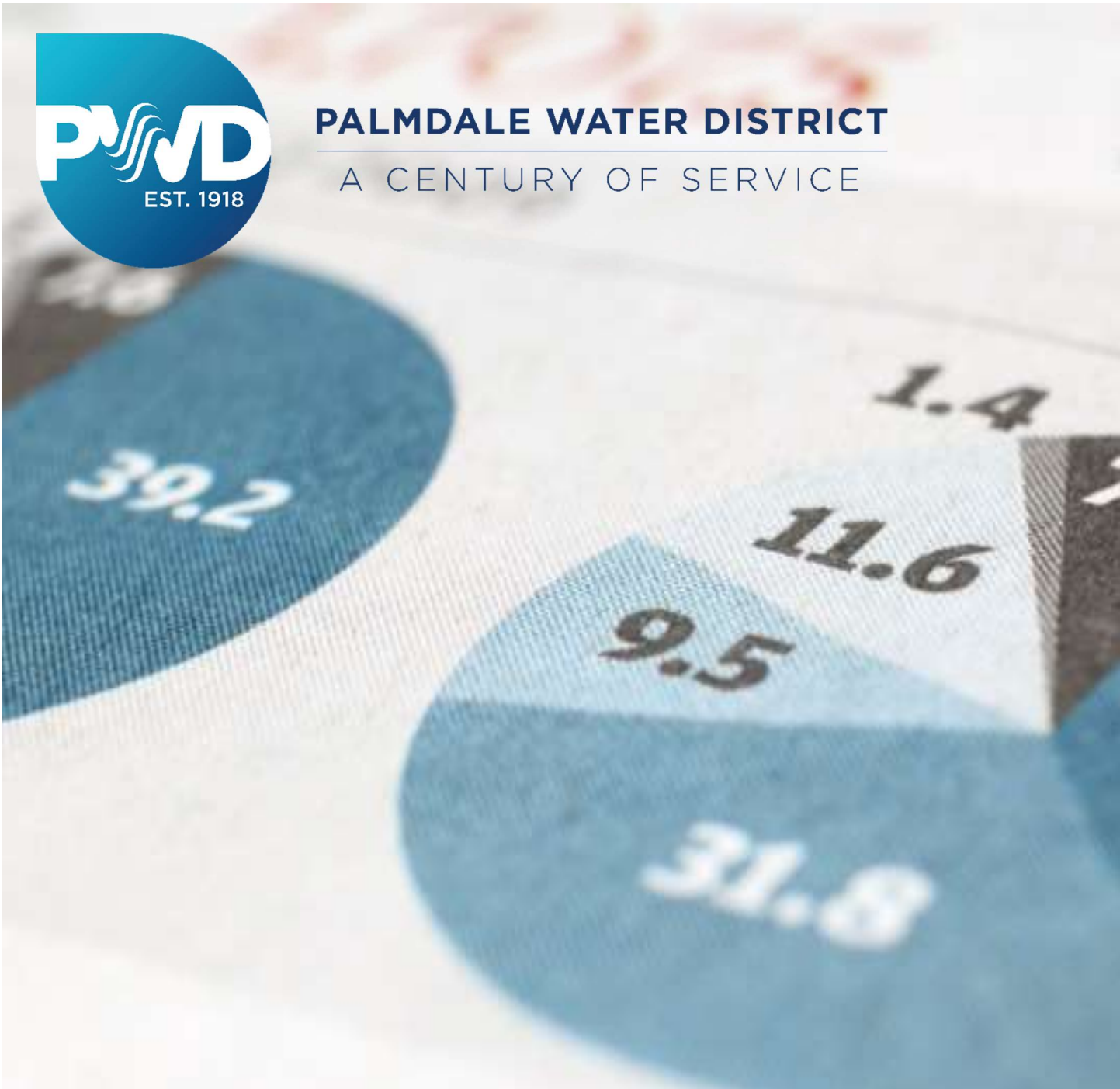




PALMDALE WATER DISTRICT
A CENTURY OF SERVICE



OPERATING BUDGET – Calendar Year 2024

(Adopted: October 23, 2023, Amended: February 12, 2024)

2029 East Avenue Q
Palmdale, CA 93550
PalmdaleWater.org 661-947-4111



PALMDALE WATER DISTRICT

A CENTURY OF SERVICE

BOARD OF DIRECTORS

W. SCOTT KELLERMAN
Division 1

DON WILSON
Division 2

GLORIA DIZMANG
Division 3

KATHY MAC LAREN
Division 4

VINCENT DINO
Division 5

DENNIS D. LaMOREAUX
General Manager

ALESHIRE & WYNDER LLP
Attorneys



On behalf of the Palmdale Water District Board of Directors, I am pleased to present the budget for Calendar Year (CY) 2024 approved October 23, 2023.

Palmdale Water District expects operating revenues of \$34 million with \$31.92 million in operating expenses. Planned capital expenditures are \$3.02 million, and financial obligations for principal and interest on debt payment are \$3.88 million. The budgeted salary and benefits expenses are more than CY 2023.

The CY 2024 Budget addresses the Board of Directors' updated 2022 Strategic Plan, celebrating the 100th Anniversary of the Littlerock Dam, continuing conservation efforts, and working within the Antelope Valley Adjudication Judgement requirements. Palmdale Water District continues its focus on essential services and improvements to provide efficiency and productivity gains, deliver excellent customer care, and lay the foundation for a more diversified and drought-resistant water supply portfolio.

This year's Budget presentation incorporates the styles from prior years. The Introduction, Budget Summary, Basis of Budget, Departments, and Appendix all assist readers with easily accessible information. More detailed information is available at www.palmdalewater.org or from Palmdale Water District staff. Please feel free to contact me or the Finance Department staff if you have any questions.

Very truly yours,

DENNIS D. LaMOREAUX,
General Manager

DDL/ddl

Table of Contents

INTRODUCTION	i
MISSION	ii
VISION	ii
STRATEGIC PLAN	ii
2022 STRATEGIC PLAN	iii
OPERATING BUDGET OVERVIEW – Recovering Demands and Controlled Expenses	v
REVENUES.....	vi
EXPENSES.....	vii
CAPITAL PROJECTS	viii
BUDGET SUMMARY	1
Summary of Revenues and Expenditures – 2024 Budget.....	3
Summary of Revenues and Expenditures – 2023 Projected	4
Fund Analysis – 2022 End of Year (Actual).....	5
Fund Analysis – 2023 Budget (as Approved).....	6
Fund Analysis – 2023 Estimated End of Year (Actual)	7
Fund Analysis – 2024 Budget	8
Income Statement.....	9
Income Statement – General Information.....	10
2024 Operating Expenses (excluding non-cash expenses) – Graph	11
2024 Departmental Expenses – Graph	12
Statement of Cash Flows.....	13
BASIS OF THE BUDGET	15
Organizational Chart	17
Personnel Summary	19
Labor and Benefits Cost Summary	20
Approved Capital Expenditures Carry-over/Plant Expenditure Summary.....	21
New Capital Expenditures Project Request Summary	22
Deferred Capital Expenditures Project Summary	23
Deferred Capital Expenditures Project Summary (continued)	24

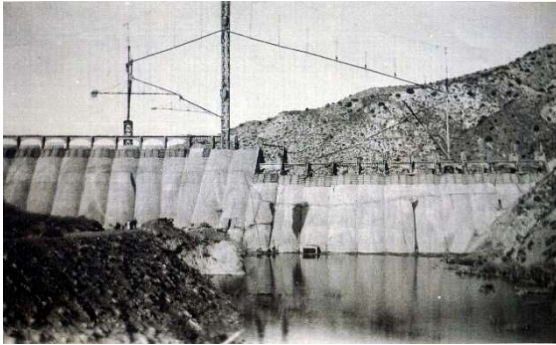
DEPARTMENTS	25
Administration Department.....	27
Engineering Department.....	33
Facilities Department.....	37
Operations Department.....	41
Finance Department.....	43
Water-Use Efficiency Department.....	45
Human Resources Department.....	47
Information Technology Department.....	49
Customer Care Department.....	53
APPENDIX	55
Budget Control Guidelines.....	57
Resolution No. 23-15 Palmdale Water District’s Reserve Policy.....	59
2024 Water Rate Schedule.....	63
2024 Holiday Observance Calendar.....	65
California Water Code – Section 370-374.....	67
Glossary of Terms.....	71

THIS PAGE INTENTIONALLY LEFT BLANK

THIS PAGE INTENTIONALLY LEFT BLANK

INTRODUCTION

Thank you for your interest in Palmdale Water District (PWD) and its approved 2024 Budget. The following provides an overview of the 2024 Budget and its relation to the 2022 Strategic Plan.



Palmdale Water District was formed in 1918 by a vote of its customers as an Irrigation District under Division 11 of the California Water Code. It previously served the community of Palmdale as various forms of a private company for over 30 years. As a public agency, it partnered with the neighboring Littlerock Creek Irrigation District to finance and build the Littlerock Dam. The pictures on this page show this major step for the community, the work done 70 years later to strengthen and raise the Dam, and how it looks now.

This facility remains a key water source for both districts and their customers. Its changes over time mirror other changes the District has worked through. These include significant milestones such as becoming a contractor to the State Water Project, reconstructing Palmdale Dam in the 1960s, meeting the water demands of the fastest-growing community in the country in the late 1980s, and becoming a regional leader on water issues. These demonstrate how the District's foresight and planning have created a strong foundation for the community of Palmdale.



Palmdale Water District celebrated its centennial in July 2018. This accomplishment was recognized through a variety of ways in the year preceding the 100th anniversary. These included monthly public tours of Littlerock Dam and Reservoir and the Leslie O. Carter Water Treatment Plant; a series of displays highlighting events in each decade in both the District lobby and Palmdale City Library; a video series explaining the District's history and projects; and a well-attended celebration on the actual anniversary. The District retains a focus on providing a critical service to the community in its second century of service through the approved 2024 Budget. The focus is detailed in the District's 2022 Strategic Plan and its Mission and Vision statements.



PALMDALE WATER DISTRICT
A CENTURY OF SERVICE

MISSION

Providing high-quality water to our current and future customers at a reasonable cost.

VISION

To strive for excellence in providing high-quality, reasonably priced water in a growing Antelope Valley by participating in local and regional water issues as a strong advocate for our customers, public education, asset management, water-use efficiency, planning and securing additional water supplies; continuing our commitment to operate efficiently with the help of emerging technologies; challenging, motivating, and rewarding our employees; and offering premium customer care in all we do.

STRATEGIC PLAN

The District's Strategic Plan is initiative based so it remains dynamic and matches the ever-changing environmental conditions. Below are the initiative categories that were established in 2014 and updated every two years. The 2016 update added an initiative focused on finances. This is a true reflection and recognition of the fact that providing essential services for our customers requires a solid financial footing. 2022, 2020, and 2018 updates follow the same categories that were established in the 2016 update.

2022 STRATEGIC PLAN

The following is a list of the Strategic Initiatives that includes the more specific areas of focus through policy development and projects. The Strategic Initiatives were established through involvement with the Board of Directors and Management Staff. The six (6) Strategic Initiatives serve as the driving force behind the CY 2024 Budget.



Water Resource Reliability (Resilience, Development, Partnership)

- Support and participate with local agencies in the development of projects and policies that improve water resources, storage, and reliability.
- Maximize state and federal funding opportunities for Pure Water AV.
- Support projects and initiatives that increase the resilience of the State Water Project.
- Develop water storage options for State Water Project supplies and improve groundwater capture capabilities.
- Strengthen Littlerock Dam stakeholder relationships and continue Littlerock Reservoir Sediment Removal Project.



Organizational Excellence (Train, Perform, Reward)

- Offer competitive compensation and benefits package for employee retention.
- Focus Succession Planning Program on ensuring an overlap of training for key positions.
- Continue providing transparency to ratepayers through training for the ongoing achievement of the Districts of Distinction certification.
- Encourage cohesiveness, transparency, and integrity within the staff through Codes of Conduct and increased accountability.
- Ensure employees are trained on the Strategic Plan and Core Values of Diversity, Integrity, Teamwork, and Passion.
- Improve safety for Directors, employees, and customers.
- Develop career paths at the District for interns and pursue state and federal funding for intern programs.
- Cultivate a positive culture and increase employee engagement.



Systems Efficiency (Independence, Technology, Research)

- Explore energy independence and evaluate the feasibility of energy options, including wind and solar.
- Incorporate more energy efficient technologies into the District's infrastructure.
- Research state-of-the-art treatment techniques to enhance systems efficiency.
- Re-evaluate Lake Palmdale by-pass pipeline and pursue funding options.
- Improve Palmdale Ditch to reduce water loss.



Financial Health and Stability (Strength, Consistency, Balance)

- Pursue grant funding for District projects and operations.
- Maintain the five-year financial plan adopted as part of the 2019 Water Rate Study, including the five-year Capital Improvement Plan.
- Conduct and adopt a 2024 five-year Water Rate Plan.
- Build adequate reserve levels and achieve high-level bond rating.
- Seek potential revenue sources from vacant District properties.
- Monitor finances, operations, and projects affected by emergencies.
- Digitize and document departmental workflows.

2022 STRATEGIC PLAN (cont.)



Regional Leadership (Engage, Lead, Progress)

- Continue to provide opportunities and information for local businesses and agencies to contract with the District.
- Continue to collaborate with neighboring water agencies and move to include more agencies throughout and outside of the Antelope Valley through Greater Antelope Valley Mutual Response Agreements and emergency response exercises.
- Develop working relationships and mutually beneficial projects with other water agencies in the District's region.
- Develop strategies, alliances, and funding to make Littlerock Dam and Reservoir recreational again.
- Continue Memorandum of Understanding with United Water Conservation District to combine political forces to obtain grant funding and research other joint cooperative regional efforts.
- Continue representation on larger regional organizations such as the California Special Districts Association (CSDA) and the Association of California Water Agencies (ACWA) and assist with the growth and influence of the Special Districts Association of North Los Angeles County, a CSDA local chapter.



Customer Care, Advocacy, and Outreach (Promote, Educate, Support)

- Enhance customers' experience through communication and feedback.
- Expand and market additional payment options.
- Continue to increase public awareness of current programs and services through traditional and new media platforms.
- Engage elected officials and the public on the importance of local and state water reliability issues.
- Complete conversion to an Advanced Metering Infrastructure (AMI) to increase customers' knowledge of water use and promote customer self-help portal.
- Continue to increase public awareness of the ongoing drought and the importance of conservation efforts.
- Publicize, engage, and educate the community about Pure Water AV.

OPERATING BUDGET OVERVIEW – Recovering Demands and Controlled Expenses

The District’s CY 2024 Operating Revenues are budgeted at \$34 million and is roughly \$1,400,000 more than the CY 2023 Budget. Operating Revenues by category are summarized below:

	CY 2023 BUDGET	CY 2024 BUDGET	% Change
OPERATING REVENUES:			
Water consumption sales	\$ 12,309,000	\$ 12,000,000	(2.5%)
Monthly meter service charge	18,140,000	19,850,000	9.4%
Water quality fees	600,000	600,000	0.0%
Elevation Fees	350,000	350,000	0.0%
Other water service charges	1,200,000	1,200,000	0.0%
TOTAL OPERATING REVENUES:	\$ 32,599,000	\$ 34,000,000	4.3%

The District’s CY 2024 Operating Expenses are budgeted just over \$29.7 million, compared to \$29.3 million in the CY 2023 budget. Operating Expenses by category are summarized below:

OPERATING EXPENSES:			
Source of supply - purchased water	\$ 3,205,000	\$ 3,530,000	10.1%
Directors	194,500	194,500	0.0%
Administration	5,028,764	5,840,491	16.1%
Engineering	1,964,775	2,134,750	8.7%
Facilities	8,461,136	8,154,071	(3.6%)
Operations	3,787,623	4,341,785	14.6%
Finance	1,966,077	1,987,750	1.1%
Water-Use Efficiency	354,172	326,800	(7.7%)
Human Resources	734,412	727,750	(0.9%)
Information Technology	1,981,477	2,056,747	3.8%
Customer Care	1,615,876	1,651,350	2.2%
TOTAL OPERATING EXPENSES:	\$ 29,293,812	\$ 30,945,994	5.6%

The CY 2024 capital portion of the budget includes potential expenditures of \$24.58 million. This includes approximately \$3.02 million in capital projects started in prior years, along with new capital projects and \$21.56 million in capital projects covered by the District’s various WRB Issues, \$1.8 million for sediment removal at Littlerock Dam and \$400,000 in plant expenditures.

REVENUES

In 2019, the District conducted a new, multi-year rate plan. This was conducted by consulting firm Robert D. Niehaus, Inc. (RDN). This new, multi-year rate plan was approved by the Board of Directors on October 28, 2019, and established an annual rate adjustment of 8.1% in total operating revenue related to the fixed meter fee and variable consumption. This rate plan began in 2020 and will run through 2024. Rate changes apply to both the monthly meter charge and commodity rates shown below.

The District is projecting customer usage of 14,500 acre-feet of potable water sales for CY 2024, which is the same amount utilized in the 2023 budget. This projected usage is based on similar usage by the customers and projected above average rainfall in the state of California.

Tiered Commodity Rates (\$/CCF)

	CY 2020	CY 2021	CY 2022	CY 2023	CY 2024
Tier 1	0.88	0.93	0.98	1.03	1.08
Tier 2	1.52	1.63	1.74	1.86	1.98
Tier 3	2.03	2.15	2.27	2.40	2.54
Tier 4	3.29	3.51	3.74	3.98	4.23
Tier 5	4.64	5.01	5.39	5.79	6.23

Monthly Meter Charge

	CY 2020	CY 2021	CY 2022	CY 2023	CY 2024
1" and Smaller	38.22	41.60	45.52	49.79	54.43
1.5"	92.99	101.49	111.51	122.47	134.37
2"	140.84	153.81	169.16	185.96	204.21
3"	252.48	275.89	303.69	334.10	367.16
4"	412.05	450.38	495.96	545.84	600.07
6"	810.62	886.21	976.21	1,074.72	1,181.81
8"	1,289.09	1,409.41	1,552.74	1,709.62	1,880.17
10"	1,847.47	2,019.99	2,225.56	2,450.56	2,695.17

The CY 2024 Budget also continues the District's effort to control the costs related to the water quality and moving water to customers at higher elevations. Both costs are shown separately on our customers' water bills. This provides transparency and accountability for these expenses and charges.

The water quality fee is primarily controlled by the cost of Granular Activated Carbon (GAC). In 2014, the District negotiated a long-term contract related to the purchase expense for GAC used during the water treatment process. This contract will be re-negotiated in 2024 and may have additional costs not included in the budget projections. The District also implemented a five-year running average of the water quality expenses to avoid any significant cost changes to customers. These have allowed the District to reduce the water quality fee from the initial charge of \$0.20/ccf to \$0.13/ccf in 2016, \$0.12/ccf in 2017 and \$0.11/ccf in 2018. This fee in 2021 decreased to \$0.09/ccf and remained the same for 2022. In 2023, the fee was \$0.08/ccf, and 2024 will have this fee set at \$0.06/ccf.

District staff also continually reviews Edison rate structures to minimize the cost of moving water to higher elevations. This includes optimized run times to take advantage of lower power costs during off-peak times and a proactive maintenance schedule of booster and well facilities to lessen the impact on expenses related to emergency equipment failures. These expenses also use a five-year running average to avoid significant changes in costs to customers. These actions have allowed the District to control the elevation booster surcharges for ratepayers living in higher elevation zones.

	CY 2022	CY 2023	CY 2024
Water Quality Fee (\$/ccf)	0.09	0.08	0.06
Elevation Booster Surcharge (\$/ccf)			
Base	-	-	-
Zone A1	0.09	0.09	0.10
Zone A2	0.59	0.60	0.63
Zone A3	1.17	1.15	1.21

EXPENSES

The CY 2024 operating expenses show an overall increase from the 2023 Budget. One area that has an increase is salaries due to the cost-of-living adjustment to compensate for inflation. Healthcare plans for 2024 had a slight increase in premiums from Anthem and Kaiser.

When looking at major expenses, most of this increase will be related to water production and treatment. 2023 had higher purchased water costs due to receiving a 100 percent allocation from the State Water Project. This allowed the District to maximize its groundwater recharging efforts and paying back allotments gained from other entities during the drought in 2021 and 2022. The District continued to see increases in electricity and natural gas expenses (water production from wells) and chemicals costs associated with treatment. The District anticipates this will continue into 2024. Overall, we expect general expense cost increases across the board as material shortages continue in the supply chain, along with continuing inflation.

The District will continue to reach out to the ratepayers in 2024 with various programs that will educate and involve the community. The programs will include offering rebates for landscape conversions, educational presentations at schools, public tours of PWD facilities (if permitted), water-saving workshops, and quarterly newsletters. The 2024 Budget allocates \$100,000 for rebate programs to assist customers with landscape conversion and replacement of inefficient indoor appliances. To ensure that our ratepayers are properly informed about District operations and available programs, the 2024 Budget also includes \$32,500 for the quarterly publication of “The Pipeline,” an external newsletter.

CAPITAL PROJECTS

As previously stated, the CY 2024 capital portion of the budget includes potential expenditures of \$24.58 million. They are summarized on Pages 21-24 in the “Basis of the Budget” section. The total consists of expenditures for projects, equipment, and planning studies that were contractually committed in 2022/23 but will be finished and expensed in 2024.

All the carry-over projects, contractually committed, and plant expenditures are shown in the tables on Page 21. Pages 22 contains the list of potential new project requests identified for 2024 in the 2019 Water Rate Study.

Continuing PWD’s commitment to the orderly replacement of capital infrastructure, which is part of the District’s Strategic Plan, staff will focus on replacing and upgrading necessary water production, storage, and distribution infrastructure and invest in new information technology. The approved Capital Expenditures Budget contains plant expenditures of \$400,000 related to safety and regulatory requirements, equipment replacement, and \$2,400,000 for replacement capital/equipment.

The 2021A Series Water Revenue Bond provided \$10,000,000 in funding to assist with completing the District’s long-term capital projects. This includes waterline replacement, installation of a new well site, and a new booster pump station. The 2024 budget has the remaining funds being exhausted on allocated projects in the amount of \$1,127,701.

The District issued the 2023A Series Water Revenue Bonds in 2023, which provided \$13,520,000 in funding to assist with further completion of the District’s long-term capital projects. This includes equipping the new well site, waterline replacement, and a new booster pump station. The 2024 budget has potential expenditures for these projects estimated at \$6,000,000.

The District has also included on pages 23 and 24 a listing of future project expenditures, broken down by category, that are currently deferred without funding or will be funded in coming years.

BUDGET SUMMARY

THIS PAGE INTENTIONALLY LEFT BLANK

Summary of Revenues and Expenditures – 2024 Budget

Activity	Estimated Cash Revenues	Estimated Cash Expenditures
Net Water Sales	\$ 12,000,000	
Meter Fees	19,850,000	
Elevation Fees	350,000	
Other Operating Revenue	1,200,000	
Water Quality Fees (Restricted Use)	600,000	
(Increase)/Decrease in Cash (From Operating)	(294,006)	
Directors		\$ 194,500
Administration		5,840,491
Engineering		2,134,750
Facilities		8,154,071
Operations		4,341,785
Finance		1,987,750
Water-Use Efficiency		326,800
Human Resources		727,750
Information Technology		2,056,747
Customer Care		1,651,350
Water Purchases		2,780,000
Plant Expenditures & Sediment Removal		2,200,000
Water Quality Expense (GAC)		750,000
Adjustments Related to Expense Posting (Projected)		560,000
SUBTOTAL OPERATING	\$ 33,705,994	\$ 33,705,994
Projected Beginning Cash - 01/01/2023	\$ 14,760,589	
Assessments received	10,450,000	
Capital Improvement Fees	550,000	
DWR Refund (Capital Related)	300,000	
State Grants	1,100,000	
Interest on Investments	285,000	
Other Income	25,000	
Payments for State Water Project		7,698,816
Principal Paid on Long-Term Debt		671,666
Interest Paid on Long-Term Debt		2,678,903
Capital Leasing		527,401
Investments in PRWA		25,000
Water-Use Efficiency		-
Acquisition of Property, Plant & Equipment		3,022,000
	\$ 27,470,589	\$ 14,623,786
Projected Ending Cash - Non-Operating	12,846,803	
Rate Stabilization Fund	(100,000)	
Increase/(Decrease) in Cash (From Operating)	294,006	
Projected Ending Cash - 12/31/2024	13,040,809	
Less Restricted Cash	-	
Available Operating Cash - 12/31/2024	\$ 13,040,809	
Increase/(Decrease) in Revenue	(1,719,780)	

Summary of Revenues and Expenditures – 2023 Projected

Cash Basis (14,500 Ac. Ft.)		
Activity	Estimated Cash Revenues	Estimated Cash Expenditures
Net Water Sales	\$ 11,030,000	
Meter Fees	18,395,000	
Elevation Fees	343,000	
Other Operating Revenue	1,276,000	
Water Quality Fees (Restricted Use)	548,500	
Adjustments Related to Receipt of Cash	-	
(Increase)/Decrease in Cash (From Operating)	(2,175,682)	
Directors		\$ 156,889
Administration		5,015,995
Engineering		1,770,358
Facilities		7,084,849
Operations		4,136,717
Finance		1,732,317
Water-Use Efficiency		280,747
Human Resources		598,869
Information Technology		1,852,477
Customer Care		1,567,022
Water Purchases		4,008,579
Water Quality Expense (GAC)		620,000
Littlerock Dam Sediment Removal Project		238,000
Plant Expenditures		354,000
Adjustments Related to Expense Posting (Prior Year)		-
SUBTOTAL OPERATING	\$ 29,416,818	\$ 29,416,818
Projected Beginning Cash - 01/01/2022	\$ 16,094,933	
Assessments received	10,678,755	
Capital Improvement Fees	802,116	
DWR Refund (Capital Related)	275,075	
State Grants	1,084,789	
Interest on Investments	525,000	
Other Income	138,586	
Payments for State Water Project		7,176,456
Principal Paid on Long-Term Debt		2,615,645
Interest Paid on Long-Term Debt		2,206,579
Capital Leasing		527,401
Investments in PRWA		12,000
Water-Use Efficiency		-
Acquisition of Property, Plant & Equipment		5,611,255
	\$ 29,599,254	\$ 18,149,337
Projected Ending Cash - Non-Operating	11,449,917	
Rate Stabilization Fund	(188,050)	
Increase/(Decrease) in Cash (From Operating)	2,175,682	
Projected Ending Cash - 12/31/2022	13,437,549	
Less Restricted Cash	-	
Available Operating Cash - 12/31/2022	\$ 13,437,549	

Fund Analysis – 2022 End of Year (Actual)

Fund levels reflect the fiscal viability of the District. These funds have been set aside pursuant to legal requirements or action by the Board of Directors. Category of funds were established by Resolution No. 09-03 passed and adopted March 11, 2009. On September 25, 2018, this resolution was superseded by Resolution No. 18-10 and is shown on all Fund Analysis sheets (See Appendix for verbiage for the Reserve Fund Policy – Resolution No. 18-10).

Sources of Cash	Actual Ending Balance 12/31/2021	2022 Budget		Actual Ending Balance 12/31/2022
		Sources	Uses	
Net Operating Income		\$ (2,378,091)		
Adjustment - Water Quality (GAC Media)		\$304,920		
Adjustment - Depreciation/Amortization Add Back		5,223,047		
Adjustment - Post-Employment Benefits (GASB 45)		17,354		
Adjustment - Bad Debt		16,690		
Adjustment - Service Costs Construction		480,546		
Adjustment - Capitalized Construction		(1,256,442)		
Net Non-Operating Income		10,112,257		
Cash from Revenues above Expenses to place into funds		\$ 12,520,281		
Reserve Funds (Based on Resolution No. 18-10)				
1 Capital Improvement Fund (CIF)	\$ -	\$ 2,318,354	\$ 2,318,354	\$ -
2 Bond Proceeds Fund	11,012,597	2,400,000	5,688,657	7,723,940
3 Debt Service Reserve Fund	-	-	-	-
4 Rate Stabilization Fund (Operating Cash)	571,477	150,344	-	721,821
Total Legally Restricted	\$ 11,584,074	\$ 4,868,699	\$ 8,007,011	\$ 8,445,762
5 Dam Self-Insurance	\$ 5,000,000	\$ -	\$ -	\$ 5,000,000
6 O&M Operating Reserve (3-Month operating exp.)	5,600,000	-	-	5,600,000
7 O&M Emergency Reserve	-	5,600,000	5,600,000	-
8 Unrestricted Reserves	3,411,973	6,769,937	5,408,799	4,773,112
Total Board Restricted	\$ 14,011,973	\$ 12,369,937	\$ 11,008,799	\$ 15,373,112
Total Operating Cash	\$ 14,583,451			\$ 16,094,933

Fund Analysis – 2023 Budget (as Approved)

Sources of Cash	2023 Budget			
	Projected Balance 12/31/2022	Sources	Uses	Projected Balance 12/31/2023
Net Operating Income		\$ (3,519,812)		
Adjustment - Water Quality (GAC Media)		750,000		
Adjustment - Depreciation/Amortization Add Back		5,250,000		
Adjustment - Post-Employment Benefits (GASB 45)		1,600,000		
Adjustment - Bad Debt		25,000		
Adjustment - Service Costs Construction		450,000		
Adjustment - Capitalized Construction		(1,100,000)		
Net Non-Operating Income		<u>5,344,649</u>		
		Cash from Revenues above Expenses to place into funds		<u>\$ 8,799,837</u>
Reserve Funds (Based on Resolution No. 18-10)				
1 Capital Improvement Fund (CIF)	\$ -	\$ 550,000	\$ 550,000	\$ -
2 Bond Proceeds Fund	5,651,143	13,000,000	4,753,135	13,898,008
3 Debt Service Reserve Fund	-	-	-	-
4 Rate Stabilization Fund (Operating Cash)	699,977	100,000	-	799,977
	Total Legally Restricted	\$ 6,351,120	\$ 13,650,000	\$ 5,303,135
				\$ 14,697,985
5 Dam Self-Insurance	\$ 5,000,000	\$ -	\$ -	\$ 5,000,000
6 O&M Operating Reserve (3-Month operating exp.)	5,600,000	-	-	5,600,000
7 O&M Emergency Reserve	-	-	-	-
8 Unrestricted Reserves	1,558,419	8,730,213	8,816,442	1,472,190
	Total Board Restricted (Operating Cash)	\$ 12,158,419	\$ 8,730,213	\$ 8,816,442
				\$ 12,072,190
	Total Operating Cash	\$ 12,858,396		\$ 12,872,167
	Carry-over	(795,615)		
	Available Operating Cash	\$ 12,062,781		

Fund Analysis – 2023 Estimated End of Year (Actual)

Sources of Cash	2023 Budget			
	Projected Balance 12/31/2022	Sources	Uses	Projected Balance 12/31/2023
Net Operating Income		\$ (4,422,318)		
Adjustment - Water Quality (GAC Media)		620,000		
Adjustment - Depreciation/Amortization Add Back		5,600,000		
Adjustment - Post-Employment Benefits (GASB 45)		1,530,000		
Adjustment - Bad Debt		38,000		
Adjustment - Service Costs Construction		650,000		
Adjustment - Capitalized Construction		(1,220,000)		
Net Non-Operating Income		9,608,089		
Cash from Revenues above Expenses to place into funds		<u>\$ 12,403,771</u>		
Reserve Funds (Based on Resolution No. 13-13)				
1 Capital Improvement Fund (CIF)	\$ -	\$ 802,116	\$ 802,116	\$ -
2 Bond Proceeds Fund	7,723,940	13,520,000	6,493,616	14,750,324
3 Debt Service Reserve Fund	-	-	-	-
4 Rate Stabilization Fund (Operating Cash)	721,821	218,941	-	940,763
Total Legally Restricted	\$ 8,445,762	\$ 14,541,057	\$ 7,295,732	\$ 15,691,087
5 Dam Self-Insurance	\$ 5,000,000	\$ -	\$ -	\$ 5,000,000
6 O&M Operating Reserve (3-Month operating exp.)	5,600,000	-	-	5,600,000
7 O&M Emergency Reserve	-	-	-	-
8 Unrestricted Reserves	4,773,112	12,184,830	12,159,457	4,798,485
Total Board Restricted	\$ 15,373,112	\$ 12,184,830	\$ 12,159,457	\$ 15,398,485
Total Operating Cash	<u>\$ 16,094,933</u>			<u>\$ 16,339,248</u>
			Carry-over	<u>(622,000)</u>
			Available Operating Cash	<u>\$ 15,717,248</u>

Fund Analysis – 2024 Budget

Sources of Cash	Projected Balance 12/31/2023	2024 Budget		Projected Balance 12/31/2024
		Sources	Uses	
Net Operating Income		\$ (5,720,994)		
Adjustment - Water Quality (GAC Media)		750,000		
Adjustment - Depreciation/Amortization Add Back		5,600,000		
Adjustment - Post-Employment Benefits (GASB 45)		1,600,000		
Adjustment - Bad Debt		25,000		
Adjustment - Service Costs Construction		550,000		
Adjustment - Capitalized Construction		(1,200,000)		
Net Non-Operating Income		5,003,549		
Cash from Revenues above Expenses to place into funds		\$ 6,607,555		
Reserve Funds (Based on Resolution No. 13-13)				
1 Capital Improvement Fund (CIF)	\$ -	\$ 550,000	\$ 550,000	\$ -
2 Bond Proceeds Fund	14,750,324	17,600,000	21,580,346	10,769,978
3 Debt Service Reserve Fund	-	-	-	-
4 Rate Stabilization Fund (Operating Cash)	940,763	100,000	-	1,040,763
Total Legally Restricted	\$ 15,691,087	\$ 18,250,000	\$ 22,130,346	\$ 11,810,741
5 Dam Self-Insurance	\$ 5,000,000	\$ -	\$ -	\$ 5,000,000
6 O&M Operating Reserve (3-Month operating exp.)	5,600,000	-	-	5,600,000
7 O&M Emergency Reserve	-	-	-	-
8 Unrestricted Reserves	4,798,485	7,789,155	8,327,335	4,260,305
Total Board Restricted (Operating Cash)	\$ 15,398,485	\$ 7,789,155	\$ 8,327,335	\$ 14,860,305
Total Operating Cash	\$ 16,339,248			\$ 15,901,068
Carry-over	(622,000)			
Available Operating Cash	\$ 15,717,248			

Income Statement

	BUDGET 2024	PROJECTED 2023	BUDGET ¹ 2023	ACTUAL 2022	ACTUAL 2021	ACTUAL 2020
Operating Revenue						
Wholesale Water (AVEK & LCID)	400,000	380,000	425,000	500,102	561,298	467,776
Water Sales	11,600,000	10,650,000	11,884,000	11,701,601	12,501,007	11,138,571
Meter Fees	19,850,000	18,395,000	18,140,000	16,801,752	15,218,790	13,832,147
Water Quality Fees	600,000	548,500	600,000	623,061	704,782	824,429
Elevation Fees	350,000	343,000	350,000	357,741	379,529	363,869
Other	1,200,000	1,276,000	1,200,000	1,336,182	995,791	926,428
	<u>34,000,000</u>	<u>31,592,500</u>	<u>32,599,000</u>	<u>31,320,439</u>	<u>30,361,197</u>	<u>27,553,220</u>
Operating Expenses						
Directors	194,500	156,889	194,500	155,196	139,057	90,695
Administration	5,840,491	5,015,995	5,028,764	5,029,313	4,420,240	4,309,624
Engineering	2,134,750	1,770,358	1,964,775	1,683,721	1,552,263	1,596,160
Facilities	8,154,071	7,084,849	8,461,136	7,594,506	7,158,094	6,560,658
Operations	4,341,785	4,136,717	3,787,623	3,634,901	3,426,679	3,308,087
Finance	1,987,750	1,732,317	1,966,077	1,845,937	1,799,510	1,365,372
Water-Use Efficiency	326,800	280,747	354,172	286,562	252,480	253,009
Human Resources	727,750	598,869	734,412	482,531	499,511	446,718
Information Technology	2,056,747	1,852,477	1,981,477	1,683,983	1,546,425	1,383,052
Customer Care	1,651,350	1,567,022	1,615,876	1,513,596	1,363,337	1,383,851
Water Purchases	2,600,000	3,907,500	2,400,000	\$2,058,382	\$4,719,411	2,086,760
OAP Chrg (Prior Year)	25,000	(24,609)	25,000	(\$645)	(\$23,103)	(8,399)
Water Recovery	155,000	125,688	30,000	(\$25,594)	(\$705)	(3,418)
Water Quality (GAC Media)	750,000	620,000	750,000	\$304,920	\$589,415	220,572
Littlerock Dam Sediment Removal Project	1,800,000	238,000	200,000	\$2,692,727	\$626,846	-
Plant Expenditures	400,000	354,000	400,000	\$140,453	\$270,233	196,783
Cash Expenses	<u>33,145,994</u>	<u>29,416,818</u>	<u>29,893,812</u>	<u>29,080,490</u>	<u>28,339,693</u>	<u>23,189,522</u>
Depreciation	5,600,000	5,600,000	5,250,000	5,223,047	5,270,174	5,144,969
Right to Use Asset Amortization (GASB 87)	-	-	-	136,845	-	-
Post-Employment Benefit (GASB 75)	1,600,000	1,530,000	1,600,000	17,354	920,142	1,880,773
Bad Debts	25,000	38,000	25,000	16,690	6,477	19,520
Service Costs Construction	550,000	650,000	450,000	480,546	294,667	269,575
Capitalized Construction	(1,200,000)	(1,220,000)	(1,100,000)	(1,256,442)	(910,555)	(1,023,978)
Non-Cash Expenses	<u>6,575,000</u>	<u>6,598,000</u>	<u>6,225,000</u>	<u>4,618,040</u>	<u>5,580,905</u>	<u>6,290,860</u>
Net Operating Income/(Loss)	<u>(5,720,994)</u>	<u>(4,422,318)</u>	<u>(3,519,812)</u>	<u>(2,378,091)</u>	<u>(3,559,401)</u>	<u>(1,927,162)</u>
Non-operating Revenues						
Assessments (Debt Service)	7,000,000	7,000,000	7,000,000	7,169,879	5,179,076	5,194,911
Assessments (1%)	2,700,000	2,680,000	2,500,000	2,640,066	1,660,944	1,678,388
Successor Agency Component (Prop Tax)	750,000	998,755	500,000	836,598	840,880	731,045
DWR Fixed Charge Recovery	300,000	275,075	175,000	349,339	368,950	299,879
Interest	285,000	322,000	130,000	137,917	121,220	154,869
Market Adj. on Investments	-	203,000	-	(40,683)	(122,287)	15,891
Capital Improvement Fees	550,000	802,116	550,000	2,318,354	3,369,397	1,235,438
Grants - State & Federal	1,100,000	1,084,789	1,100,000	154,081	468,798	-
State Water Project - Table A Water Exchange	-	2,901,699	-	-	-	-
Rental Revenue - Cellular Towers (GASB 87)	-	-	-	193,519	-	-
Other	25,000	138,586	25,000	236,573	167,597	60,857
	<u>12,710,000</u>	<u>16,406,019</u>	<u>11,980,000</u>	<u>13,995,642</u>	<u>12,054,575</u>	<u>9,371,277</u>
Non-operating Expenses						
Interest Paid & Amortization on long-term debt	2,743,231	2,206,579	2,046,000	2,444,692	2,858,856	2,877,180
Amortization of SWP	4,838,220	4,464,351	4,464,351	4,008,232	4,222,272	2,854,227
Capital Contributions	-	-	-	(3,089,833)	(1,878,141)	-
Change in Investments in PRWA	25,000	12,000	25,000	5,370	14,457	68,277
Water-Use Efficiency	100,000	115,000	100,000	210,915	107,181	77,750
Rate Assistance Program (GASB 87)	-	-	-	304,008	-	-
	<u>7,706,451</u>	<u>6,797,930</u>	<u>6,635,351</u>	<u>3,883,385</u>	<u>5,324,625</u>	<u>5,877,434</u>
Net Non-operating Income/(Loss)	<u>5,003,549</u>	<u>9,608,089</u>	<u>5,344,649</u>	<u>10,112,257</u>	<u>6,729,950</u>	<u>3,493,843</u>
Net Earnings(Loss)	<u>(717,445)</u>	<u>5,185,771</u>	<u>1,824,837</u>	<u>7,734,166</u>	<u>3,170,549</u>	<u>1,566,681</u>

Income Statement – General Information

	BUDGET 2024	PROJECTED 2023	BUDGET ¹ 2023	ACTUAL 2022	ACTUAL 2021	ACTUAL 2020
Operating Revenue	7.62%	-3.09%	29.54%	24.46%	22.01%	16.43%
Operating Expenses	-0.35%	5.99%	2.28%	-24.12%	-14.28%	-21.90%
Non-operating Revenues	-22.53%	36.95%	31.06%	53.11%	50.06%	4.68%
Non-operating Expenses	13.36%	2.45%	19.95%	-29.80%	9.76%	50.72%

Footnotes:

- ¹ 2024 Budget contains all amendments made during the current fiscal year. All amendments were done as transfers between GL accounts with no change to overall budgeted amounts.
- ² 2024 Budget for water sales is based on 14,500 ac. ft. This amount is the same that was used for the 2023 budget and 1,403 ac. ft. less than 2022 actual totals.
- ³ 2024 water purchases are based on purchasing 8,465 ac. ft. of water from the Department of Water Resources.
- ⁴ GAC filter media purchases are directly offset by the revenues from the water quality fee for the prior year. The 2024 Budget includes the possible replacement of up to four contactors and the localized contactor at the El Camino Underground site.
- ⁵ Post-employment accrual expense (OPEB) was added as a compliance requirement for GASB 75 (2015).
- ⁶ Capital improvement fees for new development are made up of two components: infrastructure and water supply. The water supply fee portion will be used to secure new source supply and will not impact current customers.
- ⁷ The approved operational expense of \$31,920,394 has been revised with a potential plant expenditure amount being set at \$400,000 not to exceed.

General Information:

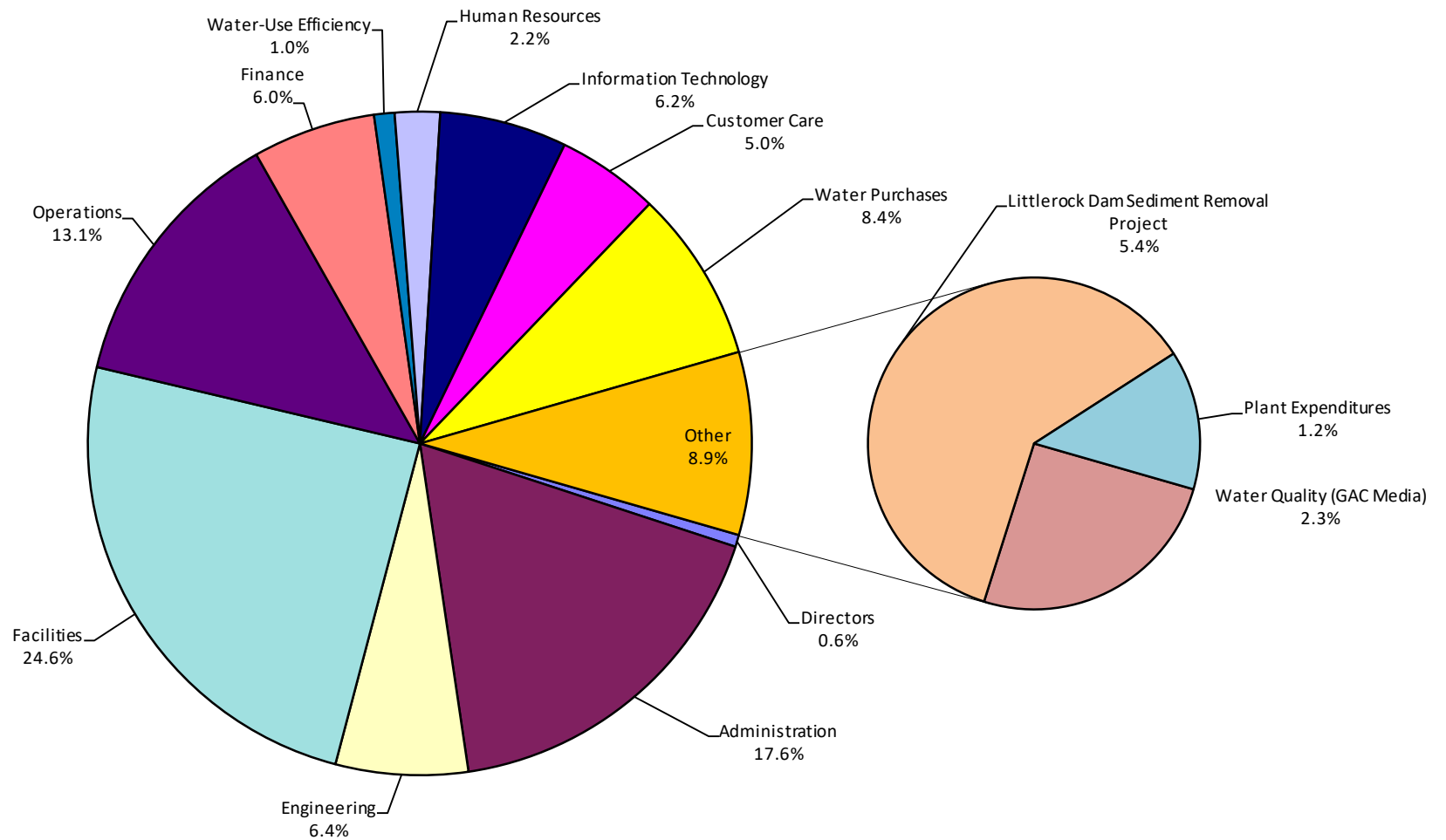
The District entered into a Capital Leasing agreement in 2022 for addressing heavy equipment (vehicles), small capital equipment, meter reading equipment, meter register retrofit and endpoint radios, and various information technology equipment. The agreement is a 5-year term ending October 2027. The agreement also contains an early payoff provision starting in year 3 that could save on interest expense.

Projected federal grant funds were adjusted to coincide with the potential revenue receipt. The receipt of these funds have been removed until confirmation has been received by the District from the administrative agency overseeing these funds.

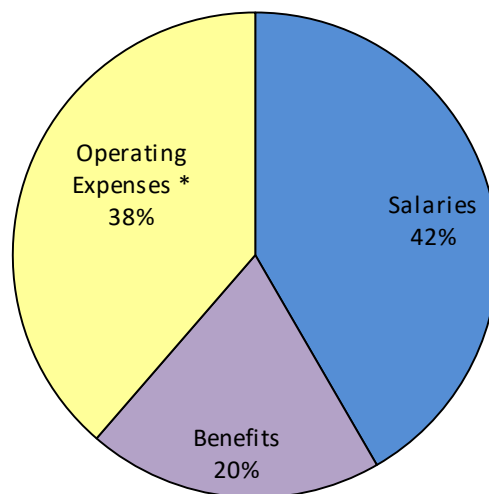
Cost Factors and Assumptions:

- Water quality fee is \$0.06 per unit for 2024.
- Cost-of-Living increase of 3.0% effective January 1, 2024.
- Worker's comp rates are calculated at 0.00770 for office personnel and 0.04060 for field personnel.
- PERS is calculated at 10.87% for 6 months (Jan. thru Jun.) and 12.47% for 6 months (Jul. thru Dec.) for all employees except for those who fall under Public Employee Pension Reform Act (PEPRA). Classic PERS employees will pay 7% of the employee portion for 2023. [For employees who meet the PEPRA requirement, the employer contribution for 2023 is 7.470% for 6 months (Jan. thru Jun.) and 7.68% for 6 months (Jul. thru Dec.) for the District.]
- Employee benefits include the cost of medical, dental & vision plans as well as the Employee Assistance Program and on the job life insurance death benefit. Healthcare is capped per employee at \$2,172.24 effective January 1, 2024.
- The District's medical insurance rates have increased 10.07% on the blended average for the six medical plans. The dental insurance saw the first increase in eleven years of 13.86% and vision insurance offered to employees will remain the same as the 2023 cost. All health insurance plans are managed and administered through ACWA/JPIA.
- Health insurance includes benefits to Directors who qualify for benefits and opt to participate in the plans.
- Operating Revenue estimates were based on the potential sales of 14,500 ac. ft. of water for the 2024 Budget.

2024 Operating Expenses (excluding non-cash expenses) – Graph



2024 Departmental Expenses – Graph



2024 Departmental Expenses	
Salaries	\$ 11,421,500
Benefits	5,398,541
Operating Expenses *	10,595,953
Total	\$ 27,415,994

* Excludes the expenses related to water purchases, water quality (GAC media), sediment removal and plant expenditures.

Statement of Cash Flows

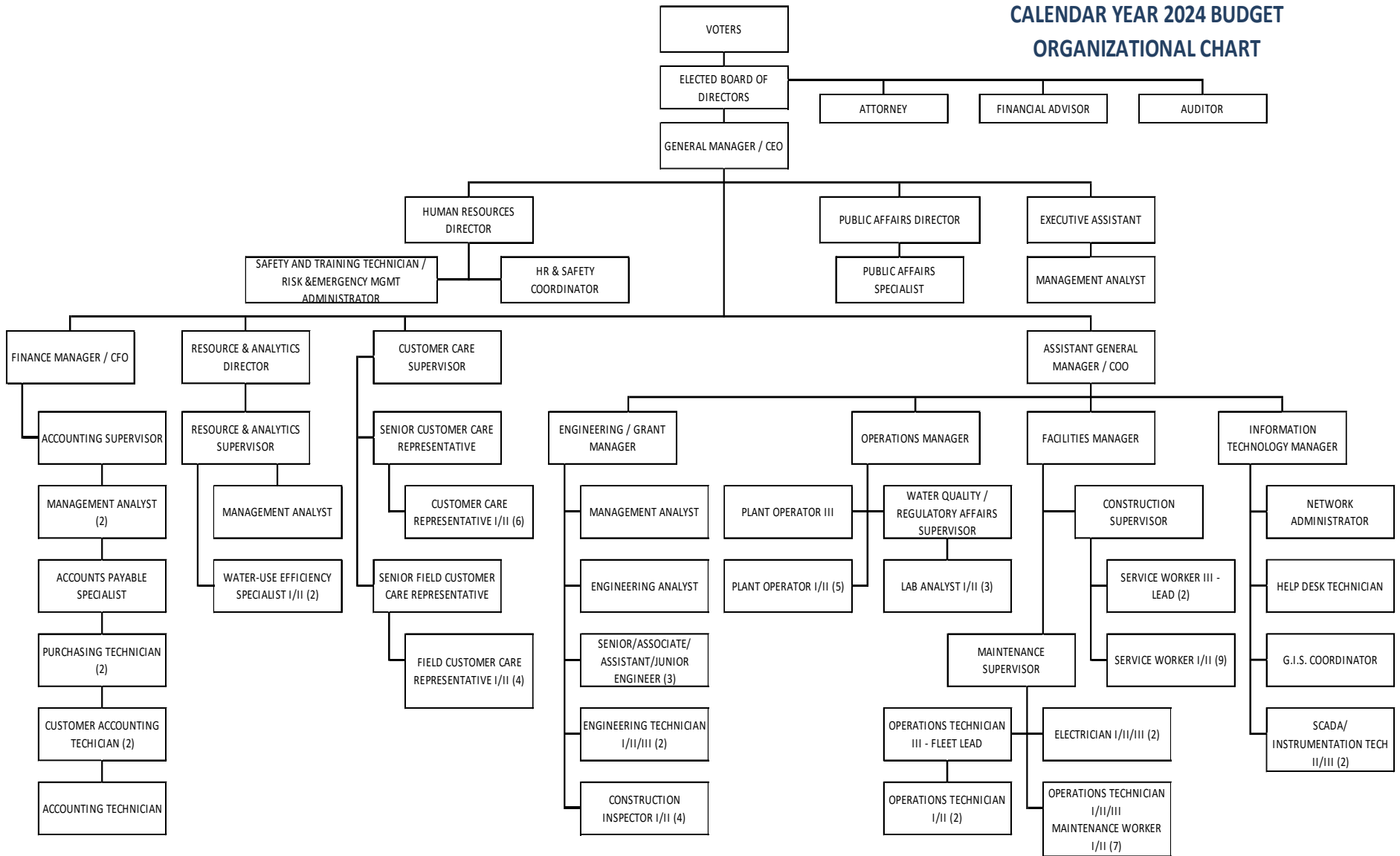
	Audited Numbers				
	Budget 2024	Projected 2023	2022	2021	2020
Beginning Cash	14,760,589	16,094,933	14,583,451	11,736,595	12,518,408
Operating Activities					
Net Operating Revenues	34,000,000	31,592,500	31,320,439	30,361,197	27,553,220
Net Operating Expenses	(33,145,994)	(29,416,818)	(29,080,490)	(28,339,693)	(23,189,522)
Carry-over Expense	(560,000)	-	-	-	-
Net cash provided by operating activities	294,006	2,175,682	2,239,949	2,021,505	4,363,698
Other Sources and Uses of Cash					
Assessments received	10,450,000	10,678,755	10,646,542	7,680,900	7,604,344
Payments for State Water Project	(7,698,816)	(7,176,456)	(6,357,278)	(4,804,822)	(5,238,207)
Capital Improvement Fees Received	550,000	802,116	2,318,354	3,369,397	1,235,438
State Water Project - Table A Water Exchange	1,578,659	1,323,040	-	-	-
Water-Use Efficiency	-	-	(304,008)	(107,181)	(77,750)
Acquisition of Property, Plant & Equip. - Current Yr	(2,400,000)	(3,582,731)	(2,987,477)	(1,501,344)	(3,685,474)
Acquisition of Property, Plant & Equip. - Carry-over	(622,000)	(2,028,524)	(795,615)	-	-
Committed Contract - Upper Amargosa Creek Project	-	-	-	(720,579)	(1,024,374)
Investments in PRWA	(25,000)	(12,000)	(5,370)	(14,457)	(68,277)
Capital Leasing - Principal & Interest	(527,401)	(527,401)	(178,953)	(178,953)	(178,953)
Principal Paid on Long-Term Debt	(671,666)	(2,615,645)	(1,838,503)	(1,838,503)	(1,790,001)
Interest Paid on Long-Term Debt	(2,678,903)	(2,206,579)	(2,063,385)	(2,063,385)	(2,453,751)
DWR Refund (Capital Related)	300,000	275,075	349,339	368,950	299,879
State Grants and Other Income	1,125,000	1,223,375	390,654	636,394	60,857
Interest on Investments	285,000	525,000	97,234	(1,067)	170,759
Net Cash Provided by Other Sources and Uses	(335,128)	(3,321,976)	(728,467)	825,351	(5,145,511)
Net Increase (Decrease) in Cash	(41,121)	(1,146,294)	1,511,483	2,846,856	(781,813)
Rate Stabilization Fund	(100,000)	(188,050)	-	-	-
Cash End of Year	14,619,468	14,760,589	16,094,933	14,583,451	11,736,595
Less Restricted Cash	-	-	-	-	-
Acquisition of Property, Plant & Equip. - Carry-over	-	(622,000)	(2,028,524)	(795,615)	(2,388,533)
Committed Contract - Upper Amargosa Creek Project	-	-	-	-	(720,579)
Available Operating Cash	14,619,468	14,138,589	14,066,409	13,787,836	8,627,483
Capital Funding					
Beginning Cash (Restricted)	14,750,324	7,723,940	11,012,597	2,254,741	4,366,086
Proceeds on Issuance of Long-Term Debt	17,600,000	13,520,000	2,400,000	10,000,000	-
Committed Contracts on 2018 WRB Projects	-	-	(2,130,551)	(124,212)	(2,111,345)
Committed Contracts on 2021 WRB Projects	(1,127,701)	(4,523,441)	(3,230,925)	(1,117,932)	-
Committed Contracts on 2022 Capital Lease	(452,645)	(1,620,175)	(327,181)	-	-
Committed Contracts on 2023 WRB Projects	(6,000,000)	(350,000)	-	-	-
Committed Contracts on 2024 WRB Projects	(14,000,000)	-	-	-	-
Restricted Cash	10,769,978	14,750,324	7,723,940	11,012,597	2,254,741

THIS PAGE INTENTIONALLY LEFT BLANK

BASIS OF THE BUDGET

THIS PAGE INTENTIONALLY LEFT BLANK

**CALENDAR YEAR 2024 BUDGET
ORGANIZATIONAL CHART**



THIS PAGE INTENTIONALLY LEFT BLANK

Personnel Summary

	CY 2024 BUDGET	CY 2023 BUDGET	CY 2022 BUDGET	CY 2021 BUDGET
ADMINISTRATION				
Managers/Supervisors	8	8	8	8
Staff	9	9	9	8
Staff - Part-time	1	1	-	-
TOTAL ADMINISTRATION	18	18	17	16
FINANCE				
Managers/Supervisors	2	2	3	3
Staff	8	8	6	6
TOTAL FINANCE	10	10	9	9
CUSTOMER CARE				
Managers/Supervisors	1	1	1	1
Clerical	7	7	7	7
Field	5	5	5	5
TOTAL CUSTOMER CARE	13	13	13	13
ENGINEERING				
Managers/Supervisors	3	3	2	2
Staff	9	9	9	9
TOTAL ENGINEERING	12	12	11	11
FACILITIES				
Managers/Supervisors	3	3	3	3
Staff	23	23	22	22
TOTAL FACILITIES	26	26	25	25
OPERATIONS				
Managers/Supervisors	2	2	2	2
Staff	9	9	9	9
TOTAL OPERATION AND PRODUCTION	11	11	11	11
WATER-USE EFFICIENCY				
Managers/Supervisors	-	-	-	-
Staff	2	2	2	2
TOTAL WATER-USE EFFICIENCY	2	2	2	2
TOTAL PERSONNEL	92	92	88	87

The following represent the part-time interns (not included in above figures):

- - - -

Notes:

- Five elected officials serve on Palmdale Water District's Board of Directors.

Labor and Benefits Cost Summary

Accounting Category	CY 2024 BUDGET	CY 2023 PROJECTED	CY 2023 BUDGET	CY 2022 ACTUAL	CY 2021 ACTUAL	CY 2020 ACTUAL
Salaries (Includes On-Call and Overtime)	11,511,500	9,962,735	10,806,750	9,914,999	9,388,064	9,160,665
FICA / Medicare (Employer Portion)	885,750	765,052	849,250	707,315	665,732	693,100
Healthcare Benefits	1,882,250	1,587,468	1,676,070	1,586,444	1,610,037	1,563,101
Retirement (CalPERS)	2,169,041	1,797,808	2,022,882	1,790,422	1,655,630	1,560,246
Workers Comp	230,000	197,605	230,000	210,121	300,337	206,831
Life Insurance/EAP Program	7,000	6,400	7,000	6,424	6,087	6,825
TOTAL	16,685,541	14,317,068	15,591,952	14,215,725	13,625,888	13,190,768

Approved Capital Expenditures Carry-over/Plant Expenditure Summary

LISTING WILL BE PROVIDED AFTER CORRECTIONS ARE MADE

New Capital Expenditures Project Request Summary

LISTING WILL BE PROVIDED AFTER CORRECTIONS ARE MADE

Deferred Capital Expenditures Project Summary

LISTING WILL BE PROVIDED AFTER CORRECTIONS ARE MADE

Deferred Capital Expenditures Project Summary (continued)

LISTING WILL BE PROVIDED AFTER CORRECTIONS ARE MADE

DEPARTMENTS

THIS PAGE INTENTIONALLY LEFT BLANK

Administration Department

DESCRIPTION:

The Administration Department manages the District through the Board of Directors, which sets policy, and the General Manager, who reports to the Board and manages the daily operation of the District. The attorneys and financial advisor positions, which answer to the Board and interact with the staff through the General Manager, are also an integral part of the Administration Department. The positions of Assistant General Manager, Executive Assistant, Management Analyst, Resource and Analytics Director, Resource and Analytics Supervisor, Public Affairs Director, and Public Affairs Specialist also operate out of the Administration Department.

2023 ACCOMPLISHMENTS:

- 1) Staff publicized Pure Water A.V. and the partnership with Capture6.
- 2) Staff publicized the \$17.5 million in grants for converting the Palmdale Ditch to a covered pipeline.
- 3) Staff publicized the end of drought restrictions.
- 4) Hosted Let's Talk H2O! events on essential topics such as water supply, water quality, and Pure Water A.V. throughout the year.
- 5) Hosted 5th annual Water Ambassadors Academy that graduated 16 and held 3rd annual Jr. WAA for 14 Palmdale High School students. The Jr. WAA was held on Imagine a Day Without Water.
- 6) Staff gave Assemblymember Juan Carrillo and his staff a tour of the Littlerock Dam and Water Treatment Plant (WTP).
- 7) Held successful Customer Appreciation Day/Open House.
- 8) Public Affairs assisted with the debut of the Pure Water A.V. website and with a grant.
- 9) Coordinated and hosted Special Districts Association of North Los Angeles County monthly executive board meetings and three membership luncheons.
- 10) Public Affairs highlighted employees in the ACWA newsletter during the 7th annual Water Professionals Appreciation Week.
- 11) Received top PRSA-LA PRISM Award for our Save our Water lawn sign in the Creative Tactic, Graphic Design category.
- 12) Public Affairs wrote/distributed 25 press releases and 214 social media posts.
- 13) We held four Coffee with a Director events at Starbucks.
- 14) Staff hosted four Water-Wise Workshops, including one with L.A. County and the city of Palmdale. New this year was a workshop for children.
- 15) Assisted WTP lab staff with the 2023 Consumer Confidence Report.
- 16) Participated in community events, including Districts Make a Difference Week, National Night Out, Read Across America, A.V. College's Palmdale Center Summer Block Party, and A.V. Fair.
- 17) Conducted bi-monthly appearances with staff on the Spanish radio show Café con Leche to bring PWD news to the Latino community.
- 18) The District donated school supplies to Palmdale School District's Backpack Giveaway and water bottles to nonprofits, including Sole of the Community Back to School and A.V. Mental Health Awareness Walk.
- 19) Served on ACWA's Communications Committee for the second year.
- 20) Completed ACWA JPIA Leadership Essentials for the Water Industry class.
- 21) Published monthly "Employee Buzz" and quarterly "The Pipeline."
- 22) Staff continued utilizing LinkedIn to publicize new job openings and bid requests and highlight PWD and staff.
- 23) Informed customers through social media, Nextdoor, Constant Contact, and messages in monthly bills to publicize PWD and inform ratepayers.

2023 ACCOMPLISHMENTS (cont):

- 24) Continued to grow social media platforms. Total platform engagements have increased by more than 50%.
- 25) Continued to submit important stories to ACWA News and CSDA magazine. PWD was featured several times.
- 26) Continued collaborating with the City of Palmdale on ways to promote one another in “The Pipeline” and Palmdale Magazine.
- 27) Staff participated in Demand Response events through Enersponse – and received \$20K compensation.
- 28) Reviewed and responded to SCE rate changes, programs, and anomalies.
- 29) Promptly responded to requests for ad hoc analysis and data reports.
- 30) Staff completed rate analysis with SCE, EPIC, and CPA to ensure all accounts were on the best rates based on historical usage to reduce future costs.
- 31) Maintained daily and monthly weather-related reporting systems.
- 32) Staff participated in the data warehouse project focusing on replacing the functionality of INFO 360.
- 33) 2022 Water Loss Audit
- 34) Staff was able to bank over 1,450 acre-feet of Article-21 water and 3,500 acre-feet of Butte Lease water through the Littlerock Creek Recharge Project.
- 35) Staff completed the first water transfers with the Westside Districts (8,000 acre-feet) and the United Water Conservation District (2,000 acre-feet) by 12/31/2023.
- 36) Completing new transfer and banking project with Homer, LLC: 8,000 acre-feet transfer/banking.
- 37) Staff utilized the Upper Amargosa Creek project to bank about 400 acre-feet.

2024 GOALS:

- 1) Plan Littlerock Dam’s 100th anniversary celebration.
- 2) Coordinate publicity/community outreach for the 2024 rate study for compliance with Prop 218.
- 3) Hold groundbreaking for Pure Water A.V. Demonstration Facility and continue to publicize the project in the community with special presentations.
- 4) Host Let’s Talk H2O! events throughout the year on important topics for the community, including water quality, emergency preparedness, recycled water, etc.
- 5) Hold 6th annual Water Ambassadors Academy and 4th annual Jr. Water Ambassadors Academy.
- 6) Host Coffee with a Director, Customer Appreciation Day/Open House, Imagine a Day Without Water, and Earth Day events.
- 7) Assist WTP lab staff with the 2024 Consumer Confidence Report.
- 8) Highlight employees during the 8th annual Water Professionals Appreciation Week.
- 9) Participate in community events, including Districts Make a Difference Week, National Night Out, Read Across America, A.V. Fair, and A.V. College’s Palmdale Center Summer Block Party.
- 10) Hold press events and send press releases announcing PWD’s important events.
- 11) Continue to serve as administrator for Special Districts Association of North Los Angeles County with monthly board meetings and thrice yearly membership luncheons.
- 12) Collaborate with the WUE team on Water-Wise Workshops and promote programs and events for the community and schools.
- 13) Make quarterly appearances on the Spanish radio show Café con Leche to bring PWD news to the Latino community.

2024 GOALS (cont):

- 14) Continue growing social media platforms.
- 15) Continue to network with the AV EDGE, local chambers, San Gabriel Mountains Community Collaborative, AV CERT, and other community groups.
- 16) Continue to publish “The Pipeline” quarterly and the “Employee Buzz” monthly.
- 17) Continue to collaborate with the City of Palmdale on ways to promote one another in “The Pipeline” and Palmdale Magazine. Write articles for the city magazine.
- 18) Continue to submit important stories to ACWA News and CSDA magazine.
- 19) Continue to use social media, Nextdoor, Constant Contact, and messages in monthly bills to publicize PWD and inform ratepayers.
- 20) Work with the IS department on completing the Data Warehouse Project.
- 21) Graphically represent water supply and demand data on Intranet.
- 22) Yearly review and reporting on natural gas options for production.
- 23) Review and report on changes and opportunities for new energy projects.
- 24) Continue to review and make recommendations on energy-related rates, rebates, and programs.
- 25) Pursue advanced database and analytics training.
- 26) Review and organize water resource documentation.
- 27) Continue research on fleet electrification.
- 28) Complete and use the Annual Demand and Supply Assessment Report.
- 29) Develop opportunities for continued water banking.
- 30) Develop opportunities for additional transfer agreements.
- 31) Continue to represent PWD to outside agencies.
- 32) Continue to advocate for projects and legislation that improve State and local water resiliency.
- 33) Complete the Big Rock Creek Joint Groundwater Recharge Project Feasibility Study.
- 34) Pursue leadership and management training.
- 35) Create a departmental strategic plan.

Board of Directors

<u>Directors</u>		BUDGET	PROJECTED	BUDGET	ACTUAL	ACTUAL	ACTUAL
PERSONNEL BUDGET:		2024	2023	2023	2022	2021	2020
1-01-4000-000	Directors Fees		-		-	-	-
Benefits							
1-01-4005-000	Payroll Taxes	9,500	8,520	9,500	7,961	5,761	5,711
1-01-4010-000	Health Insurance	30,000	25,641	30,000	27,416	-	-
	Subtotal (Benefits)	39,500	34,161	39,500	35,377	5,761	5,711
	Personnel Expenses	39,500	34,161	39,500	35,377	5,761	5,711
OPERATING EXPENSES:							
1-01-4050-000	Director's Travel, Seminars & Meetings	-	-	-	-	-	-
1-01-xxxx-006	Director's Expense Share - Dizmang, Gloria	-	21,974	-	30,297	21,478	11,754
1-01-xxxx-007	Director's Expense Share - Alverado, Robert	-	-	-	-	-	16,335
1-01-xxxx-008	Director's Expense Share - Mac Laren, Kathy	-	22,116	-	20,914	28,116	22,215
1-01-xxxx-009	Director's Expense Share - Estes, Joe	-	-	-	-	-	-
1-01-xxxx-010	Director's Expense Share - Dino, Vincent	-	30,751	-	25,697	23,392	18,355
1-01-xxxx-011	Director's Expense Share - Henriquez, Marco	-	-	-	-	-	-
1-01-xxxx-012	Director's Expense Share - Wilson, Don	-	26,151	-	22,695	17,751	16,026
1-01-xxxx-013	Director's Expense Share - Merino, Amberrose	-	-	-	4,190	42,559	300
1-01-xxxx-014	Director's Expense Share - Kellerman, Scott	-	21,737	-	16,026	-	-
	Total Operating Expense	155,000	122,728	155,000	119,820	133,296	84,984
	Total Departmental Expenses	194,500	156,889	194,500	155,196	139,057	90,695

Administration

Administration		BUDGET	PROJECTED	BUDGET	ACTUAL	ACTUAL	ACTUAL
PERSONNEL BUDGET:		2024	2023	2023	2022	2021	2020
1-02-4000-000	Salaries	1,859,500	1,413,062	1,597,250	1,492,579	1,391,783	1,344,451
1-02-4000-100	Salaries - Departmental Overtime	5,000	2,215	5,000	4,013	3,079	2,469
	Subtotal (Salaries)	1,864,500	1,415,277	1,602,250	1,496,592	1,394,862	1,346,920
Employee Benefits							
1-02-4005-000	Payroll Taxes	144,750	95,853	126,250	92,318	84,984	88,304
1-02-4010-000	Health Insurance	202,250	157,110	180,000	176,226	186,329	175,727
1-02-4015-000	Pers	193,000	108,060	165,250	125,837	115,250	106,200
	Subtotal (Benefits)	540,000	361,022	471,500	394,381	386,563	370,232
District-wide Salaries & Benefits							
1-02-5070-001	Salaries-On-Call/Stand By Time	90,000	87,500	90,000	87,402	85,361	73,814
1-02-5070-002	PERS-Unfunded Liability	1,039,041	955,882	955,882	938,763	851,851	790,669
1-02-5070-003	Worker's Compensation	230,000	197,605	230,000	210,121	300,337	206,831
1-02-5070-004	Vacation Benefit Expense	95,000	105,000	85,000	35,717	(20,507)	154,870
1-02-5070-005	Life Insurance/EAP	7,000	6,400	7,000	6,424	6,087	6,825
	Subtotal (District-wide)	1,461,041	1,352,387	1,367,882	1,278,427	1,223,129	1,233,010
	Personnel Expenses	3,865,541	3,128,686	3,441,632	3,169,400	3,004,554	2,950,162
OPERATING EXPENSES:							
1-02-4050-000	Staff Travel	18,500	20,552	16,285	12,421	4,686	3,355
1-02-4050-100	General Manager Travel	5,500	3,773	5,463	5,119	4,478	-
1-02-4060-000	Staff Conferences & Seminars	7,500	6,330	6,514	9,231	3,684	774
1-02-4060-100	General Manager Conferences & Seminars	4,000	1,275	4,308	1,735	1,754	1,319
1-02-4130-000	Bank Charges	204,875	198,090	210,125	195,249	193,978	197,407
1-02-4150-000	Accounting Services	35,000	33,883	27,316	25,251	26,545	26,339
1-02-4175-000	Permits (Construction)	10,000	-	19,016	3,931	14,652	15,281
1-02-4180-000	Postage	15,500	14,851	17,861	9,871	12,134	13,627
1-02-4190-100	Public Relations - Publications	32,500	26,411	36,000	32,037	12,748	20,303
1-02-4190-700	Public Affairs - Marketing/Outreach	40,000	26,311	42,000	27,543	27,094	29,636
1-02-4190-705	Public Affairs - Drought Outreach	-	-	30,000	12,131	-	-
1-02-4190-710	Public Affairs - Advertising	4,000	825	5,253	250	895	450
1-02-4190-720	Public Affairs - Equipment	1,000	-	2,539	-	-	60
1-02-4190-730	Public Affairs - Conference/Seminar/Travel	4,000	900	4,000	3,086	435	405
1-02-4190-740	Public Affairs - Consultants	2,000	-	2,101	1,200	1,179	450
1-02-4190-750	Public Affairs - Memberships	1,500	956	1,500	885	1,325	1,360
1-02-4190-900	Public Relations - Other	-	-	-	-	-	-
1-02-4200-000	Advertising	1,000	-	4,308	945	716	85
1-02-4205-000	Office Supplies	27,500	27,764	26,791	18,094	19,103	23,035
	Total Operating Expense	414,375	361,921	461,380	358,978	325,404	333,885
District-wide Operating Expense							
1-02-5070-006	Other Operating	55,000	36,037	63,038	99,845	52,317	68,376
1-02-5070-007	Consultants	500,000	625,000	288,922	692,184	329,015	280,748
1-02-5070-008	Insurance	500,000	453,493	273,163	385,236	304,396	268,764
1-02-5070-009	Groundwater Adjudication - Legal	25,000	18,105	43,076	17,872	40,674	28,996
1-02-5070-010	Legal Services	175,000	160,000	137,632	188,085	143,886	153,792
1-02-5070-011	Memberships	158,000	140,000	173,353	76,354	178,078	168,273
1-02-5070-012	Elections	-	41,084	50,000	-	-	202
1-02-5070-013	Succession Planning	-	-	26,266	-	-	-
1-02-5070-014	Groundwater Adjudication - Pumping Assessment	47,575	51,669	70,304	41,360	41,916	41,286
1-02-5070-015	Computer Software - Info 360	-	-	-	-	-	15,140
1-02-5070-099	100th Anniversary - Littlerock Dam	100,000	-	-	-	-	-
	Total District-wide Operating Expense	1,560,575	1,525,388	1,125,753	1,500,935	1,090,282	1,025,577
	Total Departmental Expenses	5,840,491	5,015,995	5,028,764	5,029,313	4,420,240	4,309,624

THIS PAGE INTENTIONALLY LEFT BLANK

Engineering Department

DESCRIPTION:

The Engineering Department's primary responsibilities are planning, project development and management, and quality control. Associated duties include CEQA compliance, permit maintenance, plan checking, construction inspection, updating facility maps, maintaining standard construction specifications, and reporting water production to maintain water rights.

2023 ACCOMPLISHMENTS:

- 1) Submitted planning and funding application for Pure Water Antelope Valley Demonstration Facility
- 2) Completed design, bid, and construction on the following projects:
 - Well 15 Basin (completed).
 - 40th Street East and Avenue R12, 2800 Zone Velocity Deficiency.
 - Avenue Q6 from 12th Street East to 15th Street East (completed).
 - Well 36 located on the west side of 15th Street East north of Avenue P (Drilling completed).
 - Well 36 Pipeline Design (completed).
 - Water main replacements at Avenue R and 12th Street East, and Avenues Q1, Q2, Q4 and Q5 (completed).
 - District Main Office Building Stucco repairs.
 - 3M Booster Station upgrades (RFI being reviewed).
 - WTP Chemical Building redesign and replacement of hypochlorite generator (completed).
- 3) Completed design work on the following projects:
 - Pipeline with velocity deficiency, 2950 Zone located at the intersection of Avenue S and Sierra Highway.
 - Alpine Springs water main improvements – 2950 Zone.
 - Pearblossom Highway from 53rd Street East to Fort Tejon Road.
 - 10th Street East from Avenue R4 Pipeline Deficiency.
 - Water Main Replacements: Well 5 to Sierra Highway and Avenue R at 26th Street, Rudall, and 27th Street.
 - Pure Water Antelope Valley – Facility and Pipeline Design (Avenue Q from 30th Street to 20th Street East).
 - Palmdale Ditch Conversion.
 - Avenue Q Recycled Water Plans from 30th Street East to Demonstration Facility.
 - 17th Street East, Avenue P4 to P8, and P8 to Well 14.
 - 20th Street East from Avenue P8 to Avenue Q.
 - Fort Tejon from 50th Street East to Pearblossom Highway.
 - Camares Drive from Barrell Springs Road to Hacienda Drive.
 - 6M Clearwell Rehabilitation.
- 4) Inspection, construction, and completion on the following water system improvement developer projects:
 - Multi-family development consisting of 101 units located at the southeast corner of Avenue R and Division Street (near completion).
 - Tract 61611 & 61981 - 60 lots located at the northeast corner of Avenue S and 65th Street East (completed).
 - Tract 54209 Phases 1 and 2 - 96 lots located at the northeast corner of Avenue R and 35th Street East (completed).
 - Proposed storage located on the east side of Sierra Highway north of Avenue S (under construction).
 - Multi-family development located at southeast corner of 25th Street East and Avenue Q12 (under construction).

2023 ACCOMPLISHMENTS (cont):

- Multi-family development located at southwest corner of 25th Street East and Avenue Q4 (under construction).
 - Inspection of city-wide fiber optics (under construction).
 - Tract 73068 Ravello Homes located south of Palmdale Blvd. between 50th Street East and 55th Street East (under construction).
- 5) Completion of Water System Improvement Plans for District facilities impacted by city of Palmdale Project No. 741, proposed roundabout located at the intersection of Avenue S8 and 40th Street East (completed).
- 6) Software Technology Improvements
- Implementation and roll out of CIPO Project Management Software.
 - Implementation of Nearmap Imagery Software into GIS.
- 7) Grant Awards received: \$23,862,248.
- Bureau of Reclamation WaterSmart Water and Energy Efficiency Grant (\$5M)
 - CA Urban Community Drought Relief Program Grant (\$17.56M)
 - Bureau of Reclamation WaterSmart Desalination and Recycle Water Planning Grant (\$71,000)
 - CA Proposition 1, Integrated Regional Water Management Round 2 Grant Funding (\$588,000)
- 8) Capital Impact Fees collected: \$795,131.68.

2024 GOALS:

- 1) Completion of the equipping of Well 36.
- 2) Completion of the construction of 3M Boosted Station.
- 3) Completion of the construction of Avenue Q Recycled Water Pipeline.
- 4) Bid and award the construction of Pure Water AV Demonstration Facility.
- 5) Start construction of Pure Water AV Demonstration Facility.
- 6) Complete the maintenance items at Littlerock Dam.
- 7) Planning and design of Well 37.
- 8) Update 2016 Water Master Plan.
- 9) Completion of design of various pipeline replacement projects.

Engineering

Engineering		BUDGET	PROJECTED	BUDGET	ACTUAL	ACTUAL	ACTUAL
		2024	2023	2023	2022	2021	2020
PERSONNEL BUDGET:							
1-03-4000-000	Salaries	1,561,000	1,318,398	1,450,500	1,214,879	1,136,360	1,146,396
1-03-4000-100	Salaries - Departmental Overtime	16,000	13,206	16,000	22,736	21,988	22,778
	Subtotal (Salaries)	1,577,000	1,331,605	1,466,500	1,237,615	1,158,347	1,169,174
Employee Benefits							
1-03-4005-000	Payroll Taxes	119,750	100,126	111,500	90,038	82,135	88,467
1-03-4010-000	Health Insurance	249,000	209,182	212,500	196,270	187,708	205,350
1-03-4015-000	PERS	156,500	107,639	136,750	99,572	91,581	98,063
	Subtotal (Benefits)	525,250	416,948	460,750	385,880	361,424	391,881
	Personnel Expenses	2,102,250	1,748,553	1,927,250	1,623,495	1,519,772	1,561,054
OPERATING EXPENSES:							
1-03-4050-000	Staff Travel	4,000	2,909	5,253	3,182	1,595	489
1-03-4060-000	Staff Conferences & Seminars	10,000	8,417	7,880	8,874	5,650	974
1-03-4060-001	Staff Training - Auto CAD Civil 3D	-	-	10,506	-	-	-
1-03-4155-305	Contracted Services - GIS Services	-	-	-	-	-	-
1-03-4155-310	Contracted Services - Reproduction	3,000	-	1,576	3,100	-	-
1-03-4165-000	Memberships/Subscriptions	7,000	6,038	3,677	5,647	4,431	3,715
1-03-4250-000	General Materials & Supplies	7,500	4,441	4,063	7,311	3,592	874
1-03-4250-100	Supplies - Plotter Paper/Toner	1,000	-	4,570	112	226	488
1-03-4250-175	Supplies - GPS Plotting Tool	-	-	-	23,000	-	-
1-03-4250-200	Supplies - Miscellaneous	-	-	-	-	-	-
1-03-8100-100	Computer Software - Maint. & Support	-	-	-	9,000	16,998	28,566
1-03-8100-200	Computer Software - SCADAWatch	-	-	-	-	-	-
	Total Operating Expense	32,500	21,805	37,525	60,226	32,492	35,106
	Total Departmental Expenses	2,134,750	1,770,358	1,964,775	1,683,721	1,552,263	1,596,160

THIS PAGE INTENTIONALLY LEFT BLANK

Facilities Department

DESCRIPTION:

The Facilities Department oversees maintenance and repairs of all pipelines, vehicles and equipment, and related facilities. The staff monitors and maintains operation of the District's 22 active groundwater wells, 17 reservoir sites, 15 booster stations, 20 pressure regulating stations, 9 seismic valves, 9 hydro-pneumatic tanks and hypochlorite disinfection equipment at 32 of the above sites. The department is also accountable for maintaining water quality standards, system chlorine residuals, energy management and pumping efficiencies.

2023 ACCOMPLISHMENTS:

- 1) Continued valve exercising program in which 959 valves were exercised.
- 2) Staff performed weekly, biweekly, and annual flushing of dead-end water mains to improve water quality.
- 3) Staff repaired six mainline and 50 service line leaks throughout the District's water system.
- 4) Staff repaired 120 air vacs and performed maintenance on 280 fire hydrants throughout the District's water system.
- 5) Staff completed the meter exchange project for Route 17, which consisted of 320 meters.
- 6) Staff replaced 600 ft. of 8" waterline with 4" C-900 pipe.
- 7) Staff replaced various items within the water system (i.e., gate valves and service lines).
- 8) Installed multi-pump assembly and auto flusher on Vista View to improve water quality.
- 9) Staff rebuilt the access road leading to the Littlerock Dam valve house.
- 10) Installed 1500 ft. of GCL in the Palmdale Ditch at the waterfall area near Barrel Springs Road and 42nd Street.
- 11) Staff rebuilt 75% of pressure-reducing and altitude valves.
- 12) Staff completed winter maintenance at the water treatment plant.
- 13) Staff completed the 5-year Sanitary Survey inspection of all water facilities with the State Water Resources Control Board District Engineer.
- 14) Staff installed a solar system at the Walt Dalhitz Tank.
- 15) Staff corrected Cal/OSHA deficiencies at the 6M Clearwell, including a self-closing gate.
- 16) Staff installed and calibrated a new sodium hypochlorite dosing system and analyzer at the Underground facility.
- 17) Staff rebuilt the 2850 Zone Booster pump 4.
- 18) Staff repaired two sludge pumps at the Littlerock dam.
- 19) Installed French drains at Well 15.
- 20) Staff installed a new sample port on the new PSI unit at the water treatment plant.
- 21) Staff completed the rehabilitation project at Well 15.
- 22) Staff replaced one HVAC unit at the main office building.
- 23) V-158 new air compressor and rear suspension installation.
- 24) V-177 dump truck new lighting and trailer brake controller installed.
- 25) V-114 rear backup trailer upgrade.
- 26) V-57 trailer decking replaced.
- 27) V-115 top end of engine rebuilt.
- 28) Completed three Ford and one Kenworth factory recalls.

2024 GOALS:

- 1) Continue meter exchange project to various routes throughout the District.
- 2) Replace asphalt around the Main Office and NOB.
- 3) Provide security fencing and electric gates around the Main Office and NOB.
- 4) Upgrade large meter vaults with meter and piping upgrades at various locations.
- 5) Complete Well 23 rehabilitation project.
- 6) Replace the roof at the 25th Street Booster station.
- 7) Replace garage shop door headers and four roll-up doors.

Facilities

Facilities		BUDGET	PROJECTED	BUDGET	ACTUAL	ACTUAL	ACTUAL
PERSONNEL BUDGET:		2024	2023	2023	2022	2021	2020
1-04-4000-000	Salaries	2,649,000	2,326,158	2,532,750	2,224,953	2,230,404	2,404,492
1-04-4000-100	Salaries - Departmental Overtime	150,000	143,573	150,000	166,452	147,785	172,009
	Subtotal (Salaries)	2,799,000	2,469,731	2,682,750	2,391,404	2,378,189	2,576,501
Employee Benefits							
1-04-4005-000	Payroll Taxes	213,000	204,389	215,500	185,043	180,549	208,166
1-04-4010-000	Health Insurance	558,000	464,863	513,500	477,132	459,412	518,839
1-04-4015-000	PERS	227,000	199,536	236,500	198,711	195,696	212,300
	Subtotal (Benefits)	998,000	868,787	965,500	860,886	835,657	939,305
	Personnel Expenses	3,797,000	3,338,518	3,648,250	3,252,290	3,213,846	3,515,805
OPERATING EXPENSES:							
1-04-4050-000	Staff Travel	5,000	2,626	6,514	-	452	2,932
1-04-4060-000	Staff Conferences & Seminars	7,500	5,138	16,285	275	50	1,413
1-04-4155-405	Contracted Services - Landscape Svcs (All Sites)	12,864	12,529	16,810	12,259	12,385	14,035
1-04-4155-410	Contracted Services - Landscape Svcs (Wells)	55,000	56,500	40,974	31,800	31,800	30,109
1-04-4155-420	Contracted Services - Janitorial Services (All Sites)	48,000	46,735	49,379	39,624	46,039	51,477
1-04-4155-425	Contracted Services - Pest Control Svcs (All Loc)	8,250	8,136	6,514	7,641	7,424	6,146
1-04-4155-430	Contracted Services - Pest Control Svcs (Plm Dam)	6,250	6,148	5,463	4,639	3,770	4,959
1-04-4155-435	Contracted Services - Elevator Services	3,250	3,069	4,308	2,965	2,871	2,780
1-04-4155-450	Contracted Services - Seismic Valve Controllers	7,000	7,000	8,195	6,987	6,987	6,683
1-04-4155-455	Contracted Services - Annual Tank Service	125,000	90,000	112,500	162,069	2,615	-
1-04-4155-460	Contracted Services - Fire Extinguisher Servicing	3,500	3,500	5,463	3,308	-	2,490
1-04-4155-468	Contracted Services - Fuel Serve	3,500	3,280	2,627	2,657	2,420	-
1-04-4155-499	Contracted Services - Miscellaneous	-	-	2,206	-	-	2,420
1-04-4175-000	Permits (District Facilities including Dams)	70,000	70,000	44,126	65,543	43,678	37,856
1-04-4215-100	Natural Gas - Wells & Boosters	500,000	376,520	500,000	483,086	539,616	266,610
1-04-4215-200	Natural Gas - Buildings	15,500	15,500	10,400	13,531	11,333	6,618
1-04-4220-100	Electricity - Wells & Boosters	2,000,000	1,728,000	2,300,000	2,221,783	2,049,526	1,516,979
1-04-4220-200	Electricity - Buildings	106,815	101,953	104,001	98,531	75,888	83,840
1-04-4225-000	Maint. & Repair - Vehicles	38,000	45,313	37,628	26,554	26,109	28,792
1-04-4230-100	Maint. & Rep. Operations - Office Building	12,500	5,421	29,328	6,339	7,720	10,132
1-04-4230-120	Maint. & Rep. Operations - Two-way Radios	1,500	1,125	5,534	660	470	-
1-04-4235-110	Maint. & Rep. Operations - Equipment	10,000	14,750	14,055	9,048	8,933	3,737
1-04-4235-400	Maint. & Rep. Operations - Wells	105,000	87,121	93,865	103,222	60,316	80,721
1-04-4235-405	Maint. & Rep. Operations - Boosters	85,000	42,000	58,652	101,617	52,552	37,165
1-04-4235-410	Maint. & Rep. Operations - Shop Bldgs	5,000	3,153	28,774	1,596	15,027	11,780
1-04-4235-415	Maint. & Rep. Operations - Facilities	50,000	45,460	57,549	8,716	12,533	38,245
1-04-4235-420	Maint. & Rep. Operations - Water Lines	300,000	233,479	348,612	359,364	266,240	234,639
1-04-4235-425	Maint. & Rep. Operations - Littlerock Dam	24,842	15,628	17,154	23,410	1,794	8,282
1-04-4235-435	Maint. & Rep. Operations - Palmdale Canal	8,500	10,346	7,747	5,501	537	3,144
1-04-4235-440	Maint. & Rep. Operations - Large Meters	3,265	3,000	17,154	3,077	6,813	7,968
1-04-4235-450	Maint. & Rep. Operations - Hypo Generators	10,000	8,583	8,743	4,488	3,961	6,416
1-04-4235-455	Maint. & Rep. Operations - Heavy Equipment	47,500	42,465	48,695	47,769	33,634	32,112
1-04-4235-460	Maint. & Rep. Operations - Storage Reservoirs	10,000	6,717	5,755	2,385	1,295	1,020
1-04-4235-461	Maint. & Rep. Operations - Air Vacs	5,750	2,481	5,755	5,749	3,488	5,760
1-04-4235-470	Maint. & Rep. Operations - Meter Exchanges	35,000	28,395	171,539	29,966	68,566	49,498
1-04-4300-100	Testing - Regulatory Compliance	12,500	14,000	21,538	9,573	8,234	9,467
1-04-4300-200	Testing - Large Meter Testing	14,000	12,863	13,658	16,160	14,460	12,940
1-04-4300-300	Testing - Edison Testing	11,437	10,000	12,608	10,900	-	6,250
1-04-6000-000	Waste Disposal	17,500	20,000	22,990	15,706	14,109	15,532
1-04-6100-100	Fuel - Gas and Diesel	212,097	190,000	152,732	197,656	147,382	110,759
1-04-6100-200	Lubricates District Wide	28,000	28,000	27,965	23,704	31,267	19,256
1-04-6200-000	Uniforms	34,000	32,000	28,439	26,076	21,650	23,487

(Continued next page)

Facilities (Continued)

OPERATING EXPENSES (Continued):

1-04-6300-100	Supplies - General	58,000	39,930	66,018	60,392	54,085	42,127
1-04-6300-300	Supplies - Electrical	2,500	1,788	3,047	-	2,237	584
1-04-6300-800	Supplies - Construction Materials	27,750	36,500	35,548	24,266	36,073	33,777
1-04-6400-100	Tools - Facilities	30,000	42,000	35,548	25,772	29,104	28,650
1-04-6400-200	Tools - Vehicles	8,000	11,516	10,258	6,452	9,490	13,320
1-04-7000-100	Leases - Equipment	12,000	10,665	15,235	10,399	12,117	15,583
1-04-7000-200	Leases - Fleet	160,000	165,000	175,000	11,500	157,196	116,362
1-04-7001-200	Lease Interest Expense	-	-	-	7,501	-	-
	Total Operating Expense	4,357,071	3,746,331	4,812,886	4,342,216	3,944,248	3,044,852
	Total Departmental Expenses	8,154,071	7,084,849	8,461,136	7,594,506	7,158,094	6,560,658

Operations Department

DESCRIPTION:

The Operations Department operates the water distribution system, including the Water Treatment Plant, Lake Palmdale, Littlerock Dam and Reservoir, and the Palmdale Ditch for surface water sources and treatment. The department is responsible for maintaining compliance with all federal, state, and local regulations on water quality standards, updating watershed sanitary survey and development of wellhead protection as a source water protection plan, lake management, energy management, and pumping efficiency, as well as handling customer-related water quality complaints and water quality analysis.

2023 ACCOMPLISHMENTS:

- 1) Staff optimized water quality by refining the operational practices at the water treatment plant.
- 2) Staff completed the O&M manual for 2023 and added the 3M reservoir as an emergency Clearwell while 6M was offline (SWRCB).
- 3) Staff completed the Large Water System Report for 2022 (SWRCB).
- 4) Staff completed GAC reactivation for 3 GAC contactors with Calgon Carbon at the treatment plant for TOC removal and TTHM mitigation.
- 5) Treated algae blooms and maintained a manageable algae level at Lake Palmdale.
- 6) Staff participated with Hazen & Sawyer to assess what is needed to replace worn-out chemical feed lines at the water treatment plant.
- 7) Managed and oversaw the installation of the new Micro-Chlor sodium hypochlorite generation system to provide chlorine disinfection for treated water.
- 8) Completed training of two newly hired operators.
- 9) Staff completed updating laboratory documents to new ELAP regulations (2016 TNI Standard).
- 10) ELAP on-site assessment for 2024 ELAP accreditation to meet requirements of 2016 TNI Standard.
- 11) Completed the Consumer Confidence Report for 2022 and uploaded documents to the state website.
- 12) Staff began PFAS monitoring according to the SWRCB General Order No. DW-2022-0001-DDW.
- 13) Staff began the SWRCB Fourth Compliance Cycle Second Period Vulnerability Assessments monitoring.
- 14) Staff participated in two Water Research Foundation projects.

2024 GOALS:

- 1) Develop and execute an effective lake monitoring program and cleanup of Lake Palmdale shoreline.
- 2) Keep employees informed of significant changes and improvements implemented by the District.
- 3) Assist in the completion of the hypochlorite generation unit.
- 4) Achieve 100% compliance in regulatory monitoring and legislative mandates.
- 5) Replace the current outdated ion chromatograph instrument.

Operations

Operations		BUDGET	PROJECTED	BUDGET	ACTUAL	ACTUAL	ACTUAL
PERSONNEL BUDGET:		2024	2023	2023	2022	2021	2020
1-05-4000-000	Salaries	1,371,500	1,245,948	1,299,250	1,313,672	1,178,134	1,175,217
1-05-4000-100	Salaries - Departmental Overtime	100,000	98,607	100,000	121,539	99,235	111,276
	Subtotal (Salaries)	1,471,500	1,344,555	1,399,250	1,435,211	1,277,369	1,286,493
Employee Benefits							
1-05-4005-000	Payroll Taxes	119,500	110,565	107,250	100,493	95,066	101,750
1-05-4010-000	Health Insurance	228,000	186,063	190,750	174,978	193,486	191,677
1-05-4015-000	PERS	149,000	119,972	129,750	116,511	109,453	106,224
	Subtotal (Benefits)	496,500	416,599	427,750	391,982	398,005	399,651
	Personnel Expenses	1,968,000	1,761,154	1,827,000	1,827,193	1,675,374	1,686,144
OPERATING EXPENSES:							
1-05-4050-000	Staff Travel	3,300	2,021	3,257	1,615	2,707	-
1-05-4060-000	Staff Conferences & Seminars	3,300	3,576	3,257	549	-	-
1-05-4120-100	Training - Lab Equipment	-	-	5,463	-	-	-
1-05-4155-505	Contracted Services - Landscape Services	3,700	1,725	3,677	1,620	1,620	3,492
1-05-4155-525	Contracted Services - Wind Turbine Services	-	-	32,569	12,220	-	5,165
1-05-4155-540	Contracted Services - Lab Software	7,943	7,560	8,090	7,569	6,698	6,624
1-05-4155-545	Contracted Services - Lab Equipment Services	21,635	20,685	27,316	20,619	28,362	25,962
1-05-4155-550	Contracted Services - Water Quality Svcs (SolarBee)	48,880	48,880	32,990	37,600	-	29,228
1-05-4155-599	Contracted Services - Miscellaneous	-	-	-	40,400	-	-
1-05-4175-000	Permits (WTP Facilities Inclusive)	105,000	191,617	85,416	8,888	91,586	69,689
1-05-4215-200	Natural Gas - Water Treatment Plant	3,000	2,600	3,503	2,419	4,148	1,257
1-05-4220-200	Electricity - Water Treatment Plant	425,000	432,498	400,000	390,099	397,866	153,414
1-05-4230-110	Maint. & Rep. Office - Equipment	5,800	-	5,866	2,860	2,364	638
1-05-4235-110	Maint. & Rep. Operations - Equipment	40,000	34,525	23,241	19,352	27,734	19,036
1-05-4235-410	Maint. & Rep. Operations - Shop Bldgs	7,000	6,109	6,972	5,426	5,970	6,347
1-05-4235-415	Maint. & Rep. Operations - Facilities	82,000	117,749	81,896	73,366	26,909	74,648
1-05-4235-500	Maint. & Repair - Wind Turbine	-	-	11,067	-	4,589	5,995
1-05-4236-000	Palmdale Lake Management	200,000	52,846	142,616	79,484	134,998	98,031
1-05-6000-000	Waste Disposal	50,000	2,923	22,990	25,150	29,587	21,710
1-05-6200-000	Uniforms	15,595	14,018	16,251	15,335	13,831	15,804
1-05-6300-100	Supplies - General	30,000	26,957	15,438	21,753	16,223	18,710
1-05-6300-600	Supplies - Lab	82,931	73,234	78,822	76,500	67,158	66,356
1-05-6300-700	Outside Lab Work	82,303	55,761	65,685	75,920	68,550	52,880
1-05-6400-000	Tools	6,398	2,512	6,196	6,291	4,989	4,726
1-05-6500-000	Chemicals	1,150,000	1,276,664	875,000	882,675	814,780	941,914
1-05-7000-100	Leases - Equipment	-	1,101	3,047	-	638	318
	Total Operating Expense	2,373,785	2,375,563	1,960,623	1,807,708	1,751,305	1,621,943
	Total Departmental Expenses	4,341,785	4,136,717	3,787,623	3,634,901	3,426,679	3,308,087

Finance Department

DESCRIPTION:

The Finance Department's primary responsibility is overseeing the finance-related aspects of the District. This includes billing, payment processing, collections, accounts payable, payroll, bank reconciliation, financial reporting (both state and local), auditing, internal controls, and fixed asset allocation.

2023 ACCOMPLISHMENTS:

- 1) Completed the annual audit and required reporting to outside governing agencies. This included producing the actual audited financial report in-house for review by the independent auditors.
- 2) Provided technical, financial, and acquisition support to all departments.
- 3) Provided monthly financial reports to General Manager and Board of Directors.
- 4) Provided employee compensation in a timely manner.
- 5) Completed issuance of 2023A Water Revenue Bonds, issuing \$21,225,000.
- 6) Liquidated District's obligations in a timely manner.
- 7) Continued workflow schedule for better closure of financial periods to improve monthly reconciliation processes.
- 8) Produced annual District budget.
- 9) Worked with other departments on successful replacement of meters by updating meter information in TruePoint per Meter Replacement Program.

2024 GOALS:

- 1) Complete year-end audit and required financial reporting in a timely manner.
- 2) Continue to provide technical, financial, and acquisition support to all departments.
- 3) Continue to provide monthly financial reports to the General Manager and Board of Directors.
- 4) Complete work on procedural documentation related to payables, payroll processing, and related cross-training.
- 5) Continue developing procedural documentation related to other financial processes, such as job costing, depreciation, and account reconciliation.
- 6) Continue improving the finance workflow schedule to better position the District for information requests related to the District's financial information.
- 7) Staff will reevaluate the district-wide system valuation study to determine the actual asset value of the District.
- 8) Investigate potential ERP financial system for replacement of the current system.
- 9) Perform the required work to conduct the 2024 water rate study and update the District's rate structure.

Finance

Finance		BUDGET	PROJECTED	BUDGET	ACTUAL	ACTUAL	ACTUAL
PERSONNEL BUDGET:		2024	2023	2023	2022	2021	2020
1-06-4000-000	Salaries	1,120,000	966,685	1,054,500	1,066,506	1,053,965	779,173
1-06-4000-100	Salaries - Departmental Overtime	6,000	5,316	6,000	7,955	8,088	1,363
	Subtotal (Salaries)	1,126,000	972,001	1,060,500	1,074,461	1,062,053	780,536
Employee Benefits							
1-06-4005-000	Payroll Taxes	85,250	74,702	92,000	75,512	72,935	56,529
1-06-4010-000	Health Insurance	211,000	163,573	181,070	181,070	178,652	124,813
1-06-4015-000	PERS	122,250	91,331	130,000	104,106	102,478	75,194
	Subtotal (Benefits)	418,500	329,605	403,070	360,688	354,065	256,535
	Personnel Expenses	1,544,500	1,301,607	1,463,570	1,435,149	1,416,118	1,037,072
OPERATING EXPENSES:							
1-06-4050-000	Staff Travel	3,000	500	3,000	-	1,450	58
1-06-4060-000	Staff Conferences & Seminars	2,500	500	2,500	-	329	-
1-06-4155-100	Contracted Services - Infosend	325,000	317,962	340,000	299,825	262,528	246,295
1-06-4155-200	Contracted Services - Infosend Drought Related	-	-	-	-	19,554	-
1-06-4155-300	Contracted Services - AdComp Systems	4,250	4,085	4,518	4,085	4,085	4,085
1-06-4155-620	Contracted Services - Letter Extractor (OPEX)	3,500	3,200	3,257	3,170	3,045	5,940
1-06-4155-625	Contracted Services - GASB Actuarial Reports	13,500	4,850	8,500	12,450	4,650	4,650
1-06-4155-630	Contracted Services -Payroll/HR	-	4,225	50,000	-	-	-
1-06-4165-000	Memberships/Subscriptions	500	125	525	110	220	220
1-06-4230-110	Maintenance & Repair - Office Equipment	-	-	553	-	-	-
1-06-4250-000	General Material & Supplies	1,500	300	2,031	267	-	-
1-06-4260-000	Business Forms	1,500	107	1,576	534	175	314
1-06-4270-100	Telecommunication - Office	65,000	63,359	53,000	57,774	59,726	32,120
1-06-4270-200	Telecommunication - Cellular Stipend	20,000	28,650	30,000	29,250	25,605	32,040
1-06-7000-100	Leases - Equipment	3,000	2,848	3,047	3,323	2,025	2,577
	Total Operating Expense	443,250	430,711	502,508	410,788	383,391	328,300
	Total Departmental Expenses	1,987,750	1,732,317	1,966,077	1,845,937	1,799,510	1,365,372

Water-Use Efficiency Department

DESCRIPTION:

The Water-Use Efficiency Department's primary responsibilities are planning and executing conservation programs and providing information and education on conservation issues. Programs are developed for PWD customers and K-12 classrooms.

2023 ACCOMPLISHMENTS:

- 1) In-person school presentations reached 235 students.
- 2) Earth Day Poster Contest – 110 students participated.
- 3) Water Superhero Poster Contest – 250 students participated.
- 4) As of 10/18/2023, 77 water waste door tags were assigned.
- 5) As of 10/18/2023, there were five fines for a second notice or higher.
- 6) Staff worked on eight events, including a National Night Out, AVC Summer Block Party, AV Fair, Customer Appreciation Day, Let's Talk H2O, and Waterwise Workshops.
- 7) Staff adapted rebate and education programs to serve our ratepayers better.
- 8) Staff worked with Public Affairs on outreach literature.
- 9) Staff provided monthly usage reporting for the city and school districts to track water usage.
- 10) As of 10/18/2023, \$87,047.35 in rebates were issued to qualifying ratepayers.
- 11) 32 PWD customers participated in the WWLP (Water-wise Landscape Conversion Program) for \$75,124.50.
- 12) As of 10/18/2023, 51,598 square feet of turf had been replaced as part of the WWLCP.

2024 GOALS:

- 1) Graphically represent WUE rebate and education program KPIs on Intranet.
- 2) Continue to adapt WUE programs to better suit customer and District needs.
- 3) Continue to work with Public Relations on expanding WUE messaging.
- 4) Continue collaborating with Public Affairs on a community event for students K-12.
- 5) Create new contests for students K-12.
- 6) Staff will continue its working relationship with COP and school districts.
- 7) Staff will continue working with Public Affairs on various community events.
- 8) Work with Engineering on the Conservation Garden plan.
- 9) Increase the number of rebate participants in 2024 by 10% by proactively targeting Commercial/Industrial customers and the city of Palmdale.
- 10) Aim to have at least one department member get a WUE 2 certificate.
- 11) Reach out to Palmdale School District students to promote and encourage water education.

Water-Use Efficiency

<u>Water-Use Efficiency</u>		BUDGET	PROJECTED	BUDGET	ACTUAL	ACTUAL	ACTUAL
PERSONNEL BUDGET:		2024	2023	2023	2022	2021	2020
1-07-4000-000	Salaries	205,250	184,696	190,250	184,572	173,926	171,419
1-07-4000-100	Salaries - Departmental Overtime	10,500	7,127	10,500	13,098	2,473	3,061
	Subtotal (Salaries)	215,750	191,823	200,750	197,671	176,399	174,480
Employee Benefits							
1-07-4005-000	Payroll Taxes	16,750	15,431	15,500	15,756	13,674	14,662
1-07-4010-000	Health Insurance	44,250	39,710	34,000	41,145	37,924	37,655
1-07-4015-000	PERS	25,750	20,458	23,750	19,436	17,590	17,006
	Subtotal (Benefits)	86,750	75,599	73,250	76,337	69,189	69,323
	Personnel Expenses	302,500	267,422	274,000	274,007	245,588	243,803
OPERATING EXPENSES:							
1-07-4050-000	Staff Travel	2,000	1,502	2,732	1,047	634	414
1-07-4060-000	Staff Conferences & Seminars	1,500	870	3,257	850	670	150
1-07-4190-300	Public Relations - Landscape Workshop/Training	6,000	860	5,463	97	383	458
1-07-4190-400	Public Relations - Contests	1,000	-	3,257	-	1,140	852
1-07-4190-500	Public Relations - Education Programs	4,000	780	50,000	940	-	6,701
1-07-4190-900	Public Relations - Other	800	820	5,463	703	629	395
1-07-6300-100	Supplies - General	9,000	8,493	10,000	8,917	3,437	236
	Total Operating Expense	24,300	13,325	80,172	12,554	6,893	9,207
	Total Departmental Expenses	326,800	280,747	354,172	286,562	252,480	253,009

Human Resources Department

DESCRIPTION:

The Human Resources Department manages the District's human resource-related tasks. This includes planning, organizing, directing, and reviewing the activities and operations of the Human Resources Department, including recruitment and selection, on-boarding, classification and compensation, benefits administration, employee relations, performance management, training, safety, and risk management.

2023 ACCOMPLISHMENTS:

- 1) Analyzed District benefit positions and made recommendations to Personnel Committee.
- 2) Conducted nine recruitment campaigns.
- 3) Completed emergency preparedness training for all staff.
- 4) Conducted employee engagement survey.
- 5) Conducted benefit survey and presented recommendation accordingly.
- 6) Established an employee engagement committee.

2024 GOALS:

- 1) Continue to review and revise job descriptions as needed.
- 2) Coordinate 2025 Employee Benefits Open Enrollment.
- 3) Continue to focus on increased safety awareness through training and emergency preparedness.
- 4) Continue to focus on cross-training to create a flexible workforce.

Human Resources

Human Resources		BUDGET	PROJECTED	BUDGET	ACTUAL	ACTUAL	ACTUAL
PERSONNEL BUDGET:		2024	2023	2023	2022	2021	2020
1-08-4000-000	Salaries	380,000	340,509	383,750	262,035	299,976	264,929
1-08-4000-100	Salaries - Departmental Overtime	5,250	3,779	5,250	6,236	268	584
1-08-4000-200	Salaries - Intern Program	54,000	-	54,000	2,690	-	-
	Subtotal (Salaries)	439,250	344,288	443,000	270,962	300,245	265,513
Employee Benefits							
1-08-4005-000	Payroll Taxes	34,500	27,460	34,500	20,397	20,601	19,286
1-08-4010-000	Health Insurance	56,500	41,439	42,250	16,783	33,493	26,866
1-08-4015-000	Pers	34,250	28,887	34,250	21,842	22,210	18,731
	Subtotal (Benefits)	125,250	97,786	111,000	59,022	76,304	64,883
	Personnel Expenses	564,500	442,074	554,000	329,983	376,549	330,396
OPERATING EXPENSES:							
1-08-4050-000	Staff Travel	1,500	1,501	1,576	1,314	-	582
1-08-4060-000	Staff Conferences & Seminars	5,000	4,128	1,576	635	-	199
1-08-4070-000	Employee Expense	80,000	89,584	80,000	74,203	67,485	64,130
1-08-4095-000	Employee Recruitment	10,000	11,720	8,000	11,169	8,457	8,455
1-08-4100-000	Employee Retention	3,000	3,000	4,500	475	1,239	1,681
1-08-4105-000	Employee Relations	-	-	-	-	-	-
1-08-4120-100	Training - Safety	16,000	9,824	35,000	14,514	21,975	13,581
1-08-4120-200	Training - Specialty	10,000	1,500	15,000	-	3,265	1,206
1-08-4121-000	Safety/HR Program	1,000	-	1,051	-	-	35
1-08-4165-000	Memberships/Subscriptions	1,250	974	1,681	1,034	754	1,268
1-08-4165-100	HR/Safety Publications	1,000	-	1,051	78	-	499
1-08-6300-500	Supplies - Safety	34,500	34,564	30,978	49,126	19,787	24,685
	Total Operating Expense	163,250	156,795	180,412	152,548	122,962	116,321
	Total Departmental Expenses	727,750	598,869	734,412	482,531	499,511	446,718

Information Technology Department

DESCRIPTION:

The Palmdale Water District Information Technology (IT) Department provides IT support for the District's computer network, including the operation, maintenance, upgrade, and repair of network hardware and District employee workstations. The primary responsibility of the IT Department is providing a safe and secure networking environment. Additional responsibilities include the day-to-day operation of the network data center and servers, the District phone system, office machines, and software applications. The IT Department is also responsible for testing and evaluating new software applications and hardware being considered for purchase by the District to insure they perform in our current and future infrastructure.

2023 ACCOMPLISHMENTS:

1. Upgraded the following systems: all Domain Controllers to Server 2022, DHCP servers, domain levels to the latest for fault tolerance and Check Scanning software system.
2. Updated furniture for Finance and Engineering workstations.
3. Upgraded Milestone system at Main Office and WTP.
4. Upgraded CCURE and access control systems with the latest software and upgraded hardware.
5. Replacement of firewall hardware with Palo Alto Systems to increase future internet bandwidth.
6. Introduction of disaster recovery with offsite backups for data resiliency during natural disasters.
7. ESRI's Utility Network Implementation (next-generation GIS software and data model).
8. Improved new GIS features from as builds.
9. GIS Web Application Development: Implement a New Meter Exchange Mobile App with offline capability for tighter controls and enhanced dashboards and Apps for efficiency.
10. Staff training on recently acquired GNSS high-accuracy GIS data collection equipment.
11. Miox Sodium Hypochlorite generator integration into SCADA system Well Nos. 2, 3, 7 and Underground Booster Station.
12. Installation of brine tank and controls at Wells 3 and 7.
13. Staff installed and integrated the Underground Chlorine Analyzer into the SCADA system.
14. Staff installed and integrated the 3M Clearwell Booster Flow meters into the SCADA system.
15. Staff installed and integrated the SWAN Turbidity Meter and Chlorine Analyzer into the SCADA system.
16. Staff integrated the Water Treatment Plant Sodium hypochlorite generator into the SCADA system.
17. Staff installed sump pump level transmitters and flow meter, reprogramming sump pump controls at the Littlerock Dam.
18. SCADA Master Plan completed.
19. Staff assisted with the rehabilitation project at Well 15.

2024 GOALS:

1. Complete the SCADA radio system evaluations and start work on recommendations.
2. Start SCADA network redesign.
3. Continue providing GIS support for annual Meter Replacement Project that improves efficiency for crew and Customer Care staff.
4. Integration of treatment plant sodium hypochlorite generator into SCADA system.
5. Installation and integration of Well No. 36 into SCADA system.
6. Installation of new Miox sodium hypochlorite generator at 2 sites.
7. Training on AUMA Valve, Waukesha, Remote Connect and Geo SCADA.

Information Technology

Information Technology		BUDGET	PROJECTED	BUDGET	ACTUAL	ACTUAL	ACTUAL
PERSONNEL BUDGET:		2024	2023	2023	2022	2021	2020
1-09-4000-000	Salaries	740,000	651,587	714,000	632,537	590,289	483,950
1-09-4000-100	Salaries - Departmental Overtime	10,000	15,000	6,500	7,268	22,947	26,855
	Subtotal (Salaries)	750,000	666,587	720,500	639,805	613,237	510,806
Employee Benefits							
1-09-4005-000	Payroll Taxes	62,000	52,952	59,250	47,632	44,487	38,935
1-09-4010-000	Health Insurance	110,000	102,294	94,500	94,123	96,749	65,776
1-09-4015-000	PERS	95,000	67,366	89,500	65,684	58,989	47,031
	Subtotal (Benefits)	267,000	222,612	243,250	207,439	200,226	151,742
	Personnel Expenses	1,017,000	889,199	963,750	847,244	813,462	662,547
OPERATING EXPENSES:							
1-09-4050-000	Staff Travel	3,000	1,693	3,257	1,300	1,345	147
1-09-4060-000	Staff Conferences & Seminars	7,500	3,947	10,927	3,748	6,353	3,456
1-09-4155-801	Cloud Services-MS-Office 360	40,000	35,000	36,772	38,852	32,015	3,504
1-09-4155-804	Cloud Services-Adobe-Creative Suite	13,750	12,562	5,463	10,983	10,393	7,610
1-09-4155-805	Cloud Services-SeamlessDocs	7,500	6,825	5,463	5,500	6,167	-
1-09-4155-806	Cloud Services-IPSwitch-Moveit	10,500	10,027	11,032	10,027	161	10,027
1-09-4155-807	Cloud Services-GFI Fax	2,250	1,909	2,732	2,052	1,650	1,650
1-09-4155-808	Cloud Services-KnowBe4-Security Awareness	4,750	4,509	1,576	4,374	2,298	2,000
1-09-4155-809	Cloud Services-Network Solutions-DNS, Web Registration	3,500	3,250	4,308	1,751	2,077	816
1-09-4155-810	Cloud Services-IBM-MaaS360	6,250	5,922	6,514	5,709	5,118	3,672
1-09-4155-811	Cloud Services-MSP Portal-Bit Defender	5,345	5,094	5,358	5,094	5,094	5,094
1-09-4155-812	Cloud Services-Akins-WIFI	-	-	-	-	523	1,383
1-09-4155-813	Cloud Services-FleetMate	525	500	525	500	500	-
1-09-4155-814	Cloud Services-Security Metrics-PCI Compliance	4,617	4,400	4,728	4,400	4,400	8,792
1-09-4155-815	Cloud Services-Citrix	2,011	2,000	2,101	1,916	1,825	1,750
1-09-4155-816	Cloud Services - Azure Services	40,000	25,652	26,476	39,119	2,033	-
1-09-4155-905	Contracted Services - Offsite Services	7,250	5,000	5,253	6,925	3,704	-
1-09-4155-910	Contracted Services - Printer Services	4,000	2,972	7,354	3,723	3,577	4,993
1-09-4155-915	Contracted Services - Website Design Services	5,000	7,000	4,203	350	4,171	5,108
1-09-4155-920	Contracted Services - Telephony Services	1,500	131	5,463	348	-	2,794
1-09-4155-925	Contracted Services - TDS (Network & Software Support)	41,000	40,964	42,025	26,826	25,659	-
1-09-4155-930	Contracted Services - Network Services	-	-	-	-	-	1,114
1-09-4155-935	Contracted Services - Hardware Warranties	-	-	16,285	-	-	-
1-09-4155-940	Contracted Services - Access Control & Fire Services	85,000	80,531	63,038	70,162	70,596	61,059
1-09-4155-945	Contracted Services - LA County Dataset	250	112	1,051	80	-	-
1-09-4155-950	Contracted Services - ESRI Customer Care	-	-	5,253	-	-	3,487
1-09-4155-955	Contracted Services - SCADA Software	-	-	18,911	17,743	22,215	-
1-09-4155-960	Contracted Services - SCADA Hardware	-	-	10,506	-	-	14,952
1-09-4155-965	Contracted Services - ClearSCADA	20,000	19,614	15,759	-	-	-
1-09-4165-000	Memberships/Subscriptions	2,500	300	2,732	1,369	3,399	360
1-09-4235-445	Maint. & Rep - Telemetry	3,500	1,362	5,568	607	3,870	1,046
1-09-4270-100	Telecommunication - Office Phone	21,000	19,487	18,911	19,816	18,607	23,622
1-09-4270-125	Telecommunication - Office Backbone	22,000	20,580	24,164	20,580	20,580	21,866
1-09-4270-150	Telecommunication - WTP Backbone	14,500	11,400	16,285	11,400	11,400	11,400
1-09-4270-300	Telecommunication - Cellular (Data & On-Call)	72,500	68,233	57,784	59,773	49,926	52,198
1-09-4270-350	Telecommunication - Other	20,000	18,180	7,985	21,120	15,212	7,094
1-09-6300-400	Supplies - Telemetry	5,000	4,250	1,500	268	636	406
1-09-6450-110	Equipment - GF Signet Flow Meters	-	-	7,719	-	-	-
1-09-7000-100	Leases - Equipment (Printers)	56,500	57,500	56,877	54,872	52,735	48,706
1-09-8000-100	Computer Equipment - Computers	45,500	45,500	45,705	34,229	47,363	59,732
1-09-8000-200	Computer Equipment - Mobility	45,000	40,000	45,705	42,403	17,901	31,183
1-09-8000-300	Computer Equipment - Monitors	10,000	6,159	12,188	1,777	10,576	-
1-09-8000-500	Computer Equipment - Printer Supplies	2,500	3,500	2,539	-	125	-
1-09-8000-550	Computer Equipment - Telephony	2,500	-	3,047	-	-	-
1-09-8000-600	Computer Equipment - Other	17,500	30,000	30,470	15,370	15,417	31,150
1-09-8000-650	Computer Equipment - Warranty and Support	17,500	18,500	15,235	6,572	15,495	22,560
1-09-8100-100	Software - Maint. and Support	-	3,605	-	-	4,963	32,270
1-09-8100-101	Software M&S - Xtelesis-Phone	9,500	9,400	11,032	9,344	8,899	-
1-09-8100-102	Software M&S - Tredent-Veam	12,000	8,000	12,000	12,684	13,467	18,836
1-09-8100-103	Software M&S - Conduvisive/V-locity-Diskeeper	6,500	5,872	8,405	6,242	6,148	5,128
1-09-8100-104	Software M&S - FWI	500	493	525	463	403	397

(Continued next page)

Information Technology (Continued)

OPERATING EXPENSES (Continued):

1-09-8100-106	Software M&S- Astria Solutions-Docstar	15,000	14,337	19,962	13,275	12,643	12,643
1-09-8100-107	Software M&S- NemoQ-Ticketing	-	-	2,627	-	-	-
1-09-8100-109	Software M&S- Neogov	8,000	7,800	5,253	7,505	3,392	-
1-09-8100-110	Software M&S- TruePoint	42,500	42,000	42,025	40,800	33,990	35,310
1-09-8100-111	Software M&S- Technology Unlimited	5,000	4,600	2,206	1,880	1,723	1,673
1-09-8100-112	Software M&S- Sierra Workforce-Timesheet	4,250	4,035	4,308	4,034	4,034	4,034
1-09-8100-114	Software M&S- Faranics-Powersaver	-	-	210	-	-	-
1-09-8100-115	Software M&S- Network Monitoring	60,000	54,677	66,189	45,140	44,706	44,582
1-09-8100-116	Software M&S- VMWare-Virtualization	12,500	9,225	14,709	9,225	9,225	9,225
1-09-8100-120	Software M&S- ESRI GIS Software	27,500	27,500	26,266	26,150	300	25,000
1-09-8100-121	Software M&S- ESRI Drone2Map	3,000	3,075	1,576	3,401	-	2,000
1-09-8100-122	Software M&S - Info360 (SCADA Watch)	-	-	16,810	-	16,204	-
1-09-8100-123	Software M&S - InfoWatch (Innovyze)	17,000	16,183	16,810	14,064	-	-
1-09-8100-124	Software M&S - BAMBOO HR	12,000	11,764	11,032	1,229	10,577	-
1-09-8100-125	Software M&S - Syncta Backflow	6,000	5,386	6,000	3,767	-	-
1-09-8100-126	Software M&S - ProcureNow (OpenGov)	10,000	9,000	10,000	-	-	-
1-09-8100-127	Software M&S - AutoDesk	15,000	13,114	-	-	-	-
1-09-8100-150	Software M&S- Dynamics GP	60,000	52,648	42,025	70,344	54,567	62,430
1-09-8100-200	Software - Software and Upgrades	40,000	36,000	21,013	15,553	12,606	12,244
	Total Operating Expense	1,039,747	963,278	1,017,727	836,739	732,963	720,504
	Total Departmental Expenses	2,056,747	1,852,477	1,981,477	1,683,983	1,546,425	1,383,052

THIS PAGE INTENTIONALLY LEFT BLANK

Customer Care Department

DESCRIPTION:

The Customer Care Department manages the day-to-day affairs for the customers of the Palmdale Water District. This includes handling meter readings, new service applications, customer complaints, payment processing (front counter and telephone), and records management.

2023 ACCOMPLISHMENTS:

- 1) Effectively obtained meter reads from increasing remote meter reading failure rate numbers, ensuring water accounts were billed on schedule.
- 2) Continued in-house warranty maintenance on Zenner ETRs of over 4,400, causing no reads, and returned faulty products for warranty replacement.
- 3) Office reps transitioned from work-from-home to partial in-office while efficiently assisting our customers.
- 4) Staff completed pre-pandemic shut-off for non-payment numbers to assist the District's cash flow while lowering the special payment arrangements.
- 5) Directed customers in need to the Maravilla Foundation to assist the District in receiving funds.
- 6) We have implemented the new Neptune meter reading system, utilizing two separate systems.
- 7) Staff started bringing on the new Sensus meter reading system to eliminate the Itron system. (October 2023)
- 8) Hired/trained four new team members, including transitioned temp-hire FCCR to full-time position and two hybrid team members.
- 9) Staff proactively contacted and processed prior RAP participants.
- 10) Staff proactively contacted and processed prior Variance participants.
- 11) Statistics (January – September)

a. Phone calls	28,603
b. Lobby	8,083
c. New Customers	816
d. Total Work Orders	59,159
e. RAP (Exhausted 2023 funds)	
f. Courtesy Leaks Credits	\$30,423
g. Shut-off Non-payment	3,814
h. Variance Participants	205
i. Maravilla Assisted	58 (\$22,659.99)

2024 GOALS:

- 1) Complete current Meter Exchange Project with new Master meters and Sensus reading system.
- 2) Transition to Sensus AMI system.
- 3) Replace non-working Zenner meters with working Master meters, currently 4,415.
- 4) Once reading is under control, return to accuracy reading per our Rules & Regulations.
- 5) Implement in conjunction with the Finance Department a customer portal to promote self-service.
- 6) Implement in conjunction with the Finance Department a real-time payment portal.

Customer Care

Customer Care		BUDGET	PROJECTED	BUDGET	ACTUAL	ACTUAL	ACTUAL
PERSONNEL BUDGET:		2024	2023	2023	2022	2021	2020
1-10-4000-000	Salaries	1,171,500	1,131,856	1,134,250	1,076,008	937,636	972,537
1-10-4000-100	Salaries - Departmental Overtime	7,000	7,513	7,000	7,869	4,367	3,891
	Subtotal (Salaries)	1,178,500	1,139,369	1,141,250	1,083,877	942,003	976,429
Employee Benefits							
1-10-4005-000	Payroll Taxes	90,250	83,575	87,500	80,126	71,300	77,001
1-10-4010-000	Health Insurance	223,250	223,235	227,500	228,717	236,285	216,399
1-10-4015-000	PERS	127,250	98,677	121,250	99,962	90,531	88,826
	Subtotal (Benefits)	440,750	405,487	436,250	408,804	398,115	382,226
	Personnel Expenses	1,619,250	1,544,856	1,577,500	1,492,681	1,340,118	1,358,655
OPERATING EXPENSES:							
1-10-4050-000	Staff Travel	2,000	500	2,101	-	870	(20)
1-10-4060-000	Staff Conferences & Seminars	3,000	500	3,257	434	349	-
1-10-4155-005	Contracted Services - Assessor Data (Realquest)	10,500	9,900	10,506	9,900	9,900	9,900
1-10-4155-010	Contracted Services - Credit Reporting Services	5,000	3,272	4,308	3,673	4,326	3,225
1-10-4155-015	Contracted Services - AMR Services (Itron)	2,400	-	8,720	2,287	4,574	8,712
1-10-4155-020	Contracted Services - NEMO-Q System	3,200	2,063	3,152	2,003	1,945	1,945
1-10-4230-110	Mtce & Rep Office - Equipment	-	-	203	-	-	331
1-10-4250-000	General Material & Supplies	5,000	4,930	5,078	2,618	1,255	1,102
1-10-4260-000	Business Forms	1,000	1,000	1,051	-	-	-
	Total Operating Expense	32,100	22,166	38,376	20,915	23,219	25,196
	Total Departmental Expenses	1,651,350	1,567,022	1,615,876	1,513,596	1,363,337	1,383,851

APPENDIX

THIS PAGE INTENTIONALLY LEFT BLANK

Budget Control Guidelines

The 2024 Budget approved by the Board of Directors will serve as the basis for operating Palmdale Water District. It includes many individual items and projects as well as the anticipated operations and maintenance budgets. The following are intended to act as guidelines for working within the budget and to clarify the Board's involvement in the process.

- 1) Work on purchasing equipment and other projects in the approved budget can be initiated by staff. Approval of proposals for the construction projects or purchasing equipment will follow the appropriate District policy and may involve Committee or Board action.
- 2) Department managers are required to operate within the approved budget amounts, both the total department amount and individual accounts. Permission from the General Manager is needed prior to exceeding any account budget amount.
- 3) The General Manager is authorized to approve transfers between operating budget accounts within or between departments up to \$25,000. These transfers must be requested in writing from the department manager and shall not increase the overall District budget. Transfers above \$25,000 must be approved by the Board of Directors.
- 4) Items not included in the approved budget and recommended by staff must be approved by the Board.
- 5) Increases in the total operating budget that are not due to emergency or maintenance activities must be approved by the Board of Directors. The General Manager shall inform the Board of Directors of spending related to emergency situations.
- 6) The General Manager will periodically provide the Board of Directors with reports on actual spending versus the approved budget, any recommended adjustments, and any approved transfers.
- 7) The Departmental Staffing Summary included in the 2023 Budget is for monetary planning purposes only. The General Manager will consult with the Personnel Committee or full Board of Directors, as appropriate, prior to filling any vacant positions shown in the summary.

THIS PAGE INTENTIONALLY LEFT BLANK

Resolution No. 23-15

Palmdale Water District's Reserve Policy

WHEREAS, the Board of Directors recognizes the need to ensure that the District will have sufficient funding available to meet its operating, emergency capital, and debt service obligations.

WHEREAS, the Board of Directors recognizes the need for sound financial policies as stewards of our customers' funds.

WHEREAS, the Board of Directors recognizes the need for funds to be held in reserve for unanticipated and unforeseeable expenses.

WHEREAS, the Board of Directors recognizes the need to avoid significant water rate fluctuations.

WHEREAS, the Board of Directors recognizes a need for long-term strategic financial policies.

NOW, THEREFORE, BE IT RESOLVED that the Board of Directors of Palmdale Water District hereby rescinds the District's existing Reserve Policy (Resolution No. 18-10) and establishes the Palmdale Water District Reserve Policy as follows:

Legally Restricted Funds:

The Capital Improvement Fees, as modified by District Resolution No. 18-14, to consist of fee components allocated for infrastructure and for water supply, and Water Supply Connection Fees are subject to the requirements of the Mitigation Fee Act (AB 1600). These funds are deposited in the Capital Improvement Fund described below. The funds may not be used to support ongoing operations of the District. The District is legally required to account for these funds separately. An annual report is required to show balance forward, fees collected, income earned, expenditures, and future commitments. All funds collected must be committed or expended within five years of being collected or they must be refunded. Other legally restricted funds, including bond proceeds funds, reserve funds, or rate stabilization funds, are described below.

1. Capital Improvement Fund:

PWD will maintain a capital improvement fund with fees collected from developers to pay for the new facilities necessary to deliver water service to newly developed property and to pay for the additional water supplies necessitated to meet the demand for water created by such newly developed property. These fees are for offsite improvements, such as the development's fair share cost of wells, reservoirs, transmission mains, treatment plant capacity, and other necessary facilities, as well as to pay for water supply acquisitions and projects associated with new water supplies necessitated by new development. The fees are collected at rates established by the Board of Directors based upon specific engineering studies. The rates charged are based on a project's equivalent capacity unit (ECU) basis. These funds are restricted to the design and construction of capital facilities for water delivery, and as otherwise provided in Resolution No. 18-14 and in Appendix H to the District's Rules and Regulations.

2. *Bond Proceeds Fund(s):*

Bond proceeds fund(s) are monies derived from the proceeds of a bond issue or similar indebtedness like a private placement loan, certificate of participation or other indebtedness instrument. Typically, they consist of construction fund monies and a debt service reserve fund. The use of these proceeds is restricted by conditions set forth in the respective legal bond documents. These funds are usually held by the Trustee in favor of the bondholders. These funds should be tracked and accounted for in accordance with the bond documents and to ensure, if applicable, the tax-exempt nature of the applicable bonds. These funds shall also be invested as provided in the bond documents.

3. *Debt Service Reserve Funds:*

The requirements for a Debt Service Reserve Fund (DSRF) are governed by the bond covenants for the District's debt. Bond covenants may require a DSRF to be maintained at a level sufficient to fund maximum annual debt service payments or such other requirements of the governing legal documents.

If funding a DSRF using bond proceeds is determined to be necessary or in the District's best interest, the DSRF will typically be held by the trustee to make principal and interest payments to bondholders in the event that pledged revenues are insufficient to do so. Annual interest earnings on a DSRF shall be applied to each year's debt service payments or as otherwise required by the bond documents.

The DSRF requirement may also be satisfied by a surety policy, a form of insurance provided by a bond insurer to satisfy a reserve fund requirement for a bond issuance. Under this arrangement, instead of depositing cash in a DSRF, the District purchases a reserve fund insurance policy (surety) by paying a one-time premium equal to a percentage of the face amount of the policy. The District may use a surety policy instead of a debt service reserve fund when economically feasible.

4. *Rate Stabilization Fund:*

The District will draw on Rate Stabilization Funds to maintain financial performance indicators and goals specified in legal bond covenants and monitored by financial rating agencies. Included among these indicators and goals is the maintenance of a strong debt service coverage ratio and a target Rate Stabilization Fund balance equal to 20% of maximum annual debt service, with a maximum Rate Stabilization Fund balance of \$2,500,000. Withdraw all or any portion of the amounts on deposit in the Rate Stabilization Fund and transfer such amounts to the Water Revenue Fund to maintain minimum required debt service coverage.

Board Designated Funds:

Board designated funds are set to accomplish systematic and strategic goals or provide for prudent management of operations. The Board of Directors has complete discretion in the management and designation of self-adopted funds. Such funds can be modified, transferred, or altered by Board action.

1. *Dam Self Insurance:*

The District shall make available \$5 million for self-insurance of the Littlerock Dam as seed money for reconstruction under the terms of the agreement between Palmdale Water District, Littlerock Creek Irrigation District, and Palmdale Water District Public Facilities Corporation. The money will be used to begin the reconstruction following an event during the time applications for FEMA reimbursement are in process following an event.

2. *O&M Operating Reserve:*

The O&M Operating Reserve will vary over time with a goal of maintaining three (3) months' average cash operating expenses of 25% of the prior audited year for the current year (Refer to Table A as reference). This reserve is considered a working cash requirement. It bridges the gap between the time expenses are paid and the time revenues from the same service are collected from customers.

3. *O&M Emergency Reserve:*

The O&M Emergency Reserve will vary over time with a goal of maintaining three (3) months average cash operating expenses of 25% of the prior audited year for the current year (Refer to Table A as reference). This reserve is considered a working cash requirement for use in an emergency situation.

4. *Unrestricted Reserves:*

Unrestricted reserves represent a remainder balance of cash that is not yet designated for some use by the Board of Directors.

NOW, THEREFORE, BE IT RESOLVED by the Board of Directors of the Palmdale Water District as follows:

Each fiscal year budget will report on the status of the reserve over the previous year and budget for proposed sources and uses for each reserve.

PASSED AND ADOPTED by the Board of Directors of the Palmdale Water District at a regular meeting held on this 23rd day of October, 2023 by the following vote:

Ayes: President Wilson, Directors Kellerman, Mac Laren-Gomez, Dino

Noes: None

Absent: Director Dizmang

Abstain: None

SIGNED AND ATTESTED COPY CAN BE FOUND ON THE DISTRICT WEB SITE OR CONTACT THE EXECUTIVE ASSISTANT TO RECEIVE A PHOTO COPY BY MAIL.

THIS PAGE INTENTIONALLY LEFT BLANK

2024 Water Rate Schedule

Meter Fee Charge (Effective 01/01/2024)	
5/8" - 1"	54.43
1-1/2"	134.37
2"	204.21
3"	367.16
4"	600.07
6"	1,181.81
8"	1,880.17
10"	2,695.17
FIXED FIRELINE	192.47

Commodity Rates (\$/ccf)	
Tiers	
Essential Use – Tier 1	1.08
Efficient Use – Tier 2	1.98
Tier 3	2.54
Tier 4	4.23
Tier 5	6.23
Water Quality Fee (\$/ccf)	
0.06	
Elevation Booster Surcharge (\$/ccf)	
B	-
A1	0.10
A2	0.69
A3	1.21
Drought Surcharge	0.45

THIS PAGE INTENTIONALLY LEFT BLANK

2024 Holiday Observance Calendar

January	February	March																																																																																																																						
<table border="1"> <tr><td></td><td style="background-color: #90EE90;">1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td></tr> <tr><td>7</td><td>8</td><td>9</td><td>10</td><td>11</td><td>12</td><td>13</td></tr> <tr><td>14</td><td style="background-color: #FFFF00;">15</td><td>16</td><td>17</td><td>18</td><td>19</td><td>20</td></tr> <tr><td>21</td><td>22</td><td>23</td><td>24</td><td>25</td><td>26</td><td>27</td></tr> <tr><td>28</td><td>29</td><td>30</td><td>31</td><td></td><td></td><td></td></tr> </table>		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31				<table border="1"> <tr><td></td><td></td><td></td><td></td><td>1</td><td>2</td><td>3</td></tr> <tr><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td><td>9</td><td>10</td></tr> <tr><td>11</td><td>12</td><td>13</td><td>14</td><td>15</td><td>16</td><td>17</td></tr> <tr><td>18</td><td style="background-color: #FFFF00;">19</td><td>20</td><td>21</td><td>22</td><td>23</td><td>24</td></tr> <tr><td>25</td><td>26</td><td>27</td><td>28</td><td>29</td><td></td><td></td></tr> </table>					1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29			<table border="1"> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td>1</td><td>2</td></tr> <tr><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td><td>9</td><td></td></tr> <tr><td>10</td><td>11</td><td>12</td><td>13</td><td>14</td><td>15</td><td>16</td><td></td></tr> <tr><td>17</td><td>18</td><td>19</td><td>20</td><td>21</td><td>22</td><td>23</td><td></td></tr> <tr><td>24</td><td>25</td><td>26</td><td>27</td><td>28</td><td>29</td><td>30</td><td></td></tr> <tr><td>31</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> </table>							1	2	3	4	5	6	7	8	9		10	11	12	13	14	15	16		17	18	19	20	21	22	23		24	25	26	27	28	29	30		31							
	1	2	3	4	5	6																																																																																																																		
7	8	9	10	11	12	13																																																																																																																		
14	15	16	17	18	19	20																																																																																																																		
21	22	23	24	25	26	27																																																																																																																		
28	29	30	31																																																																																																																					
				1	2	3																																																																																																																		
4	5	6	7	8	9	10																																																																																																																		
11	12	13	14	15	16	17																																																																																																																		
18	19	20	21	22	23	24																																																																																																																		
25	26	27	28	29																																																																																																																				
						1	2																																																																																																																	
3	4	5	6	7	8	9																																																																																																																		
10	11	12	13	14	15	16																																																																																																																		
17	18	19	20	21	22	23																																																																																																																		
24	25	26	27	28	29	30																																																																																																																		
31																																																																																																																								
April	May	June																																																																																																																						
<table border="1"> <tr><td></td><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td></tr> <tr><td>7</td><td>8</td><td>9</td><td>10</td><td>11</td><td>12</td><td>13</td></tr> <tr><td>14</td><td>15</td><td>16</td><td>17</td><td>18</td><td>19</td><td>20</td></tr> <tr><td>21</td><td>22</td><td>23</td><td>24</td><td>25</td><td>26</td><td>27</td></tr> <tr><td>28</td><td>29</td><td>30</td><td></td><td></td><td></td><td></td></tr> </table>		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30					<table border="1"> <tr><td></td><td></td><td></td><td>1</td><td>2</td><td>3</td><td>4</td></tr> <tr><td>5</td><td>6</td><td>7</td><td>8</td><td>9</td><td>10</td><td>11</td></tr> <tr><td>12</td><td>13</td><td>14</td><td>15</td><td>16</td><td>17</td><td>18</td></tr> <tr><td>19</td><td>20</td><td>21</td><td>22</td><td>23</td><td>24</td><td>25</td></tr> <tr><td>26</td><td style="background-color: #FFFF00;">27</td><td>28</td><td>29</td><td>30</td><td>31</td><td></td></tr> </table>				1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		<table border="1"> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>1</td></tr> <tr><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td><td></td></tr> <tr><td>9</td><td>10</td><td>11</td><td>12</td><td>13</td><td>14</td><td>15</td><td></td></tr> <tr><td>16</td><td>17</td><td>18</td><td>19</td><td>20</td><td>21</td><td>22</td><td></td></tr> <tr><td>23</td><td>24</td><td>25</td><td>26</td><td>27</td><td>28</td><td>29</td><td></td></tr> <tr><td>30</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> </table>								1	2	3	4	5	6	7	8		9	10	11	12	13	14	15		16	17	18	19	20	21	22		23	24	25	26	27	28	29		30							
	1	2	3	4	5	6																																																																																																																		
7	8	9	10	11	12	13																																																																																																																		
14	15	16	17	18	19	20																																																																																																																		
21	22	23	24	25	26	27																																																																																																																		
28	29	30																																																																																																																						
			1	2	3	4																																																																																																																		
5	6	7	8	9	10	11																																																																																																																		
12	13	14	15	16	17	18																																																																																																																		
19	20	21	22	23	24	25																																																																																																																		
26	27	28	29	30	31																																																																																																																			
							1																																																																																																																	
2	3	4	5	6	7	8																																																																																																																		
9	10	11	12	13	14	15																																																																																																																		
16	17	18	19	20	21	22																																																																																																																		
23	24	25	26	27	28	29																																																																																																																		
30																																																																																																																								
July	August	September																																																																																																																						
<table border="1"> <tr><td></td><td>1</td><td>2</td><td>3</td><td style="background-color: #FFFF00;">4</td><td>5</td><td>6</td></tr> <tr><td>7</td><td>8</td><td>9</td><td>10</td><td>11</td><td>12</td><td>13</td></tr> <tr><td>14</td><td>15</td><td>16</td><td>17</td><td>18</td><td>19</td><td>20</td></tr> <tr><td>21</td><td>22</td><td>23</td><td>24</td><td>25</td><td>26</td><td>27</td></tr> <tr><td>28</td><td>29</td><td>30</td><td>31</td><td></td><td></td><td></td></tr> </table>		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31				<table border="1"> <tr><td></td><td></td><td></td><td></td><td>1</td><td>2</td><td>3</td></tr> <tr><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td><td>9</td><td>10</td></tr> <tr><td>11</td><td>12</td><td>13</td><td>14</td><td>15</td><td>16</td><td>17</td></tr> <tr><td>18</td><td>19</td><td>20</td><td>21</td><td>22</td><td>23</td><td>24</td></tr> <tr><td>25</td><td>26</td><td>27</td><td>28</td><td>29</td><td>30</td><td>31</td></tr> </table>					1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	<table border="1"> <tr><td>1</td><td style="background-color: #FFFF00;">2</td><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td></tr> <tr><td>8</td><td>9</td><td>10</td><td>11</td><td>12</td><td>13</td><td>14</td></tr> <tr><td>15</td><td>16</td><td>17</td><td>18</td><td>19</td><td>20</td><td>21</td></tr> <tr><td>22</td><td>23</td><td>24</td><td>25</td><td>26</td><td>27</td><td>28</td></tr> <tr><td>29</td><td>30</td><td></td><td></td><td></td><td></td><td></td></tr> </table>	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30																		
	1	2	3	4	5	6																																																																																																																		
7	8	9	10	11	12	13																																																																																																																		
14	15	16	17	18	19	20																																																																																																																		
21	22	23	24	25	26	27																																																																																																																		
28	29	30	31																																																																																																																					
				1	2	3																																																																																																																		
4	5	6	7	8	9	10																																																																																																																		
11	12	13	14	15	16	17																																																																																																																		
18	19	20	21	22	23	24																																																																																																																		
25	26	27	28	29	30	31																																																																																																																		
1	2	3	4	5	6	7																																																																																																																		
8	9	10	11	12	13	14																																																																																																																		
15	16	17	18	19	20	21																																																																																																																		
22	23	24	25	26	27	28																																																																																																																		
29	30																																																																																																																							
October	November	December																																																																																																																						
<table border="1"> <tr><td></td><td></td><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td></tr> <tr><td>6</td><td>7</td><td>8</td><td>9</td><td>10</td><td>11</td><td>12</td></tr> <tr><td>13</td><td>14</td><td>15</td><td>16</td><td>17</td><td>18</td><td>19</td></tr> <tr><td>20</td><td>21</td><td>22</td><td>23</td><td>24</td><td>25</td><td>26</td></tr> <tr><td>27</td><td>28</td><td>29</td><td>30</td><td>31</td><td></td><td></td></tr> </table>			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			<table border="1"> <tr><td></td><td></td><td></td><td></td><td></td><td>1</td><td>2</td></tr> <tr><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td><td>9</td></tr> <tr><td>10</td><td style="background-color: #FFFF00;">11</td><td>12</td><td>13</td><td>14</td><td>15</td><td>16</td></tr> <tr><td>17</td><td>18</td><td>19</td><td>20</td><td>21</td><td>22</td><td>23</td></tr> <tr><td>24</td><td>25</td><td>26</td><td>27</td><td style="background-color: #FFFF00;">28</td><td style="background-color: #FFFF00;">29</td><td>30</td></tr> </table>						1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	<table border="1"> <tr><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td></tr> <tr><td>8</td><td>9</td><td>10</td><td>11</td><td>12</td><td>13</td><td>14</td></tr> <tr><td>15</td><td>16</td><td>17</td><td>18</td><td>19</td><td>20</td><td>21</td></tr> <tr><td>22</td><td style="background-color: #FF0000;">23</td><td style="background-color: #90EE90;">24</td><td style="background-color: #90EE90;">25</td><td style="background-color: #90EE90;">26</td><td style="background-color: #FF0000;">27</td><td>28</td></tr> <tr><td>29</td><td style="background-color: #FF0000;">30</td><td style="background-color: #FF0000;">31</td><td style="background-color: #90EE90;">1</td><td>2</td><td>3</td><td>4</td></tr> </table>	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	2	3	4													
		1	2	3	4	5																																																																																																																		
6	7	8	9	10	11	12																																																																																																																		
13	14	15	16	17	18	19																																																																																																																		
20	21	22	23	24	25	26																																																																																																																		
27	28	29	30	31																																																																																																																				
					1	2																																																																																																																		
3	4	5	6	7	8	9																																																																																																																		
10	11	12	13	14	15	16																																																																																																																		
17	18	19	20	21	22	23																																																																																																																		
24	25	26	27	28	29	30																																																																																																																		
1	2	3	4	5	6	7																																																																																																																		
8	9	10	11	12	13	14																																																																																																																		
15	16	17	18	19	20	21																																																																																																																		
22	23	24	25	26	27	28																																																																																																																		
29	30	31	1	2	3	4																																																																																																																		

PWD Observed Holiday
PWD Observed Holiday (Dates Subject to Change)
PWD Scheduled Office Closure (Dates Subject to Change)

January 15 – Martin Luther King Jr. Day

February 19 – Presidents Day

May 27 – Memorial Day

July 4 – Independence Day

September 2 – Labor Day

November 11 – Veterans Day

November 28 & 29 – Thanksgiving

December 24, 25 & 26 – Christmas Break

January 1 – New Year (Observed)

THIS PAGE INTENTIONALLY LEFT BLANK

California Water Code – Section 370-374

ALLOCATION-BASED CONSERVATION WATER PRICING

(Copied from original posted at <https://leginfo.legislature.ca.gov/faces/codes.xhtml>)

370. The Legislature hereby finds and declares all of the following:
- (a) The use of allocation-based conservation water pricing by public entities that sell and distribute water is one effective means by which waste or unreasonable use of water can be prevented and water can be saved in the interest of the people and for the public welfare, within the contemplation of Section 2 of Article X of the California Constitution.
 - (b) It is in the best interest of the people of California to encourage public entities to voluntarily use allocation-based conservation water pricing, tailored to local needs and conditions, as a means of increasing efficient uses of water, and further discouraging wasteful or unreasonable use of water under both normal and dry-year hydrologic conditions.
 - (c) The Legislature intends that allocation-based conservation water pricing is an alternative method that can be used by public entities to encourage water users to conserve water, increase efficient uses of water, and further discourage waste of water. The Legislature does not intend to limit the discretion of public entities to evaluate and select among different methods for conserving water or to create a presumption that the election to not use a particular method is a waste or unreasonable use of water by the public entity.
 - (d) Nothing in this chapter is intended to limit, or dictate, the design of rate structures that public entities may use to promote conservation by water users.
 - (e) Nothing in this chapter directs, or otherwise compels, a public entity to use allocation-based conservation water pricing.
371. For purposes of this chapter, the following terms have the following meanings:
- (a) "Allocation-based conservation water pricing" means a retail water rate structure that meets all of the criteria in Section 372.
 - (b) "Basic charge" means a volumetric unit charge for the cost of water service other than any fixed costs that are recovered through meter charges or other fixed charges other than incremental costs that are recovered through conservation charges. A basic charge may include the cost of generally applicable conservation measures assumed in establishing basic use allocations.
 - (c) "Conservation charge" means a volumetric unit charge for incremental costs.
 - (d) "Incremental costs" means the costs of water service, including capital costs, that the public entity incurs directly, or by contract, as a result of the use of water in excess of the basic use allocation or to implement water conservation or demand management measures employed to increase efficient uses of water, and further discourage the wasteful or unreasonable use of water, and may include any of the following:
 - (1) Conservation best management practices, conservation education, irrigation controls and other conservation devices, and other demand management measures.

(2) Water system retrofitting, dual plumbing and facilities for production, distribution, and all uses of recycled water and other alternative water supplies.

(3) Projects and programs for prevention, control, or treatment of the runoff of water from irrigation and other outdoor water uses. Incremental costs shall not include the costs of stormwater management systems and programs.

(4) Securing dry-year water supply arrangements.

(5) Procuring water supplies to satisfy increments of water use in excess of the basic use allocations for the customers of the public entity, including supply or capacity contracts for water supply rights or entitlements and related energy costs for water delivery.

(e) "Public entity" means a city, whether general law or chartered, county, city and county, special district, agency, authority, any other municipal public corporation or district, or any other political subdivision of the state that provides retail water service and that is an urban water supplier, as defined in Section 10617.

372. (a) A public entity may employ allocation-based conservation water pricing that meets all of the following criteria:

(1) Billing is based on metered water use.

(2) A basic use allocation is established for each customer account that provides a reasonable amount of water for the customer's needs and property characteristics. Factors used to determine the basic use allocation may include, but are not limited to, the number of occupants, the type or classification of use, the size of lot or irrigated area, and the local climate data for the billing period.

Nothing in this chapter prohibits a customer of the public entity from challenging whether the basic use allocation established for that customer's account is reasonable under the circumstances.

Nothing in this chapter is intended to permit public entities to limit the use of property through the establishment of a basic use allocation.

(3) A basic charge is imposed for all water used within the customer's basic use allocation, except that at the option of the public entity, a lower rate may be applied to any portion of the basic use allocation that the public entity has determined to represent superior or more than reasonable conservation efforts.

(4) A conservation charge shall be imposed on all increments of water use in excess of the basic use allocation. The increments may be fixed or may be determined on a percentage or any other basis, without limitation on the number of increments, or any requirement that the increments or conservation charges be sized, or ascend uniformly, or in a specified relationship. The volumetric prices for the lowest through the highest priced increments shall be established in an ascending relationship that is economically structured to encourage conservation and reduce the inefficient use of water, consistent with Section 2 of Article X of the California Constitution.

(b) (1) Except as specified in subdivision (a), the design of an allocation-based conservation pricing rate structure shall be determined in the discretion of the public entity.

(2) The public entity may impose meter charges or other fixed charges to recover fixed costs of water service in addition to the allocation-based conservation pricing rate structure.

(c) A public entity may use one or more allocation-based conservation water pricing structures for any class of municipal or other service that the public entity provides.

373. (a) Revenues derived from allocation-based conservation water pricing shall not exceed the reasonable cost of water service including basic costs and incremental costs. This chapter does not limit the sources of funding for incremental costs to charges for water use.

(b) Revenues derived from allocation-based conservation water pricing shall not exceed the proportional cost of service attributable to the customer's parcel, as determined by giving consideration to all of the following:

(1) Customer classes established in consideration of service characteristics, demand patterns, and other factors.

(2) Basic use allocations.

(3) Meter size.

(4) Metered volume of water consumed.

(5) The public entity's discretionary allocation of incremental costs between and among the increments of water use subject to conservation charges, as permitted by paragraph (4) of subdivision (a) of Section 372 to meet the requirement of that section.

(c) In establishing the schedule of charges and metered volumes for the increments of water use subject to conservation charges, the public entity may also consider both of the following:

(1) Customer overuse characteristics, including ratios between overuse volumes and basic use allocations, variations in demand and consumption patterns, or other characteristics of overuse experienced by the public entity.

(2) The extent to which the pricing structure of the increments will be effective in minimizing or eliminating the need for other measures to curtail potential overuse.

374. (a) Allocation-based conservation water pricing under this chapter may be used on an ongoing basis and shall not require any finding of emergency or other water shortage conditions.

(b) The authority granted in this chapter is in addition to any other authority that a public entity has to use rate structure design to foster the conservation of water.

(c) The imposition and revision of rates and charges by a public entity under this chapter shall be subject to the procedures otherwise required by law for the public entity's water rates.

THIS PAGE INTENTIONALLY LEFT BLANK

Glossary of Terms

ACH	Automated Clearing House is an electronic network for financial transactions in the United States. ACH processes large volumes of credit and debit transactions in batches.
ACWA	Association of California Water Agencies represents and provides key services to its members. From legislation to regulatory activities to broad policy issues, ACWA is on the front lines in Sacramento and in Washington, D.C. as a constant and respected advocate for California’s public water agencies. ACWA’s involvement at the state and federal level has helped shape laws and policies that affect ACWA member agencies and their customers. (http://www.acwa.com)
AWWA	American Water Works Association is the authoritative resource on safe water, sharing knowledge on water resource development, water and wastewater treatment technology, water storage and distribution, and utility management and operations. AWWA provides knowledge, information and advocacy to improve the quality and supply of water in North America and beyond, and advances public health, safety and welfare by uniting the efforts of the full spectrum of the water community. (http://www.awwa.org)
BMP	Best Management Practice is a practice or combination of practices determined to be the most effective, practicable means for protecting natural resources.
CalPERS	See PERS
CDPH	California Department of Public Health is a state agency that oversees and regulates the public drinking water systems. This includes the certification and licensing of water treatment and distribution system operators. (http://www.cdph.ca.gov)
CEQA	The California Environmental Quality Act is a law (California Public Resources Code section 21000 et seq.) passed in 1970, shortly after the federal government passed the National Environmental Policy Act. CEQA does not directly regulate land uses, but instead, requires development projects to submit documentation of their potential environmental impact. (http://ceres.ca.gov/ceqa)
CIF	Capital Improvement Fees were established to provide funds for the construction of District facilities to meet water demands. These fees are collected from developers, so they can contribute toward the cost of construction of future facilities as specified by the District’s Master Plan.
CMMS	Computerized Maintenance Management System is a software package that maintains a computer database of information about an organization’s maintenance operations related to equipment, assets and property.

Glossary of Terms *(Continued)*

CSDA	California Special Districts Association is the recognized voice for all special districts. CSDA provides advocacy, outreach and member services, while educating policymakers and the public on the vital importance of local services provided by special districts in California. (http://www.csda.net)
CUWCC	The California Urban Water Conservation Council was created to increase efficient water use statewide through partnerships among urban water agencies, public interest organizations, and private entities. The Council's goal is to integrate urban water conservation Best Management Practices into the planning and management of California's water resources.
DSOD	The Division of Safety of Dams is the Department of Water Resources' entity entrusted to protect people against loss of life and property from dam failure.
DWR	California Department of Water Resources is a state agency that oversees the operation of the State Water Project (SWP). (http://www.water.ca.gov)
DBP	Disinfection By-Products are potentially toxic chemical compounds that are formed in extremely low concentrations during the disinfection of water supplies.
EBPP	Electronic Bill Presentment and Payment is a process that enables bills to be created, delivered, and paid via the internet.
EIR	Environmental Impact Report is a public document used by a government agency to analyze environmental effects of a proposed project. It also allows for the identification of alternatives and disclosure of possible ways to reduce or avoid possible environmental damage.
EIS	Environmental Impact Study – See EIR
ELAP	Environmental Laboratory Accreditation Program is a way to implement a sustainable accreditation program that ensures laboratories generate environmental and public health data of known, consistent, and documented quality to meet stakeholder needs.
EPA	Environmental Protection Agency is the federal agency responsible for setting and enforcing water quality standards.
ET	Evapotranspiration, or "ET," is the combination of water that is lost from the soil through evaporation and through transpiration from plants as a part of their metabolic processes. "ET" is simply the amount of water needed by a particular plant, tree, or turf grass.
GAC	Granular Activated Carbon is a form of carbon that has been processed to make it extremely porous, and thus, has a very large surface area available for adsorption or chemical reactions. These carbons are preferred for all adsorption of gases and vapors as their rates of diffusion are faster. Granulated carbons are used for water treatment, deodorization and separation of components of flow system.

Glossary of Terms *(Continued)*

GASB	The Governmental Accounting Standards Board exists to establish and improve standards of state and local governmental accounting and financial reporting. By doing this, the result is useful information for users of financial reports, and helps guide and educate the public, including issuers, auditors, and users of those financial reports. (http://www.gasb.org)
GCMS	Gas Chromatography–Mass Spectrometry is an analytical method that combines the features of gas chromatography and mass spectrometry to identify different substances within a test sample.
GIS	Geographical Information System captures, stores, analyzes, manages, and presents data that is linked to location. Technically, a GIS is a system which includes mapping software and its application for remote sensing, land surveying, aerial photography, mathematics, photogrammetry, geography, and tools that can be implemented with GIS software.
IVR	Interactive Voice Recognition is a technology that allows a computer to interact with humans using voice and DTMF tones input via a keypad.
LIMS	Laboratory Information Management System is a software system developed to support laboratory operations. This software system can track specimens and workflows, aggregate data for research or business intelligence purposes, and ensure laboratory operations are compliant with various standards and regulations.
MOU	Memorandum of Understanding is a document describing a bilateral or multilateral agreement between parties. It expresses a convergence of will between the parties, indicating an intended common line of action.
MTBE	Methyl Tertiary-Butyl Ether is a chemical compound that is manufactured by the chemical reaction of methanol and isobutylene. MTBE is almost exclusively used as a fuel additive in motor gasoline.
O&M	Operations and Maintenance are the activities related to the performance of routine, preventive, predictive, scheduled, and unscheduled actions aimed at preventing equipment failure or decline with the goal of increasing efficiency, reliability, and safety.
OPEB	Other Post-Employment Benefits obligations are primarily for retiree healthcare costs but also can include other benefits such as insurance.
PEPRA	California Public Employees' Pension Reform Act of 2013. The District adopted PEPRA provisions on January 1, 2013. For a better understanding of this act, refer to the CalPERS employers' circular located at the following URL. http://www.calpers.ca.gov/eip-docs/employer/cir-ltrs/2012/200-055-12.pdf
PERS or CalPERS	California Public Employees' Retirement System is a state retirement system covering Palmdale Water District employees and retirees. The retirement program provides retirement income levels dependent on age and length of participation.

Glossary of Terms *(Continued)*

RFP	Request for Proposals is a document that solicits proposals, often made through a bidding process by an agency or company interested in procurement of a commodity, service, or asset, to potential suppliers to submit business proposals.
SCADA	Supervisory Control and Data Acquisition is a system that collects data from various sensors at a factory, plant or in other remote locations and then sends this data to a central computer, which then manages and controls the data.
SWC	The State Water Contractors is a non-profit association of 27 public agencies from Northern, Central and Southern California that purchase water under contract from the California State Water Project. (http://www.swc.org)
SWP	California State Water Project is administered by the California Department of Water Resources (DWR). The State Water Project is the nation's largest state-built water and power development and conveyance system. Its purpose is to deliver water, control flooding, generate power, provide recreational opportunities, and enhance habitats for fish and wildlife.
SWRCB	State Water Resources Control Board, or State Water Board, is the state agency given the regulatory responsibility to protect the water quality of nearly 1.6 million acres of lakes, 1.3 million acres of bays and estuaries, 211,000 miles of rivers and streams, and about 1,100 miles of coastline. The mission of the State and Regional Water Boards is to preserve, enhance, and restore the quality of the state's water resources and ensure their proper allocation and efficient use for the benefit of present and future generations.
THM/TTHM	Trihalomethanes (THM) are a group of four chemicals that are formed along with other disinfection by-products when chlorine or other disinfectants used to control microbial contaminants in drinking water react with naturally occurring organic and inorganic matter in water. The EPA oversees regulating the total trihalomethanes (TTHM) at a maximum allowable annual average in drinking water.
TNI	The Nelac Institute is a non-profit organization whose mission is to foster the generation of environmental data of known and documented quality through an open, inclusive, and transparent process that is responsive to the needs of the community.
VOC	Volatile Organic Compounds are groundwater contaminants of concern because of very large environmental releases, human toxicity, and a tendency for some compounds to persist in and migrate with groundwater to drinking water supply.
WI-FI	Wi-Fi is technology that allows an electronic device to exchange data or connect to the internet wirelessly using radio waves.