693	\$ 1,739,695	\$ (2,184,046)	\$ (444,351)	\$ -	\$ 2,609,342
Total All Funds	\$ 33,315,688	\$ 59,516,239	\$ (69,934,763)	\$ (10,418,524)	\$ -	\$ 23,630,391



Valley Center Municipal Water District

General Fund

Revenue Estimate

Fund	Department
01	00

Page 1 of 2

Account No.	Description	2021-2022	2022-2023		2023-2024
		Actual	Budget	Estimated Actual	Budget
	WATER SALES (ACRE FEET)	@ 16,207	@ 16,500	@ 14,400	@ 16,000
80-41400	Municipal & Industrial	14,314,878	15,006,000	13,746,000	16,289,000
80-41700	Certified Agricultural - SAWR	9,557,773	10,153,000	7,604,000	9,773,000
80-41800	Certified Ag/Domestic - SAWR	7,910,589	8,349,000	6,759,000	8,688,000
80-43502	Construction	219,119	187,000	213,000	213,000
80-45000	Pump Charge	2,286,452	2,694,000	2,120,000	3,105,000
	Total Water Sales	34,288,811	36,389,000	30,442,000	38,068,000
80-41007	Additional Living Charge	\$21,847	\$22,000	\$22,000	\$22,000
80-41401	Meter Service Charges	6,437,369	7,071,000	7,074,000	7,390,000
80-41410	Infrastructure Access Charge	728,642	766,000	771,000	797,000
	Total Meter Service Charges	7,187,858	7,859,000	7,867,000	8,209,000
82-41000	Water Meters - New	\$544,353	\$356,600	\$746,200	\$409,460
82-41990	Water Meters - Relocate	3,700	0	0	0
82-43000	Pressure Reducers	282	0	0	0
82-44000	Double Check Valves	385,481	61,450	479,100	56,890
	Total New Connection Sales	933,816	418,050	1,225,300	466,350
83-41003	Current Secured	2,677,989	2,782,000	3,089,000	3,151,000
83-42010	Current Unsecured	71,058	76,000	98,900	101,000
83-44010	Homeowners Exemption (HOE)	14,891	15,000	15,500	16,000
83-45050	Current Water Availability Charge	573,254	573,000	573,000	573,000
83-48200	Interest Allocation-Wtr Availability Chg	288	0	300	0
83-47000	Prior Unsecured	1,262	0	10,800	0
83-48000	Interest Allocation	1,412	0	1,400	0
	Total Property Taxes-Other	3,340,154	3,446,000	3,788,900	3,841,000



Valley Center Municipal Water District

General Fund

Revenue Estimate

Fund	Department
01	00

Page 2 of 2

Account No.	Description	2021-2022	2022-2023		2023-2024
		Actual	Budget	Estimated Actual	Budget
84/85-40001	Investment Income	(796,276)	428,800	663,000	800,000
86-41790	Delinquent Penalty	385,892	393,000	412,000	400,000
86-41850	Transfer Fee	9,750	9,000	8,000	8,000
86-42011	Turn On Charge	9,135	9,000	6,900	7,000
86-42100	R.P. Inspection/Svc Fee	230,934	226,000	263,100	277,000
86-42101	R.P. Repairs	4,946	7,000	0	0
86-43010	Sale of Maps/Copies	0	100	0	100
86-43300	Service Availability Charge	2,570	2,600	3,400	3,400
86-43500	Sale of Surplus	10,523	10,000	20,000	10,000
86-44020	Other	375,455	2,900	11,500	12,000
86-44001	Return Check Charge	3,975	3,900	5,400	5,400
86-44002	Lease of Facilities	399,081	369,100	369,200	369,200
86-44004	Escondido Sewer Collection Fee	4,050	4,200	4,000	4,000
86-44005	Escondido Water Service in Lieu	2,132	2,100	1,500	1,500
Total Other Revenue		642,167	1,467,700	1,768,000	1,897,600
89-41002	Meter Capacity Charges	1,509,255	1,538,200	1,652,524	778,100
89-42050	Contributions In Kind	248,484	0	0	0
89-44202	Annex Capital Fees	0	0	0	0
Total Capital Improvement Charges		1,757,739	1,538,200	1,652,524	778,100
TOTAL REVENUE		48,150,545	51,117,950	46,743,724	53,260,050



Valley Center Municipal Water District

Recap of Budget Expenses All Budgeted Funds

	2021-2022	2022-2023		2023-2024
	Actual	Budget	Estimated Actual	Budget
EXPENSE RECAP BY DEPARTMENT				
General Fund				
General Administration	\$900,151	\$946,420	\$868,030	\$956,562
Finance	1,096,755	2,739,398	2,695,723	2,655,513
Information Technology	1,040,379	1,002,679	1,040,504	1,069,927
Engineering	2,287,312	2,055,044	2,153,883	2,215,932
Operations & Facilities	7,751,152	8,040,130	7,985,449	8,045,994
Source of Supply	29,725,263	31,303,162	29,051,649	33,395,749
Total Operating	\$42,801,012	\$46,086,833	\$43,795,238	\$48,339,677
Capital Projects	2,618,568	6,049,000	12,014,499	4,707,750
Total General Fund	\$45,419,580	\$52,135,833	\$55,809,737	\$53,047,427
Lower Moosa Wastewater Treatment	2,104,498	1,749,285	2,473,999	2,863,849
Woods Valley Wastewater Expansion	1,311,567	507,481	4,247,961	484,988
Woods Valley Wastewater Treatment	943,337	1,061,288	1,166,326	1,940,057
Total Wastewater	\$4,359,402	\$3,318,054	\$7,888,286	\$5,288,894
Grand Total	\$49,778,982	\$55,453,887	\$63,698,023	\$58,336,321
EXPENSE RECAP BY FUNCTION				
General Fund				
Operating	\$42,750,281	\$46,039,596	\$43,748,001	\$48,294,804
Debt Service	50,731	47,237	47,237	44,873
Capital Projects	2,618,568	6,049,000	12,014,499	4,707,750
Total General Fund	\$45,419,580	\$52,135,833	\$55,809,737	\$53,047,427
Lower Moosa Wastewater Fund				
Operating	1,624,945	1,477,490	1,558,176	1,394,349
Capital Projects	479,553	271,795	915,823	1,469,500
Total Lower Moosa Wastewater Fund	2,104,498	1,749,285	2,473,999	2,863,849
Woods Valley Wastewater Fund				
Operating	880,613	938,493	951,682	1,115,757
Capital Projects	62,724	122,795	214,644	824,300
Total Woods Valley Wastewater Fund	943,337	1,061,288	1,166,326	1,940,057
Woods Valley Expansion Fund				
Operating	70,713	78,000	78,000	80,000
Debt Service	438,957	429,481	429,481	404,988
Capital Projects	801,897	0	3,740,480	0
Total Woods Valley Expansion Fund	\$1,311,567	\$507,481	\$4,247,961	\$484,988
Total Wastewater	\$4,359,402.00	\$3,318,054.00	\$7,888,286.00	\$5,288,894.00
Grand Total	\$49,778,982	\$55,453,887	\$63,698,023	\$58,336,321



Valley Center Municipal Water District

History of Water Purchased and Sold 1988-1989 through 2023-2024

WATER PURCHASED - Acre Feet

YEAR	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	TOTAL
89-90	7,076.1	6,686.1	6,255.6	4,890.2	4,777.0	4,419.5	1,513.3	1,022.5	2,823.6	2,914.4	5,126.0	5,030.5	52,534.8
90-91	7,407.1	6,803.4	6,949.6	6,123.1	4,273.9	3,740.2	2,299.9	3,266.8	348.5	1,680.7	3,646.1	3,814.9	50,354.2
91-92	4,479.1	4,623.0	4,713.1	4,888.7	3,789.4	1,930.6	1,368.9	1,091.8	388.6	2,260.8	3,954.0	4,799.5	38,287.5
92-93	5,922.2	6,130.2	5,936.6	4,648.7	3,432.6	979.0	516.5	132.2	1,056.5	2,710.5	4,080.8	3,968.5	39,514.3
93-94	4,588.9	4,934.7	4,582.2	3,899.8	2,132.8	1,571.9	2,406.0	385.0	877.1	1,873.0	2,171.8	4,375.4	33,798.6
94-95	4,829.2	5,447.0	4,745.3	3,869.4	2,104.8	1,921.0	181.1	737.6	393.0	1,522.1	1,915.2	3,060.5	30,726.2
95-96	4,615.4	5,329.8	5,214.9	3,891.6	2,899.9	1,982.8	1,876.6	524.4	1,091.5	3,113.5	3,964.4	4,317.2	38,822.0
96-97	5,286.9	5,563.8	4,729.4	4,121.5	1,862.7	693.3	237.7	1,142.5	2,994.2	3,334.2	4,490.8	4,286.9	38,743.9
97-98	4,992.9	5,537.3	4,321.1	3,838.6	2,068.6	896.8	641.6	207.2	871.0	1,027.3	1,470.5	3,327.7	29,200.6
98-99	5,054.0	5,587.1	4,666.7	4,102.4	2,375.3	1,568.2	2,220.3	1,459.1	2,200.5	2,182.5	3,755.1	4,023.9	39,195.1
99-00	5,304.4	5,552.4	4,833.7	5,544.5	3,993.3	3,888.1	2,911.9	1,374.0	1,899.2	3,341.9	4,615.7	5,290.8	48,549.9
00-01	5,888.9	6,364.2	5,683.8	3,911.5	3,090.6	3,846.9	1,680.8	978.0	1,386.0	2,227.3	4,383.2	5,156.3	44,597.5
01-02	5,533.3	5,998.9	5,298.0	5,070.1	2,910.0	1,441.5	3,044.3	3,216.4	3,204.0	3,657.5	4,747.0	5,403.1	49,524.1
02-03	5,995.0	6,024.9	5,877.3	4,586.9	3,014.9	1,713.3	3,207.5	1,489.0	1,277.3	2,547.1	3,783.6	4,158.0	43,674.8
03-04	6,061.1	6,467.7	5,766.5	5,517.0	2,922.9	2,742.6	3,178.0	1,282.9	3,201.1	3,978.4	5,740.7	5,322.7	52,181.6
04-05	6,222.8	5,973.1	6,053.1	2,872.2	1,183.1	1,812.0	478.4	659.4	894.3	3,288.1	4,018.9	4,649.2	38,104.6
05-06	5,837.3	5,835.5	5,302.0	3,708.3	3,950.8	3,642.9	2,744.7	2,464.8	624.6	1,512.7	3,804.0	5,339.3	44,766.9
06-07	6,593.1	5,778.2	5,751.0	4,292.3	4,387.2	2,021.6	3,654.3	1,247.2	3,348.2	3,449.4	4,822.0	5,166.9	50,511.4
07-08	5,805.6	5,975.0	5,176.6	4,768.7	3,707.3	880.7	596.8	464.4	2,139.8	3,134.1	2,895.5	3,955.3	39,499.8
08-09	4,226.7	4,204.1	3,923.1	4,106.1	2,800.9	1,035.2	1,822.3	827.7	2,387.7	2,863.2	3,542.7	3,041.3	34,781.0
09-10	4,133.6	4,234.1	4,257.0	3,334.0	2,853.2	833.2	927.4	289.8	1,442.2	1,249.6	2,772.4	3,195.9	29,522.4
10-11	3,631.9	3,860.2	3,696.5	1,833.6	1,597.5	1,122.0	1,057.6	991.0	695.9	1,830.7	2,424.4	2,932.9	25,674.2
11-12	3,716.7	3,731.7	3,379.6	2,694.2	1,050.4	1,490.1	1,847.9	1,557.1	1,170.6	1,419.9	2,518.5	3,145.9	27,722.6
12-13	3,528.0	3,966.9	3,621.2	2,857.9	2,217.7	874.7	1,177.6	960.7	1,726.5	2,420.3	2,716.1	3,170.2	29,237.8
13-14	3,301.1	3,333.3	3,299.3	2,223.1	1,717.7	1,776.9	2,369.7	1,719.5	1,418.0	2,270.1	3,197.4	2,980.5	29,606.6
14-15	3,246.9	3,125.7	3,303.5	2,968.0	2,004.6	569.0	1,124.1	1,541.4	1,845.7	2,214.3	1,401.2	2,253.7	25,598.1
15-16	1,903.3	2,491.5	1,956.2	1,869.2	1,508.4	993.7	620.7	1,387.2	1,205.0	1,519.0	1,732.2	2,470.3	19,656.7
16-17	2,798.2	2,734.0	2,246.7	2,230.4	1,671.4	761.7	276.1	337.7	1,226.1	1,941.4	1,617.2	2,378.1	20,219.0
17-18	2,617.1	2,535.1	2,364.3	2,362.0	1,775.6	1,873.7	1,152.4	1,263.8	690.7	1,803.2	1,888.4	2,199.9	22,526.2
18-19	2,847.7	2,627.3	2,278.2	1,690.3	1,544.0	541.2	430.7	289.1	490.6	1,506.8	1,049.4	1,871.0	17,166.3
19-20	2,278.7	2,440.2	2,197.7	2,026.5	1,242.9	301.5	697.2	965.9	409.7	585.7	1,738.2	1,799.6	16,683.8
20-21	2,154.8	2,354.6	2,395.0	2,061.5	1,254.8	1,211.1	796.8	822.7	674.3	1,509.4	1,690.1	1,936.7	18,861.8
21-22	2,038.5	2,105.2	1,830.4	1,237.0	1,513.9	601.2	860.9	1,094.1	896.2	1,369.1	1,699.0	1,885.8	17,131.3
22-23	2,083.1	2,212.9	1,929.3	1,567.8	866.8	656.5	270.5	497.2	176.3	1,000.0 *	1,894.0 *	2,165.6 *	15,320.0 *
23-24	2,002.0 *	2,178.0 *	2,253.0 *	1,797.0 *	1,644.0 *	1,114.0 *	752.0 *	787.0 *	622.0 *	876.0 *	1,362.0 *	1,633.0 *	17,020.0 *
AVERAGE FIRST 6 MONTHS						21,451.6	AVERAGE LAST 6 MONTHS						34,570.0
						62.05%							100.00%

WATER SOLD - Acre Feet

YEAR	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	TOTAL	
89-90	6,311.7	6,279.5	6,257.1	5,351.0	4,596.1	3,906.8	2,255.1	1,326.8	1,439.2	2,924.5	3,886.8	4,002.6	48,537.2	
90-91	6,273.1	6,243.0	6,415.6	6,045.7	4,939.7	3,333.2	2,262.9	3,139.4	1,257.4	655.9	2,588.9	3,513.9	46,668.7	
91-92	3,822.2	3,846.7	4,740.0	4,562.5	3,654.4	2,866.6	903.4	1,506.6	520.4	767.3	3,430.0	3,767.7	34,387.8	
92-93	5,311.0	5,527.2	5,529.9	5,729.0	3,298.1	2,094.3	431.0	205.4	542.8	1,535.3	3,510.5	3,410.2	37,124.7	
93-94	4,614.4	4,227.5	4,591.6	3,928.3	3,023.5	1,496.8	2,430.7	867.6	748.7	1,267.2	1,451.7	3,156.4	31,804.4	
94-95	4,800.7	4,564.8	5,130.8	3,947.2	2,779.1	2,094.3	695.8	395.4	486.5	1,040.1	1,321.5	2,507.6	29,763.8	
95-96	3,908.3	4,394.7	5,697.9	3,850.9	3,126.2	2,459.2	2,078.4	694.7	541.8	2,060.1	3,680.3	3,802.5	36,295.0	
96-97	4,607.2	5,026.2	5,376.3	3,826.9	3,022.0	800.9	397.7	578.3	1,970.9	2,985.4	3,855.3	4,209.7	36,656.8	
97-98	4,566.5	4,809.3	5,163.0	3,338.3	3,304.4	802.0	973.2	355.9	438.1	618.9	1,375.8	2,261.1	28,006.5	
98-99	4,137.4	4,973.8	5,283.6	4,042.6	2,970.1	1,545.2	2,462.3	956.0	2,061.6	1,668.0	3,039.8	3,541.7	36,682.1	
99-00	4,654.8	4,919.7	5,376.5	4,827.9	4,508.1	3,480.2	3,424.3	2,413.0	809.4	3,105.6	3,574.2	4,922.9	46,016.6	
00-01	5,008.6	6,061.1	5,868.0	4,349.5	2,985.2	3,428.2	2,969.7	1,191.4	483.0	1,754.6	3,348.5	4,554.9	42,002.7	
01-02	4,893.5	5,664.6	5,568.1	4,774.4	4,237.6	1,675.2	2,075.0	3,069.6	3,309.7	2,917.2	3,909.2	5,053.2	47,147.3	
02-03	5,110.0	6,081.5	5,590.0	5,187.1	3,374.5	2,681.1	1,915.4	2,787.0	508.3	2,292.3	2,483.5	4,059.9	42,070.6	
03-04	4,858.7	6,156.9	5,823.1	5,130.8	4,085.7	2,947.0	2,484.3	2,428.3	1,715.0	3,488.0	4,821.4	5,396.8	49,336.0	
04-05	5,156.8	5,801.5	6,036.9	4,961.1	1,018.2	1,434.1	1,013.1	690.3	563.6	2,114.7	2,785.1	4,514.3	36,089.7	
05-06	4,910.9	5,389.9	5,646.3	4,597.6	2,952.1	3,787.6	2,412.1	2,157.4	1,245.5	765.4	2,615.6	4,247.7	40,728.1	
06-07	5,550.1	6,036.5	5,807.0	4,504.7	4,066.5	3,266.8	2,569.9	2,664.1	1,876.4	3,252.9	3,744.2	4,746.0	48,085.1	
07-08	4,994.6	5,759.9	5,684.4	4,293.7	4,234.4	2,140.2	986.1	277.6	913.4	2,480.1	3,236.7	2,635.1	37,636.2	
08-09	3,884.3	3,956.4	3,871.8	3,878.8	3,322.6	1,944.4	1,012.1	1,461.0	1,165.6	2,392.0	3,205.4	2,919.7	33,014.1	
09-10	3,358.6	4,022.6	4,170.3	3,545.3	2,920.4	1,782.5	1,172.9	331.0	371.0	1,747.8	1,595.8	2,819.1	27,837.3	
10-11	3,213.1	3,337.8	3,857.1	3,205.7	1,337.5	3,119.3	517.3	1,405.7	529.8	1,017.3	2,091.4	2,310.2	24,142.2	
11-12	3,388.5	3,221.0	3,732.9	2,705.0	1,896.2	1,128.4	1,809.4	1,412.2	1,390.1	1,019.2	1,500.6	2,887.0	26,090.5	
12-13	3,005.0	3,534.6	3,628.8	3,185.0	2,462.3	1,658.4	700.8	1,062.1	1,087.2	1,897.9	2,309.9	2,838.9	27,370.9	
13-14	3,197.2	3,029.9	3,297.4	2,706.0	1,999.9	1,343.3	1,962.3	2,117.6	1,206.5	1,813.5	2,590.9	2,817.6	28,082.1	
14-15	3,066.4	3,086.2	3,048.6	3,051.5	2,325.7	1,211.5	677.7	1,309.4	1,109.0	2,236.9	1,951.8	1,436.7	24,511.4	
15-16	2,252.4	1,748.7	2,356.2	1,678.6	1,613.3	1,410.9	601.2	844.1	1,150.6	1,489.2	1,422.1	1,802.2	18,369.5	
16-17	2,766.8	2,436.2	2,558.9	2,087.6	2,020.2	1,252.9	323.5	269.5	388.7	1,538.4	1,571.4	2,025.1	19,239.2	
17-18	2,449.0	2,245.4	2,661.5	1,965.0	2,022.6	1,885.3	1,308.2	1,424.5	692.7	1,090.0	1,687.4	2,066.3	21,497.9	
18-19	2,181.1	2,666.1	2,436.2	1,671.3	1,801.7	820.9	462.3	316.7	207.2	863.5	1,414.3	1,275.0	16,116.3	
19-20	1,762.5	2,425.8	2,184.8	1,827.0	2,100.9	418.8	467.8	738.8	670.2	266.5	1,174.6	1,653.2	15,690.9	
20-21	1,940.2	2,052.4	2,269.6	2,295.2	1,337.0	1,259.2	1,068.1	528.8	723.2	1,163.5	1,343.9	1,701.6	17,682.7	
21-22	1,996.3	1,822.5	2,041.6	1,461.9	1,188.7	1,260.6	473.6	987.1	822.0	1,090.6	1,388.7	1,673.4	16,207.0	
22-23	1,929.6	1,912.5	2,177.9	1,600.8	1,091.7	874.1	414.9	339.6	287.8	899.0 *	1,310.0 *	1,562.1 *	14,400.0 *	
23-24	1,883.0 *	2,048.0 *	2,117.0 *	1,689.0 *	1,545.0 *	1,047.0 *	707.0 *	739.0 *	585.0 *	824.0 *	1,281.0 *	1,535.0 *	16,000.0 *	
AVERAGE FIRST 6 MONTHS						21,399.4	AVERAGE LAST 6 MONTHS						10,917.6	32,317.0
						66.22%							33.78%	100.00%
*ESTIMATED														

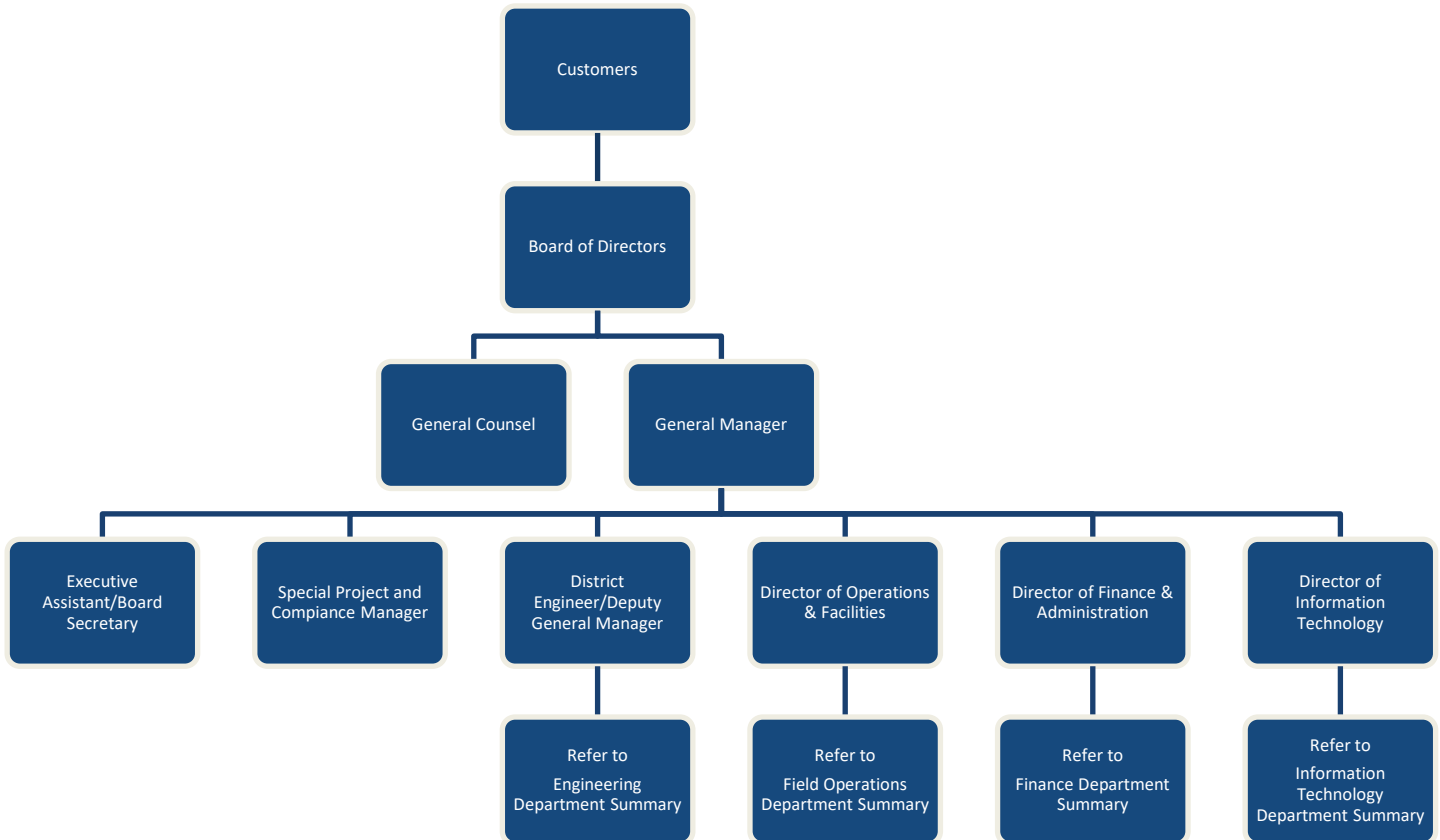


Valley Center Municipal Water District

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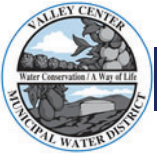


General Administration



Personnel Requirements (FTE's)

	<i>Actual FY 2022-23</i>	<i>Budget FY 2022-23</i>	<i>Proposed FY 2023-24</i>
General Manager	1.0	1.0	1.0
Executive Assistant/Board Secretary	1.0	1.0	1.0
Special Project and Compliance Manager	1.0	1.0	1.0
Total	3.0	3.0	3.0



DEPARTMENT DESCRIPTION

The General Administrative Department provides leadership for the entire agency. It is charged with and responsible for the long-term visioning and planning for the agency as well as overall management of all District activities and programs in compliance with Board direction and policy. All the efforts of the General Administrative Department are aimed toward fulfilling the District's mission to ***"Ensure Customer Satisfaction Through Quality Service at the Lowest Possible Cost,"*** and at all times, ***"Meets"*** or ***"Exceeds"*** customer expectations.

Fiscal Year 2022-2023 Recent Accomplishments & Performance Indicators	Performance Standard	Strategic Plan Goal*					
		Water Supply	Infrastructure	Finance	Technology	Energy	Compensation & Benefits
Responded to state mandates to implement Level 2 Drought Measures.		✓					
Worked with key staff to establish, implement and modify workplace protocols to deal with the ongoing operational and fiscal impacts of the COVID-19 Pandemic.				✓			
Continued forward with the financing and implementation of the District CIP by securing additional SRF loan funds.				✓			
Oversaw development and implementation of several technological projects, including AMI, CMMS, and WaterSmart as well as completion of the 2020 Urban Water Management Plan Update and the American Water Infrastructure Assessment Report,					✓		
Participated in advocacy workgroups to provide input on Water Use Efficiency Regulations (SB 606 and AB 1668), Water Loss Regulations (SB 555) and California Air Resources Board All Clean Fleets Rule.		✓					
Oversaw and participated in successful effort to seek and secure federal infrastructure funds of \$3.06 million.			✓				
Continued to work toward implementation of two new Photovoltaic Solar Array Projects, Corporate Facility, and Lower Moosa Canyon WRF, as recommended in the 2019, "Comprehensive Energy Program Analysis and Strategic Plan."						✓	

DEPARTMENT PERFORMANCE STANDARDS

Strategic Plan Goal	Standard No.	Performance Standard Description	Trend	Annual Target/Goal	Calendar Year		
					2021 Actual	2022 Actual	2023 Projection
Water Supply	1	Customer Satisfaction		>95%	100%	100%	≥95%

* See page 1-23 of this Budget document for the full Strategic Plan.



Fiscal Year 2023-2024 Goals & Objectives	Performance Standard	Strategic Plan Goal*					
		Water Supply	Infrastructure	Finance	Technology	Energy	Compensation & Benefits
Continue to control and where possible reduce local costs through technology, including implementation of electronic asset management and data deployment systems.				✓			
Continue to advocate for cost and rate control at the wholesale level and seek to maintain appropriate pricing and support programs for agriculture within the MWD and SDCWA service areas.				✓			
Where appropriate, monitor and participate in any CPUC proceedings, including rate activities of SDG&E and Net Energy Metering (NEM -3), on issues which have the potential to directly or indirectly impact the District's operations.						✓	
Communicate to District customers the importance of continuing water efficient practices and alerting them to the impacts of new and proposed state legislation and regulations.		✓					
Seek to secure funds from state and federal sources (State SRF and Federal Bureau of Reclamation) sufficient to help support the Capital Improvement Projects identified for construction in Fiscal Year 2023-2024, based upon the updated Water System Master Plan as set forth in the 2019 Long Range Financial Strategy.		✓		✓			
Oversee the Computerized Maintenance Management System (CMMS) Phase 3 implementation.					✓		
Maintain and, where possible, enhance the efficiency of the organization by seeking out and implementing current technology and new methods to manage, operate and maintain the water and wastewater systems as cost-effectively as possible while maintaining safe, reliable and responsive service at all times.		✓		✓	✓	✓	
Act and advocate to preserve local financial resources for local purposes and oppose efforts by the state to impose water fees and taxes directly on the District's customer base.		✓					
Advocate and protect appropriate wholesale revenue and rate equity for all customer classes.				✓			
Through proper staffing and expertise levels, focused training, and securing appropriate technological capabilities and capacities, maintain effective levels of service and cost control.		✓		✓			
Continue to prepare and advocate for reasonable implementation of Long-term Water Use Efficiency and Water Supply and Contingency Planning (SB 606 & AB 1668).		✓					
Continue to prepare and advocate for reasonable implementation of Water Loss Regulation (SB 555).		✓					
Re-assess the District's long-term Corporate Facility needs and identify options and relative feasibility regarding expanded development of the existing site and Lilac Road Property		✓					
Implement the vision, adopted policies and adopted Strategic Plan of the Board of Directors.		✓	✓	✓	✓	✓	✓
Oversee, monitor and assist all District departments in pursuing and meeting the Board's vision, adopted policies and Strategic Plan Goals and Performance Measurements.		✓	✓	✓	✓	✓	✓
Plan for the overall future and direction of the agency considering the potential impacts of a rapidly expanding and changing customer base.		✓	✓	✓	✓	✓	✓



Valley Center Municipal Water District

General Administration

Long-Term Goals & Objectives	Performance Standard	Strategic Plan Goal*					
		Water Supply	Infrastructure	Finance	Technology	Energy	Compensation & Benefits
Implement the vision, adopted policies and adopted Strategic Plan of the Board of Directors.		✓	✓	✓	✓	✓	✓
Oversee, monitor and assist all District departments in pursuing and meeting the Board's vision, adopted policies and Strategic Plan Goals and Performance Measurements.		✓	✓	✓	✓	✓	✓
Plan for the overall future and direction of the agency considering the potential impacts of a rapidly expanding and changing customer base.		✓	✓	✓	✓	✓	✓
Enhance the efficiency of the organization by seeking out and implementing current technology and new methods to manage, operate and maintain the water and wastewater systems as cost-effectively as possible while maintaining safe, reliable and responsive service at all times.		✓		✓	✓	✓	
Develop and implement a CIP Program based on the updated 2019 Water Master Plan, and supported by the 2019 Long-Range Financing Plan.			✓	✓			
Act and advocate to preserve local financial resources for local purposes and oppose efforts by the state to impose water fees and taxes directly on the District's customer base.		✓					
Advocate and protect appropriate wholesale revenue and rate equity for all customer classes.				✓			
Oversee the implementation of Long Term Water Use Efficiency Measures and continue to monitor the impact of drought and climate change measures upon the District		✓		✓			
Utilize technology to digitally communicate with customers and enhance customer engagement					✓		



Valley Center Municipal Water District

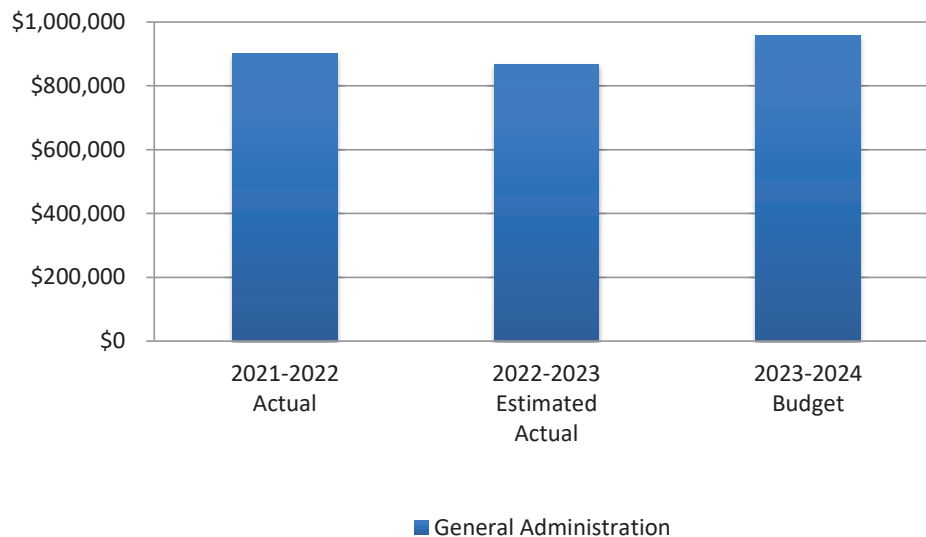
General Administration

Department Summary by Division

Fund	Department
01	01

Division No.	Description	2021-2022	2022-2023		2023-2024
		Actual	Budget	Estimated Actual	Budget
01	General Administration	900,151	946,420	868,030	956,562
TOTAL GENERAL ADMINISTRATION		900,151	946,420	868,030	956,562

Division Expenses





Valley Center Municipal Water District

General Administration

Division Summary by Expense Category

Fund	Department	Division
01	01	01

Account No.	Description	2021-2022	2022-2023		2023-2024
		Actual	Budget	Estimated Actual	Budget
50001	Labor and Benefits - Regular	624,499	619,200	548,710	604,800
50003	Overtime	1,091	1,000	0	1,000
50010	Training & Education	490	1,000	500	1,000
50011	Uniform Allowance	336	750	500	750
50025	Outside Professional Services	100,965	120,500	120,000	125,500
50026	Legal Services	87,455	70,000	87,450	95,000
50028	Printing	637	1,000	1,000	1,000
50029	Books & Subscriptions	1,601	1,000	700	1,000
50030	Special Department Expenses	15,199	17,250	14,000	17,950
50031	Grant Related Expenses (Wellness)	(198)	2,000	0	2,000
50033	Postage	10,833	7,900	7,900	7,900
50034	Membership Fees & Dues	29,464	31,900	31,000	34,000
50035	Directors' Fees	9,600	12,000	9,750	12,000
50036	Directors' Travel & Expenses	4,575	6,000	3,500	6,000
50037	Transportation, Meals & Travel	6,226	10,000	8,000	10,000
50039	Public Information and Notices	14,066	11,500	11,500	11,500
50083	Unclassified - Contingency Fund	16,500	40,000	40,000	20,000
50184	Water Conservation Program	100	13,400	5,000	22,000
50189	LAFCO Budget Assessment	25,296	32,000	30,500	36,000
50454	Maintenance of Equipment	454	500	500	500
50991	Expense Credit	(49,038)	(52,480)	(52,480)	(53,338)
Total		900,151	946,420	868,030	956,562



Valley Center Municipal Water District

General Administration

Division Detail

Fund	Department	Division
01	01	01

Total Budget Request**\$956,562**

Account No.	Detail and Justification		Budget Request
50001	Labor & Benefits - Regular		604,800
	Full-Time Equivalents	2.10	
50003	Overtime		1,000
50010	Training & Education		1,000
	Allocation from General Administration Training 01-02-18 Page 6-8A		
50011	Uniform/Clothing/Shoes		750
	Uniform Allowance		
50025	Outside Professional Services		125,500
	Federal Representation	110,000	
	Energy Consultation	15,500	
50026	Legal Services		95,000
	General Counsel's Services	95,000	
50028	Printing		1,000
	Forms and Business Cards	500	
	Miscellaneous	500	
50029	Books & Subscriptions		1,000
	Books, newspapers, periodicals and pamphlets	1,000	
50030	Special Department Expenses		17,950
	Service Recognition Awards and Pins	3,600	
	Employees Retirement and Appreciation Awards	2,500	
	Suggestion Awards	2,000	
	Awards Presentation Luncheon	3,000	
	Staff Meeting Supplies	1,500	
	District Contribution - VCEA Events	3,000	
	Manager's Employee of the Year Award/Plaque	1,000	
	Employee of the Quarter Awards	750	
	Miscellaneous & Office Supplies	450	
	Notary Supplies	150	
50031	Grant Related Expenses		2,000
	Wellness Grant District Contribution	2,000	



Valley Center Municipal Water District

General Administration

Division Detail

Fund	Department	Division
01	01	01

Account No.	Detail and Justification	Budget Request
50033	Postage	7,900
	General Correspondence	6,000
	Bill Insert Postage	500
	Post Office Box Fees	450
	Postage Chip Update	300
	Postage Machine Supplies	300
	Business Reply - Customer Comment Cards	100
	Permit #2 Business Reply	250
50034	Membership Fees & Dues	34,000
	Association of California Water Agencies	25,000
	American Water Works Association	4,000
	California Municipal Utilities Association	4,200
	California Farm Water Coalition	250
	Valley Center Chamber of Commerce	150
	California Special Districts Association	150
	Farm Bureau, San Diego County	100
	Valley Center Business Association	100
	Auto Club	50
50035	Directors' Fees	12,000
50036	Directors' Travel & Expense	6,000
	Conferences/Seminars/JPIA Mtgs/ACWA Region 10	
50037	Transportation, Meals & Travel, FastTrak	10,000
	Conferences and Meetings	10,000
50039	Public Information and Notices	11,500
	Water Use Efficiency Communications	3,500
	Customer Information Material	2,500
	Display Boards - Upkeep/revisions	2,000
	Legal/Public Notices	3,000
	Miscellaneous	500
50083	Unclassified - Contingency Fund	20,000



Valley Center Municipal Water District

General Administration

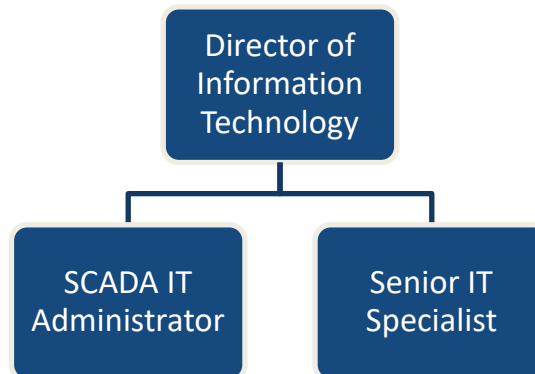
Division Detail

Fund	Department	Division
01	01	01

Account No.	Detail and Justification	Budget Request
50184	Water Conservation Program	22,000
	California Water Efficiency Partnership	2,100
	Water Conservation Materials	2,400
	WaterSmart Field Services Program	12,500
	Landscape Irrigation Classes	400
	Printing	1,300
	Public Outreach	1,300
	Water Education Programs -	
	Poster Contest	1,000
	School Program	1,000
50189	Local Agency Formation Commission (LAFCO)	36,000
	Budget Assessment	36,000
50454	Maintenance of Equipment	500
	Adding Machines, Transcriber, Postage Machine, Board Room Recorder and Assistive Listening Device	
50991	Expense Credit	(53,338)
	Reimbursement from Sewer Funds for Administrative Overhead	



Information Technology



Personnel Requirements (FTE's)

	<i>Actual FY 2022-23</i>	<i>Budget FY 2022-23</i>	<i>Proposed FY 2023-24</i>
Director of Information Technology	1.0	1.0	1.0
SCADA/IT Systems Administrator	1.0	1.0	1.0
Senior IT Specialist	1.0	1.0	1.0
Total	3.0	3.0	3.0

DEPARTMENT DESCRIPTION

The Information Technology Department provides comprehensive technology planning, development, integration, operation, and support to all areas of the District to maximize efficiency. This includes the entire network communications infrastructure throughout the District, servers and workstations, SCADA communications and control systems, mobile devices, database systems, data storage, telecommunications, and video surveillance security systems.

The 2019 Water Master Plan Update identified over \$77 million of repairing and replacement capital projects. Many of these projects require the integration of technology with existing systems while minimizing downtime during the deployment and conversion process. The challenge is to implement the changes quickly and cost effectively while providing reliable and continuous system operation. As the lifecycle of systems installed in the previous years is starting to end, the software and components will need to be updated or replaced near the end of the lifecycle, which will continuously present a challenge due to the ever-increasing amount of technology and connected devices present in the District.

To enhance efficiency and improve data processing activities, staff has deployed various data processing systems such as computerized asset maintenance and management, electronic signatures, automated meter reading, and provided customers a new customer portal for enhanced visibility to their water usage. A new Enterprise Resource Planning (ERP) software was deployed that offers the District significantly better capabilities with financial processing and reporting. Work continues to upgrade and enhance these systems



Fiscal Year 2022-2023 Recent Accomplishments & Performance Indicators	Performance Standard	Strategic Plan Goal*					
		Water Supply	Infrastructure	Finance	Technology	Energy	Compensation & Benefits
GIS staff has deployed web maps and user portals within the software, and GIS databases and maps have been integrated with the Asset Management System. The system is being continuously enhanced and actively used by District personnel.					✓		
Customers can view their bill information and pay their bills over the internet. As of May 25, 2023, there are approximately 4,957 customer accounts registered and utilizing the system, of which 1,215 have elected to no longer receive paper bills in the mail.					✓		
Wireless network communications infrastructure is now operational at all major facilities, which extends network coverage to 67 remote sites, including several solar generating sites. The network is being continuously enhanced with faster and more reliable radio technology.					✓		
Staff upgraded WiFi access at major facilities, adding capacity, availability, and performance to the system. WiFi access provides enhanced mobility and access to online resources.					✓		
Staff upgraded the computing infrastructure by deploying a new server cluster to the District main data center. The server cluster has greatly expanded data storage capacity, higher performance, and automatic failover capabilities.					✓		
Staff enhanced the live streaming platform in the Boardroom with additional cameras, better audio, and deployed a new live streaming software. The system is also integrated with WebEx Meetings platform.					✓		
Staff upgraded the District's connectivity to the Internet, providing 5x speed improvement over previous connection. Staff also enhanced redundancy by adding an additional failover to a secondary circuit.					✓		
Staff migrated the Enterprise Resource Planning (ERP) software to a new cloud-based system. The system provides up-to-date functionality for regulatory requirements, additional reporting capabilities, and better accessibility to the system by a mobile workforce.					✓		
Staff continues to deploy new IP network-based high definition video surveillance technology to local and remote facilities. The technology has been deployed at corporate offices as well as 55 remote sites. The system consists of high definition multi-megapixel cameras that include full night vision, AI-based event tracking and notification, and continuous local and remote recording capabilities. The system allows remote site monitoring by operations personnel 24 hours a day.					✓		
Staff continues to deploy the new asset management system. The system integrates with the District's GIS system and provides remote workers the ability to view and enter data remotely from the field. Completed modules include: Assets/Inventory, Water Distribution Maintenance, Dig Alerts, Service and Work Orders, Inspections, Workflows, and standard report templates.					✓		

* See page 1-23 of this Budget document for the full Strategic Plan.



Fiscal Year 2023-2024 Goals & Objectives	Performance Standard	Strategic Plan Goal*					
		Water Supply	Infrastructure	Finance	Technology	Energy	Compensation & Benefits
Continue GIS expansion, enhancement, and utility – Ongoing Effort					✓		
Staff is continuing to upgrade SCADA industrial control system (ICS) software District-wide. Staff has completed SCADA control system software upgrades at the water reclamation facilities, with Woods Valley WRF completed in Fiscal Year 2017-18, Moosa WRF upgrade completed in 2021-22, and the water control system in the corporate office scheduled for upgrade starting 2022-23 and beyond.					✓		
Staff will start implementing a new Enterprise Resource Planning (ERP) software that will meet the needs of the District and start the implementation during Fiscal Year 2022-23. The new software will provide better data integration across different modules and outside systems resulting in better operating efficiencies, improve payment processing activities, and provide enhanced financial reporting capabilities.					✓		
Staff will continue to implement asset management system that supports mobile users, have better usability, and integrates with existing GIS, financial, and other databases in the District. The first phase of deployment has been completed, subsequent phases will continue throughout 2022-2023, with full data deployment capabilities scheduled to be implemented during the following fiscal years.					✓		

Long-Term Goals & Objectives	Performance Standard	Strategic Plan Goal*					
		Water Supply	Infrastructure	Finance	Technology	Energy	Compensation & Benefits
Evaluate and incorporate new technologies which increase organizational efficiency, reduce costs and wherever possible, enhance customer satisfaction.					✓		

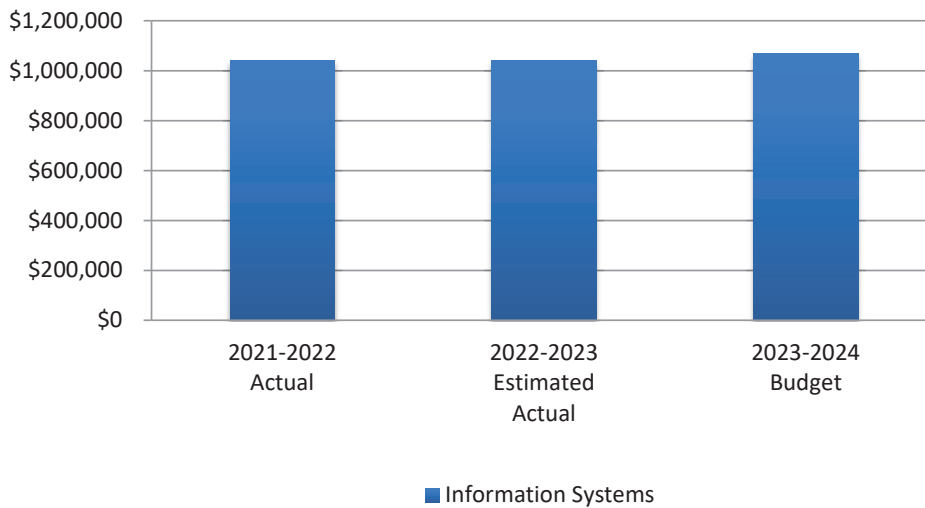


Department Summary by Division

Fund	Department
01	05

Division No.	Description	2021-2022	2022-2023		2023-2024
		Actual	Budget	Estimated Actual	Budget
13	Information Systems	1,040,379	1,002,679	1,040,504	1,069,927
TOTAL INFORMATION SYSTEMS		1,040,379	1,002,679	1,040,504	1,069,927

Division Expenses





Division Summary by Expense Category

Fund	Department	Division
01	05	13

Account No.	Description	2021-2022	2022-2023		2023-2024
		Actual	Budget	Estimated Actual	Budget
50001	Labor & Benefits - Regular	881,780	771,100	831,180	835,800
50003	Overtime	809	4,500	3,500	4,500
50010	Training & Education	125	3,500	500	3,500
50011	Uniform Allowance	1,008	1,020	1,015	1,025
50025	Outside Professional Services	3,860	5,000	2,000	5,000
50028	Printing	32,538	37,000	37,000	38,000
50029	Memberships & Subscriptions	260	260	260	260
50030	Special Department Expenses	22,932	27,000	27,000	28,500
50032	Telephone and Communications	16,571	24,000	21,000	25,000
50037	Transportation, Meals & Travel	0	500	150	500
50040	Rents and Leases	12,991	13,600	13,500	14,000
50341	Hazardous Waste Disposal Cost	0	500	200	500
50454	Maintenance of Equipment	29,349	33,500	35,000	43,000
50469	Maintenance Agreements & Contracts	91,857	138,000	125,000	130,000
50991	Expense Credit	(53,701)	(56,801)	(56,801)	(59,658)
Total		1,040,379	1,002,679	1,040,504	1,069,927



Valley Center Municipal Water District

Information Technology

Division Detail

Fund	Department	Division
01	05	13

Total Budget Request
\$1,069,927

Account No.	Detail and Justification	Budget Request
50001	Labor & Benefits - Regular	835,800
	Full-Time Equivalents 2.90	
50003	Overtime	4,500
50010	Training & Education	3,500
	Allocation from General Administration Training 01-02-18 Page 6-8A	
50011	Uniform Allowance	1,025
50025	Outside Professional Services	5,000
50028	Printing	38,000
50029	Memberships & Subscriptions	260
50030	Special Department Expenses	28,500
	Computer Workstation Replacements 11,000	
	Software and Hardware 6,500	
	Infrastructure Upgrades 11,000	
50032	Telephone and Communications	25,000
50037	Transportation, Meals & Travel	500
50040	Rents and Leases	14,000
	Backup Tape Archive Storage 3,050	
	Repeater Site 10,950	
50341	Hazardous Waste Disposal Costs	500
50454	Maintenance of Equipment	43,000
	Server Repair 9,000	
	Workstation and Laptop Repair 1,500	
	Printer Maintenance 2,000	
	Network Infrastructure Repair 9,000	
	Telephone Equipment Repair 1,000	
	Facsimile Machines 500	
	SCADA Infrastructure 3,000	
	Fire Suppression System 500	
	Video Surveillance Repair 7,500	
	Miscellaneous 1,000	
	Wireless Infrastructure 8,000	



Valley Center Municipal Water District

Information Technology

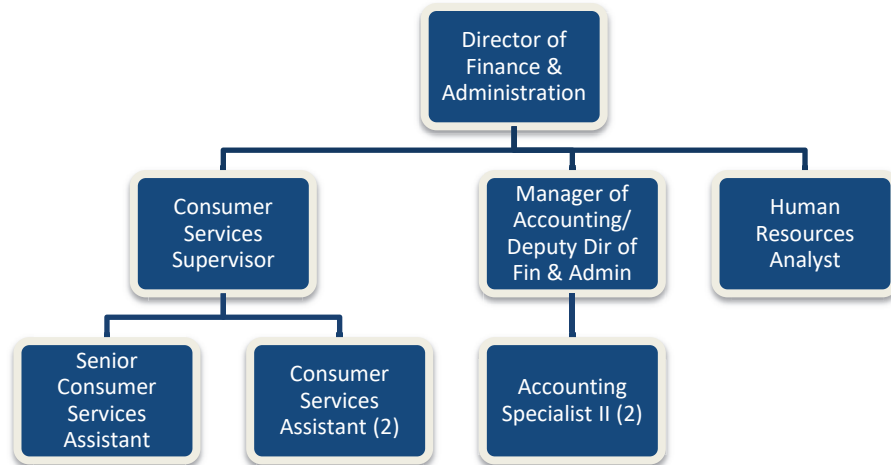
Division Detail

Fund	Department	Division
01	05	13

Account No.	Detail and Justification	Budget Request
50469	Maintenance Agreements and Contracts	130,000
	ERP System	67,000
	Endpoint Security Systems	1,500
	Network Security Systems	6,000
	Network Management Systems	3,500
	Content Filtering	3,500
	Backup and Data Storage	4,500
	Telecommunication Systems	14,000
	Website Content Management	2,000
	Asset Management System	28,000
50991	Expense Credit	(59,658)
	Reimbursement from Sewer Funds for Administrative Overhead	



Finance



Personnel Requirements (FTE's)

	<i>Actual FY 2022-23</i>	<i>Budget FY 2022-23</i>	<i>Proposed FY 2023-24</i>
Director of Finance & Administration/Treasurer	1.0	1.0	1.0
Manager of Accounting/Deputy Dir. Of Finance & Admin.	0.0	0.0	1.0
Manager of Accounting	1.0	1.0	0.0
Accounting Specialist II	2.0	2.0	2.0
Human Resources Analyst	1.0	1.0	1.0
Consumer Services Supervisor	1.0	1.0	1.0
Senior Consumer Services Assistant	1.0	1.0	1.0
Consumer Services Assistant	2.0	2.0	2.0
Total	9.0	9.0	9.0



DEPARTMENT DESCRIPTION

The Finance Department provides professional financial planning to the District for the funding of operational costs and capital improvement projects needed to sustain water and wastewater service to its customers. Accounting and auditing services are provided to show clearly and accurately at all times the financial status of the District. The Department invests available assets and manages the District's debt including assessment districts. The Finance Department is also tasked with the responsibility of the Consumer Services Division and the Human Resources Division.

DIVISION DESCRIPTIONS

Administration - The Administration Division administers and supervises the daily functions of the District's Finance Department and includes maintaining the general ledger, preparing monthly, quarterly, and annual financial reports, including the Annual Budget and the Annual Comprehensive Financial Report. This division also coordinates and oversees the annual financial, single and special audits. The Administration Division determines and maintains water and sewer rate structures and ensures rate notification requirements are met.

Consumer Services – The Consumer Services Division is responsible for all activities related utility billing and customer service. The division is in charge of signing customers up for new service, transferring accounts, resolving billing issues or disputes, and terminating service. Staff in this division serve as the face of the District for walk in customers, they receive and post payments, and are first to answer phones and assist customers with billing and service questions. This division works closely with the Meter Services Division to ensure customer concerns are resolved in a timely manner.

Facilities Operation – The Facilities Operation Division is used to track general District expenses related to a variety of insurance coverages, the telephone and answering service for the agency, power costs for the main administrative buildings, and other general expenses.

Human Resources – The Human Resources Division performs a full range of duties related recruitment and selection, classification and compensation, benefits administration and employee relations. Staff in this division are responsible for administering and processing disability and workers compensations claims, coordinating return to work plans, retirements and managing retiree health benefits.

Salary Clearing – Costs incurred by the Salary Clearing Division are transferred to other divisions and funds at 210% of actual productive salary expended to cover the combined expense of salary and fringe benefits, including leave. The labor shown in the balance of the budget includes fringe benefits. Salary charged to outside projects and wastewater funds is at 225% to cover other overhead expenses including administration support labor for payroll and accounting, building maintenance, utilities, and general liability and property insurance.

Emergency Event – The Emergency Event Division was created for the purpose of tracking expenses related directly to the COVID-19 Pandemic. The majority of the actual and budgeted costs are for Emergency Paid Sick Leave mandated by both the Federal and State governments.

Training – Costs incurred by the Training Division are transferred to the specific division that the training occurred. This division is used to easily track and identify total costs of outside training for the District as a whole.

Debt Services – The Debt Services division accounts for the interest expense on debt held by the General District. *Details can be found in the Debt section of the Budget Message.*



Fiscal Year 2022-2023 Recent Accomplishments & Performance Indicators	Performance Standard	Strategic Plan Goal*					
		Water Supply	Infrastructure	Finance	Technology	Energy	Compensation & Benefits
The 2022-23 annual budget received the Award for Excellence in Operational Budgeting by the California Society of Municipal Finance Officers.				✓			
Submitted the 2022 Annual Comprehensive Financial Report for consideration to receive the Certificate of Achievement for Excellence in Financial Reporting from the Government Finance Officers Association (GFOA). Notification is pending.				✓			

DEPARTMENT PERFORMANCE STANDARDS

Strategic Plan Goal	Standard No.	Performance Standard	Trend	Annual Target/Goal	Calendar Year		
					2021 Actual	2022 Actual	2023 Projection
Finance	3	Discretionary Reserves		3-6 months operating and maintenance expenses	6 months	6 months	3-6 months
Finance	4	Return on Investments		>12-month rolling average on U.S. Treasury Bonds	Met	< 12-month	>12-month
Finance	5	Local Share of Total Commodity Costs		< 15% of total commodity cost for Full Price M&I	10.9%	11.0%	11.0%
				< 18% of the certified PSAWR supplies	14.4%	14.6%	14.6%

* See page 1-23 of this Budget document for the full Strategic Plan.



Fiscal Year 2023-2024 Goals & Objectives	Performance Standard	Strategic Plan Goal*					
		Water Supply	Infrastructure	Finance	Technology	Energy	Compensation & Benefits
Continue to maintain discretionary reserves at the maximum six months' operations and maintenance budget.	3			✓			
Meet or exceed the District's investment benchmark of return on investments greater than the 12-month rolling average return on U.S. Treasury bonds.	4			✓			
Maintain the District's share of the total water commodity rate, budgeted as of February 1, 2023, to be no more than 15% of the total commodity cost for domestic customers and 18% for certified agricultural.	5			✓			
Submit the 2023-24 Operating Budget for consideration to receive the Award for Excellence in Operational Budgeting from the California Society of Municipal Finance Officers (CSMFO).				✓			
Submit the 2023 Annual Comprehensive Financial Report for consideration to receive the Certificate of Achievement for Excellence in Financial Reporting from the Government Finance Officers Association (GFOA).				✓			

Long-Term Goals & Objectives	Performance Standard	Strategic Plan Goal*					
		Water Supply	Infrastructure	Finance	Technology	Energy	Compensation & Benefits
Provide ongoing financial analysis to support the District's capital improvement program in a time of reduced water deliveries and increasing wholesale prices.			✓	✓			
Continue to improve procedures to be able to provide information to users as fast and accurately as possible.				✓			

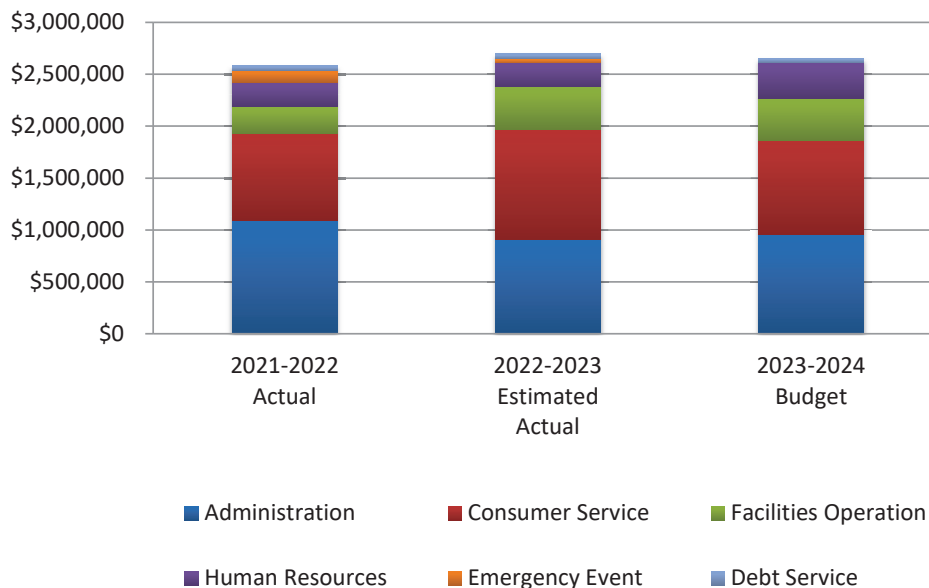


Department Summary by Division

Fund	Department
01	02

Division No.	Description	2021-2022	2022-2023		2023-2024
		Actual	Budget	Estimated Actual	Budget
11	Administration	1,092,102	903,517	908,517	954,763
12	Consumer Service	838,118	1,072,732	1,064,232	908,256
14	Facilities Operation	260,879	412,459	405,084	405,308
15	Human Resources	228,706	255,453	232,053	342,313
16	Salary Clearing	(1,485,920)	0	0	0
17	Emergency Event	112,139	48,000	38,600	0
19	Debt Service	50,731	47,237	47,237	44,873
TOTAL FINANCE		1,096,755	2,739,398	2,695,723	2,655,513

Division Expenses





Valley Center Municipal Water District

Finance Administration

Division Summary by Expense Category

Fund	Department	Division
01	02	11

Account No.	Description	2021-2022	2022-2023		2023-2024
		Actual	Budget	Estimated Actual	Budget
50001	Labor & Benefits - Regular	1,032,904	807,000	827,000	837,800
50002	Temporary Labor	0	16,300	8,000	32,500
50003	Overtime	8,666	15,000	19,000	15,000
50010	Training & Education	849	1,000	900	4,000
50011	Uniform Allowance	3,065	3,200	3,100	3,200
50025	Outside Professional Services	78,503	85,000	84,000	85,000
50028	Printing	0	2,800	1,700	2,400
50029	Subscriptions and Publications	2,522	3,500	3,000	3,500
50030	Special Department Expenses	3,741	4,300	6,000	8,000
50033	Postage	6,756	8,000	2,500	8,000
50034	Membership Fees & Dues	405	600	500	600
50037	Transportation, Meals & Travel	7,730	8,000	4,000	8,000
50991	Expense Credit	(53,039)	(51,183)	(51,183)	(53,237)
Total		1,092,102	903,517	908,517	954,763



Valley Center Municipal Water District

Finance Administration

Division Detail

Fund	Department	Division
01	02	11

Total Budget Request
\$954,763

Account No.	Detail and Justification	Budget Request
50001	Labor & Benefits - Regular	837,800
	Full-Time Equivalents 3.32	
50002	Temporary Labor	32,500
50003	Overtime	15,000
50010	Training & Education	4,000
	Allocation from General Administration Training 01-02-18 Page 6-9A	
50011	Uniform Allowance	3,200
50025	Outside Professional Services	85,000
	Annual District Audit 27,000	
	Single Audit - Other Services 4,000	
	Bank Service Charges 25,000	
	Proposition 218 Notification 10,000	
	OPEB Actuarial Report for GASB 75 Compliance 13,000	
	Availability Charges, Computer Svcs, Notices,& Liens 2,000	
	Other 4,000	
50028	Printing	2,400
	Checks 2,000	
	Business Cards 200	
	Other 200	
50029	Subscriptions and Publications	3,500
	GASB 68 Reports 2,500	
	Government Accounting Standards Board 1,000	
50030	Special Department Expenses	8,000
	Office Supplies 6,000	
	ACFR Applications and Debt Statistics 1,500	
	Budget Application 500	
50033	Postage	8,000
	Proposition 218 Notices 7,500	
	FedEx & Miscellaneous Mailings 500	
50034	Memberships, Fees and Dues	600
	Government Finance Officers Association 250	
	California Municipal Treasurers' Association 200	
	California Society of Municipal Finance Officers 150	



Valley Center Municipal Water District

Finance Administration

Division Detail

Fund	Department	Division
01	02	11

Account No.	Detail and Justification	Budget Request
50037	Transportation, Meals & Travel	8,000
	ACWA Fall & Spring Conference	6,000
	Other	2,000
50991	Expense Credit	(53,237)
	Reimbursement from Sewer Funds for Administrative Overhead	



Valley Center Municipal Water District

Finance Consumer Services

Division Summary by Expense Category

Fund	Department	Division
01	02	12

Account No.	Description	2021-2022	2022-2023		2023-2024
		Actual	Budget	Estimated Actual	Budget
50001	Labor & Benefits - Regular	618,232	626,800	626,800	564,600
50002	Temporary Labor	21,857	32,600	25,000	16,200
50003	Overtime	11,571	28,000	24,000	24,000
50010	Training & Education	0	0	0	2,000
50025	Outside Professional Services	138,766	183,100	187,000	188,000
50028	Printing	439	200	300	300
50030	Special Department Expenses	211	1,800	1,800	1,800
50033	Postage	56,029	60,000	60,000	60,000
50037	Transportation, Meals & Travel	0	1,000	100	2,000
50087	Write Off of Uncollectible Accounts	47,155	200,000	200,000	100,000
50991	Expense Credit	(56,142)	(60,768)	(60,768)	(50,644)
Total		838,118	1,072,732	1,064,232	908,256



Valley Center Municipal Water District

Finance Consumer Services

Division Detail

Fund	Department	Division
01	02	12

Total Budget Request
\$908,256

Account No.	Detail and Justification	Budget Request
50001	Labor & Benefits - Regular	564,600
	Full-Time Equivalents 3.88	
50002	Temporary Labor	16,200
50003	Overtime	24,000
50010	Training & Education	2,000
	Allocation from General Administration Training 01-02-18 Page 6-9A	
50025	Outside Professional Services	188,000
	Payment Processing 98,000	
	Customer Engagement & Analytics Platform 35,000	
	Bill and Notice Preparation 28,000	
	Docusign 7,000	
	18-month Online Bill Retention 6,000	
	Customer Statement Design Fees 3,000	
	Inserts - Programming Charges 3,000	
	Call-Em-All 3,000	
	Advanced Metering Infrastructure Support 5,000	
50028	Printing	300
	Business Cards 300	
50030	Special Department Expenses	1,800
	Office Supplies 300	
	Lien Releases & Recording Fees 1,500	
50033	Postage	60,000
	121,000 Water Bills & Final Notices	
50037	Transportation, Meals & Travel	2,000
	Transportation to Training and Seminars	
50087	Write Off of Uncollectible Accounts	100,000
50991	Expense Credit	(50,644)
	Reimbursement from Sewer Funds for Administrative Overhead	



Valley Center Municipal Water District

Finance Facilities Operation

Division Summary by Expense Category

Fund	Department	Division
01	02	14

Account No.	Description	2021-2022	2022-2023		2023-2024
		Actual	Budget	Estimated Actual	Budget
50025	Outside Professional Services	1,399	2,000	1,150	2,000
50027	Office Supplies	5,387	5,000	5,500	8,000
50028	Printing	2,158	3,800	2,600	3,800
50030	Special Department Expenses	1,535	1,800	1,500	1,800
50032	Telephone/Answering Service	61,294	75,000	67,000	75,000
50040	Rents & Leases	(9,123)	1,400	1,200	1,400
50042	Insurance	153,794	280,225	284,000	270,310
50045	Electricity	51,043	50,000	49,300	50,000
50454	Maintenance of Equipment	325	725	325	525
50991	Expense Credit	(6,933)	(7,491)	(7,491)	(7,527)
Total		260,879	412,459	405,084	405,308



Valley Center Municipal Water District

Finance Facilities Operation

Division Detail

Fund	Department	Division
01	02	14

Total Budget Request
\$405,308

Account No.	Detail and Justification	Budget Request
50025	Outside Professional Services	2,000
	Record Destruction Services	2,000
50027	Office Supplies-District	8,000
	Various Office Supplies, Copier Paper	
50028	Printing	3,800
	Letterhead, Business Cards, Labels, Envelopes	
50030	Special Department Expenses	1,800
	Property Taxes for Facilities Outside the District	900
	County Vector Control Assessment	900
50032	Telephone/Answering Service	75,000
	Telephone	25,000
	Cellular Service	38,000
	Answering Service	12,000
50040	Rents & Leases	1,400
	Storage of Application Files	1,400
50042	Insurance	270,310
	General Liability	180,000
	Property Damage and Fidelity Coverage	124,500
	Cyber Liability Program	12,500
	Other Self Insured Retention	5,000
	Less Amount Charged to Sewer Funds	(51,690)
50045	Utilities-Electricity	50,000
	Electricity for Administration, Board Room	
	Multipurpose Room, and Engineering Annex I & II	
50454	Maintenance of Equipment	525
	Currency Counter	325
	Other	200
50991	Expense Credit	(7,527)
	Reimbursement from Sewer Funds	
	for Administrative Overhead	



Valley Center Municipal Water District

Finance Human Resources

Division Summary by Expense Category

Fund	Department	Division
01	02	15

Account No.	Description	2021-2022	2022-2023		2023-2024
		Actual	Budget	Estimated Actual	Budget
50001	Labor & Benefits - Regular	234,088	259,400	235,000	299,900
50003	Overtime	278	500	1,700	500
50010	Training & Education	0	500	0	1,000
50025	Outside Professional Services	9,498	5,000	7,000	50,400
50026	Legal Services	0	1,000	0	1,000
50030	Special Department Expenses	0	1,000	500	1,000
50034	Membership Fees & Dues	389	600	400	600
50037	Transportation, Meals & Travel	0	3,000	3,000	7,000
50991	Expense Credit	(15,547)	(15,547)	(15,547)	(19,087)
Total		228,706	255,453	232,053	342,313



Valley Center Municipal Water District

Finance Human Resources

Division Detail

Fund	Department	Division
01	02	15

Total Budget Request
\$342,313

Account No.	Detail and Justification	Budget Request
50001	Labor & Benefits - Regular	299,900
	Full-Time Equivalents 1.25	
50003	Overtime	500
50010	Training & Education	1,000
	Allocation from General Administration Training 01-02-18 Page 6-8A	
50025	Outside Professional Services	50,400
	Salary - Benefits Survey 45,000	
	Employee Assistance Program 2,400	
	Employment Background Checks 1,000	
	Other 2,000	
50026	Legal Services	1,000
	Personnel, Benefits, and Retirees' Health Plan 1,000	
50030	Special Department Expenses	1,000
	Flu-Shots 500	
	Other 500	
50034	Membership Fees and Dues	600
	Association (CALPELRA) 400	
	Society for Human Resources Management (SHRM) 200	
50037	Transportation, Meals & Travel	7,000
	Training, Seminars, Meetings 500	
	CalPELRA Conference 3,000	
	CalPers Conference 3,000	
	Other 500	
50991	Expense Credit	(19,087)
	Reimbursement from Sewer Funds for Administrative Overhead	



Valley Center Municipal Water District

Finance Salary Clearing

Division Summary by Expense Category

Fund	Department	Division
01	02	16

Account No.	Description	2021-2022	2022-2023		2023-2024
		Actual	Budget	Estimated Actual	Budget
50001	Labor	7,476,242	7,691,630	7,824,730	7,915,053
50002	Temporary Labor	70,586	125,900	72,783	130,500
50003	Overtime	256,234	356,250	311,099	353,000
50004	Unemployment Insurance	8,710	9,900	8,600	9,700
50005	Retirement	8,193	0	0	0
50006	Medicare	111,465	118,000	115,400	121,200
50007	Medical	1,463,984	1,642,700	1,544,800	1,583,370
50008	Worker's Compensation	122,002	134,000	156,097	165,000
50009	Life and Disability Insurance	159,030	192,200	170,600	193,000
50012	Vacation/Sick/Holiday Leave	1,200,142	1,242,700	1,242,700	1,292,800
50013	Increase in Value Of Accrued Leave	89,371	75,500	75,500	141,300
50015	Dental	83,234	90,000	88,000	89,200
50016	Vision	12,228	13,600	12,200	14,000
50017	Retirement Health Deferred Cont.	35,254	43,600	38,300	47,500
50019	Social Security	4,864	6,000	5,100	6,300
50070	Pension Expense	2,791,245	3,161,800	3,120,900	3,242,800
50080	OPEB Expense	(124,408)	406,778	406,778	406,778
50991	Expense Credit - Leave	(1,200,142)	(1,242,700)	(1,242,700)	(1,292,800)
50991	Expense Credit	(14,054,154)	(14,067,858)	(13,950,887)	(14,418,701)
Total		(1,485,920)	0	0	0



Valley Center Municipal Water District

Finance Salary Clearing

Division Detail

Fund	Department	Division
01	02	16

Total Budget Request
\$0

Account No.	Detail and Justification	Budget Request
50001	Labor	7,915,053
	Salary for all District employees	
	Full Time Equivalents 70.00	
50002	Temporary Labor	130,500
50003	Overtime	353,000
50004	Unemployment Insurance	9,700
	Federal mandated program - 1.9% of first \$7,000.	
50006	Medicare	121,200
	1.45% of base pay plus overtime on all employees hired after April 1, 1986.	
50007	Medical	1,583,370
	Preferred Provider or Health Maintenance Organization	
50008	Workers Compensation	165,000
	Required program to provide compensation and medical costs in the event of injury on the job.	
50009	Life and Disability Insurance	193,000
	Life and Accidental Death and Dismemberment 122,600	
	Long-Term Disability 70,400	
50012	Vacation / Sick / Holiday Leave	1,292,800
50013	Increase in Value of Accrued Leave	141,300
	Generally Accepted Accounting Principles requires the District to fund accrued leave at current value at year end.	
50015	Dental Insurance	89,200
	District paid for employee and dependents.	
50016	Vision Insurance	14,000
	District paid for employee and dependents.	
50017	Retirement Health, Defined Contribution Plan	47,500
50019	Social Security	6,300
50070	Pension Expense	3,242,800
	District Contribution to CalPERS.	
50080	Other Post Employment Benefits (OPEB) Expense	406,778
	Annual required contribution to defined benefit plan.	
50991	Expense Credit - Leave	(1,292,800)
50991	Expense Credit	(14,418,701)



Valley Center Municipal Water District

Finance Emergency Event

Division Summary by Expense Category

Fund	Department	Division
01	02	17

Account No.	Description	2021-2022	2022-2023		2023-2024
		Actual	Budget	Estimated Actual	Budget
50001	Labor & Benefits - Regular	0	0	0	0
50003	Overtime	494	1,000	0	0
50020	Emergency Paid Sick/EFMLA/Admin Leave	100,324	41,000	38,100	0
50025	Outside Professional Services	5,142	3,000	0	0
50030	Special Department Expenses	6,179	3,000	500	0
50033	Postage	0	0	0	0
Total		112,139	48,000	38,600	0



Valley Center Municipal Water District

Finance Emergency Event

Division Detail

Fund	Department	Division
01	02	17

Total Budget Request
\$0

Account No.	Detail and Justification	Budget Request
50001	Labor & Benefits - Regular	0
	Full-Time Equivalents 0.00	
50003	Overtime	0
50020	Emergency Paid Sick/EFMLA/Admin Leave	0
	Sick Leave 0	
	EFMLA 0	
	Administrative Leave Other 0	
50025	Outside Professional Services	0
	Building Cleaning & Disinfecting 0	
	Other 0	
50030	Special Department Expenses	0
	Office Supplies 0	
	Other 0	



Valley Center Municipal Water District

Finance Training

Division Summary by Expense Category

Fund	Department	Division
01	02	18

Account No.	Description	2021-2022	2022-2023		2023-2024
		Actual	Budget	Estimated Actual	Budget
50110	General and Administration	490	1,000	500	1,000
50111	Finance Administration	849	1,000	900	4,000
50112	Consumer Services	0	0	0	2,000
50113	Information Technology	125	3,500	500	3,500
50115	Human Resources	0	500	0	1,000
50121	Engineering Administration	9,348	37,000	37,000	37,000
50131	Operations & Facilities Administration	22,911	27,000	31,000	30,000
50991	Expense Credit	(33,723)	(70,000)	(69,900)	(78,500)
Total		0	0	0	0



Valley Center Municipal Water District

Finance Training

Division Detail

Fund	Department	Division
01	02	18

Total Budget Request
\$0

Account No.	Detail and Justification	Budget Request
50110	General Administration	1,000
	Seminars & Workshops	1,000
50111	Finance Administration	4,000
	Continuing Education	3,750
	Accounting Updates	250
50112	Consumer Services	2,000
	Continuing Education	1,800
	Customer Service Seminars	200
50113	Information Technology	3,500
	Software Training Tuition Reimbursement	3,500
50115	Finance - Human Resources	1,000
	Miscellaneous Training	1,000
50121	Engineering Administration	37,000
	Continuing Education	16,000
	Professional Development	10,000
	Innovyze Training	5,000
	Coating Certification	5,000
	Construction Management Assoc. of America (CMAA)	1,000
50131	Operations & Facilities Administration	30,000
	Continuing Education	14,000
	Technology Classes	3,700
	Electric	3,000
	Safety	2,700
	Wastewater Technical Classes	800
	Heavy Equipment	700
	Backflow/Cross Connection	600
	Cla-valve	550
	Trenching/Shoring	550
	Pump Training	550
	Computer	550
	Supervisor Certification	550
	Energy Management/Preparedness	550
	Customer Service	500
	Water Quality	500
	Collection Systems	200
50991	Expense Credit	(78,500)



Valley Center Municipal Water District

Finance Debt Service

Division Summary by Expense Category

Fund	Department	Division
01	02	19

Account No.	Description	2021-2022	2022-2023		2023-2024
		Actual	Budget	Estimated Actual	Budget
50071	Interest on Debt - SRF Loan	48,927	46,172	46,172	43,373
50161	Interest on Debt - Lake Turner Solar NRG	845	1,065	1,065	1,500
50163	Interest on Right to Use Assets	959	0	0	
Total		50,731	47,237	47,237	44,873

SOURCE OF FINANCING

Water Availability Charge/Other	50,731	47,237	47,237	44,873
Total	50,731	47,237	47,237	44,873



Valley Center Municipal Water District

Finance

California Drinking Water

SRF Payment Schedule

Cool Valley Reservoir Cover/Liner Replacement

Fund	Department	Division
01	02	19

Due Date	Ref Num	Beginning Balance	Principal Payment	Interest Rate %	Interest Payment	Total Payment	Ending Balance
1/01/2017		\$ -	\$ -	1.60%	\$ -	\$ -	\$ -
7/01/2017	1	\$ 2,915,212.00	\$ -	1.60%	\$ 1,468.43	\$ 1,468.43	\$ 2,915,212.00
1/01/2018	2	\$ 2,915,212.00	\$ 61,942.87	1.60%	\$ 23,513.38	\$ 85,456.25	\$ 2,853,269.13
7/01/2018	3	\$ 3,076,478.13	\$ 68,276.33	1.60%	\$ 23,842.23	\$ 92,118.56	\$ 3,008,201.80
1/01/2019	4	\$ 3,238,772.80	\$ 74,173.23	1.60%	\$ 24,977.65	\$ 99,150.88	\$ 3,164,599.57
7/01/2019	5	\$ 3,164,599.57	\$ 73,834.08	1.60%	\$ 25,316.80	\$ 99,150.88	\$ 3,090,765.49
1/01/2020	6	\$ 3,437,345.49	\$ 84,544.99	1.60%	\$ 25,665.74	\$ 110,210.73	\$ 3,352,800.50
7/01/2020	7	\$ 3,352,800.50	\$ 83,388.33	1.60%	\$ 26,822.40	\$ 110,210.73	\$ 3,269,412.17
1/01/2021	8	\$ 3,269,412.17	\$ 84,055.43	1.60%	\$ 26,155.30	\$ 110,210.73	\$ 3,185,356.74
7/01/2021	9	\$ 3,185,356.74	\$ 84,727.88	1.60%	\$ 25,482.85	\$ 110,210.73	\$ 3,100,628.86
1/01/2022	10	\$ 3,100,628.86	\$ 85,405.70	1.60%	\$ 24,805.03	\$ 110,210.73	\$ 3,015,223.16
7/01/2022	11	\$ 3,015,223.16	\$ 86,088.94	1.60%	\$ 24,121.79	\$ 110,210.73	\$ 2,929,134.22
1/01/2023	12	\$ 2,929,134.22	\$ 86,777.66	1.60%	\$ 23,433.07	\$ 110,210.73	\$ 2,842,356.56
7/01/2023	13	\$ 2,842,356.56	\$ 87,471.88	1.60%	\$ 22,738.85	\$ 110,210.73	\$ 2,754,884.68
1/01/2024	14	\$ 2,754,884.68	\$ 88,171.65	1.60%	\$ 22,039.08	\$ 110,210.73	\$ 2,666,713.03
7/01/2024	15	\$ 2,666,713.03	\$ 88,877.03	1.60%	\$ 21,333.70	\$ 110,210.73	\$ 2,577,836.00
1/01/2025	16	\$ 2,577,836.00	\$ 89,588.04	1.60%	\$ 20,622.69	\$ 110,210.73	\$ 2,488,247.96
7/01/2025	17	\$ 2,488,247.96	\$ 90,304.75	1.60%	\$ 19,905.98	\$ 110,210.73	\$ 2,397,943.21
1/01/2026	18	\$ 2,397,943.21	\$ 91,027.18	1.60%	\$ 19,183.55	\$ 110,210.73	\$ 2,306,916.03
7/01/2026	19	\$ 2,306,916.03	\$ 91,755.40	1.60%	\$ 18,455.33	\$ 110,210.73	\$ 2,215,160.63
1/01/2027	20	\$ 2,215,160.63	\$ 92,489.44	1.60%	\$ 17,721.29	\$ 110,210.73	\$ 2,122,671.19
7/01/2027	21	\$ 2,122,671.19	\$ 93,229.36	1.60%	\$ 16,981.37	\$ 110,210.73	\$ 2,029,441.83
1/01/2028	22	\$ 2,029,441.83	\$ 93,975.20	1.60%	\$ 16,235.53	\$ 110,210.73	\$ 1,935,466.63
7/01/2028	23	\$ 1,935,466.63	\$ 94,727.00	1.60%	\$ 15,483.73	\$ 110,210.73	\$ 1,840,739.63
1/01/2029	24	\$ 1,840,739.63	\$ 95,484.81	1.60%	\$ 14,725.92	\$ 110,210.73	\$ 1,745,254.82
7/01/2029	25	\$ 1,745,254.82	\$ 96,248.69	1.60%	\$ 13,962.04	\$ 110,210.73	\$ 1,649,006.13
1/01/2030	26	\$ 1,649,006.13	\$ 97,018.68	1.60%	\$ 13,192.05	\$ 110,210.73	\$ 1,551,987.45
7/01/2030	27	\$ 1,551,987.45	\$ 97,794.83	1.60%	\$ 12,415.90	\$ 110,210.73	\$ 1,454,192.62
1/01/2031	28	\$ 1,454,192.62	\$ 98,577.19	1.60%	\$ 11,633.54	\$ 110,210.73	\$ 1,355,615.43
7/01/2031	29	\$ 1,355,615.43	\$ 99,365.81	1.60%	\$ 10,844.92	\$ 110,210.73	\$ 1,256,249.62
1/01/2032	30	\$ 1,256,249.62	\$ 100,160.73	1.60%	\$ 10,050.00	\$ 110,210.73	\$ 1,156,088.89
7/01/2032	31	\$ 1,156,088.89	\$ 100,962.02	1.60%	\$ 9,248.71	\$ 110,210.73	\$ 1,055,126.87
1/01/2033	32	\$ 1,055,126.87	\$ 101,769.72	1.60%	\$ 8,441.01	\$ 110,210.73	\$ 953,357.15
7/01/2033	33	\$ 953,357.15	\$ 102,583.87	1.60%	\$ 7,626.86	\$ 110,210.73	\$ 850,773.28
1/01/2034	34	\$ 850,773.28	\$ 103,404.54	1.60%	\$ 6,806.19	\$ 110,210.73	\$ 747,368.74
7/01/2034	35	\$ 747,368.74	\$ 104,231.78	1.60%	\$ 5,978.95	\$ 110,210.73	\$ 643,136.96
1/01/2035	36	\$ 643,136.96	\$ 105,065.63	1.60%	\$ 5,145.10	\$ 110,210.73	\$ 538,071.33
7/01/2035	37	\$ 538,071.33	\$ 105,906.16	1.60%	\$ 4,304.57	\$ 110,210.73	\$ 432,165.17
1/01/2036	38	\$ 432,165.17	\$ 106,753.41	1.60%	\$ 3,457.32	\$ 110,210.73	\$ 325,411.76
7/01/2036	39	\$ 325,411.76	\$ 107,607.44	1.60%	\$ 2,603.29	\$ 110,210.73	\$ 217,804.32
1/01/2037	40	\$ 217,804.32	\$ 108,468.30	1.60%	\$ 1,742.43	\$ 110,210.73	\$ 109,336.02
7/01/2037	41	\$ 109,336.02	\$ 109,336.02	1.60%	\$ 874.69	\$ 110,210.71	\$ (0.00)
Total			\$3,715,572.00		\$629,359.26	\$4,344,931.26	

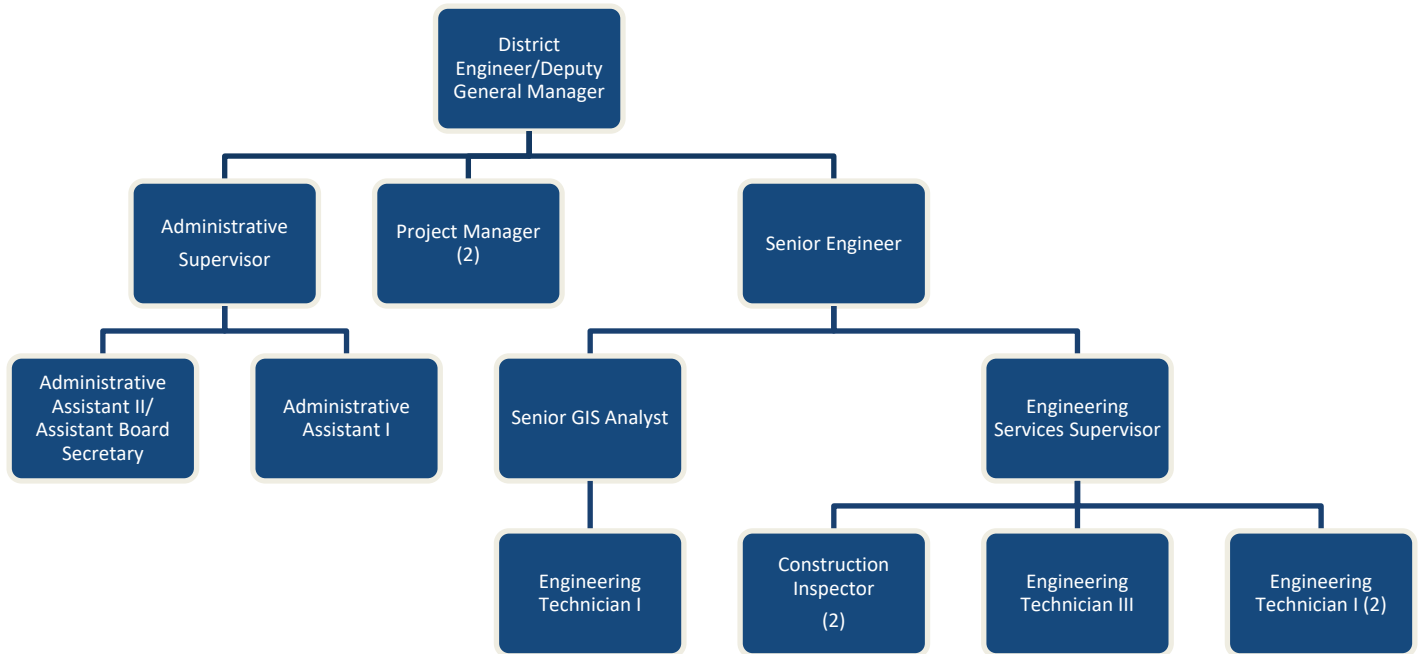


Valley Center Municipal Water District

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Engineering



Personnel Requirements (FTE's)

	<i>Actual FY 2022-23</i>	<i>Budget FY 2022-23</i>	<i>Proposed FY 2023-24</i>
District Engineer/Deputy General Manager	1.0	1.0	1.0
Senior Engineer	1.0	1.0	1.0
Project Manager	2.0	2.0	2.0
Administrative Supervisor	1.0	1.0	1.0
Administrative Assistant III/Assistant Board Secretary	1.0	1.0	1.0
Administrative Assistant I	1.0	1.0	1.0
Engineering Services Supervisor	1.0	1.0	1.0
Engineering Technician III	1.0	1.0	1.0
Engineering Technician I	3.0	3.0	3.0
Senior GIS Analyst	1.0	1.0	1.0
Construction Inspector	2.0	2.0	2.0
Total	15.0	15.0	15.0



DEPARTMENT DESCRIPTION

The Engineering Department provides professional and technical expertise to plan for the future and help the District meet its mission of providing reliable water and wastewater service to its customers. These services are accomplished through planning, designing, inspecting and managing District Capital Improvement Projects, and by plan checking and inspecting Developer funded projects. Other responsibilities include maintaining and updating technical records related to the District water, wastewater and recycled water infrastructure improvements, including easements and District property. The Engineering Department also assists customers with service applications and technical information on the District facilities.

Fiscal Year 2022-2023 Recent Accomplishments & Performance Indicators	Performance Standard	Strategic Plan Goal*					
		Water Supply	Infrastructure	Finance	Technology	Energy	Compensation & Benefits
GIS implemented an application through ESRI to facilitate efficiently gathering necessary information to satisfy the new lead pipe regulation.					✓		
Gained funding approval for the 2020 Pipeline Replacement Project through State Revolving Fund Loan Assistance Program in the amount of \$8,500,000.				✓			
Finished facilitating agreement with SDCWA and Yuima to fund the North County Emergency Storage Project, followed by procurement of necessary contracts to begin construction.		✓	✓				
Implemented a process for digitizing its existing and new easements into GIS, allow graphical representations of their location in relation to District assets as well as easy access to their documents.					✓		
Expanded utilization of Cityworks to allow for more efficient management of fleet and backflow assets.		✓			✓		
Processed applications and released for installation 234 domestic water meters; 228 fire service meters; 3 meter resizes; 45 meter relocations; 48 construction meters;	1		✓				
Managed and administrated 68 Agency Clearance letters; 16 Project Availability and Commitment letters; 2 Special Projects; and 3 wastewater system connections.	1		✓				
Marked out and processed 2,784 underground service alert requests.			✓				
Identified and resolved 0 new right-of-way violation; processed 3 new encroachments and issued 3 encroachment permits.			✓				
Updated 81 as-built drawings, reflecting newly installed facilities of various types.			✓				
Oversaw 5 development and special projects through final completion and 11 through conditional acceptance.			✓				

* See page 1-23 of this Budget document for the full Strategic Plan.



Fiscal Year 2023-2024 Goals & Objectives	Performance Standard	Strategic Plan Goal*					
		Water Supply	Infrastructure	Finance	Technology	Energy	Compensation & Benefits
Follow through with construction of the North County Emergency Storage project per established agreement and project documents.		✓					
Administer the District's Water Conservation Program to effectively meet all SWRCB regulatory requirements.		✓					
Coordinate the SB 555 and 606 Water Loss Audit efforts internally as needed to meet the regulatory reporting and validation requirements.		✓					
Assist property owner participants in the Village Areas with connection to the Woods Valley Ranch Collection System.			✓				
Implement a Pilot project at Cobb reservoir deploying a mixing and chemical feed system to improve water quality management specific to floating cover reservoirs.			✓				
Collect disbursements for the SRF 2020 Pipeline Replacement Project, recovering capital reserves expended on those projects. Submit and initiate review of the second SRF application, 2021 Replacement Project.			✓				
Complete the painting and recoating of the reservoirs recommended for FY 2023-24.			✓				
Continue to provide GIS training and assistance to staff making beneficial utilization of the GIS more readily available. Facilitate Cityworks implementation while maintaining the same level of support to District's day to day GIS needs. Complete converting data such that easements granted to the District are spatially visible in the GIS database.					✓		
Conduct a water age analysis using the water model of the entire system, identifying areas where operational modifications are needed to better control water quality					✓		
Carry out an update of water system SCADA standards, practices, and PLC equipment. Establishing templates for programming and operating typical facility types like reservoirs, pump stations and pressure reducing stations.					✓		
Assist in the design, review, and installation of energy efficient pump assemblies.						✓	
Update the existing Woods Valley Ranch WRF and Lower Moosa Canyon WRF Operation and Maintenance Manuals describing and documenting the procedures for efficient operation of the wastewater facilities, including not only the treatment plant, but also the collection system, seasonal storage facility and the recycled water distribution system.		✓					
Continue to refine newly updated District's Standard Specifications and Drawings focusing on establishing a process for publishing and maintaining access to the general public on the District website.		✓			✓		
Continue to assist staff in the use of digital District maps and record drawings, update the valve detail drawings, and maintain updated hardcopies of the Valve Books for the District staff.					✓		
Reduce processing time and paperwork required for water and wastewater service requests by utilizing computer resources.		✓			✓		
Provide opportunities for cross training in the areas of GIS, AutoCAD, and Customer Service.					✓		



Long-Term Goals & Objectives	Performance Standard	Strategic Plan Goal*					
		Water Supply	Infrastructure	Finance	Technology	Energy	Compensation & Benefits
Continue to update and improve appropriate policies, procedures and guidelines for the provision and expansion of water service in an environment of ever diminishing water availability and conversion from predominately agricultural uses to rural residential and urban uses.			✓				
Development of financially feasible wastewater infrastructure projects for property owner participation on a voluntary basis within the service area of the existing treatment facilities.			✓				
Explore development of local water supply sources.		✓	✓				
Seek out funding sources and financial assistance programs to fund required capital improvements.			✓	✓			
Maximize the use of the District's Data Management System to make facility information more readily available through integration of the Integrated Water Resource Management Plan, SCADA, GIS, CMMS and record drawings.			✓		✓		
Assist with the development of pumping strategies and procedures to maximize pumping efficiencies utilizing water system modeling.			✓			✓	

DEPARTMENT PERFORMANCE STANDARDS

Standard No.	Performance Standard Description	Trend	Annual Target/Goal	Calendar Year		
				2021 Actual	2022 Actual	2023 Projection
8	Project's Actual Cost		±10% of Engineer's Estimate for CIP Projects >\$250K	-2.3%	9.8%	±10%
9	Capital Improvement Project Timelines		Under contract within 12 months of budget approval	Met	Met	within 12 months

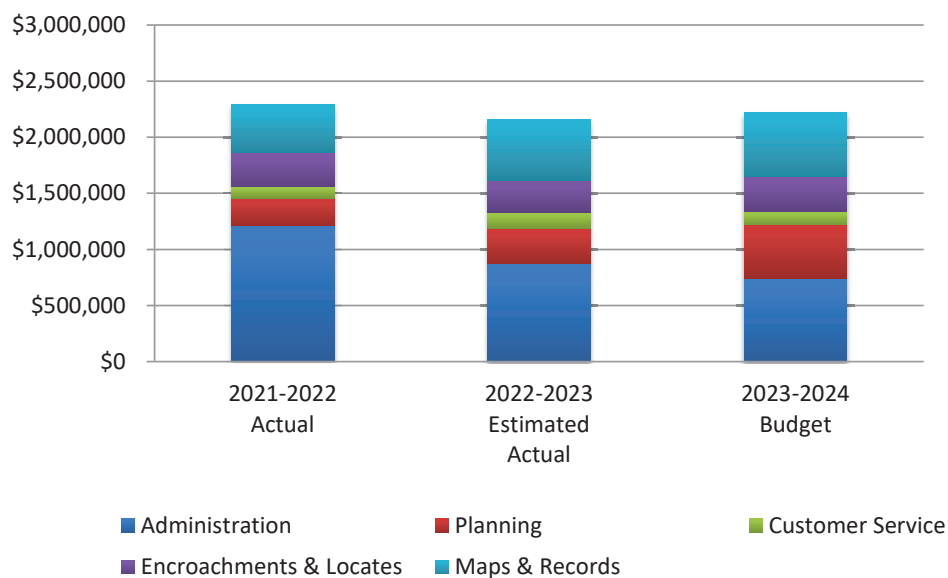


Department Summary by Division

Fund	Department
01	03

Division No.	Description	2021-2022	2022-2023		2023-2024
		Actual	Budget	Estimated Actual	Budget
21	Administration	1,209,127	803,313	876,579	740,737
22	Planning	246,112	304,018	305,504	478,850
23	Customer Service	105,890	64,118	150,265	118,161
24	Encroachments & Locates	298,397	321,866	286,314	309,588
28	Maps & Records	427,786	561,729	535,221	568,596
TOTAL ENGINEERING		2,287,312	2,055,044	2,153,883	2,215,932

Division Expenses





Valley Center Municipal Water District

Engineering Administration

Division Summary by Expense Category

Fund	Department	Division
01	03	21

Account No.	Description	2021-2022	2022-2023		2023-2024
		Actual	Budget	Estimated Actual	Budget
50001	Labor & Benefits - Regular	957,957	777,400	851,164	710,900
50003	Overtime	2,434	750	2,000	1,200
50010	Training & Education	9,348	37,000	37,000	37,000
50011	Uniforms/Shoes	4,385	6,900	6,900	6,900
50026	Legal Services	4,486	7,500	7,500	7,500
50028	Printing	0	200	0	0
50029	Books & Subscriptions	0	1,250	0	750
50030	Special Department Expenses	5,253	6,500	7,550	6,500
50034	Membership Fees & Dues	1,761	5,520	4,142	4,090
50037	Transportation, Meals & Travel	1,073	800	830	1,200
50085	Capital Planning	259,180	0	0	0
50459	Software Technical Support	0	5,000	5,000	6,000
50991	Expense Credit	(36,750)	(45,507)	(45,507)	(41,303)
Total		1,209,127	803,313	876,579	740,737



Valley Center Municipal Water District

Engineering Administration

Division Detail

Fund	Department	Division
01	03	21

Total Budget Request
\$776,040

Account No.	Detail and Justification		Budget Request
50001	Labor & Benefits - Regular		710,900
	Full-Time Equivalents	3.30	
50003	Overtime		1,200
50010	Training & Education		37,000
	Allocation from General Administration Training 01-02-18 Page 6-8A		
50011	Uniforms/Shoes		6,900
50026	Legal Services		7,500
50029	Books & Subscriptions		750
	Standard Specifications for Public Works	250	
	Technical Journals, Publications, Software	350	
	Miscellaneous	150	
50030	Special Department Expenses		6,500
	Box.com Subscription	60	
	General Office Supplies and Equipment	3,090	
	Parcel Quest - Online Property Search Tool	3,100	
	SD County Assessor's Maps	250	
50034	Membership, Fees & Dues		4,090
	American Public Works Association	500	
	American Society of Civil Engineers	250	
	American Water Works Association	115	
	California Water Environment Association Membership	400	
	Construction Management Association of America	260	
	Certified Construction Manager	150	
	Engineering News Record	150	
	Notary Renewal	0	
	Professional Engineer Certification Renewal	200	
	Southern California Alliance Public Treatment Works	1,700	
	Water Environment Federation	365	
50037	Transportation, Meals & Travel		1,200



Valley Center Municipal Water District

Engineering Administration

Division Detail

Fund	Department	Division
01	03	21

Account No.	Detail and Justification	Budget Request
50459	Software Technical Support	6,000
	Maintenance on Document Management Software	5,000
	Bluebeam	1,000
50991	Expense Credit	(41,303)
	Reimbursement from Sewer Funds for Administrative Overhead	



Valley Center Municipal Water District

Engineering Planning

Division Summary by Expense Category

Fund	Department	Division
01	03	22

Account No.	Description	2021-2022	2022-2023		2023-2024
		Actual	Budget	Estimated Actual	Budget
50001	Labor & Benefits - Regular	249,605	284,400	287,929	459,300
50003	Overtime	26	1,200	200	500
50025	Outside Professional Services	0	25,000	24,320	35,000
50030	Special Department Expenses	466	1,350	1,350	750
50037	Transportation, Meals & Travel	380	2,400	2,000	2,500
50459	Software Technical Support	13,459	6,891	6,928	7,500
50991	Expense Credit	(17,824)	(17,223)	(17,223)	(26,700)
Total		246,112	304,018	305,504	478,850



Valley Center Municipal Water District

Engineering Planning

Division Detail

Fund	Department	Division
01	03	22

Total Budget Request
\$478,850

Account No.	Detail and Justification		Budget Request
50001	Labor & Benefits - Regular		459,300
	Full-Time Equivalents	1.85	
50003	Overtime		500
50025	Outside Professional Services		35,000
	Consultant - Sewer System Computer Model	25,000	
	Capacity Charge Evaluations	10,000	
50030	Special Department Expenses		750
	Project Management Supplies and Equipment	750	
50037	Transportation, Meals & Travel		2,500
50459	Software Technical Support		7,500
	Info Water	4,500	
	Info Sewer	2,500	
	Trimble Pressure Device Subscription	500	
50991	Expense Credit		(26,700)
	Reimbursement from Sewer Funds for Administrative Overhead		



Valley Center Municipal Water District

Engineering Customer Service

Division Summary by Expense Category

Fund	Department	Division
01	03	23

Account No.	Description	2021-2022	2022-2023		2023-2024
		Actual	Budget	Estimated Actual	Budget
50001	Labor & Benefits - Regular	98,658	59,800	144,427	123,400
50003	Overtime	356	600	1,864	1,000
50025	Outside Professional Services	5,189	2,500	0	0
50030	Special Department Expenses	7,256	4,250	7,506	250
50037	Transportation, Meals & Travel	0	600	100	100
50184	Water Conservation Program	3,816	0	0	0
50459	Software Technical Support	0	0	0	0
50991	Expense Credit	(9,385)	(3,632)	(3,632)	(6,589)
Total		105,890	64,118	150,265	118,161



Valley Center Municipal Water District

Engineering Customer Service

Division Detail

Fund	Department	Division
01	03	23

Total Budget Request
\$118,161

Account No.	Detail and Justification		Budget Request
50001	Labor & Benefits - Regular		123,400
		Full-Time Equivalents 0.85	
50003	Overtime		1,000
50025	Outside Professional Services		0
50030	Special Department Expenses		250
	Office Supplies	250	
50037	Transportation, Meals & Travel		100
50991	Expense Credit		(6,589)
	Reimbursement from Sewer Funds for Administrative Overhead		



Valley Center Municipal Water District

Engineering Encroachments & Locates

Division Summary by Expense Category

Fund	Department	Division
01	03	24

Account No.	Description	2021-2022	2022-2023		2023-2024
		Actual	Budget	Estimated Actual	Budget
50001	Labor & Benefits - Regular	286,097	297,700	290,968	295,400
50003	Overtime	1,766	1,200	1,500	1,500
50025	Outside Professional Services	8,787	15,000	1,000	5,000
50026	Legal Services	0	10,000	0	10,000
50029	Books & Subscriptions	0	500	0	250
50030	Special Department Expenses	19,407	12,000	9,700	12,000
50037	Transportation, Meals & Travel	0	300	300	300
50454	Maintenance of Equipment	0	2,000	0	1,000
50459	Software Technical Support	900	1,400	1,080	1,400
50991	Expense Credit	(18,560)	(18,234)	(18,234)	(17,262)
Total		298,397	321,866	286,314	309,588



Valley Center Municipal Water District

Engineering Encroachments & Locates

Division Detail

Fund	Department	Division
01	03	24

Total Budget Request
\$309,588

Account No.	Detail and Justification		Budget Request
50001	Labor & Benefits - Regular		295,400
	Full-Time Equivalents	1.55	
50003	Overtime		1,500
50025	Outside Professional Services		5,000
	ROW Assistance	5,000	
50026	Legal Services		10,000
50029	Books & Subscriptions		250
50030	Special Department Expenses		12,000
	Markout Supplies	2,400	
	Locator Equipment	4,900	
	Inspection Supplies	1,400	
	Dig Alert - Tickets	2,400	
	Dig Alert - Base	900	
50037	Transportation, Meals & Travel		300
50454	Maintenance of Equipment		1,000
	Locators	1,000	
50459	Software Technical Support		1,400
	NoteVault	1,400	
50991	Expense Credit		(17,262)
	Reimbursement from Sewer Funds for Administrative Overhead		



Valley Center Municipal Water District

Engineering Maps & Records

Division Summary by Expense Category

Fund	Department	Division
01	03	28

Account No.	Description	2021-2022	2022-2023		2023-2024
		Actual	Budget	Estimated Actual	Budget
50001	Labor & Benefits - Regular	419,334	533,100	504,298	537,400
50003	Overtime	2,475	1,500	1,220	1,500
50025	Outside Professional Services	0	20,000	20,000	20,000
50029	Books & Subscriptions	0	150	0	150
50030	Special Department Expenses	2,175	300	9,877	2,700
50034	Membership Fees & Dues	0	400	146	150
50037	Transportation, Meals & Travel	0	2,600	600	900
50454	Maintenance of Equipment	3,187	2,500	1,901	500
50459	Software Technical Support	28,407	33,000	29,000	37,000
50991	Expense Credit	(27,792)	(31,821)	(31,821)	(31,704)
Total		427,786	561,729	535,221	568,596



Valley Center Municipal Water District

Engineering Maps & Records

Division Detail

Fund	Department	Division
01	03	28

Total Budget Request
\$568,596

Account No.	Detail and Justification		Budget Request
50001	Labor & Benefits - Regular		537,400
	Full-Time Equivalents	3.00	
50003	Overtime		1,500
50025	Outside Professional Services		20,000
	GIS Application Support	20,000	
50029	Books & Subscriptions		150
50030	Special Department Expenses		2,700
	Drafting Office Supplies	300	
	Plotter Supplies	2,400	
50034	Membership Fees and Dues		150
	Urban and Regional Information Systems Association	150	
50037	Transportation, Meals & Travel		900
	ESRI User Conference	400	
	Miscellaneous	500	
50454	Maintenance of Equipment		500
	Large Format Plotters	500	
50459	Software Technical Support		37,000
	Nearmap Imagery	8,000	
	AutoCAD Software 3-SLM	4,000	
	GIS Small Utilities Enterprise Agreement	25,000	
50991	Expense Credit		(31,704)
	Reimbursement from Sewer Funds		

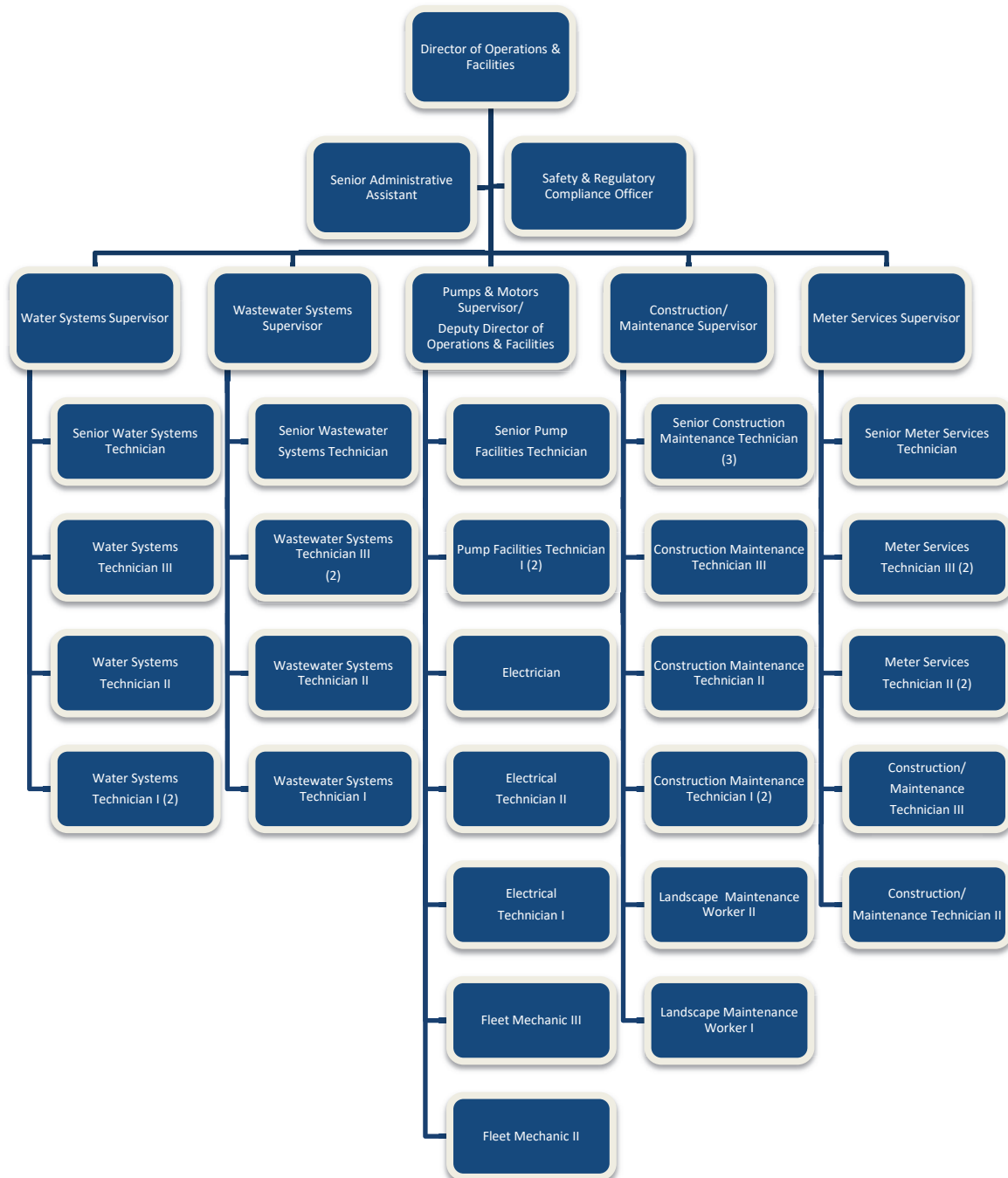


Valley Center Municipal Water District

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Operations & Facilities





Valley Center Municipal Water District

Operations & Facilities

Personnel Requirements (FTE's)

	<i>Actual</i> FY 2022-23	<i>Budget</i> FY 2022-23	<i>Proposed</i> FY 2023-24
Director of Operations	1.0	1.0	1.0
Safety & Regulatory Compliance Officer	1.0	1.0	1.0
Senior Administrative Assistant	1.0	1.0	1.0
Construction Maintenance Supervisor	1.0	1.0	1.0
Meter Services Supervisor	1.0	1.0	1.0
Pumps & Motors Supervisor/Dep. Dir. of O&M	1.0	1.0	1.0
Water Systems Supervisor	1.0	1.0	1.0
Senior Construction Maintenance Tech	2.0	2.0	3.0
Construction Maintenance Technician III	2.0	2.0	2.0
Construction Maintenance Tech II	3.0	2.0	2.0
Construction Maintenance Tech I	2.0	3.0	2.0
Landscape Maintenance Worker II	1.0	1.0	1.0
Landscape Maintenance Worker I	1.0	1.0	1.0
Senior Meter Service Technician	1.0	1.0	1.0
Meter Services Technician III	2.0	2.0	2.0
Meter Services Technician II	2.0	2.0	2.0
Senior Pump Facilities Technician	1.0	1.0	1.0
Pump Facilities Technician I	2.0	2.0	2.0
Senior Electrician	0.0	1.0	0.0
Electrician	0.0	0.0	1.0
Electrical Technician II	1.0	1.0	1.0
Electrical Technician I	2.0	0.0	1.0
Senior Fleet Mechanic	0.0	1.0	0.0
Fleet Mechanic III	1.0	1.0	1.0
Fleet Mechanic II	0.0	1.0	1.0
Fleet Mechanic I	1.0	0.0	0.0
Senior Water Systems Technician	1.0	1.0	1.0
Water Systems Technician III	0.0	0.0	1.0
Water Systems Technician II	1.0	1.0	1.0
Water Systems Technician I	3.0	3.0	2.0
Total	36.0	36.0	36.0

DEPARTMENT DESCRIPTION

The Operations & Facilities Department is the largest within Valley Center Municipal Water District. It is divided into six Divisions with a staff of 42 full time employees, including six in wastewater operations. The Department is responsible for the operation and maintenance of all District facilities, water and wastewater, and the District's security and safety programs. It also performs a number of in-house construction and improvement projects and works in conjunction with the Engineering Department in providing in-house planning, construction knowledge, and the completion of smaller capital projects.



DIVISION DESCRIPTIONS

Administration - The Administration Division administers and supervises the daily functions of the District's Operations & Facilities Department and includes customer service, radio dispatch, and employee's certifications and physical requirements.

Safety & Regulatory Compliance - The Safety and Regulatory Compliance Division encompasses the District's safety and compliance programs for all departments to ensure the preservation of the District's low worker's compensation ratings through ACWA/JPIA, the insurance provider. It also monitors and assists the District in complying with all applicable federal, state and county regulations and requirements. For 14 years, the District has been presented with a refund check from the Association of California Water Agencies/Joint Powers Insurance Authority (ACWA/JPIA). The cumulative amount of the refunds totals \$875,598. The District will not receive a refund for FY 2022-2023 due to large liability claims to JPIA by other Districts from significant wildfire losses. The refunds represent a partial return of prior years' insurance premiums due to the District's successful efforts to control and reduce property, liability, and workers' compensation losses. Due to the District's low e-modification rating, the District also received a discounted rate in premiums for the Worker's Compensation and Liability Insurance Programs which has resulted in additional savings of \$958,722 over the past 15 years. Combined, the District has received refunds and lower insurance premiums of \$1,834,320. In addition, the District Security Division ensures that District facilities are secure via cameras, facility security hardening and implementation of the Risk and Resilience Assessment. Also, District Security encompasses overseeing the emergency preparedness capabilities for the District.

Operations - Water - The Water Operations Division estimates usage demand, purchases water, and regulates flow throughout the distribution system. It also analyzes pump efficiency data and monitors and tracks solar generation. That information is used to develop pumping strategies that improve resources and help reduce overall pumping costs. The Division is also responsible for pressure reducing stations, altitude valve maintenance, monthly facility and reservoir inspections as well as the operations of the SCADA and telemetry system. Additionally, the Water Operations Division is responsible for water quality, sampling, testing and all DHS reporting including the District's Water Quality Report.

Pumps and Motors - The Pump & Motor Division maintains, repairs, and replaces the electrical and mechanical equipment at the District's 58 different water and wastewater facilities. The Division maintains the District's equipment at a high level of efficiency, reliability, and safety through proactive maintenance and replacement programs. The water facilities are comprised of 51 locations consisting of 41 reservoirs, 104 electric motor driven pumps, 25 emergency power generators, 10 air compressors, 8 natural gas engine driven pumps, and 6 solar power systems. The wastewater facilities are comprised of 5 locations consisting of 56 electric motor driven pieces of equipment, and 5 emergency power generators. The Division is also responsible for the in-house planning and implementation of the District SCADA Project, potential solar sites, and security systems, as well as their maintenance, upgrades, and improvements. In addition, it is responsible for the Fleet Division, which repairs and maintains District vehicles, tractors, and equipment. The District fleet consists of 52 vehicles, 44 pieces of large equipment, and 84 pieces of miscellaneous equipment.

Construction and Maintenance – The C&M Division maintains, inspects, repairs, upgrades, and locates as necessary the more than 340 miles of pipelines and easements that run throughout the District's abundant 100 square mile service area. It also maintains, identifies, locates, detects for leaks and repairs all mainline valves and appurtenances and performs most of the District's in-house construction projects. The Division also performs maintenance to over 1,686 fire hydrants to ensure reliable operation in the event of an emergency and is responsible for the flushing of dead-end water lines to maintain the safest and highest quality of water. It assists the Wastewater Division with in-house construction work and all the major repairs of sewer lines and manholes within the wastewater system. The Division is also responsible for landscaping needs and requirements of all District facilities and easements.



Meter Services - The Meter Services Division is responsible for the installation, maintenance and repair of all water meters, service laterals and backflow devices. This includes responsibility for warehousing, backflow and service repair inventories. This Division reads and monitors the Advanced Metering Infrastructure (AMI), and tests water meters and backflow devices. As of January 31, 2023, there were 13,435 active meters, of which 1,876 are fire meters, and 6,370 backflow devices that are tested annually. It oversees the Cross Connection/Backflow program and responds to the majority of the customer service requests which are received by the District. It also enforces the District's Water Conservation measures and mandates and oversees the corporate facilities maintenance which repairs and maintains the District's corporate facility.

Operations - Wastewater - The Wastewater Division is responsible for the operation and maintenance of the Lower Moosa Canyon Water Reclamation Facility and Woods Valley Ranch Water Reclamation Facility. This includes performing tests and making the necessary adjustments to meet Regional Water Quality Control Board effluent standards. The Division is also responsible for the maintenance of the sewer collection systems, lift stations and low-pressure systems, which includes locating, inspecting and repairing all sewer lines and manholes within the wastewater system. The Woods Valley Plant processes the District's first tertiary water and includes the District's reclaimed water program. *Wastewater operations are presented in separate sections of this budget.*

DEPARTMENT PERFORMANCE STANDARDS

Strategic Plan Goal	Standard No.	Performance Standard Description	Trend	Annual Target/Goal	Calendar Year		
					2021 Actual	2022 Actual	2023 Projection
Water Supply	2	Unknown Water Loss (UWL)		Minimize and reduce UWL wherever possible	3.7%	4.6%	5.0%
Energy	6	Pump Efficiency		95% of Design Efficiency	106%	106%	106%
Energy	7	Solar Energy Production		Maintain 90% of scheduled solar production of District owned solar arrays	Exceeded	Exceeded	Exceed 90%
Water Supply	10	Water Service Reliability		> 99%	99.999%	99.999%	> 99%
Finance	11	Lost-time Accidents		< 1.0%	0.1%	0.0%	< 1.0%
Water Supply	12	Compliance with Regulations		Compliance with all State and Federal Regulations	Met	Met	Meet



Fiscal Year 2022-2023 Recent Accomplishments & Performance Indicators	Performance Standard	Strategic Plan Goal*					
		Water Supply	Infrastructure	Finance	Technology	Energy	Compensation & Benefits
Continued to research the feasibility of in-house construction of a small-scale solar project at various sites to reduce energy consumption and improve the District's carbon footprint. Staff has also explored a number of Power Purchase Agreements (PPA) or a lease option and alternative energy projects at various locations and facilities throughout our service area to reduce our overall energy expenses.						✓	
Retrofitted 5 existing fire hydrants on Mountain Meadow Road with AVK check valves to reduce water loss and potential property damage.	2	✓					
Purchased and outfitted 2 half ton replacement pickup trucks, 1 service truck and a landscape dump body truck.		✓					
Completed smog testing on 8 vehicles and opacity testing on 11 trucks.	12	✓					
Load tested 18 Emergency Back-up Generators.	12	✓					
Satin sealed the asphalt paving at 7 reservoirs, pressure reducing stations, and pump station sites.		✓	✓				
Cleaned and inspected 16 steel tank reservoirs and inspected and cleaned 5 floating cover reservoirs.	10	✓					
Painted and maintained approximately 425 fire hydrants under the Districts newly implemented Fire Hydrant Maintenance Program		✓	✓				
Completed 100% of Valve Maintenance through Quad J, to include a number of appurtenance repairs and upgrades.	12	✓					
Completed dead-end line flushing to comply with the State Water Resource Control Board.	12	✓					
Completed 90% installation of water meters/fire meters and backflow devices within the Park Circle and Orchard Run Developments	12		✓				

* See page 1-23 of this Budget document for the full Strategic Plan.



Valley Center Municipal Water District

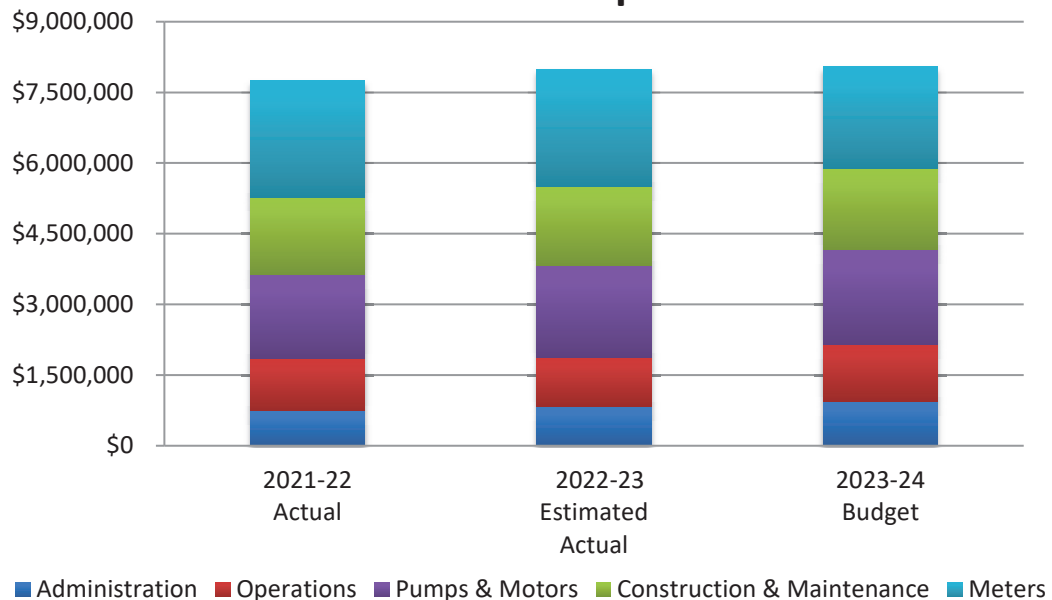
Operations & Facilities

Fiscal Year 2023-2024 Goals & Objectives	Performance Standard	Strategic Plan Goal*					
		Water Supply	Infrastructure	Finance	Technology	Energy	Compensation & Benefits
Repair, upgrade and maintain the water system, while at the same time keeping the system fully operational and meeting all District goals, guidelines and standards.		✓		✓		✓	
Continue to implement operational pumping strategies to minimize the financial impacts of SDG&E's continuously changing rate schedule tariffs.				✓		✓	
Continue with the in-house construction and implementation of automating the District's natural gas engines and bypass valves to provide increased remote and automated operations.					✓	✓	
Train and develop employees on SCADA equipment maintenance, PLC Programming and related software issues and requirements for future growth and implementation.					✓		
Further improve the District's water loss percentage by replacing high usage 3-inch, 2-inch, 1½-inch turbo meters to the new Omni Meters and ¾" and 1" SR II meters to the new I-Pearl and Ally Meters.	2						
Continue to evaluate and survey high demand areas of the District and increase leak detection measures to prevent major system failures in high risk areas. Maintain security and tamper proof measures in remote areas and improve the Districts infrastructure.	6		✓			✓	
Maintain pumping efficiency requirements through repair, reconditioning and replacing of sub-par pumping equipment. Explore new technology's and repair procedures to improve pumping efficiencies, along with modernizing pumps to accommodate mechanical seals.	6					✓	
Evaluate low performing pump stations for pump and motor replacement upgrades.	6					✓	
Utilize the rebate and efficiency programs available through SDG&E to offset District costs in the improvement of sub-standard pump stations.	6					✓	
Diagnose and complete repairs to solar sites to maintain the production of solar energy above 90% of the schedule production and perform required manufacture maintenance and cleaning at the District constructed solar array facilities.	7					✓	
Continue to review safety policies and procedures to maintain safe work practices.	11			✓			
Review accidents and near misses and make safety recommendations as necessary.	11			✓			
Continue to monitor new or updated regulatory requirements implemented by the State Water Resource Control Board, Air Pollution Control District and other regulatory agencies, to maintain compliance with all state and federal regulations.	12						
Continue to maintain 99% or better water service reliability, compliance with all regulations, and no lost-time accidents.	7 - 10		✓	✓		✓	
Perform more preventative maintenance to maintain or improve the high level of reliability within the SCADA system and functionality.	10		✓		✓	✓	
Evaluate the installation of small scale solar arrays at pump stations, Wastewater Facilities and the Corporate Facility to offset energy consumption, demand charges, and electric costs.	7					✓	
Continue to be vigilant and responsive to the changing water quality regulations with new Federal or State mandates and guidelines.	12						
Continue to identify and install new in-line valves and repair existing in-line and reservoir valves at designated points throughout the District's service area.	10		✓				
Continue to clean, inspect, and repair reservoirs throughout the District's service area and install internal water circulation devices to improve cross-movement and mixing throughout the reservoir to reduce or eliminate water quality issues throughout the distribution area.	12		✓				
Install the new Sensus Ally meters that feature a remote turn-on, turn-off and or restricted use capabilities.	1		✓				



Long-Term Goals & Objectives	Performance Standard	Strategic Plan Goal*					
		Water Supply	Infrastructure	Finance	Technology	Energy	Compensation & Benefits
Continue upgrading of the District's pump and corporate facilities to improve energy efficiencies	6					✓	
Continue to train and develop District personnel to meet the District's future succession planning demands.							✓
Re-establish easement maintenance and meter maintenance programs throughout the District's distribution system to improve system evaluations and leak detection measures.	2	✓					
Work with Information Technology in the development and implementation of a Computerized Maintenance Management System (CMMS). The CMMS software will help increase efficiency by providing staff electronic mobile work order and customer service request capabilities as well as the ability to streamline reporting, track costs and schedule preventative maintenance.	1	✓			✓		
Implement and develop pumping strategies and procedures to maximize pumping efficiencies and incorporate solar or alternative generation into that approach.	6					✓	
Continue to research and implement strategies or new technologies to improve efficiencies and maximize cost savings in all aspects of the District's operational procedures.		✓				✓	
Continue to monitor and implement new and ongoing regulatory compliance obligations and requirements mandated through the State Water Resource Control Board.	12	✓					
Continue installing the new Sensus ALLY meter that features a remote turn-on, turn-off and restricted use capabilities and build out the Advanced Metering Infrastructure (AMI).	1	✓			✓		

Division Expenses





Valley Center Municipal Water District

Operations & Facilities

Department Summary by Division

Fund	Department
01	04

Division No.	Description	2021-2022	2022-2023		2023-2024
		Actual	Budget	Estimated Actual	Budget
ADMINISTRATION		741,239	865,968	833,535	945,054
31	Administration	555,374	490,489	444,664	497,651
32	Safety & Regulatory Compliance	73,529	283,443	252,443	312,287
34	District Security	112,336	92,036	136,428	135,116
OPERATIONS		1,101,985	1,122,150	1,042,021	1,196,300
42	System Operation	777,972	783,050	627,757	785,650
44	Treatment	70,801	59,100	55,828	89,600
45	Automatic Valves	103,688	101,300	135,928	147,300
49	Water Quality Control	149,524	178,700	222,508	173,750
PUMPS & MOTORS		1,793,600	2,193,900	1,954,575	2,025,100
43	SCADA	141,766	230,600	166,153	236,500
46	Reservoir Maintenance	255,052	251,600	211,944	216,800
47	Pump Maintenance	244,085	306,300	315,037	361,800
48	Motor Maintenance & Electric Panels	662,269	813,100	653,394	637,000
71	Vehicle & Equipment Maintenance	490,428	592,300	608,047	573,000
CONSTRUCTION & MAINTENANCE		1,640,378	1,767,273	1,668,141	1,712,783
33	Landscape & Paving Maintenance	268,290	238,773	248,091	224,483
53	Pipeline and Right-of-Way Maint.	700,797	766,500	671,600	727,200
55	Valve Maintenance & Location	671,291	762,000	748,450	761,100
METERS		2,473,950	2,090,839	2,487,177	2,166,757
54	Corporate Facilities Maintenance	76,249	132,589	86,461	123,607
61	Meter Installation	708,580	418,050	806,465	466,350
62	Meter Reading	38,731	67,300	45,290	68,100
63	Service Connection Maintenance	1,320,339	1,205,800	1,246,121	1,241,000
65	Backflow Maintenance	330,051	267,100	302,840	267,700
TOTAL OPERATIONS & FACILITIES		7,751,152	8,040,130	7,985,449	8,045,994



Valley Center Municipal Water District

Operations & Facilities Administration

Division Summary by Expense Category

Fund	Department	Division
01	04	31

Account No.	Description	2021-2022	2022-2023		2023-2024
		Actual	Budget	Estimated Actual	Budget
50001	Labor & Benefits - Regular	514,194	418,900	385,400	424,100
50002	Temporary Labor	4,471	16,300	9,400	16,200
50003	Overtime	356	500	350	500
50010	Training & Education	22,911	27,000	31,000	30,000
50011	Uniform/Clothing/Shoes	37,903	38,500	37,500	38,500
50028	Printing	593	2,000	0	1,000
50030	Special Department Expenses	1,138	1,500	1,500	1,500
50032	Automated Telephone Dial Service	0	1,000	0	1,000
50033	Postage	0	75	0	100
50034	Memberships, Fees and Dues	0	500	0	500
50037	Transportation, Meals & Travel	2,312	11,000	6,500	11,000
50038	Regulatory Permits & Fees	763	1,000	800	1,000
50991	Expense Credit	(29,267)	(27,786)	(27,786)	(27,749)
Total		555,374	490,489	444,664	497,651



Valley Center Municipal Water District

Operations & Facilities Administration

Division Detail

Fund	Department	Division
01	04	31

Total Budget Request
\$497,651

Account No.	Detail and Justification	Budget Request
50001	Labor & Benefits - Regular	424,100
	Full-Time Equivalents 1.60	
50002	Temporary Labor	16,200
50003	Overtime	500
50010	Training & Education	30,000
	Allocation from General Administration Training 01-02-18 Page 6-9A	
50011	Uniform/Clothing/Shoes	38,500
	Uniforms for Field Personnel 28,000	
	Safety Shoes 8,500	
	Hats 1,000	
	Sweatshirts 1,000	
50028	Printing	1,000
	General Printing 1,000	
50030	Special Department Expenses	1,500
	Office Supplies 1,000	
	Miscellaneous Equipment 500	
50032	Automated Telephone Dial Service	1,000
	Communication during scheduled SDCWA shutdowns	
50033	Postage	100
	General Postage 100	
50034	Memberships, Fees and Dues	500
	Miscellaneous 500	
50037	Transportation, Meals & Travel	11,000
	After Hour Meals 8,000	
	Joint Power Insurance Authority Meetings 2,000	
	San Diego County Water Works Group Meetings 1,000	
50038	Regulatory Permits & Fees	1,000
	State Water Resources Control Board 1,000	
50991	Expense Credit	(27,749)
	Reimbursement from Sewer Funds for Administrative Overhead	



Valley Center Municipal Water District

Operations & Facilities Administration

Division Summary by Expense Category

Safety & Regulatory Compliance

Fund	Department	Division
01	04	32

Account No.	Description	2021-2022	2022-2023		2023-2024
		Actual	Budget	Estimated Actual	Budget
50001	Labor & Benefits - Regular	39,404	241,000	214,800	271,200
50003	Overtime	6,455	6,000	2,500	6,000
50014	Employee Physicals	6,293	9,000	8,500	9,000
50025	Outside Professional Services	7,336	22,100	22,000	22,100
50030	Special Department Expenses	18,312	20,000	19,500	20,000
50034	Memberships, Fees and Dues	707	1,400	1,200	1,400
50991	Expense Credit	(4,978)	(16,057)	(16,057)	(17,413)
Total		73,529	283,443	252,443	312,287



Valley Center Municipal Water District

Operations & Facilities Administration

Division Detail

Safety & Regulatory Compliance

Fund	Department	Division
01	04	32

Total Budget Request
\$312,287

Account No.	Detail and Justification	Budget Request
50001	Labor & Benefits - Regular	271,200
	Full-Time Equivalents 1.25	
50003	Overtime	6,000
50014	Employee Physicals	9,000
	As required by the Department of Health Services, Department of Motor Vehicles, Department of Transportation, and OSHA, including hearing tests, drug testing, and respirator physicals.	
50025	Outside Professional Service	22,100
	Confined Space Standby 10,000	
	Industrial Hygiene Services 5,500	
	Fire Extinguisher Testing 2,800	
	Material Safety Data Sheets On-line 2,000	
	DOT Administration Fee 800	
	Electrical Personal Protective Equipment Testing 800	
	Automated External Defibrillator Compliance Program 200	
50030	Special Department Expenses	20,000
	Safety Protection Equipment & New AED's 8,000	
	First Aid Equipment 2,000	
	Rain Gear & Safety Vests 2,000	
	Emergency/First Aid Supplies 2,000	
	Safety Materials 1,500	
	Miscellaneous 1,400	
	Respirator Replacements 800	
	Safety Signs 800	
	Fall Protection Harness Replacement 500	
	Fire Extinguisher Replacement 500	
	Fall Protection Rescue Equipment 500	
50034	Memberships, Fees and Dues	1,400
	National Safety Council 500	
	Cal OSHA Reports 400	
	Pacific Safety Council 300	
	National Fire Protection Association 200	
50991	Expense Credit	(17,413)
	Reimbursement from Sewer Funds for Administrative Overhead	



Valley Center Municipal Water District

Operations & Facilities
Administration

District Security

Division Summary by Expense Category

Fund	Department	Division
01	04	34

Account No.	Description	2021-2022	2022-2023		2023-2024
		Actual	Budget	Estimated Actual	Budget
50001	Labor & Benefits - Regular	97,366	69,700	114,900	115,100
50003	Overtime	482	0	242	0
50025	Outside Professional Services	0	7,000	6,900	7,000
50030	Special Department Expenses	1,072	2,000	1,250	2,000
50034	Memberships, Fees and Dues	550	550	550	550
50452	Maintenance of Facilities	17,611	18,000	17,800	18,000
50991	Expense Credit	(4,745)	(5,214)	(5,214)	(7,534)
Total		112,336	92,036	136,428	135,116



Valley Center Municipal Water District

Operations & Facilities Administration

District Security

Division Detail

Fund	Department	Division
01	04	34

Total Budget Request
\$135,116

Account No.	Detail and Justification	Budget Request
50001	Labor & Benefits - Regular	115,100
	Full-Time Equivalents 0.67	
50025	Outside Professional Services	7,000
50030	Special Department Expenses	2,000
	EOC Supplies 1,000	
	Security Supplies 350	
	Emergency Satellite Television Fees 350	
	Office Supplies 300	
50034	Memberships, Fees and Dues	550
	Water Information Sharing and Analysis Center	
50452	Maintenance of Facilities	18,000
	Security Gate Maintenance 10,000	
	Cameras (Stationary and PTZ) 8,000	
50991	Expense Credit	(7,534)
	Reimbursement from Sewer Funds for Administrative Overhead	



Valley Center Municipal Water District

Operations & Facilities

Operations

System Operation

Division Summary by Expense Category

Fund	Department	Division
01	04	42

Account No.	Description	2021-2022	2022-2023		2023-2024
		Actual	Budget	Estimated Actual	Budget
50001	Labor & Benefits - Regular	667,305	649,700	520,000	653,200
50002	Temporary Labor	8,383	12,100	0	8,200
50003	Overtime	97,776	115,000	96,507	115,000
50030	Special Department Expenses	1,364	1,250	1,250	1,250
50452	Maintenance of Facilities	3,144	5,000	10,000	8,000
Total		777,972	783,050	627,757	785,650



Valley Center Municipal Water District

Operations & Facilities
Operations
System Operation

Division Detail

Fund	Department	Division
01	04	42

Total Budget Request
\$785,650

Account No.	Detail and Justification	Budget Request
50001	Labor & Benefits - Regular	653,200
	Full-Time Equivalents 4.15	
50002	Temporary Labor	8,200
50003	Overtime	115,000
	Stand-By Pay, Operation Call Out, Shift Pay	
50030	Special Department Expenses	1,250
50452	Maintenance of Facilities	8,000
	Equipment	3,500
	General Maintenance	3,500
	Maintenance/Repairs on Aging Facilities	1,000



Valley Center Municipal Water District

Operations & Facilities
Operations
Treatment

Division Summary by Expense Category

Fund	Department	Division
01	04	44

Account No.	Description	2021-2022	2022-2023		2023-2024
		Actual	Budget	Estimated Actual	Budget
50001	Labor & Benefits - Regular	43,969	27,000	26,500	42,400
50003	Overtime	0	500	0	500
50025	Outside Professional Services	59	500	0	500
50030	Special Department Expenses	176	500	285	500
50038	Regulatory Permits & Fees	1,030	1,100	1,181	1,200
50323	Chlorine	24,131	25,000	26,648	40,000
50452	Maintenance of Facilities	1,436	4,500	1,214	4,500
Total		70,801	59,100	55,828	89,600



Valley Center Municipal Water District

Operations & Facilities Operations

Treatment

Division Detail

Fund	Department	Division
01	04	44

Total Budget Request
\$89,600

Account No.	Detail and Justification	Budget Request
50001	Labor & Benefits - Regular	42,400
	Full-Time Equivalents 0.31	
50003	Overtime	500
50025	Outside Professional Services	500
	Chlorinator Maintenance 500	
50030	Special Department Expenses	500
	Tools and Replacement 500	
50038	Regulatory Permits & Fees	1,200
50323	Chlorine	40,000
	Chlorine Tablets 20,000	
	HTH to Increase Residual in Reservoirs 5,000	
	Sodium Hypochlorite for Chloramine Maint. System 7,500	
	Liquid Ammonium Sulfate for Chloramine Maint. System 7,500	
50452	Maintenance of Facilities	4,500
	Repair or Rebuild Tablet Chlorinators 2,250	
	Rebuild Chlorine Detectors 2,250	



Valley Center Municipal Water District

Operations & Facilities Operations

Automatic Valves

Division Summary by Expense Category

Fund	Department	Division
01	04	45

Account No.	Description	2021-2022	2022-2023		2023-2024
		Actual	Budget	Estimated Actual	Budget
50001	Labor & Benefits - Regular	68,429	59,300	84,000	95,300
50003	Overtime	0	1,000	928	1,000
50030	Special Department Expenses	0	1,000	1,000	1,000
50443	Maintenance of Valves	35,259	40,000	50,000	50,000
Total		103,688	101,300	135,928	147,300



Valley Center Municipal Water District

Operations & Facilities Operations

Automatic Valves

Division Detail

Fund	Department	Division
01	04	45

Total Budget Request
\$147,300

Account No.	Detail and Justification	Budget Request
50001	Labor & Benefits - Regular	95,300
	Full-Time Equivalents 0.61	
50003	Overtime	1,000
50030	Special Department Expenses	1,000
	Tools and Replacement	
50443	Maintenance of Valves	50,000
	Rebuild, Repair & Maintenance of Pressure Reducing, Pressure Relief, Altitude, Pump Control, and Isolation Valves	



Valley Center Municipal Water District

Operations & Facilities
Operations

Division Summary by Expense Category

Water Quality Control

Fund	Department	Division
01	04	49

Account No.	Description	2021-2022	2022-2023		2023-2024
		Actual	Budget	Estimated Actual	Budget
50001	Labor & Benefits - Regular	91,354	103,200	131,500	74,400
50003	Overtime	731	500	0	500
50025	Outside Professional Services	4,265	12,500	10,950	22,500
50028	Printing	998	1,500	1,500	3,500
50030	Special Department Expenses	7,152	5,000	9,787	1,000
50033	Postage	0	500	0	850
50038	Regulatory Permits & Fees	40,054	43,000	45,446	46,000
50452	Maintenance of Facilities	4,970	12,500	23,325	25,000
Total		149,524	178,700	222,508	173,750



Valley Center Municipal Water District

Operations & Facilities Operations

Division Detail

Water Quality Control

Fund	Department	Division
01	04	49

Total Budget Request
\$173,750

Account No.	Detail and Justification	Budget Request
50001	Labor & Benefits - Regular	74,400
	Full-Time Equivalents 0.51	
50003	Overtime	500
50025	Outside Professional Services	22,500
	Lab Analysis For:	
	Unregulated Contaminant Monitoring Revision 5	5,500
	Trihalomethane (THM) Stage 2	2,250
	Haloacetic acids (HAA)	2,250
	Coliform, General Physical Testing	12,500
50028	Printing	3,500
	Consumer Confidence Reports, Annual Notifications, Regulations	
50030	Special Department Expenses	1,000
	Testing Equipment	1,000
50033	Postage	850
	Notifications for major shutdowns	600
	Consumer confidence reports	250
50038	Regulatory Permits & Fees	46,000
	AB 2995 Water Systems Fees, Inspection and Services	
50452	Maintenance of Facilities	25,000
	Chlorine Residual Reagent	3,000
	Chlorine Residual Comparators	2,500
	Rebuild/Repair Chlorine Residual Analyzers	7,000
	Nitrification Testing Reagents	12,500



Valley Center Municipal Water District

Operations & Facilities Pumps & Motors

SCADA

Division Summary by Expense Category

Fund	Department	Division
01	04	43

Account No.	Description	2021-2022	2022-2023		2023-2024
		Actual	Budget	Estimated Actual	Budget
50001	Labor & Benefits - Regular	107,503	149,500	97,500	155,400
50003	Overtime	43	2,300	2,200	2,300
50025	Outside Professional Services	7,100	10,000	8,500	10,000
50030	Special Department Expenses	0	1,500	1,200	1,500
50032	Telephone	1,393	1,500	778	1,500
50452	Maintenance of Facilities	1,215	10,000	7,430	10,000
50459	Software Technical Support	22,990	35,800	28,990	35,800
50465	SCADA Repairs	1,522	20,000	19,555	20,000
Total		141,766	230,600	166,153	236,500



Valley Center Municipal Water District

Operations & Facilities Pumps & Motors SCADA

Division Detail

Fund	Department	Division
01	04	43

Total Budget Request
\$236,500

Account No.	Detail and Justification		Budget Request
50001	Labor & Benefits - Regular		155,400
		Full-Time Equivalents 0.85	
50003	Overtime		2,300
50025	Outside Professional Services		10,000
	SCADA Programming		
50030	Special Department Expenses		1,500
50032	Telephone		1,500
	Leased Telemetry Lines and Alarm Monitor		
50452	Maintenance of Facilities		10,000
50459	Software Technical Support		35,800
50465	SCADA Repairs		20,000
	SCADA Miscellaneous	13,000	
	Pressure Level Transducers	7,000	



Valley Center Municipal Water District

Operations & Facilities
Pumps & Motors
Reservoir Maintenance

Division Summary by Expense Category

Fund	Department	Division
01	04	46

Account No.	Description	2021-2022	2022-2023		2023-2024
		Actual	Budget	Estimated Actual	Budget
50001	Labor & Benefits - Regular	175,600	151,300	126,200	137,500
50002	Temporary Labor	394	0	0	0
50003	Overtime	3,845	1,000	950	1,000
50025	Outside Professional Services	32,218	45,500	35,776	24,500
50030	Special Department Expenses	791	800	795	800
50038	Regulatory Permits & Fees	27,060	37,000	35,000	37,000
50452	Maintenance of Facilities	15,144	16,000	13,223	16,000
Total		255,052	251,600	211,944	216,800



Valley Center Municipal Water District

Operations & Facilities
Pumps & Motors
Reservoir Maintenance

Division Detail

Fund	Department	Division
01	04	46

Total Budget Request
\$216,800

Account No.	Detail and Justification	Budget Request
50001	Labor & Benefits - Regular	137,500
	Full-Time Equivalents 0.89	
50002	Temporary Labor	0
50003	Overtime	1,000
50025	Outside Professional Service	24,500
	Diver - Cleaning and Inspection	12,000
	Turner Dam - Confined Space Rescue	9,500
	Turner Dam - Inspection, Repairs and Surveying	3,000
50030	Special Department Expenses	800
	Hose & Pump Equipment	
50038	Regulatory Permits & Fees	37,000
	Turner Dam	36,000
	Environmental Health Permits	1,000
50452	Maintenance of Structures & Improvements	16,000
	Cathodic Protection	7,000
	Reservoir cleaning and inspection	4,000
	Floating Reservoir Covers Repair and Patching	3,000
	Site Improvements - Construction Maintenance	2,000



Valley Center Municipal Water District

Operations & Facilities Pumps & Motors Pump Maintenance

Division Summary by Expense Category

Fund	Department	Division
01	04	47

Account No.	Description	2021-2022	2022-2023		2023-2024
		Actual	Budget	Estimated Actual	Budget
50001	Labor & Benefits - Regular	183,275	218,800	233,300	274,300
50002	Temporary Labor	1,041	0	0	0
50003	Overtime	1,297	2,000	1,432	2,000
50025	Outside Professional Services	28,926	36,000	33,379	36,000
50030	Special Department Expenses	853	1,500	1,434	1,500
50444	Maintenance of Pumps	25,933	44,000	42,825	44,000
50454	Maintenance of Equipment	2,760	4,000	2,667	4,000
Total		244,085	306,300	315,037	361,800



Valley Center Municipal Water District

Operations & Facilities

Pumps & Motors

Pump Maintenance

Division Detail

Fund	Department	Division
01	04	47

Total Budget Request

\$361,800

Account No.	Detail and Justification		Budget Request
50001	Labor & Benefits - Regular		274,300
		Full-Time Equivalents 1.79	
50002	Temporary Labor		0
50003	Overtime		2,000
50025	Outside Professional Services		36,000
	Machine Work	31,000	
	Epoxy Coating	5,000	
50030	Special Department Expenses		1,500
	Tool Replacement	1,000	
	Miscellaneous Items	500	
50444	Maintenance of Pumps		44,000
	Pump Repair Parts	31,000	
	Packing/Mechanical Seals	8,000	
	Bearings	5,000	
50454	Maintenance of Equipment (Surge Tanks)		4,000
	Air Compressors	2,000	
	Controls	1,000	
	Relief Valves	1,000	



Valley Center Municipal Water District

Operations & Facilities Pumps & Motors

Division Summary by Expense Category

Motor Maintenance/Electrical Panels

Fund	Department	Division
01	04	48

Account No.	Description	2021-2022	2022-2023		2023-2024
		Actual	Budget	Estimated Actual	Budget
50001	Labor & Benefits - Regular	530,312	604,600	486,100	433,500
50002	Temporary Labor	1,666	0	0	0
50003	Overtime	2,113	5,000	3,318	5,000
50025	Outside Professional Services	32,689	60,000	38,723	60,000
50030	Special Department Expenses	890	3,000	2,180	3,000
50038	Regulatory Permits & Fees	22,595	29,000	25,497	29,000
50455	Maintenance of Engines	17,497	46,500	33,082	41,500
50456	Maintenance of Electric Motors	29,899	25,000	23,621	25,000
50458	Maintenance of Electrical Facilities	24,608	40,000	40,873	40,000
Total		662,269	813,100	653,394	637,000



Valley Center Municipal Water District

Operations & Facilities Pumps & Motors

Division Detail

Motor Maintenance/Electrical Panels

Fund	Department	Division
01	04	48

Total Budget Request
\$637,000

Account No.	Detail and Justification	Budget Request
50001	Labor & Benefits - Regular	433,500
	Full-Time Equivalents 2.81	
50002	Temporary Labor	0
50003	Overtime	5,000
50025	Outside Professional Services	60,000
	Facility Repair and Painting	25,000
	Electric Motor Repair	25,000
	Circuit Breaker Testing	5,000
	Generator Load Testing	2,500
	Emission Source Testing	2,500
50030	Special Department Expenses	3,000
	Electrical Safety Equipment and Testing	2,500
	Test and Diagnostic Equipment	500
50038	Regulatory Permits & Fees	29,000
	Natural Gas Engines	22,000
	Environmental Health	4,000
	Emergency Generators	3,000
50455	Maintenance of Engines	41,500
	Services	27,000
	Miscellaneous Repairs	14,500
50456	Maintenance of Electric Motors/Gear Drives	25,000
	Bearings	20,000
	Parts and Repairs	5,000
50458	Maintenance of Electrical Facilities	40,000
	Electrical Panels	16,000
	Softstarter Repair/Replacement	14,000
	Circuit Breakers	4,500
	Electrical Equipment	4,000
	Lights, Electrical Tool Repair	1,500



Valley Center Municipal Water District

Operations & Facilities Pumps & Motors

Division Summary by Expense Category

Vehicle & Equipment Maintenance

Fund	Department	Division
01	04	71

Account No.	Description	2021-2022	2022-2023		2023-2024
		Actual	Budget	Estimated Actual	Budget
50001	Labor & Benefits - Regular	281,483	289,200	358,800	281,900
50002	Temporary Labor	241	0	0	0
50003	Overtime	3,564	6,000	4,541	6,000
50025	Outside Professional Services	21,131	15,000	15,175	15,000
50030	Special Department Expenses	3,688	4,300	3,819	4,300
50038	Regulatory Permits & Fees	1,696	5,000	2,096	5,000
50341	Hazardous Waste Disposal Costs	7,809	10,000	14,266	15,000
50450	Maintenance - Gas, Oil & Grease	148,941	211,500	170,796	201,500
50451	Maintenance of Vehicles	39,174	55,000	49,309	50,000
50453	Maintenance of Radios	4,443	8,500	6,996	8,500
50454	Maintenance of Equipment	28,006	25,000	19,449	25,000
50991	Expense Credit	(49,748)	(37,200)	(37,200)	(39,200)
Total		490,428	592,300	608,047	573,000



Valley Center Municipal Water District

Operations & Facilities Pumps & Motors

Division Detail

Vehicle & Equipment Maintenance

Fund	Department	Division
01	04	71

Total Budget Request
\$573,000

Account No.	Detail and Justification	Budget Request
50001	Labor & Benefits - Regular	281,900
	Full-Time Equivalents 1.75	
50002	Temporary Labor	0
50003	Overtime	6,000
50025	Outside Professional Services	15,000
	Vehicle and Equipment Repairs	7,000
	Generator Load Testing	5,000
	Fuel Tank Testing	3,000
50030	Special Department Expenses	4,300
	Software Repair Manuals	3,300
	Specialty Tools	500
	Replacement Tools	300
	Tools for Service Truck	200
50038	Regulatory Permits & Fees	5,000
	Emergency Generators	2,500
	Portable Equipment	2,000
	Boom Truck	500
50341	Hazardous Waste Disposal Costs	15,000
	Recycling Oil, Filters & Solvents	5,500
	Asbestos Pipe	4,500
	Disposal of Aerosols	3,000
	Recycling Tires & Miscellaneous	1,000
	Cleanup Material	600
	Compliance Guides	400
50450	Fuel, Oil, and Chemicals	201,500
	Fuel	182,500
	Oil and Coolant	17,000
	Fuel Tank Parts	2,000
50451	Maintenance of Vehicles	50,000
	Parts for Fleet	



Valley Center Municipal Water District

Operations & Facilities Pumps & Motors

Division Detail

Vehicle & Equipment Maintenance

Fund	Department	Division
01	04	71

Account No.	Detail and Justification		Budget Request
50453	Maintenance of Radios/Vehicle Tracking		8,500
	Vehicle Tracking Service Contract	5,000	
	Radio Parts	3,500	
50454	Maintenance of Equipment		25,000
	Grader/Dozer/Backhoe	15,000	
	Miscellaneous Equipment	10,000	
50991	Expense Credit		(39,200)
	Rental Value of Vehicles and Equipment Used for:		
	Installation of Meters	01-04-61-50451	(34,000)
	Moosa Treatment Plant	13-03-26-50451	(1,500)
	Moosa Collection	13-03-27-50451	(1,500)
	Moosa STEP Maintenance	13-03-29-50451	(1,000)
	Woods Valley Ranch Treatment Plant	17-03-31-50451	(1,200)



Valley Center Municipal Water District

Operations & Facilities Construction & Maintenance Landscape Maintenance

Division Summary by Expense Category

Fund	Department	Division
01	04	33

Account No.	Description	2021-2022	2022-2023		2023-2024
		Actual	Budget	Estimated Actual	Budget
50001	Labor & Benefits - Regular	272,884	233,800	242,100	216,500
50003	Overtime	0	500	168	500
50025	Outside Professional Services	4,250	10,000	9,500	10,000
50030	Special Department Expenses	256	1,000	950	1,000
50452	Maintenance of Facilities	5,341	7,000	8,900	9,000
50991	Expense Credit	(14,441)	(13,527)	(13,527)	(12,517)
Total		268,290	238,773	248,091	224,483



Valley Center Municipal Water District

Operations & Facilities Construction & Maintenance

Landscape Maintenance

Division Detail

Fund	Department	Division
01	04	33

Total Budget Request
\$224,483

Account No.	Detail and Justification	Budget Request
50001	Labor & Benefits - Regular	216,500
	Full-Time Equivalents 1.96	
50003	Overtime	500
50025	Outside Professional Services	10,000
	Tree Trimming and Turner Dam Cattail Control	4,000
	Lilac Property Mowing	4,500
	Pre-Emergent spray of station/facilities	1,500
50030	Special Department Expenses	1,000
50452	Maintenance of Facilities	9,000
	Irrigation and Plants	4,000
	Landscape Materials	4,500
	Gravel	500
50991	Expense Credit	(12,517)
	Reimbursement from Sewer Funds for Administrative Overhead	



Valley Center Municipal Water District

Operations & Facilities Construction & Maintenance

Division Summary by Expense Category

Pipeline & R.O.W. Maintenance

Fund	Department	Division
01	04	53

Account No.	Description	2021-2022	2022-2023		2023-2024
		Actual	Budget	Estimated Actual	Budget
50001	Labor & Benefits - Regular	614,439	606,000	524,600	562,800
50002	Temporary Labor	689	0	0	3,900
50003	Overtime	20,463	45,000	44,000	45,000
50025	Outside Professional Services	16,182	31,500	21,000	31,500
50030	Special Department Expenses	3,042	3,000	2,900	3,000
50040	Rents & Leases	452	1,000	100	1,000
50452	Maintenance of Facilities	45,530	80,000	79,000	80,000
Total		700,797	766,500	671,600	727,200



Valley Center Municipal Water District

Operations & Facilities Construction & Maintenance Pipeline & R.O.W. Maintenance

Division Detail

Fund	Department	Division
01	04	53

Total Budget Request
\$727,200

Account No.	Detail and Justification	Budget Request
50001	Labor & Benefits - Regular	562,800
	Full-Time Equivalents 3.28	
50002	Temporary Labor	3,900
50003	Overtime	45,000
	Emergency Leak Repair	
50025	Outside Professional Services	31,500
	Asphalt Satin Sealing 10,000	
	Turner Dam - Confined Space Rescue 9,500	
	Asphalt Paving 6,000	
	Traffic Control 6,000	
50030	Special Department Expenses	3,000
	Tools 1,000	
	Welding Supplies 1,000	
	Fire Hose and Fittings 500	
	Cones and Barricades 500	
50040	Rents & Leases	1,000
50452	Maintenance of Facilities	80,000
	Decomposed Granite, Road Base and Rock 21,000	
	Asphalt, Hot and Cold Mix 16,500	
	Pipe - Repair 9,500	
	Trash Disposal 7,500	
	Clamps and Couplings 5,000	
	Asphalt-Cement Disposal 5,000	
	AC Pipe Disposal 5,000	
	Culverts 3,000	
	Erosion Control Material 3,000	
	Welding Materials 2,500	
	Cement 2,000	



Valley Center Municipal Water District

Operations & Facilities Construction & Maintenance

Division Summary by Expense Category

Valve Maintenance/Locations

Fund	Department	Division
01	04	55

Account No.	Description	2021-2022	2022-2023		2023-2024
		Actual	Budget	Estimated Actual	Budget
50001	Labor & Benefits - Regular	566,522	614,500	612,000	609,300
50002	Temporary Labor	0	0	0	4,300
50003	Overtime	9,321	15,000	14,000	15,000
50025	Outside Professional Services	3,391	10,000	5,000	10,000
50030	Special Department Expenses	1,057	1,500	1,500	1,500
50040	Rents & Leases	0	1,000	950	1,000
50452	Maintenance of Facilities	91,000	120,000	115,000	120,000
Total		671,291	762,000	748,450	761,100



Valley Center Municipal Water District

Operations & Facilities Construction & Maintenance

Valve Maintenance/Locations

Division Detail

Fund	Department	Division
01	04	55

Total Budget Request
\$761,100

Account No.	Detail and Justification	Budget Request
50001	Labor & Benefits - Regular	609,300
	Full-Time Equivalents 4.16	
50002	Temporary Labor	4,300
50003	Overtime	15,000
50025	Outside Professional Services	10,000
	Traffic Control 7,000	
	Asphalt Paving 3,000	
50030	Special Department Expenses	1,500
	Tools 500	
	Welding Supplies 500	
	Markout Materials/Calibration 250	
	Cones 250	
50040	Rents & Leases	1,000
	Heavy Equipment and Asphalt Breaker	
50452	Maintenance of Facilities	120,000
	Valve Replacement/Repairs 25,000	
	Appurtenance Repair & Replacement Parts 20,000	
	Spools and AVK 20,000	
	Fire Hydrants 15,000	
	Air Vacs and Covers 12,000	
	Air Vac Screens 5,500	
	Valve Post Materials 5,500	
	Blow Offs 4,500	
	Valve Can Materials 3,500	
	Cement 2,750	
	Paint 2,750	
	Tagging Material 2,000	
	Erosion Control Material 1,500	



Valley Center Municipal Water District

Operations & Facilities Meters

Division Summary by Expense Category

Corporate Facilities Maintenance

Fund	Department	Division
01	04	54

Account No.	Description	2021-2022	2022-2023		2023-2024
		Actual	Budget	Estimated Actual	Budget
50001	Labor & Benefits - Regular	5,725	47,600	6,300	38,000
50003	Overtime	0	500	0	500
50025	Outside Professional Services	53,101	61,500	60,111	61,500
50030	Special Department Expenses	5,749	5,000	4,461	5,000
50038	Regulatory Permits & Fees	5,347	3,500	3,600	3,500
50452	Maintenance of Facilities	13,412	22,000	19,500	22,000
50991	Expense Credit	(7,085)	(7,511)	(7,511)	(6,893)
Total		76,249	132,589	86,461	123,607



Valley Center Municipal Water District

Operations & Facilities Meters

Division Detail

Corporate Facilities Maintenance

Fund	Department	Division
01	04	54

Total Budget Request
\$123,607

Account No.	Detail and Justification	Budget Request
50001	Labor & Benefits - Regular	38,000
	Full-Time Equivalents 0.22	
50003	Overtime	500
50025	Outside Professional Services	61,500
	Janitorial Service	16,000
	Air Conditioner Repairs/Service	10,000
	Asphalt Seal	10,000
	Trash Pickup	8,000
	Internal Window, Floor Cleaning	4,000
	Bug and Termite Treatment	3,000
	Carpet Cleaning	3,000
	Generator Load Testing	2,500
	Miscellaneous	5,000
50030	Special Department Expenses	5,000
	Breakroom Supplies	3,500
	Miscellaneous Supplies	1,500
50038	Regulatory Permit & Fees	3,500
	Emergency Stationary Gen-sets	2,250
	Environmental Health Permit	1,250
50452	Maintenance of Facilities	22,000
	Building Maintenance	11,500
	Special Cleaning of Building	4,000
	Janitor Supplies	3,000
	Floor Mats/Lighting	2,500
	Miscellaneous	1,000
50991	Expense Credit	(6,893)
	Reimbursement from Sewer Funds for Administrative Overhead	



Valley Center Municipal Water District

Operations & Facilities Meters

Division Summary by Expense Category

Meter Installation

Fund	Department	Division
01	04	61

Account No.	Description	2021-2022	2022-2023		2023-2024
		Actual	Budget	Estimated Actual	Budget
50001	Labor & Benefits - Regular	84,589	130,700	93,000	121,200
50002	Temporary Labor	2,444	0	607	0
50003	Overtime	299	1,200	2,359	2,000
50025	Outside Professional Services	2,370	7,500	3,936	7,500
50030	Special Department Expenses	0	1,000	1,000	1,000
50038	Regulatory Permits & Fees	0	250	0	250
50040	Rents & Leases	0	400	315	400
50446	Installation Material-Meters	303,213	130,000	333,904	150,000
50451	Maintenance of Vehicles	34,414	32,000	36,555	34,000
50457	Installation Material-Backflows	281,251	115,000	334,789	150,000
Total		708,580	418,050	806,465	466,350



Valley Center Municipal Water District

Operations & Facilities Meters

Division Detail

Meter Installation

Fund	Department	Division
01	04	61

Total Budget Request
\$466,350

Account No.	Detail and Justification	Budget Request
50001	Labor & Benefits - Regular	121,200
	Full-Time Equivalents 0.77	
50002	Temporary Labor	0
50003	Overtime	2,000
50025	Outside Professional Services	7,500
50030	Special Department Expenses	1,000
50038	Regulatory Permits & Fees	250
	Excavation Permits	
50040	Rents & Leases	400
50446	Installation Material-Meters	150,000
50451	Vehicle Maintenance	34,000
50457	Installation Material - Backflows	150,000
	Including Approved Double Check Valves, RP Devices and Fire Protection	



Valley Center Municipal Water District

Operations & Facilities Meters

Division Summary by Expense Category

Meter Reading

Fund	Department	Division
01	04	62

Account No.	Description	2021-2022	2022-2023		2023-2024
		Actual	Budget	Estimated Actual	Budget
50001	Labor & Benefits - Regular	2,780	13,300	7,100	14,100
50003	Overtime	(11)	1,000	190	1,000
50030	Special Department Expenses	0	1,000	1,000	1,000
50459	Software Technical Support	35,962	52,000	37,000	52,000
Total		38,731	67,300	45,290	68,100



Valley Center Municipal Water District

Operations & Facilities Meters

Division Detail

Meter Reading

Fund	Department	Division
01	04	62

Total Budget Request
\$68,100

Account No.	Detail and Justification		Budget Request
50001	Labor & Benefits - Regular		14,100
	Full-Time Equivalents	0.08	
50003	Overtime		1,000
50030	Special Department Expenses		1,000
	Misc. Tools and Equipment	1,000	
50459	Software Technical Support		52,000
	AMI Technology Support & Maintenance	52,000	



Valley Center Municipal Water District

Operations & Facilities Meters

Division Summary by Expense Category

Service Connection Maintenance

Fund	Department	Division
01	04	63

Account No.	Description	2021-2022	2022-2023		2023-2024
		Actual	Budget	Estimated Actual	Budget
50001	Labor & Benefits - Regular	1,047,070	937,300	1,003,900	954,400
50002	Temporary Labor	29,400	42,500	35,473	49,100
50003	Overtime	33,350	45,000	27,174	45,000
50025	Outside Professional Services	14,980	35,000	23,335	35,000
50030	Special Department Expenses	0	2,000	2,000	2,000
50040	Rents & Leases	0	500	168	500
50452	Maintenance of Facilities	195,539	143,500	154,071	155,000
Total		1,320,339	1,205,800	1,246,121	1,241,000



Valley Center Municipal Water District

Operations & Facilities Meters

Division Detail

Service Connection Maintenance

Fund	Department	Division
01	04	63

Total Budget Request
\$1,241,000

Account No.	Detail and Justification	Budget Request
50001	Labor & Benefits - Regular	954,400
	Full-Time Equivalents 5.42	
50002	Temporary Labor	49,100
50003	Overtime	45,000
50025	Outside Professional Services	35,000
	Flagging Assistance 25,000	
	Asphalt Paving 10,000	
50030	Special Department Expenses	2,000
	Pressure Recorder Transducers 750	
	Meter Security Locks 500	
	Miscellaneous Tools & Equipment 750	
50040	Rents & Leases	500
50452	Maintenance of Facilities	155,000
	Maintenance Parts and Materials 56,000	
	Replace Deteriorated Services 36,000	
	Meter Repairs and Usage Exchanges 30,000	
	Security Measures (Meters) 10,000	
	Asphalt Repairs 7,000	
	Repair/Replace Pressure Reducing Valves 4,000	
	Repair/Replace Clay Valves 6,000	
	Traffic Control Equipment 3,000	
	Adapter Fittings for Auxiliary Hose 2,000	
	Shoring Repair Kits and Pump 1,000	



Valley Center Municipal Water District

Operations & Facilities Meters

Division Summary by Expense Category

Backflow Maintenance

Fund	Department	Division
01	04	65

Account No.	Description	2021-2022	2022-2023		2023-2024
		Actual	Budget	Estimated Actual	Budget
50001	Labor & Benefits - Regular	131,475	189,600	127,200	200,200
50003	Overtime	2,123	4,000	1,900	4,000
50025	Outside Professional Services	1,411	2,500	2,139	2,500
50030	Special Department Expenses	0	1,000	1,000	1,000
50452	Maintenance of Facilities	195,042	70,000	170,601	60,000
Total		330,051	267,100	302,840	267,700



Valley Center Municipal Water District

Operations & Facilities Meters

Division Detail

Backflow Maintenance

Fund	Department	Division
01	04	65

Total Budget Request
\$267,700

Account No.	Detail and Justification	Budget Request
50001	Labor & Benefits - Regular	200,200
	Full-Time Equivalents 1.12	
50003	Overtime	4,000
50025	Outside Professional Services	2,500
	Repair and Calibration of Test Equipment: Potable Water	2,500
50030	Special Department Expenses	1,000
	New Testing Supply Requirements	500
	Repair Tools and Fixtures	300
	Test Equipment for Reclaimed Water	200
50452	Maintenance of Facilities	60,000
	Replacement Devices	17,000
	Reduced Pressure (RP) Repair Parts	21,500
	Double Check (DC) Repair Parts	21,500



Source of Supply



FUNCTION OVERVIEW

This department represents commodity costs which are generally not under the control of the District.

The District purchases all of its water from the San Diego County Water Authority (SDCWA) which in turn purchases its water from the Metropolitan Water District of Southern California (MWD), Imperial Irrigation District, and the Carlsbad Seawater Desalination Plant.

Certified agricultural water purchases receive rebates for the SDCWA's emergency storage program, supply reliability, and markup in the melded rate supply cost used to pay for additional water supplies such as transfers from the Imperial Irrigation District. These rebates, were approximately \$593 per acre foot as of January 1, 2023, are passed through to qualifying agricultural customers.

The District must also pay the MWD and SDCWA fixed charges described below.

This division also accounts for the cost of electric and natural gas utilities which are used for pumping water through the distribution system.

ACCOMPLISHMENTS FOR 2022-2023

Water delivery charges represent pass-through costs of water sold. The District continues to work to keep these costs as low as possible in two ways. First, customer accounts are monitored for excessive usage and water distribution facilities are patrolled to locate and stop water losses as quickly as possible. Second, District management is actively involved in monitoring MWD and SDCWA strategies to maintain affordable water rates and worked diligently to continue agricultural discounts.

CHALLENGES FOR 2023-2024

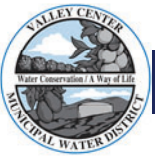
The use of fixed charges by MWD and SDCWA leaves the District exposed if water sales drop below historical levels, as we have seen, because of continued uncertainties in the agricultural community and wholesale water rate increases.

Energy supplies and costs will be of continuing concern, with higher rates from SDG&E. Efforts to keep water supply costs at the lowest level possible will continue through work with MWD and SDCWA and with the District continuing to invest in photo-voltaic installations at District facilities.

GOALS FOR 2023-2024

The costs of water and utilities accounted for in this division are controlled by other departments, particularly the Operations & Facilities Department, with management from the General Administration Department. Energy costs are reduced by the efforts of Operations by monitoring water usage trends to enable pump stations to be run as efficiently and economically as possible.

The proposed wholesale water rate information obtained from the SDCWA indicates that their rates are to increase by 10.1% for treated water and 8.6% for certified agricultural over the current adopted rates. The SDCWA includes a melded rate supply cost for additional water supplies such as that received from the Imperial Irrigation District. The melded rate supply cost, not firm at this time, is projected to be \$316 in January 2024.



Final rate recommendations will be based on wholesale rates actually adopted by the SDCWA. Also included in the water charges the District is required to pay SDCWA and MWD in 2024 are fixed charges for capacity, ready-to-serve, customer service, emergency storage, and supply reliability. The District calculates the per-acre-foot equivalent of these charges by dividing the total charges by projected water sales, less a 10% reserve for sales levels under budgeted amounts. For the fiscal year ending 2024 budgeted sales are 16,000 acre feet and the fixed charges totaling \$4,223,005 are allocated over 14,400 acre feet. Total fixed charges for 2024 are \$6,122, or 0.14%, lower than the estimated actual in Fiscal Year 2022-23.

The total PSAWR price differential for 2024 is projected at \$676 per acre foot, up \$83 per acre foot from \$593 in calendar year 2023.

LONG-TERM GOALS

The costs of water, ready-to-serve, customer service, capacity reservation, emergency storage, supply reliability, and infrastructure access charges, along with agricultural water discounts will continue to require the District to adapt, as will the ongoing uncertainty in the energy markets, and continued uncertainties in the agricultural community.



Valley Center Municipal Water District

Source of Supply

Division Summary by Expense Category

Fund	Department	Division
01	04	41

Account No.	Description	2021-2022	2022-2023		2023-2024
		Actual	Budget	Estimated Actual	Budget
	WATER PURCHASES (ACRE FEET)	@ 17,131	@ 17,550	@ 15,320	@ 17,020
50321	Water Supply Charge - MWD & CWA	22,056,322	23,838,650	20,988,800	25,418,650
50368	Water Delivery Charge - CWA	2,777,607	3,036,150	2,730,270	3,040,940
50369	Agricultural Rebate - CWA	(1,841,009)	(2,356,373)	(1,799,760)	(2,582,381)
50371	Water Delivery Credit - CWA/USBR	(171,914)	(198,930)	(173,412)	(217,075)
50378	Transportation Credit - CWA/USBR	(28,395)	(32,870)	(28,600)	(34,390)
50186	Ready to Serve Charge	501,466	567,002	555,296	515,964
50081	Infrastructure Access Charge	747,228	752,700	752,724	800,000
50394	Capacity Reservation Charge - MWD	552,818	495,955	495,956	439,795
50397	Customer Service Charge - CWA	1,246,556	1,210,616	1,210,616	1,225,362
50399	Emergency Storage Charge - CWA	1,163,616	1,183,879	1,183,878	1,211,610
50337	Supply Reliability Charge - CWA	738,315	783,383	783,381	830,274
	Total Water	27,742,610	29,280,162	26,699,149	30,648,749
50045	Utilities - Electricity	1,402,408	1,375,600	1,606,640	1,868,000
50047	Utilities - Natural Gas	580,245	647,400	745,860	879,000
	Total Utilities	1,982,653	2,023,000	2,352,500	2,747,000
	Total	29,725,263	31,303,162	29,051,649	33,395,749



Valley Center Municipal Water District

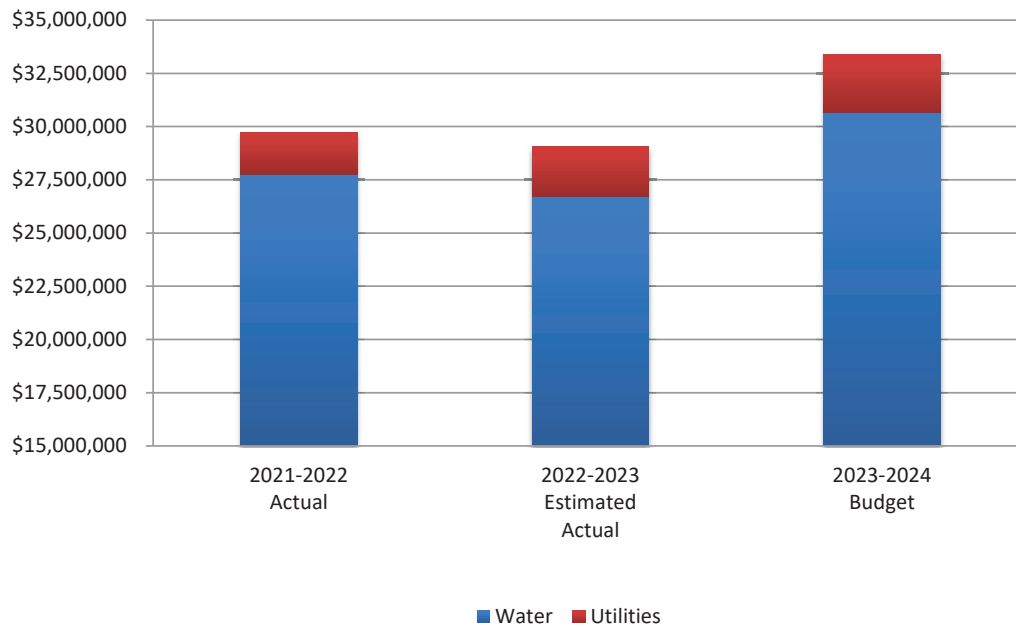
Source of Supply

Department Summary by Division

Fund	Department	Division
01	04	41

Division No.	Description	2021-2022	2022-2023		2023-2024
		Actual	Budget	Estimated Actual	Budget
41	Source of Supply	29,725,263	31,303,162	29,051,649	33,395,749
TOTAL SOURCE OF SUPPLY		29,725,263	31,303,162	29,051,649	33,395,749

Division Expenses





Valley Center Municipal Water District

Source of Supply

Division Detail

Fund	Department	Division
01	04	41

Total Budget Request
\$33,395,749

Account No.	Detail and Justification	Budget Request
	Jul to Dec	Jan to Jun
50321	Water Supply Charge	25,418,650
	To MWD & CWA -	
	Expected purchases in AF	1,435.00 1,600.00
	Expected purchases in \$	10,990 6,030
		15,770,650 9,648,000
50368	Water Delivery Charge	3,040,940
	To MWD & CWA -	
	Expected purchases in AF	173.00 189.00
	Expected purchases in \$	10,990 6,030
		1,901,270 1,139,670
50369	Agricultural Rebate - CWA	(2,582,381)
	Ag Discount Rate	(230.00) (297.00)
	Estimated Ag purchases in AF	6,723 3,489
		(1,546,234) (1,036,146)
50371	Water Supply Credit - CWA/USBR	(217,075)
	M&I Supply Rate	(1,085.00) (1,200.00)
	Estimated purchases in AF	95 95
		(103,075) (114,000)
50378	Transportation Credit - CWA/USBR	(34,390)
	Water Delivery Rate	(173.00) (189.00)
	Estimated purchases in AF	95 95
		(16,435) (17,955)
50186	Ready to Serve Charge	515,964
50081	Infrastructure Access Charge	800,000
50394	Capacity Reservation Charge - MWD	439,795
	This charge is levied to recover the cost of providing peak capacity within the distribution system. It is based on a five-year rolling average of member agency flows during coincident peak weeks.	
50397	Customer Service Charge - CWA	1,225,362
	This charge is based on a three-year rolling average of all deliveries. It is levied to recover estimated costs necessary to support the functioning of the Authority, to develop policies and implement programs that benefit the region.	
50399	Emergency Storage Charge - CWA	1,211,610
	This charge is based on a three-year rolling average of non-agricultural deliveries. It is levied to recover costs associated with the Emergency Storage Program.	



Valley Center Municipal Water District

Source of Supply

Division Detail

Fund	Department	Division
01	04	41

Account No.	Detail and Justification	Budget Request
50337	Supply Reliability Charge - CWA	830,274
50045	Utilities - Electrical	1,868,000
50047	Utilities - Natural Gas	879,000
Utilities are based on sale of 16,000 A.F. and purchase of 17,020 A.F. @ \$176 per A.F.		
Electric 68%		1,868,000
Natural Gas 32%		879,000
Total		<u>2,747,000</u>



Valley Center Municipal Water District

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Capital Outlay

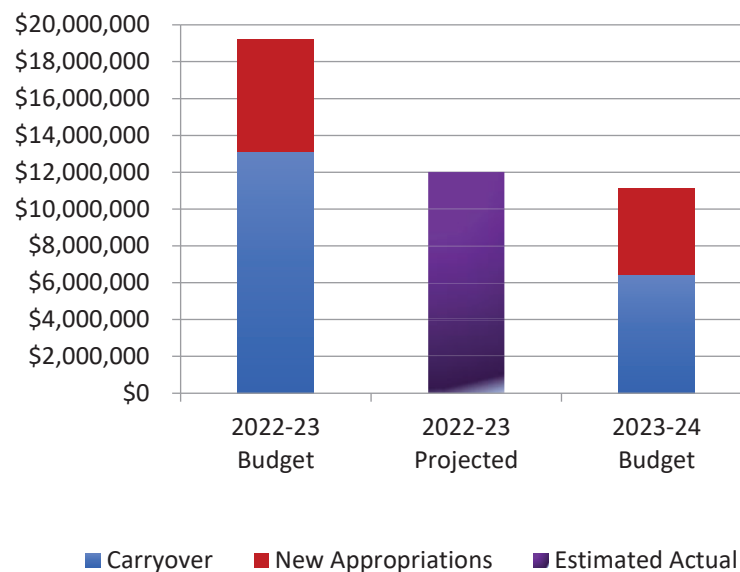


FUNCTION OVERVIEW

Plan, design, acquire rights of way, bid, construct, manage, and inspect specific projects, approved by the Board, that expand the capacity or otherwise increase or improve the service reliability of the water supply and distribution systems or wastewater collection, treatment, and disposal systems. The general goals are to efficiently plan and manage these projects for the lowest overall cost, taking into account both initial and long term costs, as well as the needs identified in the District's Master Plan.

A complete schedule of projects under construction, proposed, and completed is presented on page 10-2.

Capital Outlay





Fiscal Year 2022-2023 Recent Accomplishments & Performance Indicators	Performance Standard	Strategic Plan Goal*					
		Water Supply	Infrastructure	Finance	Technology	Energy	Compensation & Benefits
Staff completed design of the North County Emergency Storage Project that began in 2019 in partnership with San Diego County Water Authority (SDCWA) and Yuima MWD (YMWD). The project was bid and awarded, construction agreements with the SDCWA and YMWD were executed. Construction is scheduled to begin in June 2023 and will continue through December 2024.		✓	✓				
Continued to use the Advanced Metering Infrastructure (AMI) technology to measure, collect, and analyze real-time data from customers' water meters. The system uses the existing District-wide wireless communication infrastructure to transfer the data from the AMI collector systems that are deployed at remote facilities.					✓		
Staff expanded the GIS database by adding data that previous did not exist, allowing more analytical capabilities to support the growing demands of the District. The following has been added: Easement access gates, active encroachments, low pressure grinder pumps, and adding record information of AMI and Cell towers. Recently, easements have started to be digitized and added to the geospatial database.					✓		
Staff continues with the District wide Computer Maintenance Management System (CMMS) project by continuing the second phase of the Cityworks implementation. Phase 2 converts the Operations and Facilities Division to Cityworks for all work orders and inspections, digital workflows for the encroachment process, electronic work orders for fleet, warehouse inventory for fleet parts and integration of the current backflow program with Cityworks for a fully electronic work process.					✓		
Staff continued to research the feasibility of in-house construction of a small-scale solar project at various sites to reduce energy consumption and improve the District's carbon footprint. Staff continued to work with Bluepath Finance Inc. on the design and installation of a combined 0.431 MW of Photovoltaic solar at the Corporate Facility and Lower Moosa Canyon Water Reclamation Facility via Power Purchase Agreements.					✓		
Staff has satisfied multiple regulatory compliance items that were due in Fiscal Year 2022-2023. The following were completed or will be completed in Fiscal Year 2022-2023: Turner Dam Emergency Plan Update and District Emergency Response Plan Update, as well as supported various San Diego County Regional Planning updates.	12		✓				
Continued its Reservoir Painting and Recoating program with Weaver, San Gabriel, Meadows No. 1 and Reid Hill Reservoirs completed recently. Two more reservoirs are planned for the FY2023-2024 cycle.	8, 9		✓				



Fiscal Year 2023-2024 Goals & Objectives	Performance Standard	Strategic Plan Goal*					
		Water Supply	Infrastructure	Finance	Technology	Energy	Compensation & Benefits
Completed construction of improvements for the provision of emergency water supply to VCMWD's VC3 Service Area and Yuima MWD as part of the San Diego County Water Authority's North County Emergency Supply Project.		✓					
Continue to appraise, examine, and improve the District's infrastructure to prevent major system failures, prioritize proposed projects and update the Water Master plan as appropriate.			✓				
When appropriate utilize District staff and Design/Drafting Consultants to prepare CIP designs in-house rather than turnkey engineering design contracts. Engineering staff has the expertise and ability to complete a majority of the proposed capital improvement projects in-house, realizing a significant savings in cost and time over soliciting and awarding design contracts to consulting engineering firms. In order to streamline the design process, certain sub-contract design professionals; surveying, traffic control, electrical, etc. can be utilized when specialty designs are needed for a project. Larger projects would continue to be awarded to engineering consultants to provide the additional staff needed for more timely completion and when additional expertise is needed.			✓				
Continue implementation of a new Computerized Maintenance Management System (CMMS) that supports mobile users, has better usability, and integrates with existing GIS, financial, and other databases in the District. Phase One has been completed and Phase Two will continue throughout Fiscal Year 2023-24. Additional phases are planned in the following fiscal years.					✓		
Oversee completion of the Corporate Facility Photovoltaic Solar Project to offset energy consumption, demand charges, and electric costs.						✓	
Acquisition of suitable funding opportunities for capital improvement projects, including local water supply, reclamation, and solar power generation projects.				✓			
Review and refinement of the District's Standard Specifications for Design and Construction, and updating the web site postings as documents are revised.			✓				

Long-Term Goals & Objectives	Performance Standard	Strategic Plan Goal*					
		Water Supply	Infrastructure	Finance	Technology	Energy	Compensation & Benefits
Design and construct the projects as identified in the Water Master Plan and Financial Model.		✓					
Design for the expansion of existing facilities in an economic and efficient manner while minimizing impacts to customer service.		✓	✓	✓			
Work with the County of San Diego on future road improvement projects, coordinating the replacement and relocation of District Facilities as appropriate.			✓				
Development of District-wide facility requirements due to conversion from predominately agricultural uses to urban uses, changing water conservation practices, and County modification of land use entitlements through the General Plan Update process.		✓					



Valley Center Municipal Water District

Capital Outlay Budget Summary

Fund	Department	Division
01	06	78

Acct. No.	Capital Project Request See Page	Description	Mid-Year Budget Adjustments 2022-2023	Total Approved Budget 2022-2023	Total Estimated Expenditures 2022-2023	Recaptured or Not Carried Forward to 2023-2024	Estimated Budget Carried Forward to 2023-2024	New Appropriation 2023-2024	Total Approved Budget 2023-2024
Pipelines & PRV's									
51020	10-6	Participation, Upsizing, & Unspecified Repl Projects	(48,500)	151,500	-		151,500	98,500	250,000
51500	10-7	Pipeline Condition Assessment		150,000	5,000		145,000	50,000	195,000
51150		North Broadway Pipeline Relocation		67,388	7,388		60,000		60,000
51200	10-8	NCESP 14-inch Pipeline Relocation		660,300	37,300		623,000	100,000	723,000
5151X		Water System Upgrade Projects		-	-		-		-
51513		Keys Creek Pipeline Replacement		37,879	7,879		30,000		30,000
51690		Cole Grade Road Pipeline Replacement		896,819	6,819		890,000		890,000
51412		Gordon Hill Pipeline Replacement		3,272,383	2,522,383		750,000		750,000
51415		Oat Hill Discharge & Alps Way Pipeline Replacement		1,064,963	1,064,963		-		-
51417		Lilac Road Pipeline Upsizing		3,544,904	1,944,904		1,600,000		1,600,000
51420		Old Castle Waterline Replacement Project Phase 2		48,327	8,327		40,000		40,000
51460		Duffwood Project		191,381	165,751	(25,630)	-		-
51120	10-9	2020 DWSRF Loan Application		21,769	14,799		6,970	20,000	26,970
51121		2023 DWSRF Loan Application		41,617	21,617		20,000		20,000
51910	10-10	Gordon Hill Upper Pipeline Relocation Project		28,374	13,374		15,000	350,000	365,000
51920		Circle R Property Acquisition	48,500	48,500	36,000	(12,500)	-		-
Subtotal Pipelines & PRV's			-	10,226,104	5,856,504	(38,130)	4,331,470	618,500	4,949,970
Pump Stations									
51160		Pump & Motor Replacements		49,080	-		49,080		49,080
51050		Natural Gas Engine Controls Upgrade & Automation		68,626	48,026		20,600		20,600
51430		Automation of Bypass Valve Controls		11,926	4,718		7,208		7,208
51440		San Gabriel PS Controls Upgrade & Automation		24,519	22,019		2,500		2,500
51080		Pump Station Power Monitors		56,220	35,831		20,389		20,389
Subtotal Pump Stations			-	210,371	110,594	-	99,777	-	99,777
Reservoirs									
51130	10-11	Reservoir Mixing Systems		26,003	25,903		100	37,000	37,100
51230		Kornblum Reservoir Mixing and Chlorination		300,000	142,000		158,000		158,000
51930	10-12	Paradise Reservoir Site Chloramine Boosting System					-	214,500	214,500
51940	10-13	Cobb Reservoir Mixing and Chloramination Pilot					-	50,000	50,000
51380		Reidy Canyon Area Reservoir		1,852	-	(1,852)	-		-
51300		Reservoir Painting and Recoating Projects		78,032	13,032	(65,000)	-		-
51303	10-14	Ridge Ranch Reservoir & PS Replacement		81,332	31,332		50,000	900,000	950,000
51307		Weaver Reservoir		395,523	344,679	(50,844)	-		-
51401		Burnt Mountain/Reidy Canyon No. 1-2 Reservoirs		1,269,139	1,157,255	(111,884)	-		-
51403		San Gabriel No. 1 Reservoir		2,040,000	1,840,000		200,000		200,000
51404		Mtn Meadows No. 1 & Reid Hill Reservoirs		1,590,000	1,580,000		10,000		10,000
51405	10-15	McNally and Mizpah Reservoirs						2,250,000	2,250,000
Subtotal Reservoirs			-	5,781,881	5,134,201	(229,580)	418,100	3,451,500	3,869,600
Data Management Systems									
51240		Server Virtualization, Storage, Disaster Recovery		96,562	77,862		18,700		18,700
51680		Advanced Metering Infrastructure System	(45,000)	48,276	-		48,276		48,276
51040		Boardroom A/V Technology Upgrade		26,579	14,679		11,900		11,900
51480	10-16	Computerized Maintenance Management System		103,471	49,021		54,450	30,000	84,450
51730		Water System HMI Migration		266,959	36,959		230,000		230,000
51470		Enterprise Resource Planning Software Upgrade		750,000	-	(500,000)	250,000		250,000
51770		Document Management System		65,000	5,000		60,000		60,000
51780		GIS Easement Integration		75,000	17,500		57,500		57,500
51740	10-17	PRV SCADA Integration					-	16,000	16,000
Subtotal Data Management Systems			(45,000)	1,431,847	201,021	(500,000)	730,826	46,000	776,826
Facilities									
51648		Corporate Solar Installation		35,000	15,000		20,000		20,000
51670		Turner Dam Emergency Action Plan		70,746	70,746		-		-
51650		Emergency Response Plan		56,480	-		56,480		56,480
51590		Water Age Analysis		100,000	25,000		75,000		75,000
51570	10-18	Business Continuity Plan						75,000	75,000
Subtotal Facilities			-	262,226	110,746	-	151,480	75,000	226,480
Equipment									
51880	10-19	Electric Motor Soft Starters					-	60,000	60,000
51370	10-20	Vehicles		239,883	224,383		15,500	115,565	131,065
51371		Service Truck	45,000	475,525	215,525		260,000		260,000
51372		Dump Truck		353,525	161,525		192,000		192,000
51373		Hooklift Truck		238,800	-		238,800		238,800
51374	10-20	Service Truck 1.5-ton					-	204,750	204,750
51375	10-20	Service Truck 1.0-ton					-	136,435	136,435
Subtotal Equipment			45,000	1,307,733	601,433	-	706,300	516,750	1,223,050
Total Capital Projects			-	19,220,162	12,014,499	(767,710)	6,437,953	4,707,750	11,145,703



Valley Center Municipal Water District

Capital Outlay Budget Summary Estimated Expenditures by Year

Fund	Department	Division
01	06	78

Acct. No.	Capital Project Request See Page	Description	Estimated Budget Carried Forward to 2023-2024	New Appropriation 2023-2024	Total Approved Budget 2023-2024	Estimated Actual Expenditures 2023-2024	Estimated Actual Expenditures 2024-2025	Estimated Project Balance after 2 years
Pipelines & PRV's								
51020	10-6	Participation, Upsizing, & Unspecified Repl Projects	151,500	98,500	250,000	240,000	10,000	
51500	10-7	Pipeline Condition Assessment	145,000	50,000	195,000	195,000		
51150		North Broadway Pipeline Relocation	60,000		60,000	60,000		
51200	10-8	NCESP 14-inch Pipeline Relocation	623,000	100,000	723,000	723,000		
5151X		Water System Upgrade Projects	-		-			
51513		Keys Creek Pipeline Replacement	30,000		30,000	30,000		
51690		Cole Grade Road Pipeline Replacement	890,000		890,000	750,000	140,000	
51412		Gordon Hill Pipeline Replacement	750,000		750,000	650,000	100,000	
51415		Oat Hill Discharge & Alps Way Pipeline Replacement	-		-			
51417		Lilac Road Pipeline Upsizing	1,600,000		1,600,000	1,000,000	600,000	
51420		Old Castle Waterline Replacement Project Phase 2	40,000		40,000	40,000		
51460		Duffwood Project	-		-			
51120	10-9	2020 DWSRF Loan Application	6,970	20,000	26,970	26,970		
51121		2023 DWSRF Loan Application	20,000		20,000	20,000		
51910	10-10	Gordon Hill Upper Pipeline Relocation Project	15,000	350,000	365,000	345,000	20,000	
51920		Circle R Property Acquisition	-		-			
Subtotal Pipelines & PRV's			4,331,470	618,500	4,949,970	4,079,970	870,000	-
Pump Stations								
51160		Pump & Motor Replacements	49,080		49,080	49,080		
51050		Natural Gas Engine Controls Upgrade & Automation	20,600		20,600	20,600		
51430		Automation of Bypass Valve Controls	7,208		7,208	7,208		
51440		San Gabriel PS Controls Upgrade & Automation	2,500		2,500	2,500		
51080		Pump Station Power Monitors	20,389		20,389	20,389		
Subtotal Pump Stations			99,777	-	99,777	99,777	-	-
Reservoirs								
51130	10-11	Reservoir Mixing Systems	100	37,000	37,100	37,100		
51230		Kornblum Reservoir Mixing and Chlorination	158,000		158,000	158,000		
51930	10-12	Paradise Reservoir Site Chloramine Boosting System	-	214,500	214,500	214,500		
51940	10-13	Cobb Reservoir Mixing and Chloramination Pilot	-	50,000	50,000	50,000		
51380		Reidy Canyon Area Reservoir	-		-	-		
51300		Reservoir Painting and Recoating Projects	-		-	-		
51303	10-14	Ridge Ranch Reservoir & PS Replacement	50,000	900,000	950,000	700,000	250,000	
51307		Weaver Reservoir	-		-	-		
51401		Burnt Mountain/Reidy Canyon No. 1-2 Reservoirs	-		-	-		
51403		San Gabriel No. 1 Reservoir	-		-	-		
51404		Mtn Meadows No. 1 & Reid Hill Reservoirs	200,000		200,000	195,000	5,000	
51405	10-15	McNally and Mizpah Reservoirs	10,000	2,250,000	2,260,000	1,560,000	700,000	
Subtotal Reservoirs			418,100	3,451,500	3,869,600	2,914,600	955,000	-
Data Management Systems								
51240		Server Virtualization, Storage, Disaster Recovery	18,700		18,700	18,700		
51680		Advanced Metering Infrastructure System	48,276		48,276	48,276		
51040		Boardroom A/V Technology Upgrade	11,900		11,900	11,900		
51480	10-16	Computerized Maintenance Management System	54,450	30,000	84,450	84,450		
51730		Water System HMI Migration	230,000		230,000	230,000		
51470		Enterprise Resource Planning Software Upgrade	250,000		250,000	100,000	150,000	
51770		Document Management System	60,000		60,000	60,000		
51780		GIS Easement Integration	57,500		57,500	57,500		
51740	10-17	PRV SCADA Integration	-	16,000	16,000	16,000		
Subtotal Data Management Systems			730,826	46,000	776,826	626,826	150,000	-
Facilities								
51648		Corporate Solar Installation	20,000		20,000	20,000		
51670		Turner Dam Emergency Action Plan	-		-	-		
51650		Emergency Response Plan	56,480		56,480	56,480		
51590		Water Age Analysis	75,000		75,000	75,000		
51570	10-18	Business Continuity Plan	-	75,000	75,000	75,000		
Subtotal Facilities			151,480	75,000	226,480	226,480	-	-
Equipment								
51880	10-19	Electric Motor Soft Starters	-	60,000	60,000	60,000		
51370	10-20	Vehicles	15,500	115,565	131,065	131,065		
51371		Service Truck	260,000		260,000	260,000		
51372		Dump Truck	192,000		192,000	192,000		
51373		Hooklift Truck	238,800		238,800	238,800		
51374	10-20	Service Truck 1.5-ton	-	204,750	204,750	204,750		
51375	10-20	Service Truck 1.0-ton	-	136,435	136,435	136,435		
Subtotal Equipment			706,300	516,750	1,223,050	1,223,050	-	-
Total Capital Projects			6,437,953	4,707,750	11,145,703	9,170,703	1,975,000	-



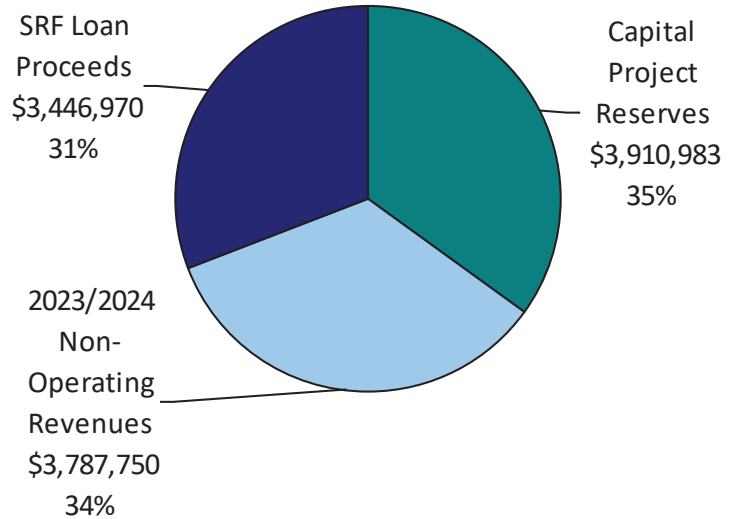
Capital Outlay Source of Funding Water

All projects are funded by one or more of the following methods:

Capital Reserves: There are three types of Capital Reserves.

1. Reserve for Continuing Projects are unexpended appropriations carried forward from prior years.
2. Reserve for Capital Improvements are water availability charges not allocated to RTS and debt service, Property Taxes, plus earnings not reserved for other purposes that have been collected in prior years.
3. Capacity Charge Reserves are funds collected for public facilities in existence at the time a capacity charge is imposed or for new facilities to be acquired or constructed in the future.

Capital Outlay Source of Funding



Non-Operating Revenues: Current year annual non-operating revenues including Water Availability charges not allocated to readiness-to-serve (RTS) and debt service, Property Taxes, and Lease of Facilities plus earnings not reserved for other purposes.

SRF Loan Proceeds: The District is in various stages of the State Revolving Fund (SRF) Loan application process for several projects. Construction will not proceed until SRF Loan approval has been received.

Each Capital Project Request beginning on page 10-6 of this budget document displays a table at the top of the page that looks similar to the one below.

New Item	Type	Master Plan Priority	Project ID	Source of Funding 2023/2024	Strategic Plan Standard	Goal
	Replacement	A	CV010	Non-Operating Revenues	8, 9	II

Indicates whether the project request is for a new item, a replacement, or a continuing project.

Correlates to the District's Master Plan document, not included in this budget. A copy can be provided upon request.

Correlates to the Source of Funding described above.

Correlates to the Strategic Plan Goals and Performance Standards described in the Budget Message beginning on page 1-21 of this budget document.

The table on the following page includes all capital projects with their source of funding identified.



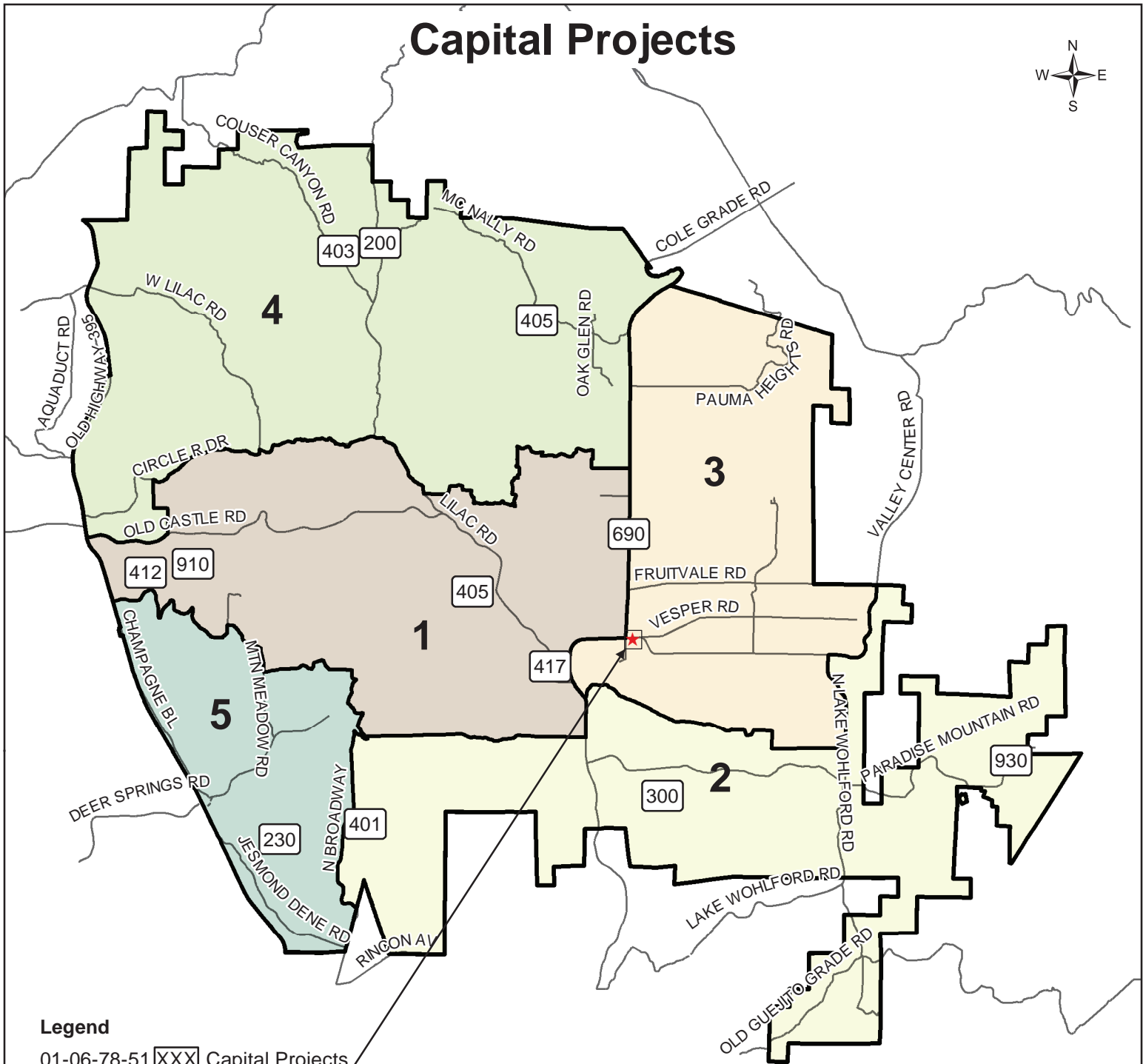
Valley Center Municipal Water District

Capital Outlay Source of Funding

Fund	Department	Division
01	06	78

Acct. No.	Capital Project Request See Page	Description	Source of Funding			Total Approved Budget 2023-2024
			Capital Reserves	2023-2024 Non-Operating Revenues	State Revolving Fund Loan Proceeds	
Pipelines & PRV's						
51020	10-6	Participation, Upsizing, & Unspecified Repl Projects	151,500	98,500		250,000
51500	10-7	Pipeline Condition Assessment	145,000	50,000		195,000
51150		North Broadway Pipeline Relocation			60,000	60,000
51200	10-8	NCESP 14-inch Pipeline Relocation	623,000	100,000		723,000
5151X		Water System Upgrade Projects				-
51513		Keys Creek Pipeline Replacement	30,000			30,000
51690		Cole Grade Road Pipeline Replacement	890,000			890,000
51412		Gordon Hill Pipeline Replacement			750,000	750,000
51415		Oat Hill Discharge & Alps Way Pipeline Replacement				-
51417		Lilac Road Pipeline Upsizing			1,600,000	1,600,000
51420		Old Castle Waterline Replacement Project Phase 2			40,000	40,000
51460		Duffwood Project				-
51120	10-9	2020 DWSRF Loan Application			26,970	26,970
51121		2023 DWSRF Loan Application			20,000	20,000
51910	10-10	Gordon Hill Upper Pipeline Relocation Project	15,000	350,000		365,000
51920		Circle R Property Acquisition				-
Subtotal Pipelines & PRV's			1,854,500	598,500	2,496,970	4,949,970
Pump Stations						
51160		Pump & Motor Replacements	49,080			49,080
51050		Natural Gas Engine Controls Upgrade & Automation	20,600			20,600
51430		Automation of Bypass Valve Controls	7,208			7,208
51440		San Gabriel PS Controls Upgrade & Automation	2,500			2,500
51080		Pump Station Power Monitors	20,389			20,389
Subtotal Pump Stations			99,777	-	-	99,777
Reservoirs						
51130	10-11	Reservoir Mixing Systems	100	37,000		37,100
51230		Kornblum Reservoir Mixing and Chlorination	158,000			158,000
51930	10-12	Paradise Reservoir Site Chloramine Boosting System		214,500		214,500
51940	10-13	Cobb Reservoir Mixing and Chloramination Pilot		50,000		50,000
51380		Reidy Canyon Area Reservoir				-
51300		Reservoir Painting and Recoating Projects				-
51303	10-14	Ridge Ranch Reservoir & PS Replacement			950,000	950,000
51307		Weaver Reservoir				-
51401		Burnt Mountain/Reidy Canyon No. 1-2 Reservoirs				-
51403		San Gabriel No. 1 Reservoir	200,000			200,000
51404		Mtn Meadows No. 1 & Reid Hill Reservoirs	10,000			10,000
51405	10-15	McNally and Mizpah Reservoirs		2,250,000		2,250,000
Subtotal Reservoirs			368,100	2,551,500	950,000	3,869,600
Data Management Systems						
51240		Server Virtualization, Storage, Disaster Recovery	18,700			18,700
51680		Advanced Metering Infrastructure System	48,276			48,276
51040		Boardroom A/V Technology Upgrade	11,900			11,900
51480	10-16	Computerized Maintenance Management System	54,450	30,000		84,450
51730		Water System HMI Migration	230,000			230,000
51470		Enterprise Resource Planning Software Upgrade	250,000			250,000
51770		Document Management System	60,000			60,000
51780		GIS Easement Integration	57,500			57,500
51740	10-17	PRV SCADA Integration		16,000		16,000
Subtotal Data Management Systems			730,826	46,000	-	776,826
Facilities						
51648		Corporate Solar Installation	20,000			20,000
51670		Turner Dam Emergency Action Plan				-
51650		Emergency Response Plan	56,480			56,480
51590		Water Age Analysis	75,000			75,000
51570	10-18	Business Continuity Plan		75,000		75,000
Subtotal Facilities			151,480	75,000	-	226,480
Equipment						
51880	10-19	Electric Motor Soft Starters		60,000		60,000
51370	10-20	Vehicles	15,500	115,565		131,065
51371		Service Truck	260,000			260,000
51372		Dump Truck	192,000			192,000
51373		Hooklift Truck	238,800			238,800
51374	10-20	Service Truck 1.5-ton		204,750		204,750
51375	10-20	Service Truck 1.0-ton		136,435		136,435
Subtotal Equipment			706,300	516,750	-	1,223,050
Total Capital Projects			3,910,983	3,787,750	3,446,970	11,145,703

Capital Projects



Legend

01-06-78-51 [XXX] Capital Projects

District Offices and Yard

- 370 - Vehicles
- 470 - Enterprise Resource Planning Upgrade
- 480 - Computerized Maintenance Mgmt. System
- 570 - Business Continuity Plan
- 590 - Water Age Analysis
- 648 - Corporate Solar Installation
- 650 - Emergency Response Plan
- 730 - Water System HMI Migration
- 770 - Document Management System
- 780 - GIS Easement Digitizing
- 880 - Electric Motor Soft Starters

District - Wide

- 020 - Upsizing
- 160 - Pump & Motor Replacements
- 200 - NCESP 14-inch Pipeline Relocation
- 230 - Kornblum Mixing & Chlorination
- 300 - Ridge Ranch Reservoir & Pump Station Replacement
- 403 - San Gabriel Reservoir
- 405 - McNally & Mizpah Reservoir Paint/Recoating
- 412 - Gordon Hill Pipeline Replacement
- 417 - Lilac Road Pipeline Upsizing
- 500 - Pipeline Condition Assessment
- 690 - Cole Grade Road Pipeline Replacement
- 910 - Gordon Hill Upper Pipeline Relocation
- 930 - Paradise Reservoir Site Chloramine Boosting System



Fiscal Year 2023-2024 | Budget

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Valley Center Municipal Water District

ACCOUNT NO.: 01-06-78-5020

DEPARTMENT: Engineering

CAPITAL PROJECT REQUEST

Participation, Upsizing and Unspecified Replacement Projects

Continuing Project	Type	Master Plan		Source of Funding	Strategic Plan	
	Replacement	<u>Priority</u> A	<u>Project ID</u> N/A	Capital Reserves and Non-Operating Revenue	<u>Standard</u> N/A	<u>Goal</u> II

PROJECT DESCRIPTION:

This is an ongoing contingency account to fund participation in developer projects that have benefit for the District beyond the proposed development and relatively small unanticipated projects that come up during the year. General Manager authorized funding limits still apply to projects funded from this account. The Board will be apprised of projects that are authorized and Board approval obtained as required per the District's Administrative Code.

One source of unanticipated projects stems from County roadway improvement projects. The County provides staff with proposed roadway improvement plans for the District area, including their intention to replace and upsize several storm drain culverts within the roadways. These roadway improvements and potential replacements may require vertical relocation of the crossing water lines.

Board approval of funding for participation in developer projects is included as part of the project's Conceptual Approval process. Funds approved for participation are held in reserve in this account until construction is started at which time a separate account is established to track the District's capital cost for the project. Prior funding in Fiscal Year 2022-2023 for acquiring additional property at the Circle R Reservoir Site reduced the available and additional funding that is requested this fiscal year.

The following table summarizes the project funding requirements and expense allocations:

Project Budget	Prior		Estimated Budget Remaining	Proposed Budget Allocation 2023-2024	Total Budget 2023-2024	Future Budget Allocation	Future Total Project Budget	Estimated Total Project Cost
	Prior Budget	Prior Estimated Actual Expense						
Contingency Fund	200,000	48,500	151,500	98,500	250,000		250,000	298,500
Total Project	200,000	48,500	151,500	98,500	250,000	0	250,000	298,500



CAPITAL PROJECT REQUEST

Pipeline Condition Assessment

Continuing Project	Type	Master Plan		Source of Funding	Strategic Plan	
	Study	<u>Priority</u>	<u>Project ID</u>	Capital Reserves and Non-Operating Revenue	<u>Standard</u>	<u>Goal</u>
		A	N/A		8, 9	II

PROJECT DESCRIPTION:

Staff is proposing to undertake a desktop pipeline condition assessment analysis for pipeline segments identified in the District's 2020 Water Master Plan for replacement. The approach will allow staff to gain a better understanding of the type of problems and their locations within each identified segment. The information will allow staff to better target areas of concern, focusing effort and budget where it is most needed. Condition assessment has become an industry standard practice in assisting utilities to better prioritize their capital improvement plans and ensure public funds are being spent where they are most needed. The first phase of the assessment will analyze existing data about pipeline materials, age, break history, and criticality among other factors to create a prioritized list of pipelines for rehabilitation and replacement. The tool will be created in a way that allows the list to be updated over time as new data becomes available. This second phase of the assessment will utilize passive means to investigate soil conditions for areas where corrosivity is high. That data will be correlated with leak history and other factors including targeted field investigation of the pipe. The study will evaluate electrical continuity of the pipe to determine feasibility of installing cathodic protection in lieu of replacement. The assessment results and analysis will allow staff to make more informed decisions on how and where to best apply capital funds and resources towards replacement or other forms of rehabilitation. It may also reveal that certain reaches are in satisfactory condition, allowing other more critical projects to be prioritized. The alignments that will be evaluated in the second phase of assessment consist of the following: Gordon Hill Relief, McNally Reservoir Feeder, Hell Hole Canyon, Fruitvale Rd, West Lilac Road, Bingham Mesa PS & Mesa Verde PRS Feeders, and Lilac Pala PS Discharge.

The project budget that was previously allocated towards design of some of these projects was recaptured to fund this work in the FY 2022-2023 Budget. Since the initial budget of \$150,000 was established, it was found that the scope of work could be expanded through a District wide desktop analysis, described as phase 1 above, to provide insight into the condition of the distribution system as a whole for long term capital planning in addition to the targeted analysis described as phase 2 above. This expansion of the scope will require an additional budget of \$50,000. Upon completion, staff will incorporate the results of the condition assessment in future budget requests and SRF loan applications.



Valley Center Municipal Water District

ACCOUNT NO.: 01-06-78-51500
DEPARTMENT: Engineering

CAPITAL PROJECT REQUEST

Pipeline Condition Assessment (continued)

The following table summarizes the project funding requirements and expense allocations:

Project Budget	Prior Budget	Prior Estimated Actual Expense	Estimated Budget Remaining	Proposed Budget Allocation 2023-2024	Total Budget 2023-2024	Future Budget Allocation	Future Total Project Budget	Estimated Total Project Cost
Staff	20,000	5,000	15,000	10,000	25,000		25,000	30,000
Engineering	120,000		120,000	30,000	150,000		150,000	150,000
Construction								
Miscellaneous								
Contingency	10,000		10,000	10,000	20,000		20,000	20,000
Total Project	150,000	5,000	145,000	50,000	195,000	0	195,000	200,000



Valley Center Municipal Water District

ACCOUNT NO.: 01-06-78-51200
DEPARTMENT: Engineering

CAPITAL PROJECT REQUEST

NCESP 14-inch Relocation

Continuing Project	Type	Master Plan		Source of Funding	Strategic Plan	
	Replacement	<u>Priority</u> A	<u>Project ID</u> N/A	Capital Reserves and Non-Operating Revenue	<u>Standard</u> 8, 9	<u>Goal</u> II

PROJECT DESCRIPTION:

The project consists of the relocation of approximately 650 LF of 14-inch waterline from Lilac Road westward towards San Gabriel Reservoir. This portion of the existing 14-inch waterline is located in a cross-country, hard to access easement through a heavily vegetated area. The project will re-align the waterline through a private access driveway, including a 60-foot aerial creek crossing. This scope will be performed in conjunction with North County Emergency Storage Project – Valley Center Improvements, which is being funded by the Water Authority. Cost for this portion of the project will be tracked separately and funded by the District. Bids for the project were received in January 2023 and the construction contract was awarded at the April 3, 2023 Board Meeting. Construction of the project is anticipated to start in June 2023 and continue through December 2024. Additional funding is requested for the staff and engineering expenses through the construction phase of the project.

The following table summarizes the project funding requirements and expense allocations:

Project Budget	Prior		Estimated Budget Remaining	Proposed Budget Allocation	Total Budget	Future Budget Allocation	Future Total Project Budget	Estimated Total Project Cost
	Prior Budget	Estimated Actual Expense		2023-2024	2023-2024			
Staff	45,000	40,000	5,000	30,000	35,000		35,000	75,000
Engineering	45,000	52,000	(7,000)	17,000	10,000		10,000	62,000
Construction	565,000		565,000	(69,000)	496,000		496,000	496,000
CM Consultants				96,000	96,000		96,000	96,000
Miscellaneous		10,000	(10,000)	10,000				10,000
Contingency	70,000		70,000	16,000	86,000		86,000	86,000
Total Project	725,000	102,000	623,000	100,000	723,000	0	723,000	825,000



CAPITAL PROJECT REQUEST

2020 DWSRF Loan Application

Continuing Project	Type	Master Plan		Source of Funding	Strategic Plan	
	Replacement	Priority	Project ID		Standard	Goal
		A	DW001, CV050a, MW015	SRF Loan Proceeds	8 9	II

PROJECT DESCRIPTION:

This project began in Fiscal Year 2018-2019 for the purpose of producing the necessary documentation required by the Drinking Water State Revolving Fund (DWSRF) loan program application process. The project included staff time, environmental consultant, and supporting consulting services to help staff navigate the application process. Initially the approach was to group all projects that were desired to be funded over a five-year period into one application. From discussions with the State Water Resources Control Board (SWRCB), it was determined that a better approach would be to use separate applications each year for only the projects that are likely to move forward to construction within the following fiscal year. The current application completed for submittal in 2020 included the Gordon Hill, Lilac Road and Oat Hill & Alps Way Pipeline Replacement Projects. The application total amount is \$8.5M, which includes this application effort. The financing agreement was executed in March 2022, and Reimbursement for planning and design expenditures was received in October 2022. Final Budget Approval for the full \$8.5M was received in March 2023. With Final Budget Approval staff can submit construction expenditures for reimbursement.

The following table summarizes the District's current DWSRF loan obligations:

Project	Total Loan Amount	Annual Debt Service
Current DWSRF Funding (20 year debt service at 1.6% interest beginning 2020)		
Cool Valley Reservoir Cover Replacement	\$3,715,572	\$220,421
2020 DWSRF Funding (30 year debt service at estimated 1.2% interest beginning 2025)		
Gordon Hill Waterline Replacement	\$3,380,000	\$134,800
Oat Hill & Alps Way Waterline Replacement plus SRF Application	\$1,420,000	\$56,600
Lilac Rd Waterline Replacement	\$3,700,000	\$147,600
Subtotal 2020 DWSRF Funding	\$8,500,000	\$339,000
Total SRF Obligation	\$12,215,572	\$559,421



Valley Center Municipal Water District

ACCOUNT NO.: 01-06-78-51120
DEPARTMENT: Engineering

CAPITAL PROJECT REQUEST

2020 DWSRF Loan Application (continued)

Additional budget authorization is requested to fund staff expenses to process disbursements and overall management of the loan requirements through completion of the projects. The source of this budget authorization is recaptured funds from other capital projects. These application costs will be reimbursed from the DWSRF loan proceeds.

The following table summarizes the additional funding requirement to complete the 2020 DWSRF Loan Application

Project Budget	Prior		Estimated Budget Remaining	Proposed Budget Allocation	Total Budget	Future Budget	Future Total Project Budget	Estimated Total Project Cost
	Prior Budget	Estimated Actual Expense		2023-2024	2023-2024	Allocation		
Staff	93,000	92,700	300	20,000	20,300		20,300	113,000
Engineering	120,000	120,000						120,000
Construction								
Miscellaneous	22,000	20,330	1,670		1,670		1,670	22,000
Contingency	5,000		5,000		5,000		5,000	5,000
Total Project	240,000	233,030	6,970	20,000	26,970	0	26,970	260,000

**CAPITAL PROJECT REQUEST****Gordon Hill Upper Pipeline Relocation Project**

Continuing Project	Type	Master Plan		Source of Funding	Strategic Plan	
	Replacement	<u>Priority</u> A	<u>Project ID</u> N/A	Capital Reserves and Non-Operating Revenue	<u>Standard</u> 8,9	<u>Goal</u> II

PROJECT DESCRIPTION:

While reviewing the original Gordon Hill Pressure Reducing Station Relief project, staff identified a section of the pipeline that is near existing structures which makes it a good candidate for re-alignment. The 8-inch pipeline was installed in 1965 and is a cement mortar lined and tar wrapped steel pipe which meets the Master Plan criteria for replacement. The project scope includes abandoning approximately 330 linear feet of existing 8-inch waterline and installing 450 linear feet of new 8-inch PVC waterline and appurtenances along an unpaved access road to Vista Aleta. In addition to the pipeline relocation, the project will also consist of improvements to the existing pressure reducing stations which regulate pressure along the existing pipeline in this vicinity. The improvements will include pressure relief valves which alleviate pressure transients from the pipeline and extend the useful life of existing pipes.

In October 2021, a \$30,000 budget reallocation was made to establish the Gordon Hill Upper Pipeline Relocation Project [01-06-78-51910] to prepare a preliminary design and start the easement acquisition process. In the Fiscal Year 2022-2023 Annual Budget an additional \$20,000 was allocated to complete the design and easement acquisition process.

The following table summarizes the project funding requirements and expense allocations:

Project Budget	Prior Budget	Prior Estimated Actual Expense	Estimated Budget Remaining	Proposed Budget Allocation 2023-2024	Total Budget 2023-2024	Future Budget Allocation	Future Total Project Budget	Estimated Total Project Cost
Staff	20,960	14,960	6,000	17,000	23,000		23,000	37,960
Survey	16,040	16,040						16,040
Construction				300,000	300,000		300,000	300,000
Easement Acquisition	10,000	4,000	6,000		6,000		6,000	10,000
Contingency	3,000		3,000	33,000	36,000		36,000	36,000
Total Project	50,000	35,000	15,000	350,000	365,000	0	365,000	400,000



Valley Center Municipal Water District

ACCOUNT NO.: 01-06-78-51130
DEPARTMENT: Operations

CAPITAL PROJECT REQUEST

Reservoir Mixing Systems

Continuing Project	Type	Master Plan		Source of Funding	Strategic Plan	
	New Service	<u>Priority</u> A	<u>Project ID</u> N/A	Capital Reserves and Non-Operating Revenue	<u>Standard</u> 9	<u>Goal</u> II, IV

PROJECT DESCRIPTION:

Design and install reservoir mixing systems. The lower water demands have increased the water retention times within the potable water reservoirs. The extended turnover time and inadequate circulation within a reservoir can cause water quality deterioration and increase the potential of nitrification within the distribution system.

Reservoir sites are listed below:

- Rincon Reservoir
- Tyler Reservoir

The following table summarizes the project funding requirements and expense allocations:

Project Budget	Prior		Estimated Budget Remaining	Proposed Budget Allocation	Total Budget	Future Budget Allocation	Future Total Project Budget	Estimated Total Project Cost
	Prior Budget	Prior Actual Expense		2023-2024	2023-2024			
Staff	26,003	25,903	100	5,000	5,100	22,000	27,100	53,003
Mixing System	20,051	20,051		32,000	32,000		32,000	52,051
Total Project	46,054	45,954	100	37,000	37,100	22,000	59,100	105,054



Valley Center Municipal Water District

ACCOUNT NO.:

01-06-78-51930

DEPARTMENT:

Operations

CAPITAL PROJECT REQUEST

Paradise Reservoir Site Chloramine Boosting System

New Project	Type	Master Plan		Source of Funding	Strategic Plan	
	System Upgrade	<u>Priority</u> A	<u>Project ID</u> N/A	Non-Operating Revenue	<u>Standard</u> 9	<u>Goal</u> II, IV

PROJECT DESCRIPTION:

The Paradise Reservoir site consists of two reservoirs, Paradise #1 and #2 with a capacity of 1MG and 2.5MG, respectively. The Paradise Reservoirs are fed by Paradise Pump Station and supply the Paradise Mountain service area. Typically, only one of the reservoirs is in service at a time and switch seasonally depending on system demand and water storage requirements. To maintain adequate water storage levels in the service area, operation's staff is required to spend more than ideal effort and time to maintain proper water quality throughout the service area. The chloramine boosting system will inject sodium hypochlorite and liquid ammonium sulfate automatically into the reservoir based on total chlorine and oxidation-reduction potential analyzer readings to maintain water quality. The chloramine boosting system will be sized to inject into one reservoir and will be capable of switching between reservoirs.

The following table summarizes the project funding requirements and expense allocations:

Project Budget	Prior		Estimated Budget Remaining	Proposed Budget Allocation	Total Budget	Future Budget	Future Total Project Budget	Estimated Total Project Cost
	Prior Budget	Estimated Actual Expense		2023-2024	2023-2024	Allocation		
Staff				60,000	60,000		60,000	60,000
Construction				140,000	140,000		140,000	140,000
Outside Services				10,000	10,000		10,000	10,000
Contingency				4,500	4,500		4,500	4,500
Total Project	0	0	0	214,500	214,500	0	214,500	214,500



CAPITAL PROJECT REQUEST

Cobb Reservoir Mixing and Chloramination Pilot Project

New Project	Type	Master Plan		Source of Funding	Strategic Plan	
	System Upgrade	Priority A	Project ID N/A	Non-Operating Revenue	Standard 8, 9	Goal II

PROJECT DESCRIPTION:

Cobb Reservoir is an 8.8MG floating cover reservoir located in the 1840 zone. Given the size of the reservoir and relatively low demand, operations staff is forced to keep the water levels low in the reservoir and expend more than ideal effort in order to maintain proper water quality. Reservoir mixers and automatic chloramine feed systems are widely used in the industry as tools to improve efficiency of water quality management allowing for higher operating levels. Staff proposes to conduct a study and pilot program to determine and select a mixing and re-chloramination system suitable for the District's floating cover reservoirs.

Last fiscal year staff completed a pilot project at the Kornblum Reservoir identifying a reservoir mixing and re-chloramination system suitable for the above ground steel tanks. Operations staff is budgeting to install the selected equipment at other above ground steel tank sites beginning this fiscal year.

The steel reservoirs have different characteristics compared to floating cover style reservoirs, different mixing and disinfection requirements. As such, staff is proposing to conduct a similar type pilot project to identify a system that yields similar results as the steel reservoir application.

The following table summarizes the project budget and includes time and material for District staff and supporting outside services that will be involved in the study and pilot project:

Project Budget	Prior Budget	Prior Estimated Actual Expense	Estimated Budget Remaining	Proposed Budget Allocation 2023-2024	Total Budget 2023-2024	Future Budget Allocation	Future Total Project Budget	Estimated Total Project Cost
Staff				10,000	10,000		10,000	10,000
Engineering				10,000	10,000		10,000	
Construction				20,000	20,000		20,000	20,000
Outside Services				5,000	5,000		5,000	5,000
Contingency				5,000	5,000		5,000	5,000
Total Project	0	0	0	50,000	50,000	0	50,000	40,000



Valley Center Municipal Water District

ACCOUNT NO.: 01-06-78-51303
DEPARTMENT: Engineering

CAPITAL PROJECT REQUEST

Ridge Ranch Reservoir and Pump Station Replacement

Continuing Project	Type	Master Plan		Source of Funding	Strategic Plan	
	Replacement	<u>Priority</u> A	<u>Project ID</u> N/A	SRF Loan Proceeds	<u>Standard</u> 8, 9	<u>Goal</u> II

PROJECT DESCRIPTION:

The 0.1 MG Ridge Ranch Interim Reservoir is an above ground bolted steel water reservoir which serves 10 residential lots in the upper Ridge Ranch service area. The District's Water Master Plan dated, January 19, 2019, recommended the painting and recoating of the Ridge Ranch Interim Reservoir in Fiscal Year 2019-2020. Therefore, the project was funded as part of its Annual Budget. During the planning phase of the project and preliminary inspection of the reservoir, it was determined that due to the severe deterioration of the steel plates, the reservoir was not a good candidate for painting and recoating. Staff evaluated several options for replacement of the reservoir and determined that a project consisting of an upgrade to the existing pump station as well as removal and replacement of the existing reservoir would be most appropriate.

The goals of the reservoir and pump station replacement design are to meet the fire flow requirement of 1500 gallons per minute (gpm) for two hours within the pressure zone. Due to the low demand in the upper Ridge Ranch service area, it would be difficult to maintain adequate water quality in a reservoir sized large enough to provide the required two-hour fire demand. Thus, a replacement system consisting of a small reservoir with suitable fire flow pump capacity and backup power generation is proposed. Reservoir sizing would be based on desired minimum run time for the pumps with an additional one-day storage and safety factor of 2. Reservoir sizing and pump configuration will be confirmed in the design phase but is expected to consist of a 30,000 to 40,000-gallon reservoir and four 500 gpm pumps (three duty and one standby) and a 200-250 kW generator.

The following table summarizes the project funding requirements and expense allocations:

Project Budget	Prior			Proposed	Total	Future	Future	Estimated
	Prior	Estimated	Estimated	Budget				
	Budget	Actual	Budget	Allocation	Budget	Budget	Total	Total
		Expense	Remaining	2023-2024	2023-2024	Allocation	Project	Project
							Budget	Cost
Staff	80,000	40,000	40,000		40,000		40,000	80,000
Engineering				150,000	150,000		150,000	150,000
Construction				660,000	660,000		660,000	660,000
Outside Services								
Miscellaneous	10,000		10,000		10,000		10,000	10,000
Contingency				90,000	90,000		90,000	90,000
Total Project	90,000	40,000	50,000	900,000	950,000	0	950,000	990,000



Valley Center Municipal Water District

ACCOUNT NO.: 01-06-78-51405
DEPARTMENT: Engineering

CAPITAL PROJECT REQUEST

McNally and Mizpah Reservoir Painting and Recoating

New Project	Type	Master Plan		Source of Funding	Strategic Plan	
	Replacement	Priority A	Project ID R25	Non-Operating Revenue	Standard 8,9	Goal II

PROJECT DESCRIPTION:

McNally Reservoir is a 2.0 million gallon above ground welded steel water tank which provides storage for the District's 1840 Zone. The reservoir is one of multiple reservoirs in the zone and was last painted and recoated in 2007.

Mizpah Reservoir is a 1.0 million gallon above ground welded steel water tank which provides storage for the District's 1520 Zone. The reservoir is one of multiple reservoirs in the zone and was last painted and recoated in 2007.

Service life for the steel reservoir paint and coatings is 15-20 years, after which, corrosion of the shell and rafters will become visible and increase in severity over time. Engineering and operations conducted a condition assessment analysis of all the reservoirs scheduled for painting and recoating in the next 10 years to re-evaluate the reservoir painting and recoating prioritized list included in the water master plan. The prioritization was based on visual inspection, the age of the existing coatings and the criticality of each reservoir to water operations. The highest priority reservoirs identified for painting and recoating next fiscal year are the McNally and Mizpah reservoirs.

Prior to bidding the project, a preliminary inspection will be conducted to verify the size and condition of structural members in the reservoirs. The findings of the inspection will provide for a more comprehensive scope of work in the bid documents. The scope of work for the project is expected to include cleaning and painting the exterior surface, removing the existing interior coating, repairing any structural components impacted by corrosion and, re-coating the interior surfaces. The new interior coating and exterior paint will have a service life expectancy of 20-25 years.

The following table summarizes the project budget and accounts for miscellaneous structural repair and replacement work such as roof rafters, columns, girders, overflow box and roof plates:

Project Budget	Prior			Proposed	Total	Future	Future	Estimated
	Prior	Estimated	Estimated	Budget				
	Budget	Actual	Budget	Allocation	Budget	Budget	Total	Total
		Expense	Remaining	2023-2024	2023-2024	Allocation	Project	Project
							Budget	Cost
Staff				90,000	90,000		90,000	90,000
Paint and Recoat Construction				1,800,000	1,800,000		1,800,000	1,800,000
Consultation Inspection				40,000	40,000		40,000	40,000
Miscellaneous				20,000	20,000		20,000	20,000
Contingency				300,000	300,000		300,000	300,000
Total Project	0	0	0	2,250,000	2,250,000	0	2,250,000	2,250,000



CAPITAL PROJECT REQUEST

Computerized Maintenance Management System (CMMS)

Continuing Project	Type	Master Plan		Source of Funding	Strategic Plan	
	Existing Service	<u>Priority</u> N/A	<u>Project ID</u> N/A	Capital Reserves and Non-Operating Revenue	<u>Standard</u> 1	<u>Goal</u> IV

PROJECT DESCRIPTION:

On April 1st 2019, The Board adopted Resolution No. 2019-13 authorizing staff to enter into a 3-year Enterprise Licensing Agreement with Cityworks for a Computerized Maintenance Management System (CMMS), also known as Asset Management System, and to adopt Resolution No. 2019-14 authorizing staff to enter into a contract with Miller Spatial for Cityworks implementation. In 2022-2023, Staff continued the implementation project by completing Phase Three which was comprised of fleet, encroachments and backflow. Phase Four will be the implementation of the Pumps and Motors Division and will start in Fiscal Year 2023-2024 budget year. Future phases will include integration of the Meter Division and Water Reclamation Facilities, WaterSmart, Enterprise Resource Planning and SCADA.

The Computerized Maintenance Management System improves tracking and scheduling of maintenance, inspections and repairs of all field facilities and activities. The system also improves personnel efficiencies and modernizes the tracking of required maintenance, inspection and or testing. It supports mobile users and integrates with existing GIS and WaterSmart databases in the District.

For Fiscal Year 2023-2024 a total in additional funds of \$30,000 is requested. The amount of \$15,000 will be utilized for a services as needed contract for additional Cityworks report development and miscellaneous customization services. Existing funds and an additional \$15,000 will be used for Phase 4 implementation.

The following table summarizes the project funding requirements and expense allocations:

Project Budget	Prior			Proposed	Total	Future	Future	Estimated
	Prior	Estimated	Estimated	Budget				
	Budget	Actual	Budget	Allocation	Budget	Budget	Total	Total
		Expense	Remaining	2023-2024	2023-2024	Allocation	Project	Project
							Budget	Cost
Equipment	43,000	32,611	10,389		10,389		10,389	43,000
Misc.	5,500	4,384	1,116		1,116		1,116	5,500
Outside Services	151,000	128,645	22,355	30,000	52,355		52,355	181,000
Contingency	21,000	410	20,590		20,590		20,590	21,000
Total Project	220,500	166,050	54,450	30,000	84,450	0	84,450	250,500



Valley Center Municipal Water District

ACCOUNT NO.: 01-06-78-51740
DEPARTMENT: Operations

CAPITAL PROJECT REQUEST

PRV SCADA Integration

New Project	Type	Master Plan		Source of Funding	Strategic Plan	
	Existing Service	Priority	Project ID	Non-Operating Revenue	Standard	Goal
		A	N/A		9	IV

PROJECT DESCRIPTION:

Tie existing Pressure Reducing Valves (PRV) stations into the SCADA network for remote pressure and valve monitoring. Most sites do not have electrical service and will require a solar-based battery setup. The SCADA integration will allow for greater control and awareness of PRV-regulated pressure zones and the ability to track historical pressure data. It will also help in diagnosing PRV problems and pressure issues. This project will be completed in phases, with the following sites scheduled for Fiscal Year 2023-2024.

Gordon Hill Relief
Double Tree
Merry's Ferry

Future sites:

Adams, Betsworth, Circle R, Courtyard, Engelmann, Gordon Hill East, Gordon Hill West, Jesmond Dene, Lilac School Relief, Lilac/Old Castle, Mesa Verde, Miller East, Miller North, Miller South, MJM, Oak Glen, Oakmont, Old Castle, Orchard Run, Park Circle, Treasures North, Treasures South, Welks Garden Villas, Welks North, Welks South, Welks Relief, Woods Valley, Woods Valley Relief.

The following table summarizes the project funding requirements and expense allocations:

Project Budget	Prior		Estimated Budget Remaining	Proposed Budget Allocation	Total Budget	Future Budget	Future Total Project Budget	Estimated Total Project Cost
	Prior Budget	Estimated Actual Expense		2023-2024	2023-2024	Allocation		
SCADA Equipment Installation				15,000	15,000	140,000	140,000	155,000
SCADA Software Integration				1,000	1,000	10,000	11,000	11,000
Total Project	0	0	0	16,000	16,000	150,000	151,000	166,000



Valley Center Municipal Water District

ACCOUNT NO.: 01-06-78-51570

DEPARTMENT: General Administration

CAPITAL PROJECT REQUEST

Business Continuity Plan

New Project	Type	Master Plan		Source of Funding	Strategic Plan	
	N/A	<u>Priority</u> N/A	<u>Project ID</u> N/A	Non-Operating Revenue	<u>Standard</u> 1	<u>Goal</u> 1

PROJECT DESCRIPTION:

In 2021, District staff and the outside consultant, Prestige Analytics, completed the Risk and Resiliency Assessment (RRA) as required by the 2018 America's Water Infrastructure Act (AWIA). Two of the RRA recommendations were for the District to have a written Business Continuity Plan and a written Disaster Recovery Plan. Formalizing these two plans will ensure that continuity and recovery objectives are documented to help prioritize the response to a significant natural or man-made disaster. A formal Business Continuity plan will identify the business impact of critical system downtime or malfunction and a continuity for critical services while systems are being restored. A documented Disaster Recovery Plan will ensure that critical recovery efforts are coordinated in a timely manner.

For fiscal year 2023-2024, district staff will work with an outside consultant to complete the Business Continuity Plan. The Business Recovery Plan will be conducted at a later date.

The following table summarizes the project funding requirements and expense allocations:

Project Budget	Prior	Prior	Estimated	Proposed	Total	Future	Future	Estimated
	Budget	Actual	Budget	Budget	Budget	Budget	Project	Total
		Expense	Remaining	Allocation	2023-2024	Allocation	Budget	Project
				2023-2024	2023-2024			Cost
Staff				5,000	5,000		5,000	5,000
Construction								
Outside Services				60,000	60,000		60,000	60,000
Contingency				10,000	10,000		10,000	10,000
Total Project	0	0	0	75,000	75,000	0	75,000	75,000



Valley Center Municipal Water District

ACCOUNT NO.: 01-06-78-51880
DEPARTMENT: Operations

CAPITAL PROJECT REQUEST

Electric Motor Soft Starter Replacements

New Project	Type	Master Plan		Source of Funding	Strategic Plan	
	Replacement	<u>Priority</u> A	<u>Project ID</u> N/A	Non-Operating Revenue	<u>Standard</u> 6	<u>Goal</u> V

PROJECT DESCRIPTION:

Replacement of the existing electric motor soft starters for potable water pumps. The existing starters have a life expectancy of 10 years and were installed between 2006 and 2012. The new starters will have advanced monitoring, protection functions, and ethernet communication, which will allow staff to remotely troubleshoot problems and change operating parameters. The project will be completed in phases, with the following sites scheduled for Fiscal Year 2023-2024.

Couser Canyon Pump Station
 Hauck Mesa Pump Station

The following table summarizes the project funding requirements and expense allocations:

Project Budget	Prior		Estimated Budget Remaining	Proposed Budget Allocation	Total Budget	Future Budget Allocation	Future Total Project Budget	Estimated Total Project Cost
	Prior Budget	Actual Expense		2023-2024	2023-2024			
Staff				10,000	10,000		10,000	10,000
Construction				45,000	45,000		45,000	45,000
Contingency				5,000	5,000		5,000	5,000
Total Project	0	0	0	60,000	60,000	0	60,000	60,000



CAPITAL PROJECT REQUEST

Vehicles

Continuing Project	Type	Master Plan		Source of Funding	Strategic Plan	
	Replacement	Priority	Project ID	Non-Operating Revenue	Standard	Goal
		N/A	N/A		10, 12	II

PROJECT DESCRIPTION:

On June 25, 2020, the California Air Resources Board (CARB) adopted Resolution No. 20-19, Advanced Clean Trucks Regulation for implementation in California. This is one of the many initiatives statewide to achieve the Green House Gas (GHG) emission reduction goals of 40% under 1990 levels by 2030 and 80% under 1990 levels by 2050 established in SB 350, the Clean Energy and Pollution Reduction Act, passed and adopted in 2015.

Resolution No. 20-19 directed CARB staff to develop a zero-emission fleet strategy for medium and heavy-duty vehicles by 2045 everywhere feasible with an earlier transition for certain market segments, including a goal of 100% zero emission public vehicle fleets by 2035. The proposed Advanced Clean Fleets Regulation (ACFR) will affect medium and heavy-duty trucks with a Gross Vehicle Weight Rating (GVWR) greater than 8,500lbs. The implementation of the proposed ACFR will require 50% of the Districts new medium and heavy-duty truck purchases be ZEVs starting in CY 2024 and 100% in 2027.

The replacement of the vehicles listed below will grant staff greater flexibility in managing the normal turnover cycle of the Districts vehicles with a GVWR greater than 8,500lbs and future ZEV purchases.

- 1) Service Truck: New 1½ ton service truck with 4-wheel drive, LED light bar, two-way radio, air compressor, crane, winch, and accessories. This vehicle will replace truck #26, a 2010 Ford F-550, service truck with 4-wheel drive and approximately 86,000 miles. Sub-account number 71.
- 2) Service Truck: New 1-ton service truck with 4-wheel drive, LED light bar, two-way radio and accessories. This vehicle will replace truck #12, a 2008 Ford F-350, service truck with approximately 65,000 miles. Sub-account number 71.

The following vehicle with a GVWR of less than 8,500lbs will additionally be replaced as part of normal fleet turnover.

- 3) Pickup Truck: New Extra Cab ½ ton truck with 4-wheel drive, LED light bar, two-way radio, tool boxes and accessories. This vehicle will replace truck #37, a 2010 Ford, Ranger, extra cab truck with 4-wheel drive and approximately 140,000 miles.
- 4) Pickup Truck: New Extra Cab ½ ton truck with 4-wheel drive, LED light bar, two-way radio, tool boxes and accessories. This vehicle will replace truck #23, a 2007 Ford, F-150, extra cab truck with 4-wheel drive and approximately 105,000 miles.



Valley Center Municipal Water District

ACCOUNT NO.: 01-06-78-5137X
DEPARTMENT: Field

CAPITAL PROJECT REQUEST

Vehicles (continued)

The following table summarizes the project funding requirements and expense allocations:

Project Budget	Prior Estimated Budget	Prior Actual Expense	Estimated Budget Remaining	Proposed Budget Allocation 2023-2024	Total Budget 2023-2024	Future Budget Allocation	Future Total Project Budget	Estimated Total Project Cost
Service Truck 1				195,000	195,000		195,000	195,000
Service Truck 2				130,000	130,000		130,000	130,000
Pickup Trucks				110,000	110,000		110,000	110,000
Contingency				21,750	21,750		21,750	21,750
Total Project	0	0	0	456,750	456,750	0	456,750	456,750



Valley Center Municipal Water District

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Lower Moosa Canyon Water Reclamation Facility



Lower Moosa Canyon Water Reclamation Facility

Personnel Requirements (FTE's)

	<i>Actual</i> <i>FY 2022-23</i>	<i>Budget</i> <i>FY 2022-23</i>	<i>Proposed</i> <i>FY 2023-24</i>
Wastewater Systems Supervisor	0.6	0.6	0.6
Senior Wastewater System Technician	0.6	0.5	0.6
Wastewater Systems Technician III	0.8	0.9	0.8
Wastewater Systems Technician II	0.0	0.8	0.0
Wastewater Systems Technician I	1.1	0.8	1.1
Total	3.1	3.6	3.1

FUNCTION OVERVIEW

Wastewater collection, treatment and disposal services are provided to the communities of Hidden Meadows, Rimrock, Lawrence Welk Village, Castle Creek, Champagne Village, the Treasures, Islands, High Vista and Oak Woodlands subdivisions by the Lower Moosa Canyon Water Reclamation Facility.

A gravity collection system provides service to the majority of the area with the Rimrock, High Vista and Welcome View areas served by a Low Pressure Sewer (LPS) collection system. The gravity system has two lift stations, the Islands and Meadows Lift Stations, that provide service to the Islands subdivision and portion of the Meadows subdivision. The LPS system has two odor control facilities (one of which operates as lift station pending further connections in the area) and numerous private on-site LPS pump systems that are maintained by wastewater staff.

The wastewater division strives to operate the facility in the most efficient manner while meeting the requirements of the Waste Discharge Permit issued by the Regional Water Quality Control Board (RWQCB). Currently, the plant is processing an average of 0.26 million gallons per day; much lower in recent years due to customer implementation of water conservation measures.

Funding for the operation of the facilities comes from:

- 1) A wastewater service charge for properties connected to the system and
- 2) A Low Pressure Sewer Service Charge for connected properties with a grinder pump installation.



Valley Center Municipal Water District

Lower Moosa Canyon Water Reclamation Facility

Fiscal Year 2022-2023 Recent Accomplishments & Performance Indicators	Performance Standard	Strategic Plan Goal*					
		Water Supply	Infrastructure	Finance	Technology	Energy	Compensation & Benefits
Inspected and assessed 20% of all the collection system manholes for condition and preventative maintenance per the District's Sewer System Management Plan (SSMP).	12		✓				
As part of the video inspection , Performed in-house cleaning of the gravity collection system to eliminate potential blockages and reduce outside service expenditures. Located inflow and infiltration sources at manholes and collection system piping. These areas were resealed and coated to eliminate unwanted flows entering the treatment facility.			✓				
Installed a new 6-inch transfer pump to improve the dewatering process of the digested sludge from the facilities aerobic digesters.			✓				
Continued to implement operational changes that reduced equipment run times and energy consumption and improved effluent quality.						✓	
Installed 500 manhole inserts throughout the Hidden Meadows and Park Circle gravity collection system to reduce storm water inflow during rain events.			✓				
Completed the replacement of the Main Motor Control Center (MCC) at the Lower Moosa Canyon WRF.	8, 9		✓				
Prepurchased equipment and awarded contract for replacement of the Clarifier No. 1 mechanical equipment and refurbishment of the concrete structure.	8, 9		✓				
Installed new 8-inch aeration air piping to Aeration Basin No. 2 to replace aging infrastructure and provide a dedicated line to Aeration Basin No. 2	8, 9		✓				
Continued inspections, record keeping and reporting for compliance with Statewide Sanitary Sewer System Waste Discharge General Order.	12		✓				
Resubmitted Sanitary Sewer Management Plan (SSMP) pursuant to new Statewide Sanitary Sewer System Waste Discharge General Order Requirements	12		✓				
Continued implementation and enforcement of the fats, oils and grease (FOG) program at local commercial properties. Developed maintenance and tracking log to annually inspect facilities that are recorded and approved with the District.	12		✓				
Continued ongoing process control monitoring for greater plant efficiency and improved effluent quality which will lead to recommendations for future process control upgrade project.			✓				
Continued to maintain and clean the influent line and grit channel for overflow prevention, improved effluent quality, reduced odors and wear and tear on the facility's mechanical equipment.			✓				
Continued to respond to Alarms and maintain the Private Low Pressure Sewer On-Site pump systems.			✓				
Continued to clean and maintain holding tanks throughout the system and within the Low Pressure Collection System.			✓				
Continued to maintain and clean Meadows and Islands Lift Stations and the High Vista Odor Control/Lift Station of grit, grease and debris, helping to prolong life of equipment, improve influent quality, which prevents unnecessary overflows and cleanings within the sewer collection system.			✓				
Completed the Lower Moosa Canyon WRF Master Plan Update identifying and prioritizing multiple replacement projects			✓				



Lower Moosa Canyon Water Reclamation Facility

Fiscal Year 2023-2024 Goals & Objectives	Performance Standard	Strategic Plan Goal*					
		Water Supply	Infrastructure	Finance	Technology	Energy	Compensation & Benefits
Continue to perform in-house cleaning and videoing of at least 20% of the gravity collection system each year to eliminate potential blockages, reduce outside service expenditures, locate inflow and infiltration sources, and monitor pipe condition.	10		✓				
Continue collection system evaluations and work through documented repair list developed from prior year's video monitoring.	10		✓				
Complete the SCADA integration of the Meadows Lift Station.	8, 9				✓		
Complete the replacement of the Motor Control Center at the Meadows Lift Station.	8, 9		✓				
Complete the replacement the emergency generator at the Islands Lift Station.	8, 9		✓				
Complete the replacement of the mechanical equipment for both Clarifiers and the aeration piping replacement to Aeration Basin No. 2 at the Lower Moosa Canyon WRF.	8, 9		✓				
Monitor the solar generation from the Power Purchase Agreement and record annual savings.	7			✓		✓	
Complete the server room relocation project at the Lower Moosa Canyon WRF.	8, 9		✓				
Respond to Alarms and Maintain the Private Low Pressure Sewer On-Site pump systems.	10		✓				
Update the existing Operation and Maintenance Manuals describing and documenting the procedures for efficient operation of the wastewater facilities, including not only the treatment plant, but also, the collection system.	12		✓				
Prepare Clean Water State Revolving Fund Loan Application for priority projects identified in the Lower Moosa Canyon WRF Master Plan update.	8, 9		✓				
Continue to monitor the progress of County approvals of the development projects in, and adjacent to, the service area for possible impact on the expansion planning efforts for the facility.			✓				

Long-Term Goals & Objectives	Performance Standard	Strategic Plan Goal*					
		Water Supply	Infrastructure	Finance	Technology	Energy	Compensation & Benefits
Plan for future replacement and upgrade of aging infrastructure to meet increasing wastewater capacity needs of the service area, while maintaining required effluent quality standards.	12		✓		✓	✓	
Explore potential for reuse of the facility's treated effluent to augment potable water supplies through either Title 22 recycled water irrigation or Indirect Potable Reuse.		✓					
Continue improvements in the SCADA system to provide for more automated and remote plant and collection system operation.					✓		
Continue to research and implement strategies or new technologies to improve efficiencies and maximize cost savings in all aspects of the District's wastewater procedures.					✓	✓	

* See page 1-23 of this Budget document for the full Strategic Plan.



Valley Center Municipal Water District

Lower Moosa Wastewater Recap of Budget and Source of Financing July 1, 2022 to June 30, 2024

Fund
13

	Replacement Fund	Expansion Fund	Continuing Projects Fund	LPS Reserve Fund	Operating Fund	Total
ACTUAL BALANCE JULY 1, 2022	0	582,751	1,715,884	0	0	2,298,635
Revenue 2022-2023						
Wastewater Service Charges	343,812				1,444,171	1,787,983
Wastewater Lateral & Inspection Fees					4,800	4,800
Interest	3,400				30,854	34,254
Wastewater LPS Charges				60,284		60,284
Total Revenue	347,212	0	0	60,284	1,479,825	1,887,321
Estimated Expenditures 2022-2023	0	0	(915,823)	(48,450)	(1,509,726)	(2,473,999)
Transfers	3,048		(32,949)		29,901	0
Net Change	350,260	0	(948,772)	11,834	0	(586,678)
ESTIMATED BALANCE JUNE 30, 2023	350,260	582,751	767,112	11,834	0	1,711,957
Revenue 2023-2024						
Wastewater Service Charges	343,812				1,501,388	1,845,200
Interest	15,700				45,500	61,200
Wastewater LPS Charges				61,730		61,730
Capital Improvement Charge	149,400					149,400
Total Revenue	508,912	0	0	61,730	1,546,888	2,117,530
Proposed Expenditures 2023-2024			(1,469,500)	(59,100)	(1,335,249)	(2,863,849)
Expenditures of Continuing Projects			(767,112)			(767,112)
Loan from the General Fund	1,100,000					1,100,000
Transfers	(1,257,861)		1,469,500		(211,639)	0
Net Change	351,051	0	(767,112)	2,630	0	(413,431)
ESTIMATED BALANCE JUNE 30, 2024	701,311	582,751	0	14,464	0	1,298,526

	2021-2022 Actual	2022-2023 Budget	2022-2023 Estimated Actual	2023-2024 Budget
GENERAL INFORMATION:				
Total Wastewater Connections:	2,494	2,490	2,490	2,490
Monthly Wastewater Service Rates:				
Effective July 1	57.80	58.67	58.67	61.72
Effective February 1	58.67	61.72	61.72	61.72
Monthly Capital Improvement Charge				
Effective July 1	0.00	0.00	0.00	0.00
Effective February 1	0.00	0.00	0.00	12.00



Valley Center Municipal Water District

Lower Moosa Wastewater

Revenue Estimate

Fund	Department
13	00

Account No.	Description	2021-2022	2022-2023		2023-2024
		Actual	Budget	Estimated Actual	Budget
81-41001	Wastewater Service Charge	1,739,143	1,791,000	1,787,473	1,844,200
81-41012	Wastewater Capacity Reservation Fee	0	1,000	0	1,000
81-41013	Wastewater Capital Improvement Charge	0	0	0	149,400
81-41008	Wastewater Lateral Fee	0	0	0	0
81-41005	Wastewater Inspection Fee	0	0	4,800	0
81-41006	LPS Wastewater Inspection Fee	0	0	0	0
84-41000	Interest - Operating & Replace. Res.	17,388	25,900	34,254	61,200
81-42900	Wastewater LPS Charges	57,851	59,960	60,284	61,730
86-43300	Service Availability Charge	770	0	510	0
86-43500	Sale of Surplus	0	0	0	0
89-41002	Capacity Charges	54,800	0	0	0
89-42000	Contributions in Kind	0	0	0	0
87-44500	Other Income	0	0	0	0
87-44700	Grant Revenue	32,615			
Total		1,902,567	1,877,860	1,887,321	2,117,530



Valley Center Municipal Water District

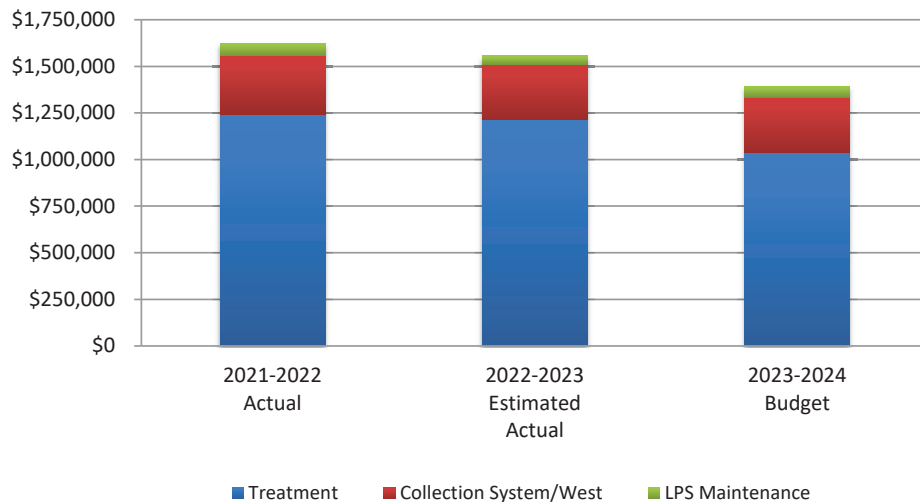
Lower Moosa Wastewater

Department Summary by Division

Fund	Department
13	03

Division No.	Description	2021-2022	2022-2023		2023-2024
		Actual	Budget	Estimated Actual	Budget
26	Treatment	1,243,586	1,092,343	1,213,281	1,037,639
27	Collection System/West	314,844	325,747	296,445	297,610
29	LPS Maintenance	66,515	59,400	48,450	59,100
78	Capital Projects	479,553	271,795	915,823	1,469,500
TOTAL MOOSA TREATMENT		2,104,498	1,749,285	2,473,999	2,863,849

Division Expenses





Valley Center Municipal Water District

Lower Moosa Wastewater Treatment

Division Summary by Expense Category

Fund	Department	Division
13	03	26

Account No.	Description	2021-2022	2022-2023		2023-2024
		Actual	Budget	Estimated Actual	Budget
50001	Labor & Benefits - Regular	564,840	478,900	589,000	436,700
50003	Overtime	27,113	24,000	27,000	24,000
50025	Outside Professional Services	83,413	76,100	75,500	76,600
50030	Special Department Expenses	1,620	3,500	3,500	3,500
50032	Telephone	2,295	3,000	2,100	3,000
50034	Membership Fees & Dues	0	0	0	0
50038	Regulatory Permits & Fees	31,141	36,000	36,000	36,000
50040	Rents & Leases	0	500	0	500
50042	Insurance	16,349	16,627	17,000	17,190
50045	Electricity	121,601	100,000	110,000	100,000
50048	Diesel	0	500	500	500
50049	Water	5,595	6,500	3,750	5,000
50323	Chlorine	26,590	30,000	31,700	34,000
50341	Hazardous Waste Disposal Costs	0	300	0	300
50451	Maintenance of Vehicles	950	1,500	1,000	1,500
50452	Maintenance of Facilities	42,703	46,000	49,650	49,000
50459	Software Technical Support	6,541	3,900	1,565	3,900
50082	Administrative Overhead	253,388	263,016	263,016	243,949
50085	Capital Planning	26,832	0	0	0
50087	Bad Debt Expense	32,615	2,000	2,000	2,000
Total		1,243,586	1,092,343	1,213,281	1,037,639



Valley Center Municipal Water District

Lower Moosa Wastewater Treatment

Division Detail

Fund	Department	Division
13	03	26

Total Budget Request
\$1,037,639

Account No.	Detail and Justification	Budget Request
50001	Labor & Benefits - Regular	436,700
	Full Time Equivalents 2.31	
50003	Overtime	24,000
50025	Outside Professional Services	76,600
	Pumper Trucks - for Grit Removal	12,100
	Lab Analysis	22,500
	Sludge Removal	16,500
	SCADA System Maintenance	5,000
	Muffin Monster Service/Screening Auger	6,000
	Flow Meter Calibration and Repair	2,000
	Lab Equipment Service & Calibration	2,000
	Generator Load Testing & Fuel Tank Inspections	2,500
	Cal-Fire Clearing	1,500
	Confined Space Standby	6,500
50030	Special Department Expenses	3,500
	Lab Supplies	2,000
	Tools	500
	Equipment	1,000
50032	Telephone	3,000
	Leased Lines and Alarm Monitoring	1,500
	T-1 Network Line	1,500
50034	Membership Fees & Dues	0
50038	Regulatory Permits & Fees	36,000
	State Water Resources Control Board	26,000
	HazMat Permit	5,000
	Air Pollution Control District fees	5,000
50040	Rents & Leases	500
50042	Insurance	17,190
50045	Electricity	100,000
50048	Diesel	500
	Generator Set and Tractor	500
50049	Water	5,000



Valley Center Municipal Water District

Lower Moosa Wastewater Treatment

Division Detail

Fund	Department	Division
13	03	26

Account No.	Detail and Justification		Budget Request
50323	Chlorine		34,000
	Polymer	13,000	
	Sodium Hypochlorite	4,200	
	Sodium Hydroxide	600	
	Laboratory Chemicals	16,200	
50341	Hazardous Waste Disposal Costs		300
	Recycling Oil, Filters, Solvents		
50451	Maintenance of Vehicles		1,500
50452	Maintenance of Facilities		49,000
	SCADA Computer Equipment Maintenance	3,000	
	Building and Grounds Maintenance Equipment	4,000	
	Electrical Equipment	4,000	
	Electric Motor Maintenance	8,000	
	Filter Replacement	2,000	
	Tractor Maintenance	4,000	
	Hardware	5,000	
	Pipe and Fittings	2,000	
	Mechanical Plugs	3,000	
	Building and Yard Maintenance	14,000	
50459	Software Technical Support		3,900
50082	Administrative Overhead		243,949
50087	Bad Debt Expense		2,000



Valley Center Municipal Water District

Lower Moosa Wastewater Collection System West

Division Summary by Expense Category

Fund	Department	Division
13	03	27

Account No.	Description	2021-2022	2022-2023		2023-2024
		Actual	Budget	Estimated Actual	Budget
50001	Labor & Benefits - Regular	252,193	258,500	220,000	228,700
50002	Temporary Labor	0	6,100	0	0
50003	Overtime	1,688	6,000	4,500	6,000
50025	Outside Professional Services	36,490	29,500	45,000	35,000
50030	Special Department Expenses	0	1,500	1,500	1,500
50038	Regulatory Permits & Fees	2,005	2,000	5,148	5,000
50042	Insurance	1,817	1,847	1,847	1,910
50045	Electricity	8,716	6,800	5,750	6,000
50049	Water	2,008	2,000	1,700	2,000
50451	Maintenance of Vehicles	1,450	1,500	1,500	1,500
50452	Maintenance of Facilities	8,477	10,000	9,500	10,000
Total		314,844	325,747	296,445	297,610



Valley Center Municipal Water District

Lower Moosa Wastewater Collection System/West

Division Detail

Fund	Department	Division
13	03	27

Total Budget Request
\$297,610

Account No.	Detail and Justification		Budget Request
50001	Labor & Benefits - Regular		228,700
		Full Time Equivalents 1.38	
50002	Temporary Labor		0
50003	Overtime		6,000
50025	Outside Professional Services		35,000
	Sewer Cleaning/Repair	17,700	
	Manhole Sensors	8,700	
	Pumping	3,300	
	Generator Load Testing	1,000	
	Cal-Fire Clearing	2,500	
	Special Repairs	1,800	
50030	Special Department Expenses		1,500
50038	Regulatory Permits and Fees		5,000
50042	Insurance		1,910
50045	Electricity		6,000
50049	Water		2,000
50451	Maintenance of Vehicles		1,500
50452	Maintenance of Facilities		10,000
	Motors Dip and Bake	1,000	
	Pump Repair	3,000	
	Replacement Pump	2,000	
	SCADA	1,500	
	Air Conditioner Repair	1,000	
	Valves and Solenoids, Grinder Servicing	1,500	



Valley Center Municipal Water District

Lower Moosa Wastewater LPS Maintenance

Division Summary by Expense Category

Fund	Department	Division
13	03	29

Account No.	Description	2021-2022	2022-2023		2023-2024
		Actual	Budget	Estimated Actual	Budget
50001	Labor & Benefits - Regular	30,938	30,100	22,500	29,600
50003	Overtime	1,815	2,500	2,500	2,500
50025	Outside Professional Services	2,257	3,300	3,350	3,500
50030	Special Department Expenses	0	1,500	500	1,500
50451	Maintenance of Vehicles	1,118	1,000	1,000	1,000
50452	Maintenance of Facilities	30,387	21,000	18,600	21,000
Total		66,515	59,400	48,450	59,100



Valley Center Municipal Water District

Lower Moosa Wastewater LPS Maintenance

Division Detail

Fund	Department	Division	Total Budget Request
13	03	29	\$59,100

Account No.	Detail and Justification		Budget Request
50001	Labor & Benefits - Regular		29,600
		Full Time Equivalents 0.19	
50003	Overtime		2,500
50025	Outside Professional Services		3,500
	Pumping of Tanks	3,500	
50030	Special Department Expenses		1,500
50451	Maintenance of Vehicles		1,000
50452	Maintenance of Facilities		21,000
	Pump Rebuild Kits	5,500	
	Replacement Pumps	13,500	
	Retrofit STEP System Pumps	2,000	



Lower Moosa Canyon Water Reclamation Facility

Capital Outlay



Valley Center Municipal Water District

Capital Outlay Budget Summary Lower Moosa Canyon Water Reclamation Facility

Fund	Department	Division
13	06	78

Acct. No.	Capital Project Request See Page	Description	Mid-Year Budget Adjustments 2022-2023	Total Approved Budget 2022-2023	Total Estimated Expenditures 2022-2023	Recaptured or Not Carried Budget Forward to 2023-2024	Estimated Budget Carried Forward to 2023-2024	New Appropriation 2023-2024	Total Approved Budget 2023-2024
53030		Wastewater O&M Manual Development		9,976	976		9,000		9,000
53040		Moosa Main MCC Replacement		459,760	381,701	(78,059)	-		-
53060		Moosa Solar Installation		30,770	7,720		23,050		23,050
53100	11-12	2023 CWSRF Loan Application		-	-		-	100,000	100,000
53130		Moosa Aeration Air Piping Upgrade		150,000	150,000		-		-
53140		Collection System Vitrified Clay Pipe Lining		54,301	-		54,301		54,301
53150	11-13	Back-up Aeration Blower/Compressor					-	14,500	14,500
53290	11-14	Meadows Lift Station Motor Control Center Repl.		483,752	24,552		459,200	105,000	564,200
53300		Sludge Transfer Pump Upgrade/Replacement		33,000	32,037	(963)	-		-
53320	11-15	Moosa Clarifier No. 1 Upgrades		253,671	133,671		120,000	250,000	370,000
53330	11-16	Moosa Clarifier No. 2 Upgrades					-	600,000	600,000
53370		Vehicles (50/50 Funding Moosa/WVR)		23,690	23,690		-		-
53371		Utility Pumper Truck (50/50 Funding Moosa/WVR)		67,500	67,500		-		-
53372		Service Truck (50/50 Funding Moosa/WVR)		59,795	9,749		50,046		50,046
53430		Islands Lift Station Generator		51,515	-		51,515		51,515
53450		Moosa Headworks Improvements		138,150	-	(138,150)	-		-
53540		Master Plan		84,227	84,227		-		-
53541		Title XVI Feasibility Study		87,572	-	(87,572)	-		-
53550	11-17	Moosa Minor Upgrades					-	150,000	150,000
53640	11-18	Server Room Relocation					-	250,000	250,000
Total Capital Projects			0	1,987,679	915,823	(304,744)	767,112	1,469,500	2,236,612



Valley Center Municipal Water District

Capital Outlay Budget Summary Lower Moosa Canyon Water Reclamation Facility

Fund	Department	Division
13	06	78

Acct. No.	Capital Project Request See Page	Description	Estimated Budget Carried Forward to 2023-2024	New Appropriation 2023-2024	Total Approved Budget 2023-2024	Estimated Actual Expenditures 2023-2024	Estimated Actual Expenditures 2024-2025	Estimated Project Balance after 2 years
53030		Wastewater O&M Manual Development	9,000		9,000	9,000		
53040		Moosa Main MCC Replacement	(0)		(0)			
53060		Moosa Solar Installation	23,050		23,050	23,050		
53100	11-12	2023 CWSRF Loan Application	-	100,000	100,000	100,000		
53130		Moosa Aeration Air Piping Upgrade	-		-			
53140		Collection System Vitrified Clay Pipe Lining	54,301		54,301	54,301		
53150	11-13	Back-up Aeration Blower/Compressor	-	14,500	14,500	14,500		
53290	11-14	Meadows Lift Station Motor Control Center Repl.	459,200	105,000	564,200	464,200	100,000	
53300		Sludge Transfer Pump Upgrade/Replacement	-		-			
53320	11-15	Moosa Clarifier No. 1 Upgrades	120,000	250,000	370,000	370,000		
53330	11-16	Moosa Clarifier No. 2 Upgrades	-	600,000	600,000	550,000	50,000	
53370		Vehicles (50/50 Funding Moosa/WVR)	-		-			
53371		Utility Pumper Truck (50/50 Funding Moosa/WVR)	-		-			
53372		Service Truck (50/50 Funding Moosa/WVR)	50,046		50,046	50,046		
53430		Islands Lift Station Generator	51,515		51,515	51,515		
53450		Moosa Headworks Improvements	-		-			
53540		Master Plan	-		-			
53541		Title XVI Feasibility Study	-		-			
53550	11-17	Moosa Minor Upgrades	-	150,000	150,000	150,000		
53640	11-18	Server Room Relocation	-	250,000	250,000	225,000	25,000	
Total Capital Projects			767,112	1,469,500	2,236,612	2,061,612	175,000	0



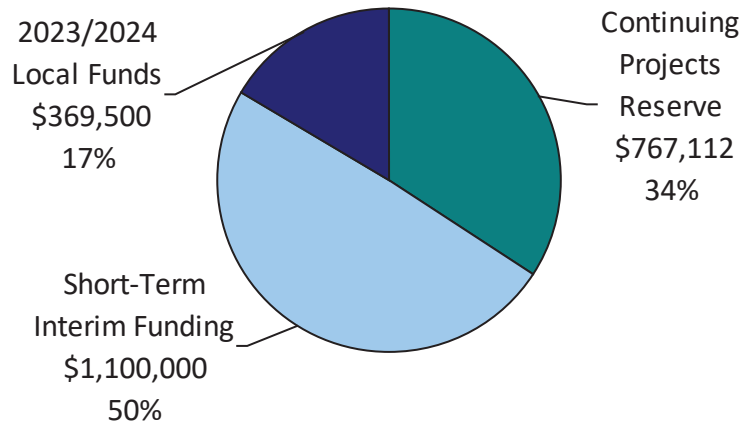
Valley Center Municipal Water District

Capital Outlay Source of Funding Lower Moosa Canyon Reclamation Facility

All projects are funded by one or more of the following methods:

- **Continuing Projects Reserve:** The Reserve for Continuing Projects are unexpended appropriations for capital projects carried forward from prior years.
- **Short-Term Interim Funding:** Funding will be provided with a loan from the District's General Fund with repayment including interest from net Moosa revenues over a term of 3 - 5 years.
- **Local Funds:** Local Funds refers to the current year annual revenues collected for Capital Improvement Change and 50% of the Sewer Service Charges.
- **Replacement Reserve:** The Replacement Reserve is funded through the budget appropriation of these local revenues designated for capital use equal to 100% of annual depreciation plus earning not reserved for other purposes.

Capital Outlay Source of Funding



Each Capital Project Request beginning on page 11-11 of this budget document displays a table at the top of the page that looks similar to the one below.

New Item	Type	Master Plan Priority	Project ID	Source of Funding 2023/2024	Strategic Plan Standard	Goal
	Replacement	A	CV010	Local Funds	8, 9	II

Indicates whether the project request is for a new item, a replacement, or a continuing project.

Correlates to the District's Master Plan document, not included in this budget. A copy can be provided upon request.

Correlates to the Source of Funding described above.

Correlates to the Strategic Plan Goals and Performance Standards described in the Budget Message beginning on page 1-21 of this budget document.

The table on the following page includes all capital projects with their source of funding identified.



Valley Center Municipal Water District

Capital Outlay Source of Funding Lower Moosa Canyon Water Reclamation Facility

Fund	Department	Division
13	06	78

Acct. No.	Capital Project Request See Page	Description	Source of Funding			Total Approved Budget 2023-2024
			Continuing Projects Reserve	Short-Term Interim Funding	2023-2024 Local Funds	
53030		Wastewater O&M Manual Development	9,000			9,000
53040		Moosa Main MCC Replacement				-
53060		Moosa Solar Installation	23,050			23,050
53100	11-12	2023 CWSRF Loan Application		100,000		100,000
53130		Moosa Aeration Air Piping Upgrade				-
53140		Collection System Vitrified Clay Pipe Lining	54,301			54,301
53150	11-13	Back-up Aeration Blower/Compressor			14,500	14,500
53290	11-14	Meadows Lift Station Motor Control Center Repl.	459,200		105,000	564,200
53300		Sludge Transfer Pump Upgrade/Replacement				-
53320	11-15	Moosa Clarifier No. 1 Upgrades	120,000	250,000		370,000
53330	11-16	Moosa Clarifier No. 2 Upgrades		600,000		600,000
53370		Vehicles (50/50 Funding Moosa/WVR)				-
53371		Utility Pumper Truck (50/50 Funding Moosa/WVR)				-
53372		Service Truck (50/50 Funding Moosa/WVR)	50,046			50,046
53430		Islands Lift Station Generator	51,515			51,515
53450		Moosa Headworks Improvements				-
53540		Master Plan				-
53541		Title XVI Feasibility Study				-
53550	11-17	Moosa Minor Upgrades		150,000		150,000
53640	11-18	Server Room Relocation			250,000	250,000
Total Capital Projects			767,112	1,100,000	369,500	2,236,612



CAPITAL PROJECT REQUEST

2023 CWSRF Application

New Project	Type	Master Plan		Source of Funding	Strategic Plan	
	Replacement	Priority	Project ID	Short Term Interim Funding	Standard	Goal
		1	N/A		9	II

PROJECT DESCRIPTION:

With approval of the 2023 Update of Master Plan for the Lower Moosa Canyon Water Reclamation Facility ("Moosa") four priority level projects were recommended. The first level priority projects were included in the Fiscal Year 2023-2024 Annual Budget funding requests. Funding for the second level priority projects was to be requested from the Clean Water State Revolving Fund Loan ("CWSRF") program. Funding to prepare the CWSRF Application including preliminary design of the facility for preparation technical package and preparation of the necessary CEQA findings for Environmental portions of the application. Funding for this item would be from a short-term interim loan from the District's Capital Improvement Reserves with repayment from net Moosa revenues over the next 3-5 years. These application expenses would be reimbursable from the CWSRF Loan.

Priority 2 Projects to be included in the CWSRF application include the following:

- Influent Pump Station, including flow diversion structure, and flow equalization basin,
- Separation of the Waste Activated Sludge (WAS) / Return Activated Sludge (RAS) pumps with the installation of new WAS Pumps, and
- Site Electrical and SCADA improvements for the new facilities.

Estimated cost for the proposed Priority 2 project is \$3.0M with an annual debt service estimated at \$182,000. Construction is planned for Fiscal Year 2025-2026 with debt service payments starting the following year.

The following table summarizes the project funding requirements and expense allocations:

Project Budget	Prior			Proposed	Total	Future	Future	Estimated
	Prior	Estimated	Estimated	Budget				
	Budget	Actual	Budget	Allocation	Budget	Budget	Total	Total
		Expense	Remaining	2023-2024	2023-2024	Allocation	Project	Project
							Budget	Cost
Staff				60,000	60,000		60,000	60,000
Consultant				25,000	25,000		25,000	25,000
Miscellaneous				5,000	5,000		5,000	5,000
Contingency				10,000	10,000		10,000	10,000
Total Project	0	0	0	100,000	100,000	0	100,000	100,000



Valley Center Municipal Water District

ACCOUNT NO.: 13-06-78-53150

DEPARTMENT: Operations

CAPITAL PROJECT REQUEST

Back-up Aeration Blower/Compressor

New Project	Type	Master Plan		Source of Funding	Strategic Plan	
	Replacement	<u>Priority</u> A	<u>Project ID</u> N/A	Local Funds	<u>Standard</u> 9	<u>Goal</u> II

PROJECT DESCRIPTION:

A New back-up aeration blower/compressor will reduce down times and biological upsets if the current blowers fail. Current blowers have been in operation for the past 10 years requiring the need to be rebuilt. Over the past few years, it has become much more difficult to obtain equipment and parts in a reasonable amount of time. This new blower will allow for minimal down times during current blower rebuilds and maintenance and act as a back-up during blower failures.

The following table summarizes the project funding requirements and expense allocations:

Project Budget	Prior Budget	Prior Estimated Actual Expense	Estimated Budget Remaining	Proposed Budget Allocation 2023-2024	Total Budget 2023-2024	Future Budget Allocation	Future Total Project Budget	Estimated Total Project Cost
Aeration Blower				14,500	14,500		14,500	14,500
Total Project	0	0	0	14,500	14,500	0	14,500	14,500



CAPITAL PROJECT REQUEST

Meadows Lift Station Motor Control Center Replacement

Continuing Project	Type	Master Plan		Source of Funding	Strategic Plan	
	Replacement	<u>Priority</u>	<u>Project ID</u>	Continuing Projects Reserve	<u>Standard</u>	<u>Goal</u>
		1	N/A		9	II

PROJECT DESCRIPTION:

This item is to request additional funding for the Meadows Lift Station Motor Control Center (MCC) Replacement Project. The project is to 1) upgrade the existing motor control center and instrumentation components at the Meadows Lift Station and 2) add SCADA and an in-line grinder. The motor control center panels are original equipment, installed in the mid-1970's, and need to be replaced to bring the facility up to current codes and District standards. A new MCC electrical cabinet is proposed to be installed at a new location near the southside fence entrance. The MCC cabinet shall include the new SCADA section, motor breaker and control sections and new Automatic Transfer Switch on a concrete pad with a small retaining wall, shade structure and AC unit for the SCADA equipment. Instrumentation components consist of a new electromagnetic flow meter, pressure indicator transmitters, pressure gauges and other appurtenant devices to connect the lift station to the SCADA network. Once completed, operators located at the Lower Moosa Canyon facility will be able to remotely monitor the operation, status and alarm conditions of the Meadows Lift Station.

Consultants would be used for electrical design and construction support. A separate integration consultant would be utilized to program and integrate the lift station into the SCADA system.

Funding for the project would come from recaptured Moosa Continuing Project Reserves. The following table summarizes the estimated cost for planning, design and installation of all the upgrades at the lift station and additional costs needed to complete the project.

Project Budget	Prior		Estimated Budget Remaining	Proposed Budget Allocation	Total Budget	Future Budget	Future Total Project Budget	Estimated Total Project Cost
	Prior Budget	Estimated Actual Expense		2023-2024	2023-2024	Allocation		
Staff	65,000	45,800	19,200	10,000	29,200		29,200	75,000
Consultant	102,000		102,000	3,000	105,000		105,000	105,000
Construction	300,000		300,000	90,000	390,000		390,000	390,000
Miscellaneous	10,000		10,000		10,000		10,000	10,000
Contingency	28,000		28,000	2,000	30,000		30,000	30,000
Total Project	505,000	45,800	459,200	105,000	564,200	0	564,200	610,000

**CAPITAL PROJECT REQUEST****Moosa Clarifier No. 1 Upgrades**

Continuing Project	Type	Master Plan		Source of Funding	Strategic Plan	
	Replacement	<u>Priority</u> 1	<u>Project ID</u> N/A	Short Term Interim Funding	<u>Standard</u> 9	<u>Goal</u> II

PROJECT DESCRIPTION:

The existing Clarifier No. 1 mechanical rake system has reached the end of its service life and needs to be replaced. The rake system is original equipment installed when the treatment plant was constructed in the mid-1970's. The mechanical rakes, motors, center column, catwalk, and all mechanical piping will be replaced. The minor spalling and pitted areas on the existing secondary clarifier concrete structures will be repaired.

Funding for the project was originally allocation in Fiscal Year 2020-2021. After soliciting quotes from equipment manufacturers, the replacement equipment was ordered in March 2022 and the final components of the equipment were received in March 2023. Work on the replacement of the Clarifier No. 1 mechanical rake system equipment is be scheduled to begin in July 2023. Bids for the installation are to be received in May and awarded in June 2023. Installation is anticipated to take 3-4 months with completion prior to October 2023.

Additional project funding is requested to provide for the difference in the estimated remaining project costs and the available budget allocation. Funding for this item would come from the Moosa Continuing Project Reserve utilizing recaptured funds from completed projects.

The following table summarizes the project funding requirements and expense allocations:

Project Budget	Prior Budget	Prior Estimated Actual Expense	Estimated Budget Remaining	Proposed Budget Allocation 2023-2024	Total Budget 2023-2024	Future Budget Allocation	Future Total Project Budget	Estimated Total Project Cost
Staff	53,000	40,000	13,000	17,000	30,000		30,000	70,000
Inspection (WesTech)				15,000	15,000		15,000	15,000
Pre-Purchase Equipment	155,000	155,000						155,000
Construction	95,000		95,000	195,000	290,000		290,000	290,000
Miscellaneous	5,000		5,000		5,000		5,000	5,000
Outside Services	7,000		7,000	23,000	30,000		30,000	30,000
Contingency								
Total Project	315,000	195,000	120,000	250,000	370,000	0	370,000	565,000



Valley Center Municipal Water District

ACCOUNT NO.: 13-06-78-53330
DEPARTMENT: Engineering

CAPITAL PROJECT REQUEST

Moosa Clarifier No. 2 Upgrades

New Project	Type	Master Plan		Source of Funding	Strategic Plan	
	Replacement	<u>Priority</u> 1	<u>Project ID</u> N/A	Short Term Interim Funding	<u>Standard</u> 9	<u>Goal</u> II

PROJECT DESCRIPTION:

Similar to Clarifier No 1, the existing Clarifier No. 2 mechanical rake system has reached the end of its service life and needs to be replaced. The rake system is original equipment installed when the treatment plant was constructed in the mid-1970s. The mechanical rakes, motors, center column, catwalk, and all mechanical piping will be replaced. The minor spalling and pitted areas on the existing secondary clarifier concrete structures will be repaired. Work on the replacement of the Clarifier No. 2 mechanical rake system equipment will be scheduled to begin after Clarifier No. 1 is complete and operating. The District will solicit proposals to pre-purchase the equipment. A purchase order for the purchase of the equipment will be issued and staff will proceed with the submittal review process. Staff will solicit bids from contractors for the installation of the equipment separately.

Funding for this item would come from a short-term interim loan from the District's Capital Improvement Reserves with repayment from net Moosa revenues over the next 3-5 years.

The following table summarizes the estimated project funding requirements and expense allocations:

Project Budget	Prior			Proposed	Total	Future	Future	Estimated
	Prior	Estimated	Estimated	Budget				
	Budget	Actual	Budget	Allocation	Budget	Budget	Total	Total
		Expense	Remaining	2023-2024	2023-2024	Allocation	Project	Project
							Budget	Cost
Staff				50,000	50,000		50,000	50,000
Inspection				15,000	15,000		15,000	15,000
Pre-Purchase Equipment				170,000	170,000		170,000	170,000
Construction				300,000	300,000		300,000	300,000
Miscellaneous				5,000	5,000		5,000	5,000
Contingency				60,000	60,000		60,000	60,000
Total Project	0	0	0	600,000	600,000	0	600,000	600,000



CAPITAL PROJECT REQUEST

Moosa Minor Upgrades

New Project	Type	Master Plan		Source of Funding	Strategic Plan	
	Replacement	<u>Priority</u> 1	<u>Project ID</u> N/A	Short Term Interim Funding	<u>Standard</u> 9	<u>Goal</u> II

PROJECT DESCRIPTION:

The proposed improvements are a collection of three minor projects at the facility.

1. Washwater Supply System and Chlorine Contact Tank Modifications

- Minor concrete repair work on the Chlorine Contact Tank.
- Installation of a washwater filtration system for the plant Washwater System.
- Installation of chlorination equipment for the existing Washwater System consisting of hypochlorite storage, chlorinators, and for injection/mixing equipment.

2. Influent Channel Slide Gates and Bulk Head Installation

- Installation of new slide gate in the influent channel to isolate that portion of the influent channel when Aeration Basin 2 is off-line.
- Installation of a concrete bulk head in the center channel to allow use of the third influent feed gate to the Aeration Basins. This provides more flexibility to control flows into the anoxic zone of both aeration basins.

3. Discharge Line Appurtenances

- Proposed project includes the installation of Air Release Stations to alleviate air entrapment in the Discharge Line.
- Air Release Stations may be either manholes and/or cleanouts installed along the 3,000 LF Discharge Line between the Chlorine Contact Tank and the Percolation Ponds.

Funding for this item would come from a short-term interim loan from the District's Capital Improvement Reserves with repayment from net Moosa revenues over the next 3-5 years.

The following table summarizes the project funding requirements and expense allocations:

Project Budget	Prior		Proposed		Total Budget 2023-2024	Future Budget Allocation	Future Total Project Budget	Estimated Total Project Cost
	Prior Budget	Estimated Actual Expense	Estimated Budget Remaining	Budget Allocation 2023-2024				
Staff				25,000	25,000		25,000	25,000
Washwater System				50,000	50,000		50,000	50,000
Influent Channel Slide Gates				25,000	25,000		25,000	25,000
Discharge Line Appurtenances				35,000	35,000		35,000	35,000
Contingency				15,000	15,000		15,000	15,000
Total Project	0	0	0	150,000	150,000	0	150,000	150,000



CAPITAL PROJECT REQUEST

Server Room Relocation

New Project	Type	Master Plan		Source of Funding	Strategic Plan	
	Replacement	Priority	Project ID	Short Term Interim Funding	Standard	Goal
		1	N/A		9	II, IV

PROJECT DESCRIPTION:

The backup and existing servers for the Moosa Facility for the District are located in the modular operations building at the Moosa Facility site. Reliability can be improved by relocating the servers to an underutilized room in the Blower Building that was originally used for chlorination equipment. The chlorination equipment has since been relocated. The Blower Building houses the main blowers for the aeration basins, the generator, the Motor Control Center (MCC), the lab, and the original chlorination room. The original chlorination room is adjacent to the MCC Room, and is currently used for supply storage and the solar power distribution switchgear. The block building provides a more secure and permanent location for the servers thus creating additional office space in the existing modular operations building. The project will consist of converting the 11-foot by 11-foot storage room to an office-type room with a locked door and air conditioning to regulate room temperature for the server. The existing monorail crane will be removed and provisions made secure access to the server separate from the solar power distribution gear.

Funding for this item would come from a short-term interim loan from the District's Capital Improvement Reserves with repayment from net Moosa revenues over the next 3-5 years.

The following table summarizes the project funding requirements and expense allocations:

Project Budget	Prior Budget	Prior Estimated Actual Expense	Estimated Budget Remaining	Proposed Budget Allocation 2023-2024	Total Budget 2023-2024	Future Budget Allocation	Future Total Project Budget	Estimated Total Project Cost
Staff				30,000	30,000		30,000	30,000
Construction				180,000	180,000		180,000	180,000
Server Rack Equipment				10,000	10,000		10,000	10,000
Miscellaneous				5,000	5,000		5,000	5,000
Contingency				25,000	25,000		25,000	25,000
Total Project	0	0	0	250,000	250,000	0	250,000	250,000



Woods Valley Ranch Wastewater Expansion



Woods Valley Ranch Wastewater Expansion

FUNCTION OVERVIEW

Projects associated with the expansion of the Woods Valley Ranch Water Reclamation Facility (WVRWRF) (Fund 16) are segregated from the main facility (Fund 17) to better identify and account for funds expended for expansion and capital improvements from funds expended for operation and maintenance costs, system upgrade costs, and facility replacement projects.

The Woods Valley Ranch Wastewater Expansion Project (Phase 2 Expansion Project) is a joint Property Owner/Developer/District project to extend wastewater service to parcels owned by participating developers and property owners in the South and North Village areas of Valley Center. These areas are identified on the County General Plan as the higher density areas generally along Valley Center Road from Woods Valley Road north through Cole Grade Road. The service area is anticipated to have an ultimate average day wastewater demand of up to 525,000 gallons per day for a project ultimate demand of 3,000 Equivalent Dwelling Units (EDUs). The extension of wastewater service to the area would be accomplished through voluntary property owner participation in multiple expansion phases as required to meet the requested wastewater capacity timing and demands.

The Phase 2 Expansion Project consisted of the following project components, funded through a separate Clean Water State Revolving Fund (SRF) financing agreement with the State Water Resources Control Board (SWRCB); 1) South Village Collection System, 2) WVRWRF Phase 2 Expansion, and 3) Charlan Road Seasonal Storage Facility. The North Village Collection System was completed with funding from the sale of a limited obligation improvement bond (the "NV Bond"). The NV Bond included the design of the proposed Orchard Run and North Village Lift Stations. However, funding for construction of the lift stations would be funded by the developers benefitting from the lift stations or land secured indebtedness secured by property with the lift station service area.

Full development of the Park Circle East/West Subdivision in the South Village area required construction of the Orchard Run Lift Station and will require additional wastewater capacity once development in the service area exceeds the capacity generated by the Phase 2 Expansion Project. Phase 3 Facilities, consisting of an expansion to the WVRWRF and construction of additional seasonal storage and recycled water transmission main improvements are proposed to provide this additional capacity. A community facilities district (CFD) was formed to fund the Orchard Run Lift station and financially secure the construction of the Phase 3 Facilities through issuance of land secured financing (SRF Loan, limited obligation improvement bonds or both). The indebtedness would be repaid from special tax revenues collected from properties within the CFD. A limited obligation improvement bond will be issued by the CFD in FY 2023-2024 to reimburse funds provided for the design and construction of the Orchard Run Lift Station which was completed in June 2023. Construction of the remaining facilities will be scheduled based on actual build-out within the service area.



Valley Center Municipal Water District

Woods Valley Ranch Wastewater Expansion

Fiscal Year 2022-2023 Recent Accomplishments & Performance Indicators	Performance Standard	Strategic Plan Goal*					
		Water Supply	Infrastructure	Finance	Technology	Energy	Compensation & Benefits
Several capacity transfers were completed, reallocating of capacity and assessments from property owners requesting capacity reductions to property owners requesting additional capacity.			✓				
Completed construction of the Orchard Run Lift Station and placed the facility in operation.	8, 9		✓				

Fiscal Year 2023-2024 Goals & Objectives	Performance Standard	Strategic Plan Goal*					
		Water Supply	Infrastructure	Finance	Technology	Energy	Compensation & Benefits
CFD No. 2020-1 was formed to acquire and financially secure wastewater facilities needed for the Park Circle Development. Issue Series 1 bond to reimburse funds provided for design and construction of the Orchard Run Lift Station. Plan future Series 2 bond issuance to fund remaining facilities needed for the Park Circle Development Phase 3 capacity requirements.			✓	✓			
Coordinate planning efforts for increased capacity requests in the North Village area and participation in the Phase 3 Facilities.			✓				
Continue to evaluate Park Circle developer's proposals to reduce the estimated cost and their financial security requirements of the Phase 3 Facilities required for the development.			✓				
Assist property owners with the transfer of wastewater capacity from those that no longer desire the capacity to those that do.	1			✓			
Work with the owners of the Native Oaks Golf Course to increase the seasonal storage volume of the ponds located within the golf course.			✓				
Secure developer funding for, and complete, the design of the North Village Lift Station and acquisition of the lift station site.			✓	✓			

^a See page 1-23 of this Budget document for the full Strategic Plan.



Valley Center Municipal Water District

Woods Valley Ranch Wastewater Expansion

Long-Term Goals & Objectives	Performance Standard	Strategic Plan Goal*					
		Water Supply	Infrastructure	Finance	Technology	Energy	Compensation & Benefits
Work with the developers and property owners in the Woods Valley Ranch WRF Service Area to prepare planning documents and agreements necessary for the implementation of a Phase 3 and future expansion projects in accordance with the approved Master Plan to meet the wastewater treatment needs of property in the South and North Village area.			✓				
Prepare State Revolving Fund Loan Application for future construction of the Phase 3 Expansion facilities.			✓	✓			
Development of a reclamation plan that provides for the perpetual beneficial reuse of the treated effluent generated by the wastewater customers.			✓				
Pursue Federal funding opportunities to assist with the expansion of the facility to develop recycled water supplies to offset imported potable water irrigation demands, improve ground water quality, and help reduce costs to provide wastewater service to new and existing customers within the designated service area.		✓	✓	✓			



Valley Center Municipal Water District

Woods Valley Ranch Wastewater Expansion Recap of Budget and Source of Financing July 1, 2022 to June 30, 2024

Fund
16

	Replacement Fund	Debt Service Reserve Fund	Continuing Projects Fund	Special Fund	Operating Fund	Total
ACTUAL BALANCE JULY 1, 2022	979,080	1,542,388	3,185,115	284,469	0	5,991,052
Add: Revenue 2022-2023						
AD 2012-1 Assessment	905,766					905,766
CFD Special Tax (Phase 3)	774,096					774,096
Interest	18,190					18,190
Total Revenue	1,698,052	0	0	0	0	1,698,052
LESS: Estimated Expenditures 2022-2023			(3,740,480)		(507,481)	(4,247,961)
Transfers	(2,677,132)		3,971,526		507,481	1,801,875
Net Change	(979,080)	0	231,046	0	0	(748,034)
ESTIMATED BALANCE JUNE 30, 2023	(0)	1,542,388	3,416,161	284,469	0	5,243,018
Add: Revenue 2023-2024						
AD 2012-1 Assessment	1,385,000					1,385,000
CFD Special Tax (Phase 3)	871,400					871,400
Interest	142,564					142,564
Total Revenue	2,398,964	0	0	0	0	2,398,964
LESS: Proposed Expenditures 2023-2024			0		(484,988)	(484,988)
Expenditures of Continuing Projects			(3,416,161)			(3,416,161)
Transfers	(484,988)		0		484,988	0
Series 1 Bond Proceeds	6,000,000					6,000,000
Net Change	7,913,976	0	(3,416,161)	0	0	4,497,815
ESTIMATED BALANCE JUNE 30, 2024	7,913,976	1,542,388	0	284,469	0	9,740,833



Valley Center Municipal Water District

Woods Valley Ranch Wastewater Expansion

Revenue Estimate

Fund	Department
15/16	00

Account No.	Description	2021-2022	2022-2023		2023-2024
		Actual	Budget	Estimated Actual	Budget
81-41110	Assessment District 2012-1 South Village	770,038	1,242,929	905,766	1,385,000
15/81-41120	CFD Special Tax (Phase 3)	837,561	854,318	774,096	871,400
84-41000	Interest Allocation	19,304	15,458	18,190	142,564
89-42000	Contributions in Kind	2,765	0	0	0
Total		1,629,668	2,112,705	1,698,052	2,398,964



Valley Center Municipal Water District

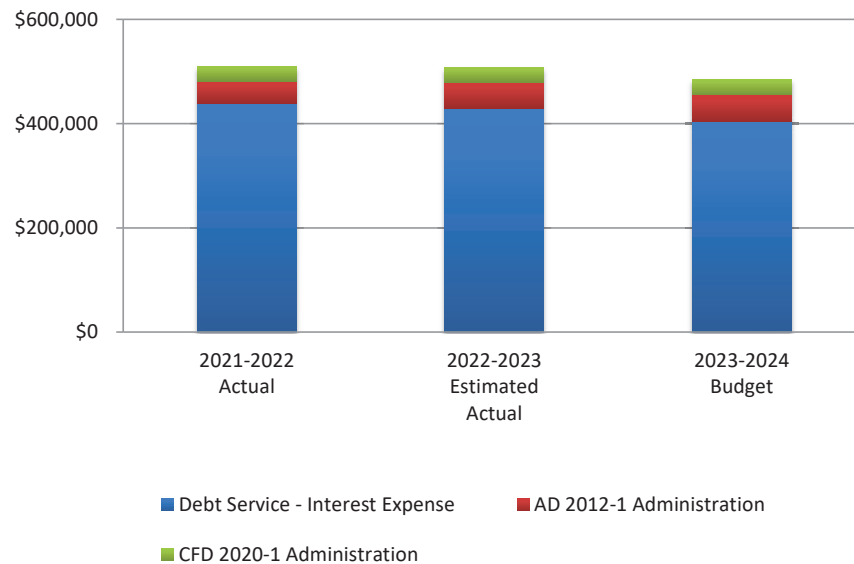
Woods Valley Ranch Wastewater Expansion

Department Summary by Division

Fund	Department
16	03

Division No.	Description	2021-2022	2022-2023		2023-2024
		Actual	Budget	Estimated Actual	Budget
19	Debt Service - Interest Expense	438,957	429,481	429,481	404,988
35	AD 2012-1 Administration	42,406	50,000	50,000	50,000
37	CFD 2020-1 Administration	28,307	28,000	28,000	30,000
78	Capital Projects	801,897	0	3,740,480	0
TOTAL WOODS VALLEY RANCH		1,311,567	507,481	4,247,961	484,988

Division Expenses





Valley Center Municipal Water District

Woods Valley Ranch Wastewater Expansion AD 2012-1 Administration

Division Summary by Expense Category

Fund	Department	Division
16	03	35

Account No.	Description	2021-2022	2022-2023		2023-2024
		Actual	Budget	Estimated Actual	Budget
50001	Labor & Benefits - Regular	32,583	28,800	28,800	31,100
50003	Overtime	829	0	0	0
50025	Outside Professional Services	8,972	21,200	21,200	18,900
50030	Special Department Expenses	22	0	0	0
Total		42,406	50,000	50,000	50,000



Valley Center Municipal Water District

Woods Valley Ranch Wastewater Expansion

AD 2012-1 Administration

Division Detail

Fund	Department	Division	Total Budget Request
16	03	35	\$50,000

Account No.	Detail and Justification		Budget Request
50001	Labor & Benefits - Regular		31,100
		Full Time Equivalents 0.12	
50003	Overtime		
50025	Outside Professional Services		18,900



Valley Center Municipal Water District

Woods Valley Ranch Wastewater Expansion CFD 2020-1 Administration

Division Summary by Expense Category

Fund	Department	Division
15	03	37

Account No.	Description	2021-2022	2022-2023		2023-2024
		Actual	Budget	Estimated Actual	Budget
50001	Labor & Benefits - Regular	19,720	11,500	11,500	12,100
50003	Overtime	0	0	0	0
50025	Outside Professional Services	8,587	16,500	16,500	17,900
Total		28,307	28,000	28,000	30,000



Valley Center Municipal Water District

Woods Valley Ranch Wastewater Expansion CFD 2020-1 Administration

Division Detail

Fund	Department	Division	Total Budget Request
15	03	37	\$28,000

Account No.	Detail and Justification	Budget Request
50001	Labor & Benefits - Regular	12,100
	Full Time Equivalents 0.04	
50003	Overtime	
50025	Outside Professional Services	15,900



Valley Center Municipal Water District

Woods Valley Ranch Wastewater Expansion Debt Service

Division Summary by Expense Category

Fund	Department	Division
16	03	19

Total Outstanding Balance for all 3 Loans
\$18,408,960

Account No.	Description	2021-2022	2022-2023		2023-2024
		Actual	Budget	Estimated Actual	Budget
50070	Interest on SRF Debt Collection System	45,767	45,447	45,447	42,851
50072	Interest on SRF Debt Seasonal Storage	83,473	82,068	82,068	77,381
50073	Interest on SRF Debt Treatment Plant	309,717	301,966	301,966	284,756
Total		438,957	429,481	429,481	404,988

SOURCE OF FINANCING

Assessment AD 2012-1	438,957	429,481	429,481	404,988
Total	438,957	429,481	429,481	404,988



Valley Center Municipal Water District

Woods Valley Ranch Wastewater Expansion

California Clean Water State Revolving Fund Loan Payment Schedule Collection System

Fund	Department	Division
16	03	19

Outstanding Balance
\$1,947,775

Due Date	Ref Num	Beginning Balance	Principal Payment	Interest Rate %	Interest Payment	Total Payment	Ending Balance
8/15/2017	1	\$ 2,337,188.60	\$ 110,666.53	2.20%	\$ 33,977.92	\$ 144,644.45	\$ 2,226,522.07
8/15/2018	2	\$ 2,515,986.07	\$ 111,226.24	2.20%	\$ 52,223.04	\$ 163,449.28	\$ 2,404,759.83
8/15/2019	3	\$ 2,404,759.83	\$ 110,544.56	2.20%	\$ 52,904.72	\$ 163,449.28	\$ 2,294,215.27
8/15/2020	4	\$ 2,294,215.27	\$ 112,976.54	2.20%	\$ 50,472.74	\$ 163,449.28	\$ 2,181,238.73
8/15/2021	5	\$ 2,181,238.73	\$ 115,462.03	2.20%	\$ 47,987.25	\$ 163,449.28	\$ 2,065,776.70
8/15/2022	6	\$ 2,065,776.70	\$ 118,002.19	2.20%	\$ 45,447.09	\$ 163,449.28	\$ 1,947,774.51
8/15/2023	7	\$ 1,947,774.51	\$ 120,598.24	2.20%	\$ 42,851.04	\$ 163,449.28	\$ 1,827,176.27
8/15/2024	8	\$ 1,827,176.27	\$ 123,251.40	2.20%	\$ 40,197.88	\$ 163,449.28	\$ 1,703,924.87
8/15/2025	9	\$ 1,703,924.87	\$ 125,962.93	2.20%	\$ 37,486.35	\$ 163,449.28	\$ 1,577,961.94
8/15/2026	10	\$ 1,577,961.94	\$ 128,734.12	2.20%	\$ 34,715.16	\$ 163,449.28	\$ 1,449,227.82
8/15/2027	11	\$ 1,449,227.82	\$ 131,566.27	2.20%	\$ 31,883.01	\$ 163,449.28	\$ 1,317,661.55
8/15/2028	12	\$ 1,317,661.55	\$ 134,460.73	2.20%	\$ 28,988.55	\$ 163,449.28	\$ 1,183,200.82
8/15/2029	13	\$ 1,183,200.82	\$ 137,418.86	2.20%	\$ 26,030.42	\$ 163,449.28	\$ 1,045,781.96
8/15/2030	14	\$ 1,045,781.96	\$ 140,442.08	2.20%	\$ 23,007.20	\$ 163,449.28	\$ 905,339.88
8/15/2031	15	\$ 905,339.88	\$ 143,531.80	2.20%	\$ 19,917.48	\$ 163,449.28	\$ 761,808.08
8/15/2032	16	\$ 761,808.08	\$ 146,689.50	2.20%	\$ 16,759.78	\$ 163,449.28	\$ 615,118.58
8/15/2033	17	\$ 615,118.58	\$ 149,916.67	2.20%	\$ 13,532.61	\$ 163,449.28	\$ 465,201.91
8/15/2034	18	\$ 465,201.91	\$ 153,214.84	2.20%	\$ 10,234.44	\$ 163,449.28	\$ 311,987.07
8/15/2035	19	\$ 311,987.07	\$ 156,585.56	2.20%	\$ 6,863.72	\$ 163,449.28	\$ 155,401.51
8/15/2036	20	\$ 155,401.51	\$ 155,401.51	2.20%	\$ 3,418.83	\$ 158,820.34	\$ -
Total			\$2,626,652.60		\$618,899.23	\$3,245,551.83	



Valley Center Municipal Water District

Woods Valley Ranch Wastewater Expansion

California Clean Water State Revolving Fund Loan Payment Schedule Seasonal Storage

Fund	Department	Division
16	03	19

Outstanding Balance
\$3,517,753

Due Date	Ref Num	Beginning Balance	Principal Payment	Interest Rate %	Interest Payment	Total Payment	Ending Balance
10/20/2017	1	\$ 4,752,615.89	\$ 216,600.23	2.20%	\$ 78,078.86	\$ 294,679.09	\$ 4,536,015.66
10/20/2018	2	\$ 4,536,015.66	\$ 194,886.75	2.20%	\$ 99,792.34	\$ 294,679.09	\$ 4,341,128.91
10/20/2019	3	\$ 4,341,128.91	\$ 199,174.25	2.20%	\$ 95,504.84	\$ 294,679.09	\$ 4,141,954.66
10/20/2020	4	\$ 4,141,954.66	\$ 203,556.09	2.20%	\$ 91,123.00	\$ 294,679.09	\$ 3,938,398.57
10/20/2021	5	\$ 3,938,398.57	\$ 208,034.32	2.20%	\$ 86,644.77	\$ 294,679.09	\$ 3,730,364.25
10/20/2022	6	\$ 3,730,364.25	\$ 212,611.08	2.20%	\$ 82,068.01	\$ 294,679.09	\$ 3,517,753.17
10/20/2023	7	\$ 3,517,753.17	\$ 217,288.52	2.20%	\$ 77,390.57	\$ 294,679.09	\$ 3,300,464.65
10/20/2024	8	\$ 3,300,464.65	\$ 222,068.87	2.20%	\$ 72,610.22	\$ 294,679.09	\$ 3,078,395.78
10/20/2025	9	\$ 3,078,395.78	\$ 226,954.38	2.20%	\$ 67,724.71	\$ 294,679.09	\$ 2,851,441.40
10/20/2026	10	\$ 2,851,441.40	\$ 231,947.38	2.20%	\$ 62,731.71	\$ 294,679.09	\$ 2,619,494.02
10/20/2027	11	\$ 2,619,494.02	\$ 237,050.22	2.20%	\$ 57,628.87	\$ 294,679.09	\$ 2,382,443.80
10/20/2028	12	\$ 2,382,443.80	\$ 242,265.33	2.20%	\$ 52,413.76	\$ 294,679.09	\$ 2,140,178.47
10/20/2029	13	\$ 2,140,178.47	\$ 247,595.16	2.20%	\$ 47,083.93	\$ 294,679.09	\$ 1,892,583.31
10/20/2030	14	\$ 1,892,583.31	\$ 253,042.26	2.20%	\$ 41,636.83	\$ 294,679.09	\$ 1,639,541.05
10/20/2031	15	\$ 1,639,541.05	\$ 258,609.19	2.20%	\$ 36,069.90	\$ 294,679.09	\$ 1,380,931.86
10/20/2032	16	\$ 1,380,931.86	\$ 264,298.59	2.20%	\$ 30,380.50	\$ 294,679.09	\$ 1,116,633.27
10/20/2033	17	\$ 1,116,633.27	\$ 270,113.16	2.20%	\$ 24,565.93	\$ 294,679.09	\$ 846,520.11
10/20/2034	18	\$ 846,520.11	\$ 276,055.65	2.20%	\$ 18,623.44	\$ 294,679.09	\$ 570,464.46
10/20/2035	19	\$ 570,464.46	\$ 282,128.87	2.20%	\$ 12,550.22	\$ 294,679.09	\$ 288,335.59
10/20/2036	20	\$ 288,335.59	\$ 288,335.59	2.20%	\$ 6,343.38	\$ 294,678.97	-
Total		\$4,752,615.89		\$1,140,965.79		\$5,893,581.68	



Valley Center Municipal Water District

Woods Valley Ranch Wastewater Expansion

California Clean Water State Revolving Fund Loan Payment Schedule Treatment Plant

Fund	Department	Division
16	03	19

Outstanding Balance
\$12,943,432

Due Date	Ref Num	Beginning Balance	Principal Payment	Interest Rate %	Interest Payment	Total Payment	Ending Balance
12/15/2017	1	\$15,525,647.27	\$ 700,177.27	2.20%	\$ 315,105.48	\$ 1,015,282.75	\$ 14,825,470.00
12/15/2018	2	\$15,628,318.00	\$ 720,517.51	2.20%	\$ 363,742.42	\$ 1,084,259.93	\$ 14,907,800.49
12/15/2019	3	\$16,693,528.00	\$ 732,853.70	2.20%	\$ 351,406.23	\$ 1,084,259.93	\$ 15,960,674.30
12/15/2020	4	\$15,240,156.79	\$ 748,976.48	2.20%	\$ 335,283.45	\$ 1,084,259.93	\$ 14,491,180.31
12/15/2021	5	\$14,491,180.31	\$ 765,453.96	2.20%	\$ 318,805.97	\$ 1,084,259.93	\$ 13,725,726.35
12/15/2022	6	\$13,725,726.35	\$ 782,293.95	2.20%	\$ 301,965.98	\$ 1,084,259.93	\$ 12,943,432.40
12/15/2023	7	\$12,943,432.40	\$ 799,504.42	2.20%	\$ 284,755.51	\$ 1,084,259.93	\$ 12,143,927.98
12/15/2024	8	\$12,143,927.98	\$ 817,093.51	2.20%	\$ 267,166.42	\$ 1,084,259.93	\$ 11,326,834.47
12/15/2025	9	\$11,326,834.47	\$ 835,069.57	2.20%	\$ 249,190.36	\$ 1,084,259.93	\$ 10,491,764.90
12/15/2026	10	\$10,491,764.90	\$ 853,441.10	2.20%	\$ 230,818.83	\$ 1,084,259.93	\$ 9,638,323.80
12/15/2027	11	\$ 9,638,323.80	\$ 872,216.81	2.20%	\$ 212,043.12	\$ 1,084,259.93	\$ 8,766,106.99
12/15/2028	12	\$ 8,766,106.99	\$ 891,405.58	2.20%	\$ 192,854.35	\$ 1,084,259.93	\$ 7,874,701.41
12/15/2029	13	\$ 7,874,701.41	\$ 911,016.50	2.20%	\$ 173,243.43	\$ 1,084,259.93	\$ 6,963,684.91
12/15/2030	14	\$ 6,963,684.91	\$ 931,058.86	2.20%	\$ 153,201.07	\$ 1,084,259.93	\$ 6,032,626.05
12/15/2031	15	\$ 6,032,626.05	\$ 951,542.16	2.20%	\$ 132,717.77	\$ 1,084,259.93	\$ 5,081,083.89
12/15/2032	16	\$ 5,081,083.89	\$ 972,476.08	2.20%	\$ 111,783.85	\$ 1,084,259.93	\$ 4,108,607.81
12/15/2033	17	\$ 4,108,607.81	\$ 993,870.56	2.20%	\$ 90,389.37	\$ 1,084,259.93	\$ 3,114,737.25
12/15/2034	18	\$ 3,114,737.25	\$ 1,015,735.71	2.20%	\$ 68,524.22	\$ 1,084,259.93	\$ 2,099,001.54
12/15/2035	19	\$ 2,099,001.54	\$ 1,038,081.90	2.20%	\$ 46,178.03	\$ 1,084,259.93	\$ 1,060,919.64
12/15/2036	20	\$ 1,060,919.64	\$ 1,060,919.64	2.20%	\$ 23,340.23	\$ 1,084,259.87	\$ (0.00)
Total			\$17,393,705.27		\$4,222,516.09	\$21,616,221.36	



Valley Center Municipal Water District

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Woods Valley Ranch Wastewater Expansion

Capital Outlay



Valley Center Municipal Water District

Capital Outlay Budget Summary Woods Valley Ranch Expansion

Fund	Department	Division
16	06	78

Acct. No.	Capital Project Request See Page	Description	Mid-Year Budget Adjustments 2022-2023	Total Approved Budget 2022-2023	Total Estimated Expenditures 2022-2023	Recaptured or Not Carried Forward to 2023-2024	Estimated Budget Carried Forward to 2023-2024	New Appropriation 2023-2024	Total Approved Budget 2023-2024
Phase II Expansion									
561XX		WVR Wastewater Reclamation Facility		2,416,161	-		2,416,161		2,416,161
56120		Land		250,000	-		250,000		250,000
56160		WVR Ranch WRF Phase 2 Expansion		-	-		-		-
56170		WVGC Seasonal Storage		450,000	-		450,000		450,000
56260		GP Flow Meter Installation		27,878	17,878		10,000		10,000
									-
Subtotal Phase II Expansion				3,144,039	17,878	-	3,126,161	-	3,126,161
Assessment District 2012-1									
56150		North Village Planning Collection System		-	-		-		-
56180		Bond Issuance Costs AD 2012-1		-	-		-		-
56310		Orchard Run Lift Station		-	-		-		-
56320	12-12	North Village Lift Station		-	-	290,000	290,000		290,000
									-
Subtotal Assessment District 2012-1				-	-	290,000	290,000	-	290,000
Community Facilities District 2020-1									
55300		WVR WRF Phase 3 Planning		(7,573)	-	7,573	-		-
55330		Series 1 Bond Issuance	150,000	150,000	150,000		-		-
55340		Orchard Run Lift Station		3,580,175	3,572,602	(7,573)	-		-
									-
Subtotal Community Facilities District 2020-1				3,722,602	3,722,602	-	-	-	-
Total Capital Projects			150,000	6,866,641	3,740,480	290,000	3,416,161	-	3,416,161

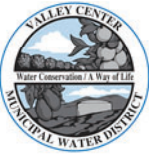


Valley Center Municipal Water District

Capital Outlay Budget Summary Woods Valley Ranch Expansion

Fund	Department	Division
16	06	78

Acct. No.	Capital Project Request See Page	Description	Estimated Budget Carried Forward to 2023-2024	New Appropriation 2023-2024	Total Approved Budget 2023-2024	Estimated Actual Expenditures 2023-2024	Estimated Actual Expenditures 2024-2025	Estimated Project Balance after 2 years
Phase II Expansion								
561XX		WVR Wastewater Reclamation Facility	2,416,161		2,416,161	2,416,161		
56120		Land	250,000		250,000	250,000		
56160		WVR Ranch WRF Phase 2 Expansion	-		-			
56170		WVGC Seasonal Storage	450,000		450,000	450,000		
56260		GP Flow Meter Installation	10,000		10,000	10,000		
Subtotal Phase II Expansion			3,126,161	-	3,126,161	3,126,161	-	-
Assessment District 2012-1								
56150		North Village Planning Collection System	-		-			
56180		Bond Issuance Costs AD 2012-1	-		-			
56310		Orchard Run Lift Station	-		-			
56320	12-12	North Village Lift Station	290,000		290,000	200,000	90,000	
Subtotal Assessment District 2012-1			290,000	-	290,000	200,000	90,000	-
Community Facilities District 2020-1								
55300		WVR WRF Phase 3 Planning	-		-			
55330		Series 1 Bond Issuance	-		-			
55340		Orchard Run Lift Station	-		-			
Subtotal Community Facilities District 2020-1			-	-	-	-	-	-
Total Capital Projects			3,416,161	-	3,416,161	3,326,161	90,000	-



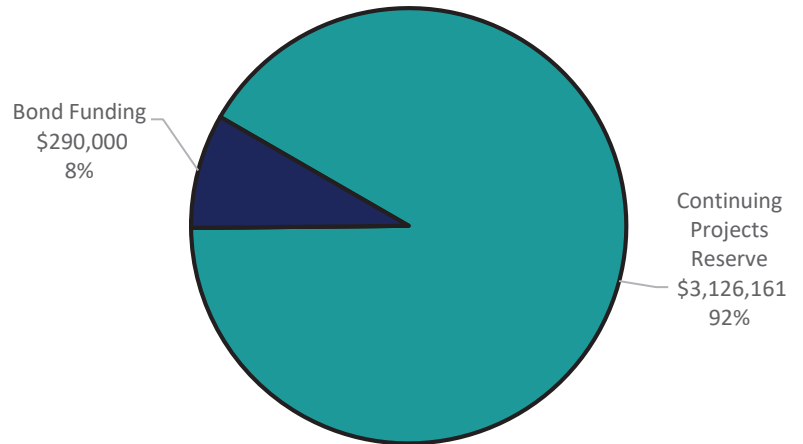
Valley Center Municipal Water District

Capital Outlay Source of Funding Woods Valley Ranch Expansion

All projects are funded by one or more of the following methods:

- **Continuing Projects Reserve:** The Reserve for Continuing Projects are unexpended appropriations for capital projects carried forward from prior years.
- **2023/2024 Annual Assessments and Special Taxes:** This refers to the current budget year 2023/2024 annual Fixed Charge Special Assessments for Assessment District No. 2012-1 and Special Taxes for CFD 2020-1 not allocated to debt service plus earnings not reserved for other purposes.
- **Bond Funding:** Limited Obligation Improvement Bonds (LOI Bonds) have been sold to fund a portion of the Assessment District 2012-1 capital requirements. Additional LOI Bonds will need to be sold to fund the construction of the permanent Orchard Run Lift Station facility. The bonds will be issued by CFD No. 2020-1 and represent the first of 2 Bond issuance series anticipated for the CFD. Repayment of the bonds will be from special taxes levied on the property within the CFD. Bond Issuance expenses funded by the CFD special taxes will later be reimbursed from the bond proceeds.

Capital Outlay Source of Funding



Each Capital Project Request beginning on page 12-11 of this budget document displays a table at the top of the page that looks similar to the one below.

New Item	Type	Master Plan Priority	Project ID	Source of Funding	Strategic Plan Standard	Goal
	Replacement	A	CV010	Bond Funding	8, 9	II

Indicates whether the project request is for a new item, a replacement, or a continuing project.

Correlates to the District's Master Plan document, not included in this budget. A copy can be provided upon request.

Correlates to the Source of Funding described above.

Correlates to the Strategic Plan Goals and Performance Standards described in the Budget Message beginning on page 1-21 of this budget document.

The table on the following page includes all capital projects with their source of funding identified.



Valley Center Municipal Water District

Capital Outlay Source of Funding Woods Valley Ranch Expansion

Fund	Department	Division
16	06	78

Acct. No.	Capital Project Request See Page	Description	Source of Funding			Total Approved Budget 2023-2024
			Continuing Projects Reserve	2023/2024 Annual Assessment and Special Taxes	Bond Funding	
Phase II Expansion						
561XX		WVR Wastewater Reclamation Facility	2,416,161			2,416,161
56120		Land	250,000			250,000
56160		WVR Ranch WRF Phase 2 Expansion				-
56170		WVGC Seasonal Storage	450,000			450,000
56260		GP Flow Meter Installation	10,000			10,000
Subtotal Phase II Expansion			3,126,161	-	-	3,126,161
Assessment District 2012-1						
56150		North Village Planning Collection System				-
56180		Bond Issuance Costs AD 2012-1				-
56310		Orchard Run Lift Station				-
56320	12-12	North Village Lift Station			290,000	290,000
Subtotal Assessment District 2012-1			-	-	290,000	290,000
Community Facilities District 2020-1						
55300		WVR WRF Phase 3 Planning				-
55330		Series 1 Bond Issuance				-
55340		Orchard Run Lift Station				-
Subtotal Community Facilities District 2020-1			-	-	-	-
Total Capital Projects			3,126,161	-	290,000	3,416,161



Valley Center Municipal Water District

ACCOUNT NO.: 16-06-78-56320
DEPARTMENT: Engineering

CAPITAL PROJECT REQUEST

North Village Lift Station - Design

Continuing Project	Type	Master Plan		Source of Funding	Strategic Plan	
	Ultimate Service	<u>Priority</u> 1	<u>Project ID</u> N/A	Local Funds	<u>Standard</u> 9	<u>Goal</u> IV

PROJECT DESCRIPTION:

The project is the design phase of the North Village Lift Station Project. The lift station will be located along Indian Creek Road south of Valley Center Road and will serve the North Village Area.

Funding for the design of the project was included in the AD 2012-1 Series 2018 Bond ("North Village Bond"). Construction of the forcemain in Valley Center Road to be utilized by the lift station was completed utilizing funding included in the North Village Bond. Design of the facilities has been delayed pending acquisition of the facility site, access and utility easements and site plan approval of the surrounding commercial development. Site plan approval is the responsibility of the North Village property owners that would be served by the lift station. The lift station will be designed as a phased facility with the first phase serving the North Village properties participating in AD 2012-1, a capacity sufficient for 400 EDUs and expandable to the capacity needed for the planned ultimate build out of the North Village Service area.

The lift station facilities will include initially two grinder pumps (duty/standby), electrical control panel, SCADA equipment, equalization basin to dampen the peak flows, 8-hour emergency storage, and standby generator to provide emergency power in the event of a power failure and odor control facilities. The entire lift station site will be enclosed in a block wall to screen the facilities from the adjacent commercial property. Also included in the project is the extension of a gravity wastewater main in Indian Creek Road from Valley Center Road to the Lift station site and construction of a parallel 6-inch forcemain from the Lift Station to the existing 6-inch forcemain in Valley Center Road.

The following table summarizes the project funding requirements and expense allocations:

Project Budget	Prior Budget	Prior Estimated Actual Expense	Estimated Budget Remaining	Proposed Budget Allocation 2023-2024	Total Budget 2023-2024	Future Budget Allocation	Future Total Project Budget	Estimated Total Project Cost
Staff			0	50,000	50,000	150,000	200,000	200,000
Engineering			0	200,000	200,000	25,000	225,000	225,000
Construction			0		0	2,500,000	2,500,000	2,500,000
Miscellaneous			0	10,000	10,000	10,000	20,000	20,000
Contingency			0	30,000	30,000	375,000	405,000	405,000
Total Project	0	0	0	290,000	290,000	3,060,000	3,350,000	3,350,000



Woods Valley Ranch Water Reclamation Facility



Woods Valley Ranch Water Reclamation Facility

Personnel Requirements (FTE's)

	<i>Actual</i> FY 2022-23	<i>Budget</i> FY 2022-23	<i>Proposed</i> FY 2023-24
Wastewater Systems Supervisor	0.4	0.4	0.4
Senior Wastewater System Technician	0.4	0.5	0.4
Wastewater Systems Technician III	1.2	1.1	1.2
Wastewater Systems Technician II	0.0	0.2	0.0
Wastewater Systems Technician I	0.9	0.2	0.9
Total	2.9	2.4	2.9

FUNCTION OVERVIEW

Wastewater collection, treatment and disposal services are provided to the Woods Valley Ranch Development and the South and North Village Areas by the 275,000 gallon per day (gpd), Woods Valley Ranch Water Reclamation Facility (WVRWRF) and the South and North Village Low Pressure Sewer (LPS) Collection System. The LPS Collection System has numerous private on-site LPS pump systems in the North and South Village Areas that are maintained by wastewater staff.

A gravity collection system provides service to the Woods Valley Ranch Subdivision directly to the treatment facility. The recently constructed Bear Peak and Park Circle Subdivisions are served by a gravity collection system and the newly completed Orchard Run Lift Station.

The wastewater division strives to operate the facility in the most efficient manner while meeting the requirements of the Waste Discharge Permit issued by the Regional Water Quality Control Board (RWQCB). Currently, the plant is processing an average of 0.120 million gallons per day; while customer implementation of water conservation measures have reduced the average flow per connection the total flow has increased since last year due to additional connections from the new developments.

Funding for the operation of the facilities comes from:

- 1) A fixed charge special assessment on the property tax roll consisting of either a wastewater service charge for properties connected to the system or a wastewater standby fee for properties that have not yet connected to the wastewater system,
- 2) A Grinder Pump Maintenance Charge for connected properties with a grinder pump installation, also assessed on the property tax roll, and
- 3) Proceeds from the sale of reclaimed water to the golf course for irrigation.



Valley Center Municipal Water District

Woods Valley Ranch Water Reclamation Facility

Fiscal Year 2022-2023 Recent Accomplishments & Performance Indicators	Performance Standard	Strategic Plan Goal*					
		Water Supply	Infrastructure	Finance	Technology	Energy	Compensation & Benefits
Staff assisted property owner participants with planning and installation of their grinder pump units for connection to the Low Pressure Sewer System.			✓				
Continued to implement operational changes that reduced equipment run times and energy consumption and improved effluent quality.				✓			
Performed in-house cleaning and video inspection of 20% of the gravity collection system to eliminate potential blockages and reduce outside service expenditures. No sewer overflows occurred during Fiscal Year 2022-2023.			✓				
Continued to provide assistance and support on the South and North node collection system expansion projects on Valley Center Road.			✓				
Continued to respond to Alarms and maintain the Private Low Pressure Sewer On-Site pump systems.			✓				
Completed the annual fats, oils and grease inspections on commercial businesses.	12		✓				
Resubmitted Sanitary Sewer Management Plan (SSMP) pursuant to new Statewide Sanitary Sewer System Waste Discharge General Order Requirements	12		✓				
Continued assisting with the training, testing and implementation of the City Works Asset Management Software to improve efficiencies in the Wastewater Division.					✓		

Long-Term Goals & Objectives	Performance Standard	Strategic Plan Goal*					
		Water Supply	Infrastructure	Finance	Technology	Energy	Compensation & Benefits
Continue to efficiently and effectively operate and maintain the water reclamation facility producing an effluent that will meet or exceed the California Title 22 Water Quality Requirements for irrigation of the golf course facility.	12	✓					
Operate and maintain the plant to be self-supporting without financial consideration from the General Fund.				✓			

* See page 1-23 of this Budget document for the full Strategic Plan.



Valley Center Municipal Water District

Woods Valley Ranch Water Reclamation Facility

Fiscal Year 2023-2024 Goals & Objectives	Performance Standard	Strategic Plan Goal*					
		Water Supply	Infrastructure	Finance	Technology	Energy	Compensation & Benefits
Assist property owner participants with connection to the Low Pressure Sewer System.			✓				
Continue to reduce energy consumption and cost by implementing operational improvements to include the evaluation of solar power generation system development and implementation.	7			✓		✓	
Inspect and clean collection system sewer lines per District's Sanitary Sewer Management Plan (SSMP).	12		✓				
Operation and maintenance of the new collection system and Orchard Run Lift Station within the Bear Peak, Orchard Run and Park Circle Development.			✓				
Implementation of the City Works Asset Management Software for better efficiency.					✓		
Complete Salt-Nutrient Management Plan.	12		✓				
Complete installation of Rapid Sludge Thickener resulting in reduced sludge hauling costs.	8, 9		✓	✓			
Ongoing development and implementation of improved operational strategies to reduce equipment run times and labor cost.						✓	
Respond to Alarms and Maintain the Private Low Pressure Sewer On-Site pump systems.			✓				
Inspection of the Woods Valley Golf Course reclamation water usage and operations to ensure that the course complies with all the Department of Health and Water Quality Control Board's Rules and Regulations.	12	✓					
Complete the update of the existing Operation and Maintenance Manual describing and documenting the procedures for efficient operation of the wastewater facilities, including not only the treatment plant, but also the collection system, seasonal storage facility and the recycled water distribution system.				✓			



Valley Center Municipal Water District

Woods Valley Ranch Wastewater Recap of Budget and Source of Financing July 1, 2022 to June 30, 2024

Fund
17

	Replacement Fund	Operating Reserve Fund	Continuing Projects Fund	Grinder Pump Fund	Operating Fund	Total
ACTUAL BALANCE JULY 1, 2022	1,856,908	469,247	304,768	34,379	0	2,665,302
Add: Revenue 2022-2023						
Wastewater Service Charge	154,090				701,202	855,292
Wastewater Standby Fee	572,608					572,608
Grinder Pump Maintenance Charge				16,349		16,349
Reclaimed Water & Meter Charge					85,401	85,401
Interest	25,066					25,066
Total Revenue	751,764	0	0	16,349	786,603	1,554,717
LESS: Estimated Expenditures 2022-2023			(214,644)	(10,100)	(941,582)	(1,166,326)
Transfers	(310,388)	1,544	153,865		154,979	0
Net Change	441,376	1,544	(60,779)	6,249	0	388,391
ESTIMATED BALANCE JUNE 30, 2023	2,298,284	470,791	243,989	40,628	0	3,053,693
ADD: Revenue 2023-2024						
Wastewater Service Charge	154,090				946,286	1,100,376
Wastewater Standby Fee	407,608					407,608
Grinder Pump Maintenance Charge				18,700		18,700
Reclaimed Water & Meter Charge					157,352	157,352
Interest	55,659					55,659
Total Revenue	617,357	0	0	18,700	1,103,638	1,739,695
LESS: Proposed Expenditures 2023-2024			(824,300)	(18,400)	(1,097,357)	(1,940,057)
Expenditures of Continuing Projects			(243,989)			(243,989)
Transfers	(895,660)	77,641	824,300		(6,281)	0
Net Change	(278,303)	77,641	(243,989)	300	0	(444,351)
ESTIMATED BALANCE JUNE 30, 2024	2,019,981	548,432	0	40,928	0	2,609,342

	2021-2022	2022-2023		2023-2024
	Actual	Budget	Estimated Actual	Budget
GENERAL INFORMATION:				
Total Wastewater Units Billed:	671	800	895	930
Monthly Rates:				
Effective July 1	98.60	98.60	98.60	98.60
Effective January 1	98.60	98.60	98.60	98.60



Valley Center Municipal Water District

Woods Valley Ranch Wastewater

Revenue Estimate

Fund	Department
17	00

Account No.	Description	2021-2022	2022-2023		2023-2024
		Actual	Budget	Estimated Actual	Budget
81-41001	Wastewater Service Charge	530,698	752,515	855,292	1,100,376
81-41003	Wastewater Capacity Reservation Fee	550	550	550	550
81-41005	Sewer Standby Fee (SA-2)	602,536	584,164	572,058	407,058
81-41011	System Development Charge	822,557	0	0	0
81-41014	Grinder Pump Maintenance (SA-2)	14,759	14,061	16,349	18,700
81-44001	Reclaimed Water Meter Charge	2,151	2,267	2,269	2,352
81-44100	Reclaimed Water	61,258	75,000	83,132	155,000
84-41000	Interest - Operating & Replace. Res.	18,614	4,497	25,066	55,659
86-43300	Service Availability Charge	0	0	0	0
89-42000	Contributions In Kind	0	0	0	0
87-44500	Other Income	0	0	0	0
Total		2,053,123	1,433,054	1,554,717	1,739,695



Valley Center Municipal Water District

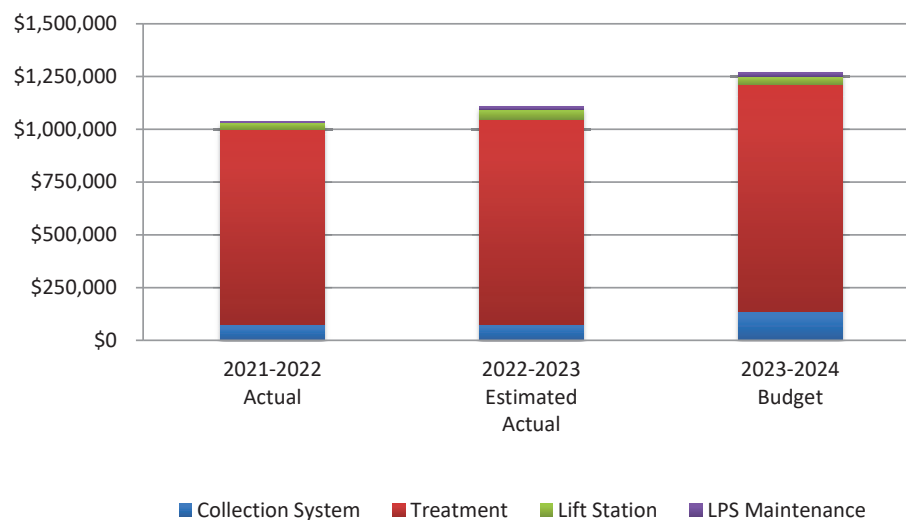
Woods Valley Ranch Wastewater Treatment

Department Summary by Division

Fund	Department
17	03

Division No.	Description	2021-2022	2022-2023		2023-2024
		Actual	Budget	Estimated Actual	Budget
30	Collection System	73,198	119,600	77,350	138,900
31	Treatment	926,563	927,783	969,922	1,074,047
36	Lift Station	32,853	29,300	48,400	38,500
39	LPS Maintenance	2,089	15,900	10,100	18,400
78	Capital Projects	62,724	122,795	214,644	824,300
TOTAL WOODS VALLEY RANCH		1,097,427	1,215,378	1,320,416	2,094,147

Division Expenses





Valley Center Municipal Water District

Woods Valley Ranch Wastewater Collection System

Division Summary by Expense Category

Fund	Department	Division
17	03	30

Account No.	Description	2021-2022	2022-2023		2023-2024
		Actual	Budget	Estimated Actual	Budget
50001	Labor & Benefits - Regular	64,451	104,800	58,500	122,900
50003	Overtime	283	1,500	1,450	1,500
50025	Outside Professional Services	5,138	4,200	4,500	4,500
50030	Special Department Expenses	0	600	4,800	1,500
50038	Regulatory Permits & Fees	3,326	3,500	3,500	3,500
50452	Maintenance of Facilities	0	5,000	4,600	5,000
Total		73,198	119,600	77,350	138,900



Valley Center Municipal Water District

Woods Valley Ranch Wastewater Collection System

Division Detail

Fund	Department	Division	Total Budget Request
17	03	30	\$138,900

Account No.	Detail and Justification		Budget Request
50001	Labor & Benefits - Regular		122,900
		Full Time Equivalents 0.73	
50003	Overtime		1,500
50025	Outside Professional Services		4,500
50030	Special Department Expenses		1,500
50038	Regulatory Permit & Fees		3,500
50452	Maintenance of Facilities including collection system		5,000
	Pump Rebuilds	2,500	
	Replacement Pump(s)	2,500	



Valley Center Municipal Water District

Woods Valley Ranch Wastewater Treatment

Division Summary by Expense Category

Fund	Department	Division
17	03	31

Account No.	Description	2021-2022	2022-2023		2023-2024
		Actual	Budget	Estimated Actual	Budget
50001	Labor & Benefits - Regular	389,233	398,600	404,000	471,600
50003	Overtime	11,324	12,000	11,900	12,000
50025	Outside Professional Services	64,293	45,500	68,000	65,000
50030	Special Department Expenses	367	1,600	1,600	1,600
50032	Telephone	276	300	300	300
50038	Regulatory Permits & Fees	26,001	25,000	28,000	28,000
50040	Rents & Leases	0	250	250	250
50042	Insurance	23,746	17,976	21,100	19,100
50045	Electricity	57,111	65,000	55,000	65,000
50048	Diesel	0	300	300	300
50049	Water	772	1,500	950	1,500
50324	Chemicals	18,258	19,000	29,700	30,000
50451	Maintenance of Vehicles	1,134	1,200	1,200	1,200
50452	Maintenance of Facilities	16,341	14,500	24,900	25,000
50459	Software Technical Support	5,830	3,900	1,565	3,900
50082	Administrative Overhead	151,839	167,067	167,067	195,207
50085	Capital Planning	5,948	0	0	0
Total Treatment Operations		772,473	773,693	815,832	919,957
50078	Contribution to Replacement Reserve	154,090	154,090	154,090	154,090
Total		926,563	927,783	969,922	1,074,047



Valley Center Municipal Water District

Woods Valley Ranch Wastewater Treatment

Division Detail

Fund	Department	Division
17	03	31

Total Budget Request
\$1,074,047

Account No.	Detail and Justification	Budget Request
50001	Labor & Benefits - Regular	471,600
	Full Time Equivalents 2.73	
50003	Overtime	12,000
50025	Outside Professional Services	65,000
	Pumper Trucks - Haul waste	17,000
	Laboratory Testing Services	27,500
	Courier Service	5,000
	Sewer Cleaning	4,000
	SCADA Maintenance	1,000
	Generator Load Testing	2,000
	Wonderware Service Support	2,000
	Confined Space Standby	6,500
50030	Special Department Expenses	1,600
	Tools	800
	Equipment	800
50032	Telephone	300
50038	Regulatory Permits & Fees	28,000
50040	Rents & Leases	250
50042	Insurance	19,100
50045	Electricity	65,000
50048	Diesel	300
50049	Water	1,500
50324	Chemicals	30,000
50451	Maintenance of Vehicles	1,200
50452	Maintenance of Facilities	25,000
	Motor & Pump Repairs	9,500
	Safety Material	3,000
	Misc Material/Equipment	9,000
	Gate Upgrades	3,500
50459	Software Technical Support	3,900
50078	Contribution to Capital Replacement Reserve	154,090
50082	Administrative Overhead	195,207



Valley Center Municipal Water District

Woods Valley Ranch Wastewater Lift Station

Division Summary by Expense Category

Fund	Department	Division
17	03	36

Account No.	Description	2021-2022	2022-2023		2023-2024
		Actual	Budget	Estimated Actual	Budget
50001	Labor & Benefits - Regular	21,950	15,300	24,500	12,000
50003	Overtime	912	3,000	5,200	3,000
50025	Outside Professional Services	1,040	1,500	1,200	2,000
50030	Special Department Expenses	3,630	2,000	3,500	2,500
50045	Electricity	4,819	3,500	10,000	15,000
50324	Chemicals	0	2,500	2,500	2,500
50452	Maintenance of Facilities	502	1,500	1,500	1,500
Total		32,853	29,300	48,400	38,500



Valley Center Municipal Water District

Woods Valley Ranch Wastewater Lift Station

Division Detail

Fund	Department	Division	Total Budget Request
17	03	36	\$38,500

Account No.	Detail and Justification		Budget Request
50001	Labor & Benefits - Regular		12,000
		Full Time Equivalents 0.07	
50003	Overtime		3,000
50025	Outside Professional Services		2,000
50030	Special Department Expenses		2,500
50045	Electricity		15,000
50324	Chemicals		2,500
50452	Maintenance of Facilities including collection system		1,500



Valley Center Municipal Water District

Woods Valley Ranch Wastewater LPS Maintenance

Division Summary by Expense Category

Fund	Department	Division
17	03	39

Account No.	Description	2021-2022	2022-2023		2023-2024
		Actual	Budget	Estimated Actual	Budget
50001	Labor & Benefits - Regular	1,994	6,900	1,400	8,900
50003	Overtime	95	0	800	500
50025	Outside Professional Services	0	1,000	900	1,000
50030	Special Department Expenses	0	500	500	500
50451	Maintenance of Vehicles	0	500	0	500
50452	Maintenance of Facilities	0	7,000	6,500	7,000
Total		2,089	15,900	10,100	18,400



Valley Center Municipal Water District

Woods Valley Ranch Wastewater LPS Maintenance

Division Detail

Fund	Department	Division	Total Budget Request
17	03	39	\$18,400

Account No.	Detail and Justification		Budget Request
50001	Labor & Benefits - Regular		8,900
		Full Time Equivalents 0.05	
50003	Overtime		500
50025	Outside Professional Services		1,000
	Pumping of Tanks	1,000	
50030	Special Department Expenses		500
50451	Maintenance of Vehicles		500
50452	Maintenance of Facilities		7,000
	Pump Rebuild Kits	3,500	
	Replacement Pumps	3,500	



Valley Center Municipal Water District

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Woods Valley Ranch Water Reclamation Facility

Capital Outlay



Valley Center Municipal Water District

Capital Outlay Budget Summary Woods Valley Ranch Wastewater Treatment

Fund	Department	Division
17	06	78

Acct. No.	Capital Project Request See Page	Description	Mid-Year Budget Adjustments 2022-2023	Total Approved Budget 2022-2023	Total Estimated Expenditures 2022-2023	Recaptured or Not Carried Budget Forward to 2023-2024	Estimated Budget Carried Forward to 2023-2024	New Appropriation 2023-2024	Total Approved Budget 2023-2024
57030		Wastewater O&M Manual Development		81,117	25,000		56,117		56,117
57040		Lift Pumps	4,847	13,358	13,358		-		-
57050		Disc Filter Cartridges		-	-		-		-
57100	13-13	Upgrade Process Control Sensors		-	-		-	32,000	32,000
57260		Membrane Filters	1,223	35,223	35,223		-		-
57370		Vehicles (50/50 Funding Moosa/WVR)		23,690	23,690		-		-
57371		Utility Pumper Truck (50/50 Funding Moosa/WVR)		67,500	67,500		-		-
57372		Service Truck (50/50 Funding Moosa/WVR)		59,795	9,873		49,922		49,922
57510		HMI Upgrade		25,000	15,000		10,000		10,000
57880		Wastewater Permit Requirements		127,950	25,000		102,950		102,950
57270		Aeration Piping Evaluation	25,000	25,000			25,000		25,000
57280	13-14	Rapid Thickener		-	-		-	750,000	750,000
57290	13-15	Odor Scrubber Media and Blower		-	-		-	28,500	28,500
57300	13-16	Back-up Aeration Blower/Compressor and Motor		-	-		-	13,800	13,800
Total Capital Projects			31,070	458,633	214,644	-	243,989	824,300	1,068,289



Valley Center Municipal Water District

Capital Outlay Budget Summary Woods Valley Ranch Wastewater Treatment

Fund	Department	Division
17	06	78

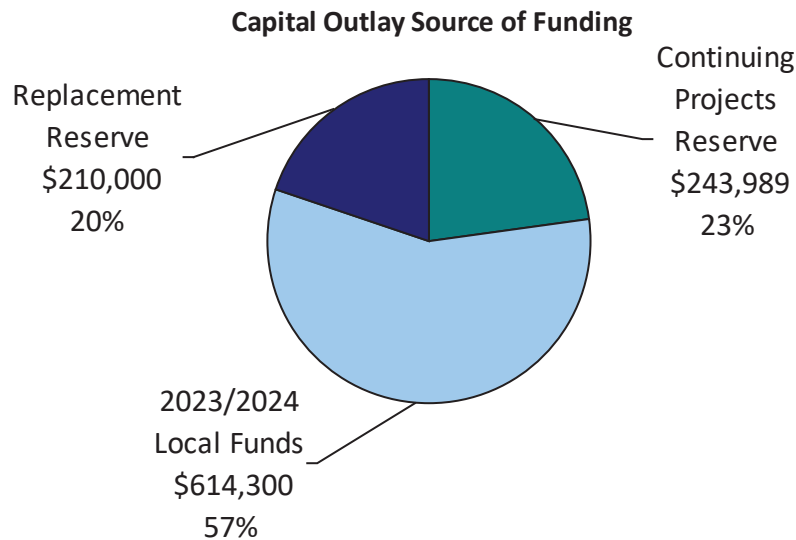
Acct. No.	Capital Project Request See Page	Description	Estimated Budget Carried Forward to 2023-2024	New Appropriation 2023-2024	Total Approved Budget 2023-2024	Estimated Actual Expenditures 2023-2024	Estimated Actual Expenditures 2024-2025	Estimated Project Balance after 2 years
57030		Wastewater O&M Manual Development	56,117		56,117	56,117		
57040		Lift Pumps	-		-			
57050		Disc Filter Cartridges	-		-			
57100	13-13	Upgrade Process Control Sensors	-	32,000	32,000	32,000		
57260		Membrane Filters	-		-			
57370		Vehicles (50/50 Funding Moosa/WVR)	-		-			
57371		Utility Pumper Truck (50/50 Funding Moosa/WVR)	-		-			
57372		Service Truck (50/50 Funding Moosa/WVR)	49,922		49,922	49,922		
57510		HMI Upgrade	10,000		10,000	10,000		
57880		Wastewater Permit Requirements	102,950		102,950	100,000	2,950	
57270		Aeration Piping Evaluation	25,000		25,000	25,000		
57280	13-14	Rapid Thickener	-	750,000	750,000	700,000	50,000	
57290	13-15	Odor Scrubber Media and Blower	-	28,500	28,500	28,500		
57300	13-16	Back-up Aeration Blower/Compressor and Motor	-	13,800	13,800	13,800		
Total Capital Projects			243,989	824,300	1,068,289	1,015,339	52,950	-



Capital Outlay Source of Funding Woods Valley Ranch

All projects are funded by one or more of the following methods:

- **Continuing Projects Reserve:** The Reserve for Continuing Projects are unexpended appropriations for capital projects carried forward from prior years.
- **Local Funds:** Local Funds refers to the current year annual revenues collected for Sewer Service Charges and the Grinder Pump Maintenance Charges.
- **Replacement Reserve:** The Replacement Reserve is funded through the budget appropriation of these local revenues designated for capital use is equal \$154,050 annually depreciation plus earning not reserved for other purposes.



Each Capital Project Request beginning on page 13-12 of this budget document displays a table at the top of the page that looks similar to the one below.

New Item	Type	Master Plan Priority	Project ID	Source of Funding 2023/2024	Strategic Plan Standard	Goal
	Replacement	A	CV010	Local Funds	8, 9	II

Indicates whether the project request is for a new item, a replacement, or a continuing project.

Correlates to the District's Master Plan document, not included in this budget. A copy can be provided upon request.

Correlates to the Source of Funding described above.

Correlates to the Strategic Plan Goals and Performance Standards described in the Budget Message beginning on page 1-21 of this budget document.

The table on the following page includes all capital projects with their source of funding identified.



Valley Center Municipal Water District

Capital Outlay Source of Funding Woods Valley Ranch Wastewater Treatment

Fund	Department	Division
17	06	78

Acct. No.	Capital Project Request See Page	Description	Source of Funding			Total Approved Budget 2023-2024
			Continuing Projects Reserve	Replacement Reserve	2023-2024 Local Funds	
57030		Wastewater O&M Manual Development	56,117			56,117
57040		Lift Pumps				-
57050		Disc Filter Cartridges				-
57100	13-13	Upgrade Process Control Sensors			32,000	32,000
57260		Membrane Filters				-
57370		Vehicles (50/50 Funding Moosa/WVR)				-
57371		Utility Pumper Truck (50/50 Funding Moosa/WVR)				-
57372		Service Truck (50/50 Funding Moosa/WVR)	49,922			49,922
57510		HMI Upgrade	10,000			10,000
57880		Wastewater Permit Requirements	102,950			102,950
57270		Aeration Piping Evaluation	25,000			25,000
57280	13-14	Rapid Thickener		210,000	540,000	750,000
57290	13-15	Odor Scrubber Media and Blower			28,500	28,500
57300	13-16	Back-up Aeration Blower/Compressor and Motor			13,800	13,800
						-
Total Capital Projects			243,989	210,000	614,300	1,068,289



Valley Center Municipal Water District

ACCOUNT NO.: 17-06-78-57100
DEPARTMENT: Operations

CAPITAL PROJECT REQUEST

Upgrade Process Control Sensors

New Project	Type	Master Plan		Source of Funding	Strategic Plan	
	Replacement	<u>Priority</u> A	<u>Project ID</u> N/A	Local Funds	<u>Standard</u> 9	<u>Goal</u> IV,V

PROJECT DESCRIPTION:

Install new process control sensors to allow for better operational control. The current control sensors are being phased out and are less efficient than current technology. The new sensors will reduce electrical costs for the facilities operations and improve treatment for the increasing flows due to new development.

The following table summarizes the project funding requirements and expense allocations:

Project Budget	Prior	Prior	Estimated	Proposed	Total	Future	Future	Estimated
	Budget	Actual	Budget	Budget	Budget	Budget	Total	Total
		Expense	Remaining	Allocation	2023-2024	Allocation	Project	Project
				2032-2024			Budget	Cost
Upgraded Sensors				32,000	32,000		32,000	32,000
Total Project	0	0	0	32,000	32,000	0	32,000	32,000



Valley Center Municipal Water District

ACCOUNT NO.: 17-06-78-57280
DEPARTMENT: Engineering

CAPITAL PROJECT REQUEST

Rapid Thickener

New Project	Type	Master Plan		Source of Funding	Strategic Plan	
	System Upgrade	<u>Priority</u> 1	<u>Project ID</u> N/A	Replacement Reserves and Local Funds	<u>Standard</u> 9	<u>Goal</u> IV

PROJECT DESCRIPTION:

The sludge from the Woods Valley Ranch Water Reclamation Facility ("WVR") has been trucked to the District's Lower Moosa Canyon Water Reclamation Facility ("Moosa") for dewatering and disposal since 2007. Since startup of the WVR, it has made more sense to truck the sludge to Moosa for treatment as inflow to WVR was low and hauling cost to Moosa were significantly less than hauling costs for disposal at other locations. As flows increase, the monthly cost of trucking wet sludge to Moosa increases but does not warrant the installation of a full dewatering facilities at WVR until the inflows are greater than 200,000 gallons per day. WVR is currently treating 100,000 gallon per day and the amount of sludge produced is starting to exceed the digester capacity at Moosa. Hauling the sludge to other locations has been recommended in lieu of increasing digester capacity at Moosa. In order to reduce the cost of trucking until the WVR flows increase to over 200,000 gallons per day, installation of rapid thickening equipment is proposed at WVR. This equipment would reduce the amount of water being hauled to about 25% of the current amount. Assuming a low to moderate increase in flow at WVR over the next ten years, the savings in hauling cost was determined to have a present value of \$780,000. Thus, the cost of installing the rapid thickening equipment would pay for itself over that time frame.

The following table summarizes the project funding requirements and expense allocations:

Project Budget	Prior		Proposed		Total Budget 2023-2024	Future Budget Allocation	Future Total Project Budget	Estimated Total Project Cost
	Prior Budget	Estimated Actual Expense	Estimated Budget Remaining	Budget Allocation 2023-2024				
Staff				50,000	50,000		50,000	50,000
Engineering				50,000	50,000		50,000	50,000
Pre-Purchase Equipment				300,000	300,000		300,000	300,000
Construction				300,000	300,000		300,000	300,000
Miscellaneous				10,000	10,000		10,000	10,000
Contingency				40,000	40,000		40,000	40,000
Total Project	0	0	0	750,000	750,000	0	750,000	750,000



Valley Center Municipal Water District

ACCOUNT NO.: 17-06-78-5290
DEPARTMENT: Operations

CAPITAL PROJECT REQUEST

Woods Valley WRF Odor Scrubber Media and Blower

New Project	Type	Master Plan		Source of Funding	Strategic Plan	
	Replacement	<u>Priority</u> A	<u>Project ID</u> N/A	Local Funds	<u>Standard</u> N/A	<u>Goal</u> N/A

PROJECT DESCRIPTION:

Remove and replace existing odor scrubber media and blower. The current media has been in place since 2008 and has reached its life expectancy to reduce Hydrogen Sulfide (H₂S) gasses. The newer more efficient media and blower will help to reduce H₂Ss gas levels and prevent corrosion on the facilities equipment.

The following table summarizes the project funding requirements and expense allocations:

Project Budget	Prior	Prior	Estimated	Proposed	Total	Future	Future	Estimated
	Budget	Actual	Budget	Budget	Budget	Budget	Total	Total
		Expense	Remaining	Allocation	2023-2024	Allocation	Project	Project
							Budget	Cost
Media and blower				28,500	28,500		28,500	28,500
Total Project	0	0	0	28,500	28,500	0	28,500	28,500



Valley Center Municipal Water District

ACCOUNT NO.: 17-06-78-57300
DEPARTMENT: Operations

CAPITAL PROJECT REQUEST

Back-up Aeration Blower/Compressor and Motor

New Project	Type	Master Plan		Source of Funding	Strategic Plan	
	Replacement	<u>Priority</u> A	<u>Project ID</u> N/A	Local Funds	<u>Standard</u> 9	<u>Goal</u> II

PROJECT DESCRIPTION:

New back-up aeration blower/compressor and motor will help to reduce down times and biological upsets if the current blowers fail. Current blowers have been in operation since 2017. With the recent increase in flows to the facility' the blowers have become more critical to the biological process. Over the past few years, it has become much more difficult to obtain equipment and parts in a reasonable amount of time. This new blower will allow for minimal down times during current blower rebuilds and maintenance and act as a back-up during blower failures.

The following table summarizes the project funding requirements and expense allocations:

Project Budget	Prior	Prior	Estimated	Proposed	Total	Future	Future	Estimated
	Budget	Actual	Budget	Budget	Budget	Budget	Total	Total
		Expense	Remaining	Allocation	2023-2024	Allocation	Project	Project
				2023-2024	2023-2024		Budget	Cost
Aeration blower-motor				13,800	13,800		13,800	13,800
Total Project	0	0	0	13,800	13,800	0	13,800	13,800



Valley Center Municipal Water District

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Appendix



Appendix Glossary

Accrual Basis of Accounting - The method of recording financial transactions in the period in which those transactions take place, rather than only after cash is received or paid.

ACFR - See Annual Comprehensive Financial Report.

Acre Foot - 325,829 gallons or 435.6 hundred cubic feet of water.

Actuarial Valuation - An estimate of the current cost of future obligations of the considering inflation and growth factors.

ACWA - Association of California Water Agencies.

Administrative Code - Document which compiles all ordinances adopted by the Board of Directors.

Advanced Metering Infrastructure (AMI) - an architecture for automated, two-way communication between a smart utility meter with and a utility company.

Annual Comprehensive Financial Report (ACFR) - The official annual report, including financial statements, statistical information, and extensive narration.

Appropriation - Authorization by the Board of Directors to make expenditures for specific purposes, usually limited in time and amount.

Assessment District – a financing vehicle used by public agencies to fund the construction of public improvements or maintenance of public improvements that will directly benefit the parcels within the boundary of the district.

Budget – A financial plan showing authorized expenditures and their funding sources.

CalPERS - See PERS.

Capital Outlay - Expenditures for the purchase of fixed assets.

Consumer Price Index - The Consumer Price Index (CPI) is a measure of the average change over time in the prices paid by urban consumers for a market basket of consumer goods and services.

Depreciation - A portion of the cost of a fixed asset which is charged as an expense during a year, representing an estimate of the value of the asset used up during that year.

Debt Service - The current year portion of interest costs and current year principal payments incurred on long-term debt.

Disbursements - Payments made on obligations.

Effluent – Liquid waste from sewage treatment or industrial processes, water mixed with waste matter.

Enterprise Fund - A fund which accounts for operations financed and operated similar to a private business where costs are recovered primarily through user charges.

Equivalent Dwelling Unit (EDU) - A single-family residential household. It is the unit of measure by which the user is charged for sewer services provided by the District.

Expenditure - An amount paid for an obligation, including operating expenses, debt service, and capital outlay.

Expense Credit - The portion of expenses which have been reimbursed by or allocated to another fund.

Fiscal Year - The 12 month period used for accounting and budgeting purposes, in this case from July 1 to June 30.

Fixed Asset - A tangible item which provides benefit over more than one year, such as property, plant, and equipment. The District further limits fixed assets to those items with an initial value of at least \$2,000.

Fund - A set of accounts used to account for a specific activity, such as a water system or sewer treatment plant.

Fund Balance – The difference between total fund assets and liabilities.

**Generally Accepted Accounting Principles (GAAP)**

– The uniform minimum standards for the presentation of financial reports. For local governments GAAP is set by the Government Accounting Standards Board.

General Fund – For the District, the fund used to account for water system operations. It also includes general expenses, a portion of which are allocated to other funds.

Geographical Information System (GIS) – An information system integrating maps with electronic data.

IAMP - See Interim Agricultural Water Program.

Interim Agricultural Water Program (IAMP) - A program by MWD which reduces the cost of water to certified agricultural customers in exchange for reduced access to water supplies in the event of an emergency or drought.

JPIA - Joint Powers Insurance Authority of the Association of California Water Agencies.

Memorandum of Understanding (MOU) - a legal document describing an agreement between parties.

Metropolitan Water District of Southern California (MWD) - Imports water from the Colorado River and Northern California and sells it at wholesale to its 27 member agencies, which include the San Diego County Water Authority.

MOU - See Memorandum of Understanding

MWD - Metropolitan Water District of Southern California.

Performance Measurement Standard - A standard of service efforts and accomplishments used to determine operating effectiveness and efficiency.

PERS - Public Employees' Retirement System. Also known as CalPERS. Provides retirement benefits to the District's employees, along with the employees of many other state and local California agencies.

Permanent Special Agricultural Water Rate (PSAWR) - A program by the San Diego County Water Authority which reduces the cost of water to certified agricultural customers. Effective 01/01/2021.

Reserve - A portion of fund balance that is held for a specific future use.

SanDAG - San Diego Association of Governments.

San Diego County Water Authority (SDCWA or CWA) - Transports water from MWD pipelines to its 23 member agencies, including the District.

SCADA - Supervisory Control and Data Acquisition. Uses computer technology to monitor and control remote facilities such as pumps and reservoirs.

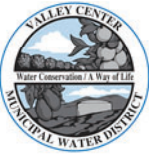
State Revolving Fund (SRF) - Program provides low-cost financing to public agencies for a wide variety of infrastructure projects.

STEP - Septic Tank Effluent Pump. Includes a holding tank and pump at the customer's property to pump effluent into a pressurized wastewater collection system.

Strategic Plan - A document which states the major goals and performance measurement standards for the District.

Tertiary – The purification of wastewater by removal of fine particles, nitrates, and phosphates.

Vulnerability Assessment – The examination of a system to identify critical infrastructure or related components that may be at risk of attack and the procedures that can be implemented to reduce that risk.



Appendix Budget Policies

From Administrative Code Section 50.2: The following policies shall be followed both in preparing the annual budget and during the course of financial operations of the District.

- (a) Reserves. Reserves are to be established and used as follows. Reserves may carry negative balances if it is probable that the deficits will be recovered within a reasonable time.

Reserves funds will not earn interest unless noted below.

The disposition of funds collected in excess of limits shown is at the discretion of the Board of Directors.

All reserves have specific funding sources except for the Operating and Capital Improvement Reserves which will be funded in the order presented from accumulated net earnings.

1. Rate Stabilization Reserves:

- A. Rate Stabilization Reserve: The District component of sales in excess of budgeted water sales and revenue collected for fixed charges in excess of those fixed expenses incurred shall be placed in a rate stabilization reserve to fill any deficit resulting from the water sales volume falling below projected budget figures. It could also be used to defer future increases in the District's component of the water commodity rate and fixed wholesale charges. Fixed wholesale charges include the Metropolitan Water District's Capacity Reservation Charge and the San Diego County Water Authority's Customer Service Charge and Emergency Storage Project Charge. The reserve shall be limited to no more than 50% of the District component of budgeted water sales and fixed wholesale charges.
- B. Pumping Rate Stabilization Reserve: Pumping revenues in excess of the cost of electrical and natural gas power, the cost of the operation and maintenance of all pumping facilities, and the cost of pumping facility capital projects shall be placed in this reserve to defer future increases in the pumping charge rates. The reserve shall be limited to no more than 50% of budgeted pump charge revenues.

2. Operating Reserve:

- A. A reserve shall be established for the asset categories listed below to provide funding for emergencies and natural disasters, such as fire, earthquake, flooding, etc. This reserve need not be funded in the budget.

- (1) General Fund
- (2) Lower Moosa Canyon Water Reclamation Facility
- (3) Woods Valley Ranch Water Reclamation Facility

The Operating Reserves and the Rate Stabilization Reserves together are considered to be discretionary reserves, unrestricted or uncommitted reserves not anticipated to be used in the current fiscal year. The District shall endeavor to maintain these discretionary reserves at a minimum three and a maximum six months operations and maintenance budget (excluding wholesale water and power purchases for the General Fund Operating Reserve).



Appendix Budget Policies

3. Restricted Reserves:

- A. Debt Service Reserve: This reserve includes debt service taxes collected but not yet payable to debt holders, reserves required by debt agreements, and unexpended proceeds from debt issues, and will be used to fulfill debt requirements in accordance with debt covenants. This reserve shall earn interest in accordance with state statute.
- B. Replacement Reserves: Reserves for the following asset categories shall be established.
 - (1) Lower Moosa Canyon Water Reclamation Facility
 - (2) Woods Valley Ranch Water Reclamation Facility
 - (3) Woods Valley Ranch Grinder Pumps

Each reserve shall receive an annual budget appropriation based on a percentage of the current annual depreciation of the asset category as determined from the estimated current replacement cost, service life and age of facility. Proceeds from the sale of these assets shall be credited to these reserves. The “Buy-In” component of the capacity charges for the asset category shall be credited to these reserves. This reserve shall earn interest in accordance with state statute.

These reserves may be used for the replacement of assets or facilities or installation of system upgrades, but not for installation of additional assets or facilities needed for increasing capacity. The reserve shall not exceed the replacement value of the assets covered. With Board approval, funds may be loaned from this reserve for other purposes subject to full repayment of the principle amount plus interest.

4. Capital Reserves:

- A. Continuing Projects Reserves: Unexpended appropriations for capital projects which are not completed in a fiscal year will be carried forward to the following fiscal year.
- B. Capacity Charges: The “Incremental” component of capacity charges shall be credited to the capacity charges reserve in accordance with state statute to provide funding for capacity expansion projects identified in the facility master plan allocable to future demand. This reserve shall earn interest in accordance with state statute.
- C. Capital Improvements Reserve: Water availability charges not allocated to the readiness-to-serve charge and debt service, and property taxes not otherwise allocated shall be credited to the capital improvements reserve to provide funding for future capital projects. In addition, retained earnings not reserved for other purposes shall be transferred to this reserve. The “Buy-In” component of the water capacity charge shall be credited to this reserve. The reserve shall not exceed the current estimated cost of all projects outlined in the Water Master Plan which are (1) not allocable to future demand, (2) not previously appropriated, and (3) not contingent on outside factors.



Appendix Budget Policies

The following table provides reference to reserves. For complete details refer to Section 50.2:

Reserve	Source	Use	Minimum	Maximum	Index
Rate Stabilization Reserves:					
Rate Stabilization	Water revenues over water budgeted and fixed wholesale charges	Deficits resulting from sales volume below budget projections and to moderate future rate increases	None	50% of budgeted District component of water sales and fixed wholesale charges	No
Pumping Rate Stabilization	Pumping revenues over costs	Defer future pumping rate increases; construction of pump facilities	None	50% of budgeted pump charge revenue	No
Operating Reserve:					
Operating Reserve	Earnings not reserved for other purposes	Emergencies or natural disasters	Operating and Rate Stabilization Reserves at three months operating budget (excluding water & power)	Operating and Rate Stabilization Reserves at six months operating budget (excluding water & power)	No
Restricted Reserves:					
Debt Service	Debt service taxes, reserves under debt agreements, and unexpended debt proceeds	Fulfill debt requirements in accordance with debt covenants	Per debt agreements	Per debt agreements	Per debt agreements
Replacement: ◦ Lower Moosa Canyon WRF ◦ Woods Valley Ranch WRF ◦ Grinder Pumps	Budget appropriation equal to a percentage of annual depreciation on related assets, plus proceeds from sales of those assets	Replacement of assets, System Upgrades	None	Replacement cost of assets	Interest

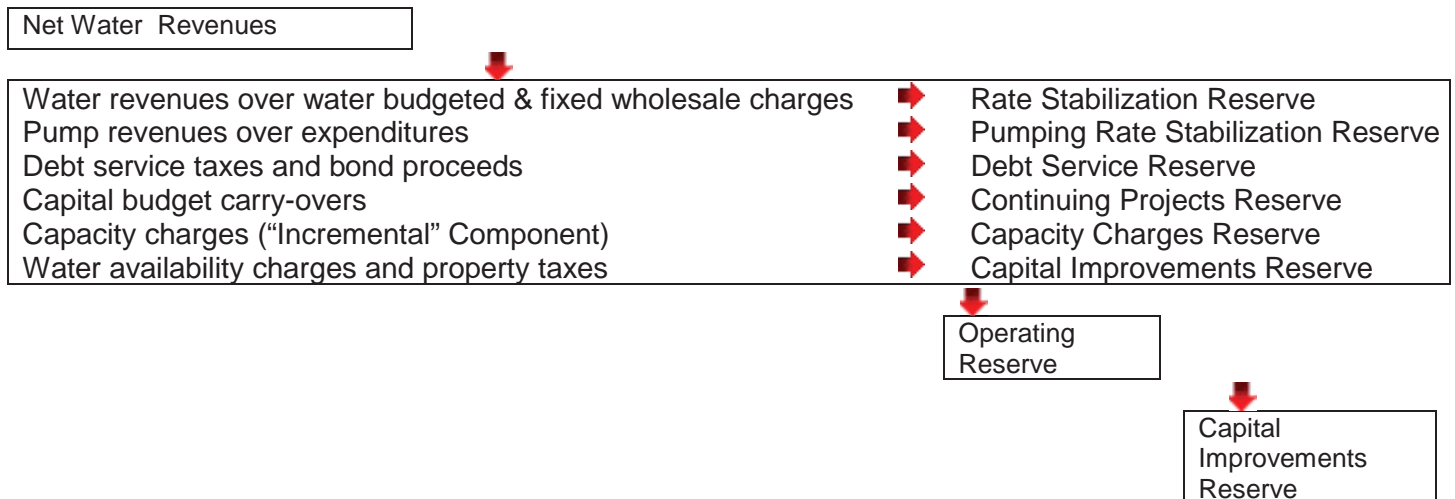


Appendix Budget Policies

Reserve	Source	Use	Minimum	Maximum	Index
Capital Projects:					
Continuing Projects	Unexpended appropriations for capital projects carried forward	Budgeted capital projects	None	Unexpended appropriations	No
Capacity Charges	Capacity charges ("Incremental" component)	Capacity Expansion projects for future demand	Unexpended capacity charges	Unexpended capacity charges	Interest
Capital Improvements	Availability charges not allocated to RTS and debt service, property taxes, and "Buy-In" component of Water Capacity Charge plus earnings not reserved for other purposes	Future capital projects	None	Projects outlined in Master Plan	No

The following charts provide reference to the flow of funds into the reserves. For complete details refer to Section 50.2:

Water System Reserves:



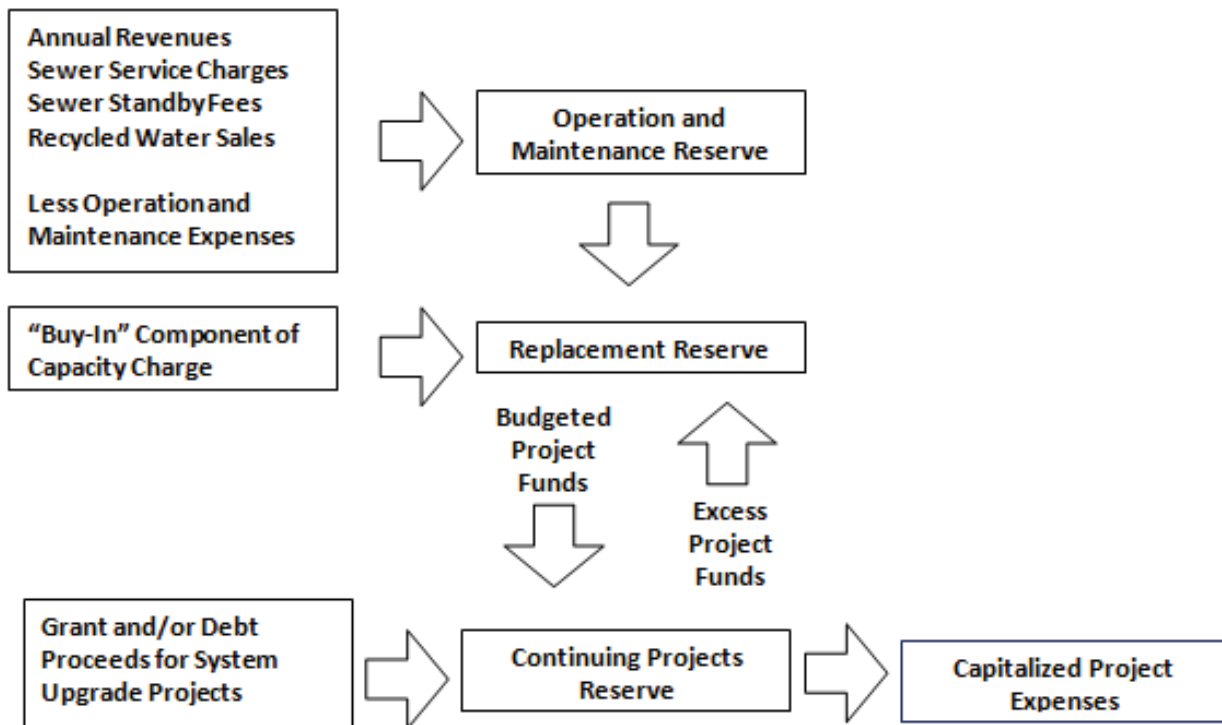


Wastewater System Reserves

Debt Service Funds:

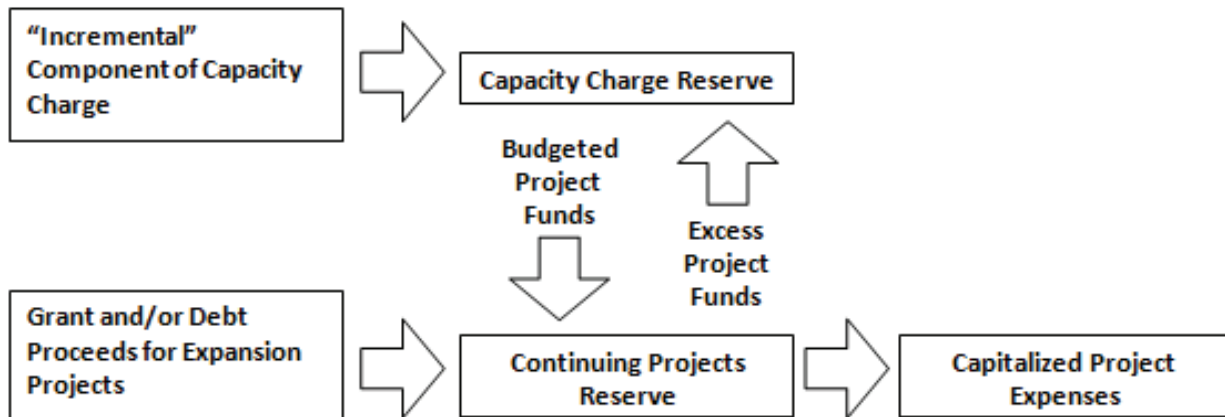


O&M, Replacement and System Upgrade Funds:





Capacity Expansion Funds:



- (b) Fees and Charges. Each water and wastewater system ultimately shall be self-sufficient. Administrative costs incurred by the District shall be allocated to the each system in accordance with general practices and reimbursed to the general fund.

Interest earnings on cash held by the general fund for other funds shall be allocated to the respective funds annually.

In accordance with Section 160.3(g), all fees and charges for wholesale water and water related services shall be passed through to District customers by action of the Board of Directors.

- (c) Debt – See Section 50.3, Debt Policy

- (d) Use of One-time and Unpredictable Revenues. One-time revenues, except when immaterial, should be allocated to the source of the revenue or refunded expenditure or, if not directly allocable, to the rate stabilization fund. Nonrecurring revenues shall not be used to initiate new programs which result in ongoing expenditures without specific notification to and approval by the Board of Directors.

Revenues which cannot be predicted, such as capacity fees, property taxes, and interest, should be forecast conservatively in the budget.

- (e) Balancing the Operating Budget. It is the policy and goal of the District that the current annual operating expenditures shall be funded with current revenues, including but not limited to those provided by the Monthly Meter Service Charge and the Valley Center MWD Commodity Rate. Reserves can be used to provide budgetary funding for the purposes for which the reserves were established as detailed above.

The adopted operating budget shall be prepared on the accrual basis of accounting. Depreciation is not funded in the budget except where required for individual reserves.

- (f) Revenue Diversification. When rate increases are needed to cover District costs, other than wholesale pass through costs, consideration should be given to meeting at least 60% of the District's fixed operating expenditures with the Monthly Meter Service Charge revenue.

- (g) Contingencies. Emergencies are addressed in Article 225.



Appendix Five-Year Forecast

	PROJECTED				
	FY 24/25	FY 25/26	FY 26/27	FY 27/28	FY 28/29
REVENUES:					
Water Sales (Acre Feet)	16,000	16,000	15,500	15,500	15,000
General Fund:					
Operating Revenues:					
Water Sales (including pumping)	40,352,080	42,773,205	44,002,934	46,643,111	47,937,081
Meter Service Charges	8,332,135	8,457,117	8,583,974	8,712,733	8,843,424
New Connection Sales	116,588	58,294	61,208	64,269	67,482
Other Revenue	1,125,040	1,153,166	1,181,995	1,211,545	1,241,834
Investment Income	808,000	816,080	824,241	832,483	840,808
Total Operating Revenue	50,733,843	53,257,862	54,654,353	57,464,141	58,930,629
Debt Service Revenues - Water Availability Charges	40,529	37,639	34,702	31,720	28,688
Capital Project Revenues:					
Capacity Charges	194,525	97,263	102,126	107,232	112,594
Property Taxes	3,333,360	3,433,361	3,536,362	3,642,452	3,751,726
Water Availability Charges	530,971	533,861	536,798	539,780	542,812
Total Capital Project Revenue	4,058,856	4,064,484	4,175,285	4,289,464	4,407,132
Total Budgeted Revenues	54,833,228	57,359,985	58,864,340	61,785,325	63,366,449
EXPENDITURES:					
General Fund:					
Operating Expenses:					
General Administration	985,259	1,014,817	1,045,261	1,076,619	1,108,918
Information Technology	1,102,025	1,135,086	1,169,138	1,204,212	1,240,339
Finance	2,688,959	2,769,628	2,852,717	2,938,298	3,026,447
Engineering	2,282,410	2,350,882	2,421,409	2,494,051	2,568,873
Field Operation	8,287,374	8,535,995	8,792,075	9,055,837	9,327,512
Source of Supply	35,399,494	36,788,996	37,846,679	40,117,480	41,230,417
Total Operating Expenses	50,745,521	52,595,403	54,127,279	56,886,498	58,502,505
Debt Service - Interest Expense	40,529	37,639	34,702	31,720	28,688
Total General Fund Expenditures	50,786,050	52,633,042	54,161,981	56,918,218	58,531,193
NET REVENUE before Capital Project Appropriations	4,047,178	4,726,943	4,702,359	4,867,108	4,835,256
CAPITAL PROJECT APPROPRIATIONS	(5,096,000)	(5,030,000)	(5,000,000)	(4,000,000)	(4,500,000)
FUNDING FROM (TO) RESERVES	(1,048,822)	(303,057)	(297,641)	867,108	335,256
Beginning Fund Balance	15,981,691	14,932,869	14,629,812	14,332,171	15,199,278
Ending Fund Balance	14,932,869	14,629,812	14,332,171	15,199,278	15,534,534

NOTE: This projection is for information only based on assumptions about costs and does not adopt policy or budgetary authority.



Appendix Five-Year Forecast - Wastewater

	PROJECTED				
	FY 24/25	FY 25/26	FY 26/27	FY 27/28	FY 28/29

Moosa Wastewater Treatment Fund

Revenues	\$ 2,223,400	\$ 2,334,600	\$ 2,451,300	\$ 2,573,900	\$ 2,702,600
Budget Requirement					
Operating/Treatment	\$ 1,089,500	\$ 1,144,000	\$ 1,201,200	\$ 1,261,300	\$ 1,324,400
Collection System/West	\$ 312,500	\$ 328,100	\$ 344,500	\$ 361,700	\$ 379,800
LPS Maintenance	\$ 62,100	\$ 65,200	\$ 68,500	\$ 71,900	\$ 75,500
Capital Projects	\$ 1,513,600	\$ 1,559,000	\$ 1,605,800	\$ 1,654,000	\$ 1,703,600
Transfer (to)/from Capital Reserves	\$ (754,300)	\$ (761,700)	\$ (768,700)	\$ (775,000)	\$ (780,700)
Total Budget Requirement	\$ 2,223,400	\$ 2,334,600	\$ 2,451,300	\$ 2,573,900	\$ 2,702,600

Woods Valley Ranch Wastewater Treatment Fund

Revenues	\$ 4,190,400	\$ 4,242,800	\$ 4,295,800	\$ 4,349,500	\$ 4,403,900
Budget Requirement					
Operating/Collection & Treatment	\$ 1,273,600	\$ 1,337,300	\$ 1,404,200	\$ 1,474,400	\$ 1,548,100
Lift Station	\$ 40,400	\$ 42,400	\$ 44,500	\$ 46,700	\$ 49,000
LPS Maintenance	\$ 19,300	\$ 20,300	\$ 21,300	\$ 22,400	\$ 23,500
AD 2012-1 Administration	\$ 52,500	\$ 55,100	\$ 57,900	\$ 60,800	\$ 63,800
CFD 2020-1 Administration	\$ 31,500	\$ 33,100	\$ 34,800	\$ 36,500	\$ 38,300
Debt Service - Interest Expense	\$ 379,974	\$ 354,401	\$ 328,266	\$ 301,555	\$ 274,257
Operating Reserves	\$ 30,327	\$ 31,850	\$ 33,450	\$ 35,100	\$ 36,850
Transfer (to)/from Capital Reserves	\$ 2,362,799	\$ 2,368,349	\$ 2,371,384	\$ 2,372,045	\$ 2,370,093
Total Budget Requirement	\$ 4,190,400	\$ 4,242,800	\$ 4,295,800	\$ 4,349,500	\$ 4,403,900

NOTE: This projection is for information only based on assumptions about costs and does not adopt policy or budgetary authority.



Valley Center Municipal Water District

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Valley Center Municipal Water District

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