



BUDGET

FISCAL YEAR 2022-2023

mojavewater.org

Mojave Water Agency

13846 Conference Center Drive
Apple Valley, CA 92307

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Board of Directors



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Mike Page
Vice President



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Secretary



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Board Member



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Board Member



Jim Ventura
Board Member

General Manager

Allison Febbo



2022

INTRODUCTION



On behalf of the Mojave Water Agency, I am pleased to present the Fiscal Year 2022-2023 Operating and Five-Year Capital Improvement budget, my first as the General Manager of the Mojave Water Agency.

The past few years have seen the State of California experience a large number of hydrological firsts as extremely dry conditions persist. As a desert agency, the Mojave Water Agency is in the position to endure these conditions because drought conditions are a way of life, as is conservation and efficient water use.

This year's budget prioritizes promoting agency resiliency by investing in drought tolerance capital projects for recharge in our basin, as well as thinking strategically about how we invest in our staffing needs to support science based decision making in a time of great uncertainty.

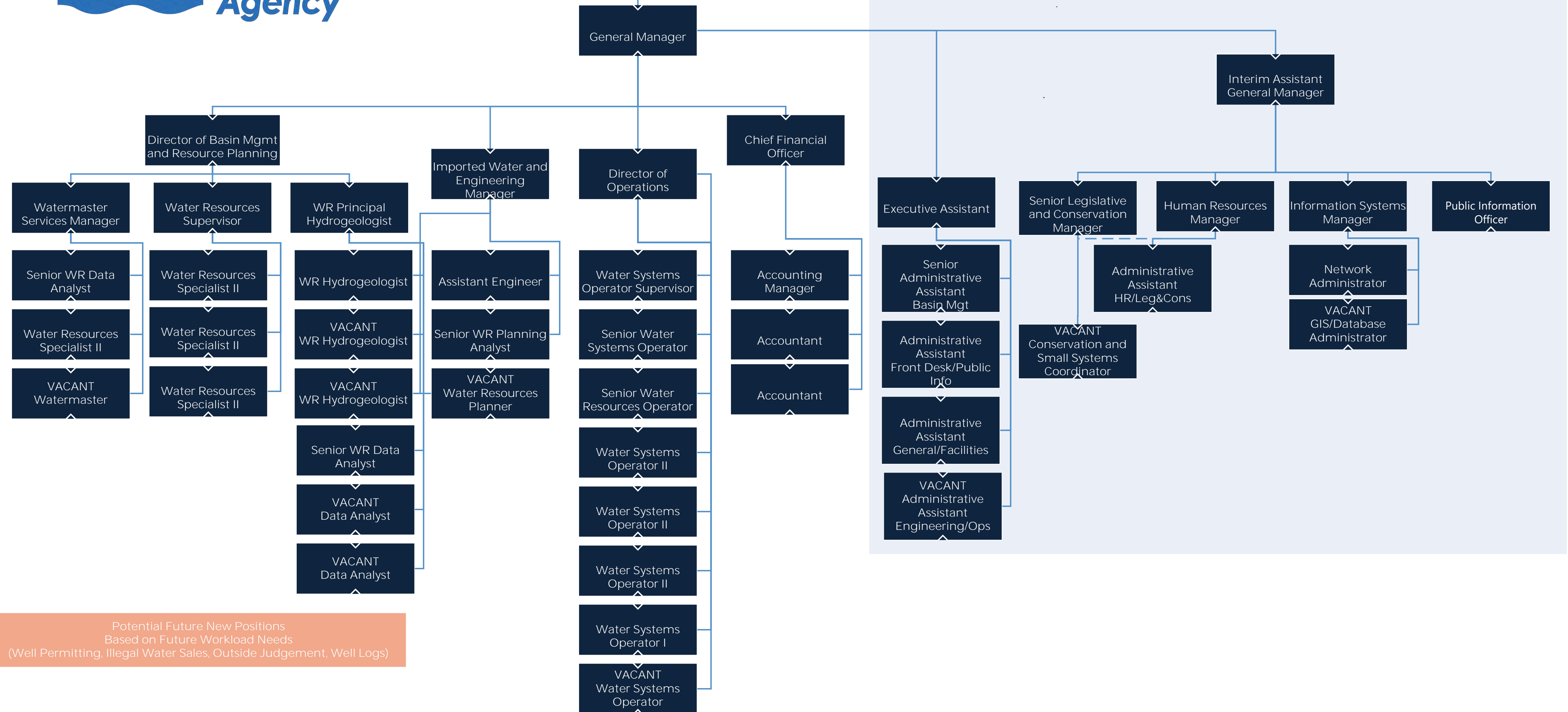
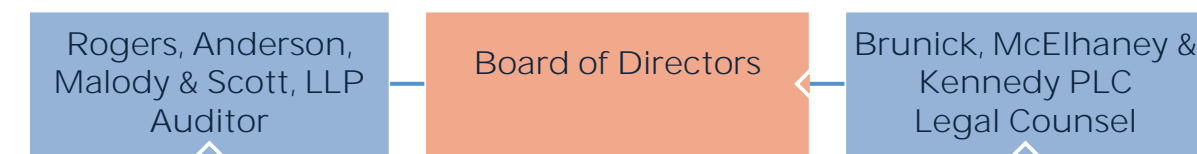
On the heels of a global pandemic, there were challenges and opportunities that will face the Agency next year.

The Agency property tax revenue has risen substantially, so have the cost for imported water the general cost of doing business with inflation that has not been seen since the 1980's.

The budget herein shows that we will have expenses exceeding revenue by \$1 Mil. which is supported by a FY21/22 year that is projected to culminate with a surplus that will be reinvested back into the Agency and its mission.

We would like to thank the Board of Directors for their leadership and prudent financial management, which has positioned the Agency for a secure and stable future.

ALLISON FEBBO
GENERAL MANAGER



Potential Future New Positions
Based on Future Workload Needs
(Well Permitting, Illegal Water Sales, Outside Judgement, Well Logs)

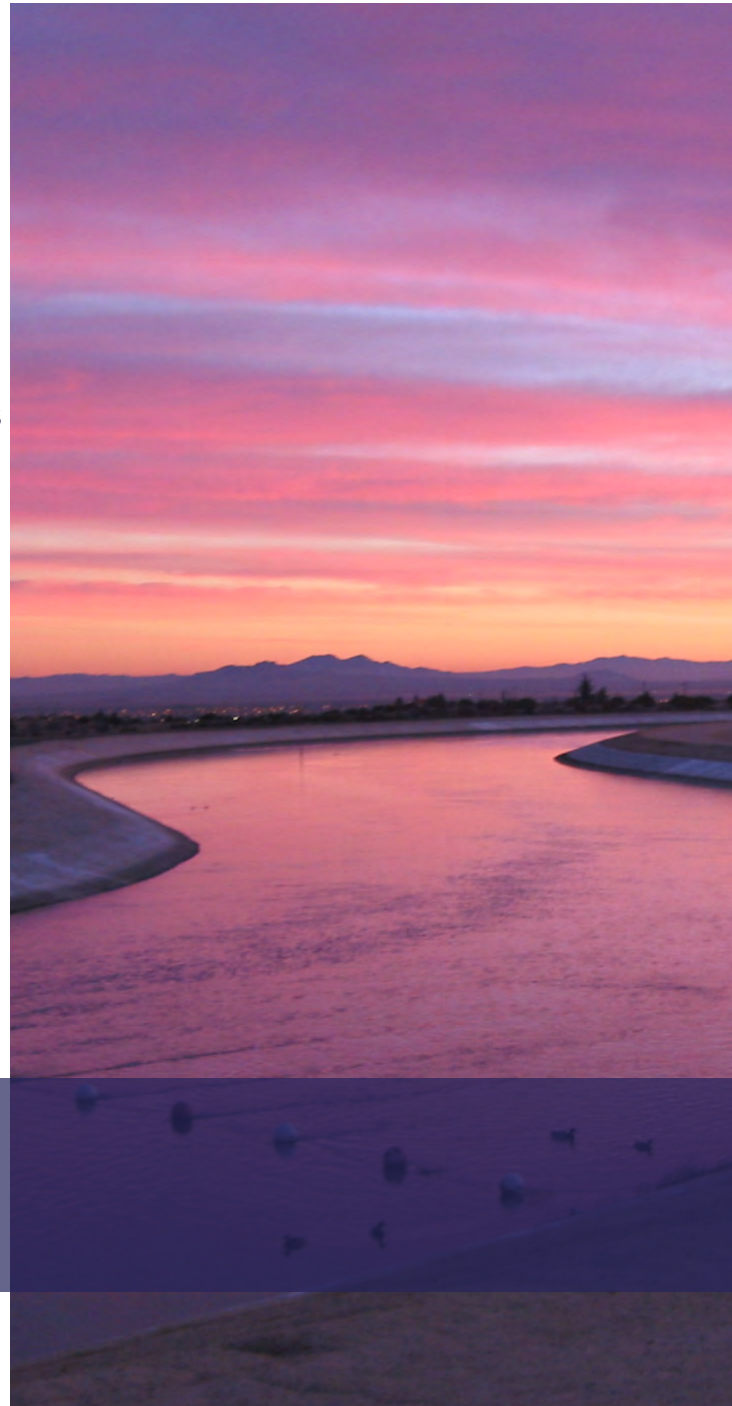
BUDGET SUMMARY FY22-23

	FY 2021/2022 Budget	Actual YTD Mar 31, 2022	FY 2021/2022 Projected	Projected Variance - over / (under)	FY 2022/2023 Budget	Budget Variance	FY 2023/2024 Budget
Beginning Cash Balance	\$ 102,449,060				\$ 130,558,160	\$ 28,109,100	\$ 131,616,030
REVENUES							
Water Sales (net Reliability Assessment)	2,810,937	1,101,326	2,810,937	-	4,203,901	1,392,964	2,702,250
Reliability Assessment	2,209,660	999,264	2,209,660	-	2,339,150	129,490	2,209,660
SWP Water Transfers	8,000,000	23,239,300	23,344,300	15,344,300	8,000,000	-	8,000,000
MWA 1 - 11.5¢	12,576,968	8,522,656	12,590,221	13,253	13,680,212	1,103,244	14,456,498
MWA 2 (a) 3¢	12,608,614	8,283,776	12,686,706	78,092	13,843,299	1,234,685	14,482,923
MWA 2 (b) 2.5¢	10,507,179	6,887,975	10,572,255	65,076	11,536,082	1,028,903	12,069,103
General Property Tax	7,697,587	4,288,750	7,791,427	93,840	8,480,994	783,407	8,643,656
ID M Property Tax Assessment	-	80,998	80,998	80,998	20,000	20,000	-
ID M Debt Service Support	494,850	-	314,000	(180,850)	-	(494,850)	-
Interest	1,212,406	759,673	1,098,745	(113,661)	1,857,380	644,974	1,896,707
Grants	2,525,000	1,621,663	3,690,525	1,165,525	12,443,286	9,918,286	-
Miscellaneous	22,000	5,772	12,000	(10,000)	22,000	-	22,000
Total Revenues	\$ 60,665,201	\$ 55,791,153	\$ 77,201,774	\$ 16,536,573	\$ 76,426,304	\$ 15,761,103	\$ 64,482,797
EXPENDITURES							
DWR Min OMP&R	13,948,972	8,827,380	13,385,911	563,061	14,171,089	(222,117)	14,879,643
DWR Bond and Capital	9,156,738	9,244,425	9,244,425	(87,687)	9,745,478	(588,740)	11,422,380
Delta Conveyance Project (Planning & Design)	100,000	34,149	1,530,330	(1,430,330)	2,178,226	(2,078,226)	2,645,016
SWC Member Allocation	239,000	206,511	239,000	-	239,000	-	239,000
Tax Collection Exp	131,000	61,590	130,100	900	98,000	33,000	99,500
Water Purchases	2,484,974	215,106	2,484,974	-	8,784,642	(6,299,668)	7,858,767
Departmental Expenses	13,003,414	7,750,658	11,070,122	1,933,292	14,455,165	(1,451,751)	10,135,358
Agency Grant Expenses	500,000	984,923	984,923	(484,923)	579,000	(79,000)	-
Pass-through Grant Expenses	1,625,000	733,922	733,922	891,078	8,068,525	(6,443,525)	-
ID M (includes Debt Service Support)	2,863,150	2,837,750	2,837,750	25,400	1,917,700	945,450	-
Dudley Ridge Debt	2,334,275	561,833	2,334,275	-	2,334,567	(292)	2,332,358
Berrenda Mesa Debt	1,702,625	1,674,542	1,702,625	-	1,699,042	3,583	-
Capital	4,040,000	646,063	3,405,000	635,000	11,098,000	(7,058,000)	8,055,000
Total Expenditures	\$ 52,129,148	\$ 33,778,852	\$ 50,083,357	\$ 2,045,791	\$ 75,368,434	\$ (23,239,286)	\$ 57,667,022
A/R & A/P Adj.		\$ 990,683	\$ 990,683				
Ending Cash Balance	\$ 110,985,113	\$ 125,452,044	\$ 130,558,160	\$ 19,573,047	\$ 131,616,030	\$ 20,630,917	\$ 138,431,805

MWA'S PURPOSE

“...The purpose of the agency shall be to do any and every act necessary to be done so that sufficient water may be available for any present or future beneficial use of the lands and inhabitants of the agency, including, but not limited to, the construction, maintenance, alteration, purchase, and operation of any and all works or improvements within the agency necessary or proper to carry out any object or purpose of this act and the gathering of data for, and the development and implementation of, after consultation and coordination with all public and private water entities who are in any way affected, management and master plans to mitigate the cumulative overdraft of groundwater basins, to monitor the condition of the groundwater basins, to pursue all necessary water conservation measures, and to negotiate for additional water supplies from all state, federal, and other sources.

**CALIFORNIA
WATER CODE
APPENDIX §97-1.5**



MISSION

COLLABORATIVELY MANAGE GROUNDWATER BASINS SUSTAINABLY,
IMPORT WATER RESPONSIBLY, AND ADDRESS RISKS PROACTIVELY
USING SOUND SCIENCE.

OUR MISSION is to collaboratively managing groundwater basins sustainably, import water responsibly, and address risks proactively using sound science

GOAL 1

Support our communities to fulfill their water needs associated with their land use plans.

GOAL 2

Cultivate an effective & resilient organization needed to fulfill our mission.

1

SUSTAINABLY MANAGE GROUNDWATER BASINS

Manage groundwater basins sustainably



2

MAINTAIN IMPORTED WATER SUPPLY

Identify and maintain access to imported water supplies in sufficient quantities that, when combined with local supplies, will meet Urban Water Management Planning Act requirements which support local communities' land use plans.



3

RELIABLE WATER SUPPLY & INFRASTRUCTURE

Develop, manage, and maintain water portfolio and infrastructure to provide reliable water supplies.

4

URBAN WATER EFFICIENCY

Achieve urban water use efficiency of XX gallons per capita per day.

5

EFFECTIVE ORGANIZATION & CULTURE

Cultivate organizational culture that successfully recruits, retains, trains, and develops effective team members and leaders to fulfill our mission.

6

ROBUST TECHNOLOGY, SCIENCE & DATA

Employ robust technology, science, and data management systems to support effective operations and decision making to address highest risks.



7

STEWARD FINANCES SUSTAINABLY

Responsibly steward the availability of financial resources required to fulfill our mission.

8

ACTIVE RISK MITIGATION

Create and maintain an active risk register and risk mitigation strategies.



9

COLLABORATIVE RELATIONSHIPS

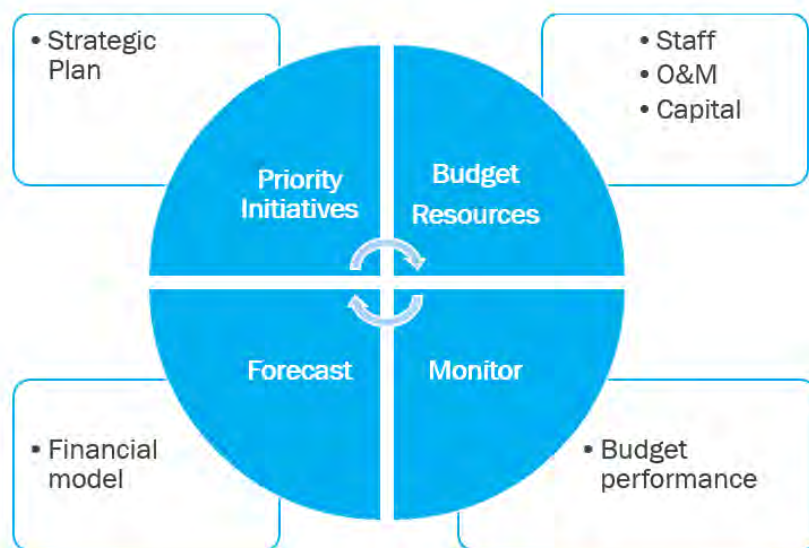
Cultivate effective and collaborative working relationships with partner agencies, other responsible parties, and the public.

BUDGET PREPARATION

The Agency's budget process begins with preliminary revenue projections for the upcoming budget year. Using expert guidance on the tax revenue and overall economic condition forecast, from HdL Coren & Cone and Beacon Economics, the Agency uses the best available information to develop revenue forecasts, by fund, for the upcoming budget year to ensure the Agency is spending within its means.

In the development of the expenditure side of the budget, the Agency is guided by the Strategic Plan, adopted by the Board in 2021. The Plan contains the Agency's Vision and Mission Statements, defines our goals as a public agency, and establishes our culture as an organization of individuals. The Strategic Plan forms our response to the challenges that we must address in managing this vital resource by providing a venue to develop specific goals and objectives for the organization.

The Strategic Plan contains eight objectives that are supported by strategic initiatives. The strategic initiatives are reviewed and updated annually to ensure the efforts of staff and partners are aligned. The initiatives also determine the amount of staff and financial resources are dedicated to certain efforts. The strategic plan was designed to be iterative and dynamic and is a crucial source for direction when managing



successes and any pivots that the Agency may need to explore.

In addition to the Agency's strategic plan, resources are allocated based on the guidance of regional documents which guide the Agency's role in water resources management in the region. This includes, but is not limited to, the Urban Water Management Plan and the Integrated Regional Water Management Plan. Regional and strategic plans, in addition to legislative mandates establish the bounds for budget development.

As depicted in the graphic above, the financial management cycle is a continual effort of the Agency to ensure alignment of resources, accountability (budget performance) and long term risk management and resiliency preparation (the financial model). Working together the Agency comprehensively and effectively manages its financial resources.

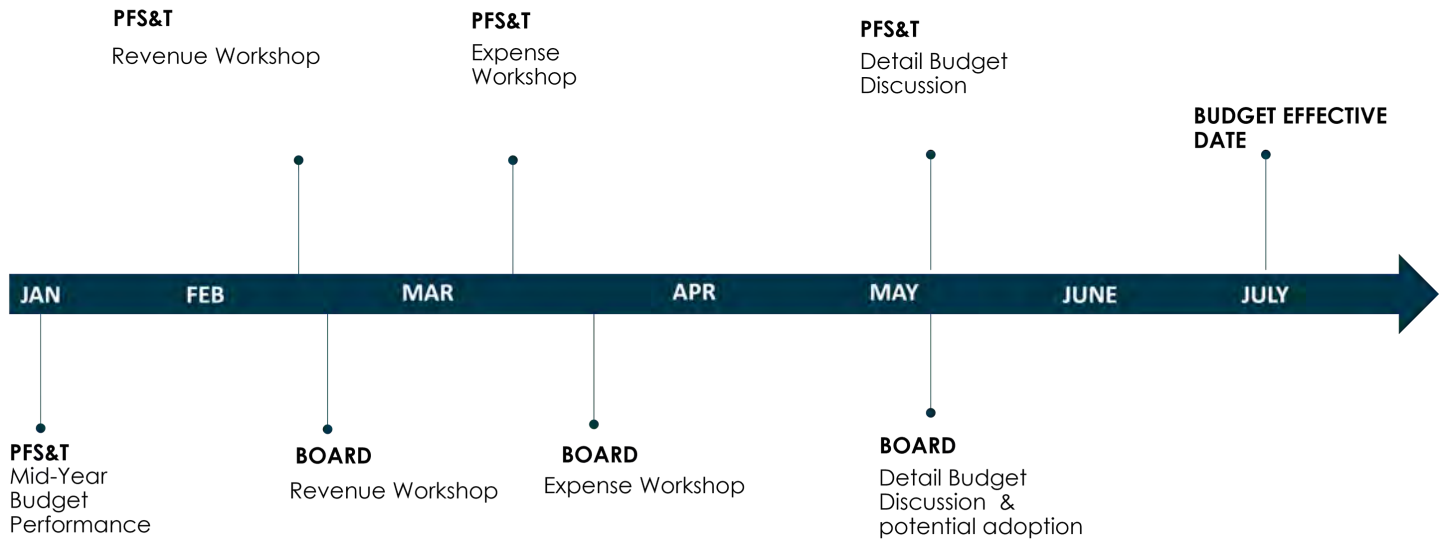
BUDGET PREPARATION

For the detailed budget development, the Chief Financial Officer issues instructions to the Department Managers on how to submit departmental budget requests for the Departmental Budget. Department Managers are given historical data and develop budget requests for the following year. For the State Water Project cost projections, the Agency participates in the annual Financial Management Conference conducted with the Department of Water Resources to provide the outlook for the following year's utility spending outlook. The Statement of Charges, the annual bill that the Agency pays for State Water entitlements, is issued on a calendar year basis, so the Agency prepares future estimates based on the known Statement and what is forecasted for the following calendar year. As the spring moves further along in March, the Departmental Budgets are reviewed by the General Manager to ensure that resources align with the strategic plan and that costs are being controlled from an organization-wide perspective.



The Capital Improvement Plan (CIP) budget is a five-year plan to capture investments that need to be made to the Agency's infrastructure, both investments and reinvestments in existing infrastructure. Capital projects are long-term and strategic investments in the physical solutions that enable the Agency to import, store and deliver water to our region. This includes water recharge basins, pipelines and all other appurtenances, as well as the information technology and scientific monitoring to make data-informed and scientifically sound decisions for our future. The large nature of these investments requires a thoughtful process whereby Departments identify projects that are needed through a variety of planning mechanisms and come together to prioritize and put together the CIP.

Budget Timeline

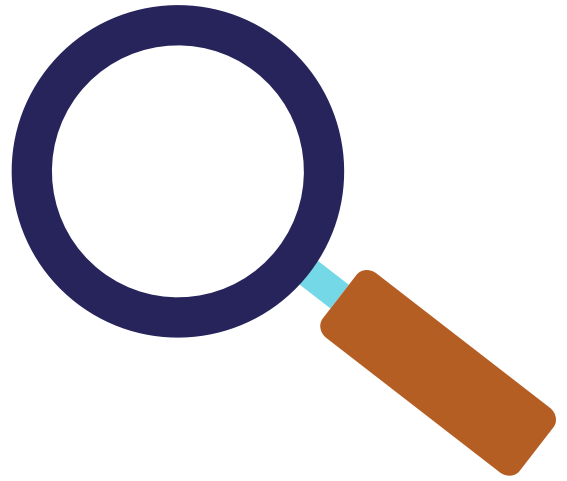


Throughout this process, the Board of Directors and public are engaged at both the Personnel, Finance, Security and Technology Committee and Board of Director's Meetings on the revenue and expense outlook. In late April/early May, the detailed budget and draft budget document is circulated for review and adoption by the Board no-later-than June 30th for an July 1st effective date when the budget performance monitoring and budgeting process begins again for the next Fiscal Year.



The Agency also has a long-term strategy to ensure the fiscal resiliency of the Agency. The Agency's dynamic long-term forecasting plan is updated annually to reflect the new budget assumptions as well as the constantly evolving economic context in which the Agency operates. The long-term financial plan incorporates the operational budget as well as the Five-year Capital Improvement Plan to ensure prudent and disciplined financial decisions are being made well in advance of any adverse conditions or impacts to the Agency's cash flows.

REVIEW AND CONTROL



The budget is a management tool intended to aid in the planning efforts of the Agency and to serve as a control in expenditures to ensure the fiscal health and financial future of the Agency. When managed properly, public trust is developed and maintained. To aid in the management of the budget, certain “rules” or “controls” have been established that require appropriate levels of approval on the expenditure of Agency funds as well as reporting requirements of financial information to the Board and the public.

Once the budget is approved, financial statements are issued to report the results of implementation, which include the budget amounts to measure the performance, efficiency, and planning. This report is provided to both the Personnel, Finance, Security and Technology Committee of the Board monthly, as well as to the full Board on a quarterly basis and provides a check and balance of the expenditure of public funds.

In addition to reporting the results of operations each month, spending limits have been established in the Agency Purchasing Policy as follows:

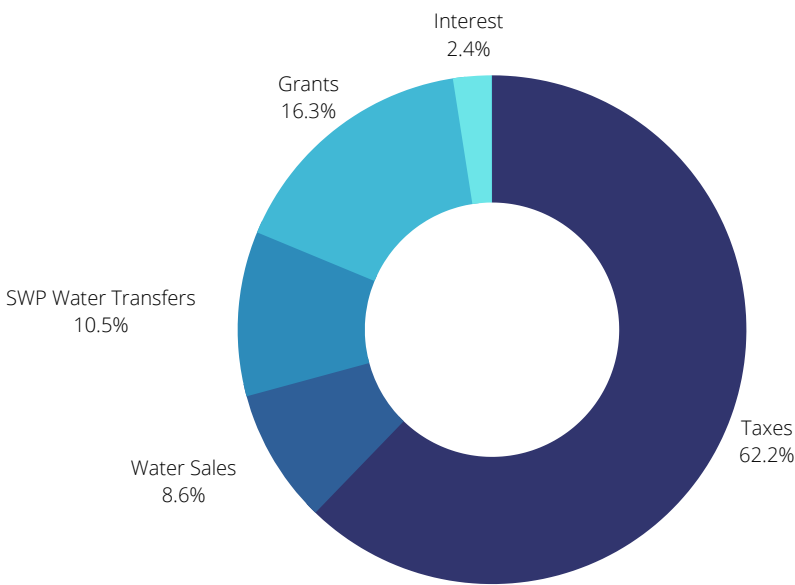
- Over \$ 25,000 Requires Board approval
- Over \$ 15,000 Requires General Manager approval
- Over \$ 2,000 Requires either Assistant General Manager or Chief Financial Officer approval
- Over \$ 1,000 Requires approval of a Department Manager
- Up to \$ 1,000 Requires approval of any exempt employee.

Once the budget is adopted, managers are expected to stay within the constraints of the departmental budgets submitted. Line items in the department budget can be modified during the year; however, the total departmental budget cannot be exceeded without the Chief Financial Officer and General Manager’s approval.

In addition, the budget provides the annual authorization for employee pay. The Fiscal year 2022/2023 Budget includes a 2% adjustment in pay ranges (increasing potential future pay, not to be confused with actual pay raises), and a merit pool amount of 5% that will be allocated to employees based on performance. The amount will be reviewed upon the completion of the ongoing classification and compensation study which commenced in the winter of 2021 and is expected to be completed in the summer of 2022. In addition, employees now contribute 100% of their share of Cal PERS retirement benefits.

ANALYSIS OF REVENUE AND EXPENSES

FY22-23 REVENUE BUDGET (IN THOUSANDS)

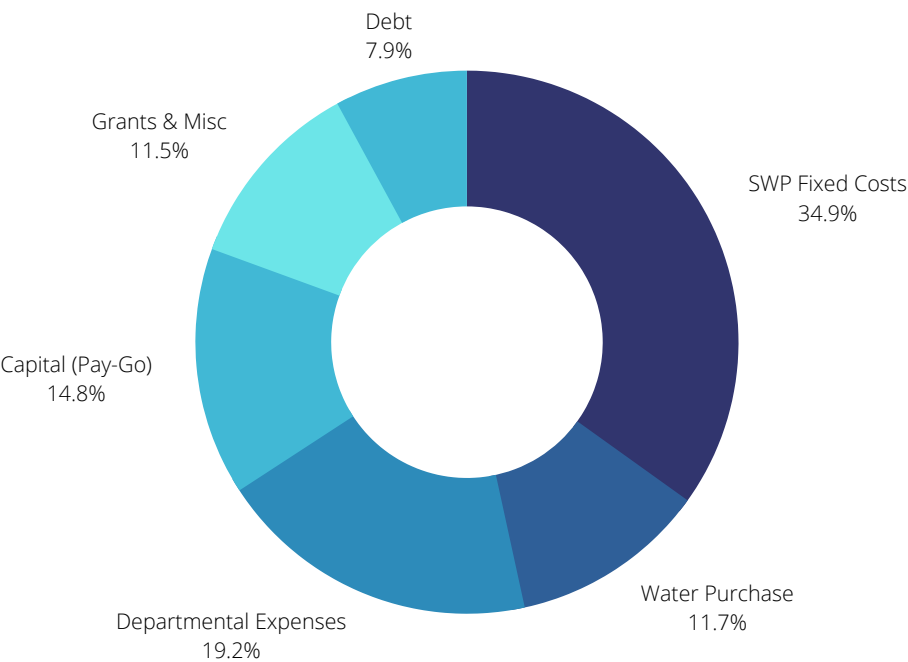


Revenue projections are very positive for the next fiscal year. Tax receipts are expected to grow by more than 8% next year.

Taxes, being the greatest source of revenue, account for an year-over-year increase of nearly \$4 million dollars. Water sales are anticipated to increase slightly as water pumping is anticipated to grow. Water sales growth is dampened by the decrease in the reliability charge portion of water rates to help maintain affordability. SWP water transfers, being highly volatile are estimated at the five year average, but accuracy is highly dependent on hydrology and other factors that are nearly impossible to predict. The Agency is seeing an influx in outside funding for infrastructure and drought resiliency for which every opportunity is being explored.

Agency spending is anticipated to increase next year. The most substantial increase is in capital spending, which has a high dollar value fluctuation from year to year. Many projects are anticipated to be funded by outside funding sources. The State Water Project costs are anticipated to increase as infrastructure continues to age and need increased maintenance and capital payments are compounding as the State Water Project contract extension is pending full implementation.

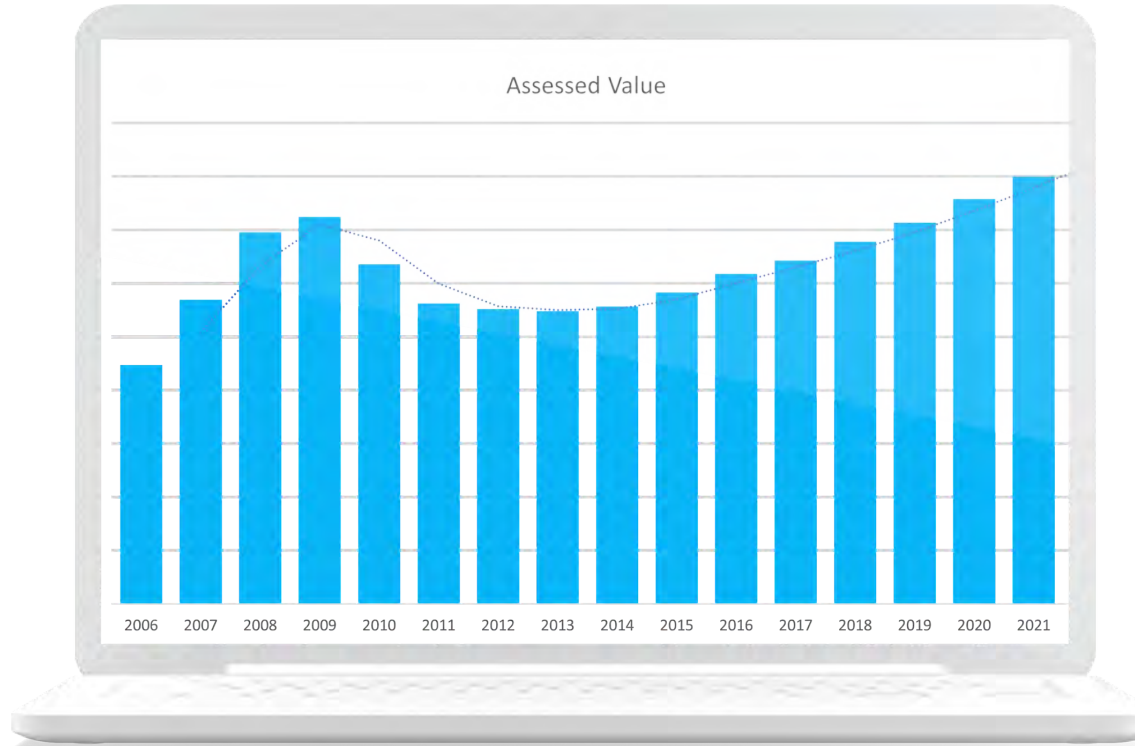
FY22-23 EXPENSE BUDGET (IN THOUSANDS)



TAX REVENUE

Assessed values (AV) (which drives tax revenues) have rebounded since the great recession and are projected to rise for now.

With tax revenue dominating the Agency's revenue, MWA uses subject matter experts from University of California Riverside, Dr. Thornberg operating as Beacon Economics as well as HdL Coren & Cone.



The combined expertise in tax receipt forecasting led the Agency to use a nearly 9% increase when forecasting tax revenue for the next fiscal year. This is a steep increase, but, the revenue figures are substantiated with data. The longer-term future valuation remains highly uncertain and will likely defy any historical trends. Factors such as the economic impact of stimulus, inflation, and property values of the High Desert are issues being watched on the horizon.

From the UCR Center for Economic Forecasting's report for Mojave Water Agency:

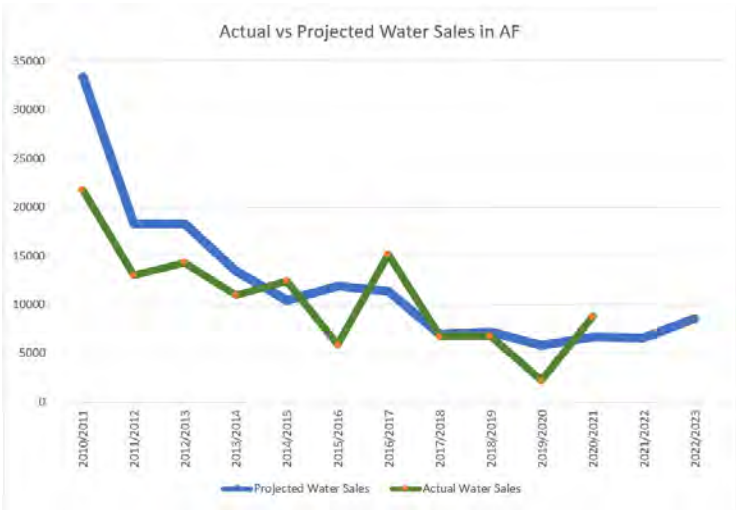
The UCR Center for Economic Forecasting's outlook for the Mojave Water Agency's Assessed Valuation is substantially upgraded from [the] last report. Still, despite the strong increase in home prices, we do not expect the same degree of sustained growth in AV as occurred in the runup to the Great Recession. The reasons are numerous including anticipation that there will be a substantial slowing of home price growth after 2022. Equivalently, the surge in local home prices has not led to a major increase in building permits or home sales as was the case prior to the Great Recession. Because of Prop-13, this implies that less of the increase in prices will show in the AV base. It should also be noted that the still uncertain impacts from the excessive degree of stimulus in the economy has added to the expected variance in [the] forecast.

WATER SALES

Water sales are projected to moderately increase in the next fiscal year as pumping is projected to increase and the overall water rate was decreased by nearly 7 percent.

MWA sets water rates based on pumping estimates and the amount and debt payments. Water sales have two primary components, the base variable amount and the reliability charge.

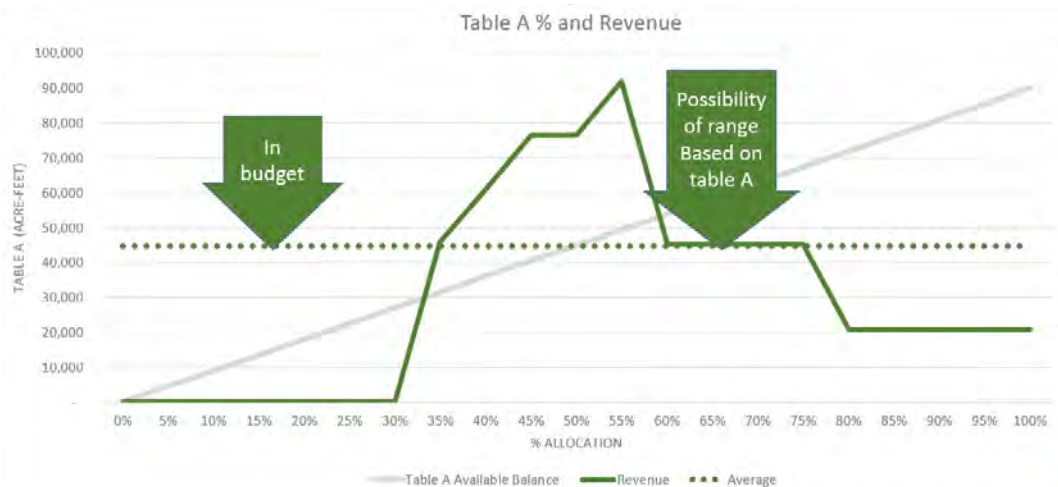
Pumping estimates determine the revenue requirements to offset the DWR transportation variable amounts. Debt payments are the dividend of projected pumping that set the reliability charge amount.



WATER TRANSFERS & EXCHANGE

In addition to water sales, the Agency executed the water transfer amendment with the DWR to be able transfer water in excess of local demand. For budgeting purposes, an estimated average of \$8 Mil. in revenue was included. The amount is based on an average for multi-year water transfers and does not include annual water transfers executed at the discretion of the Board for years where annual allocation is less than 35%.

The water transfer actual amount received varies widely. In FY 21/22 the amount received was in excess of \$23 M compared to the prior year with \$0 M in revenue. Due to the volatility of the revenue stream, the Agency uses the financial strategic plan to ensure financial resiliency with the large swings in revenue.



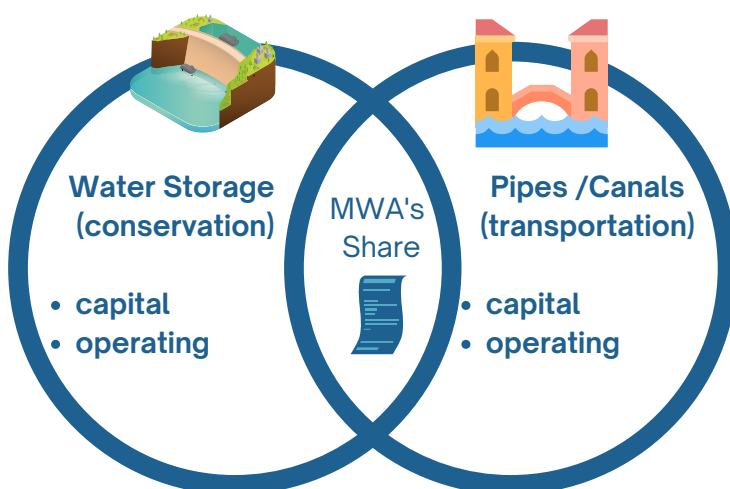
STATE WATER PROJECT

THE STATE WATER PROJECT: FRESH WATER CALIFORNIA CAN COUNT ON

The State Water Project is a collection of 700 miles of canals, pipelines, reservoirs and hydroelectric power facilities that deliver water flowing from high in the Sierra Nevada mountains all the way to your tap. Two of every three Californians receives water from the State Water Project, which provides high-quality drinking water to 27 million Californians, 750,000 acres of farmland and businesses throughout the state. This complex water grid is the largest state-owned and operated water delivery system in the world, and drives California's quality of life and economic vitality.



STATE WATER PROJECT FIXED COSTS



The Statement of Charges is the annual bill from the Department of Water Resources to pay for the Agency's portion of water rights, or water entitlements, often referred to as Table A. Mojave Water Agency has rights to 89,800 acre-feet per year. Each calendar year, the Department of Water Resources determines the annual allocation. As of March 2022, the allocation amount for all contractors was 5%, or 4,490 acre-feet.

While the Agency has stored water in carryover from the San Luis reservoir and local storage, these back-to-back low allocation years are a cause for concern for other areas of the State. Prudent decisions have enabled the Agency to continue to meet local demands with confidence.

State Water Project Fixed Costs (continued)

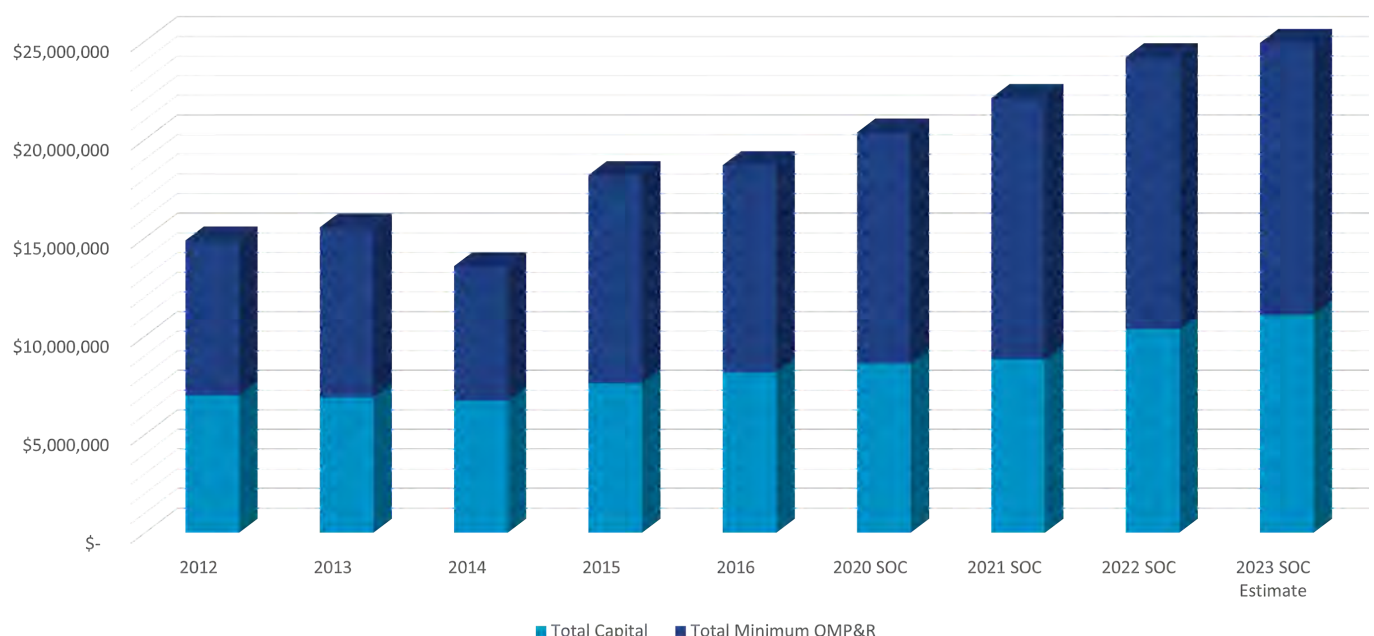
The State Water Project is a large utility, with aging infrastructure, a large workforce and massive issues like subsidence and increasing power costs, has similar struggles to the Agency - and those issues are intertwined. The best available estimates show fixed costs for maintenance to be increasing at a rate of 5% a year and capital costs to be increasing at 7% a year. This does not include the Agency's participation in the Delta Conveyance Project, which is an additional investment of \$2.08 million in FY22/23.

The increasing costs for the State Water Project and the drought are an issue for affordability among all of the State Water Contractors. The State Water Contractors, including the Agency, work with the Department of Water Resources

to advocate for financial management practices that recognize the affordability challenges that impact our service area as well as come up with solutions or information to help us prepare for what is to come.

The main cost drivers for the State Water Project increases have been largely driven by the Oroville emergency spillway repairs as well as new incidental take permit (ITP) requirements. The Agency continues to be actively engaged at the state level in order to be able to proactively managed foreseeable cost increases and plan for future revenue requirements.

Statement of Charges Trends



WATER PURCHASE

With continued drought, the Agency continues to plan to ensure water is available in accordance with its purpose. For planning purposes, the Agency has added an additional drought protection program to the FY22/23 budget for \$4.9 Mil. to be used to import water for additional drought that the basin is experiencing. The potential drought protection program (planned to import 17,000 AF) is in addition to the budgeted amount to offset the costs of water sales (8,503 AF) as well as an additional pilot program is to address concerns in the Centro Basin (5,000 AF) that are high priority which requires further study.

The water purchase precise timeline and availability is being planned in conjunction with existing reliability and water import policies adopted by the Board of Directors.



GRANTS & COMMUNITY PROJECT FUNDING

The Agency is in a unique position to collaborate and administer programs that directly benefit other water agencies in our State. Mojave Water Agency serves multiple roles in receiving and redistributing funding for high priority projects in the region. As an Agency, grant funds received go towards offsetting both operational and capital costs. With the receipt of grant funds the Agency is able to leverage external funding and offset tax-payer dollars towards other expenses of the Agency. Grants also often serve to jump-start projects that have not been possible due to Agency financial constraints.

With the State-wide drought and increased awareness of the need for science-based water management approaches, the Agency has been able to secure funding from the Department of Water Resources Urban and Multi-benefit Drought Relief Funding for Agency projects as well as regional entities.

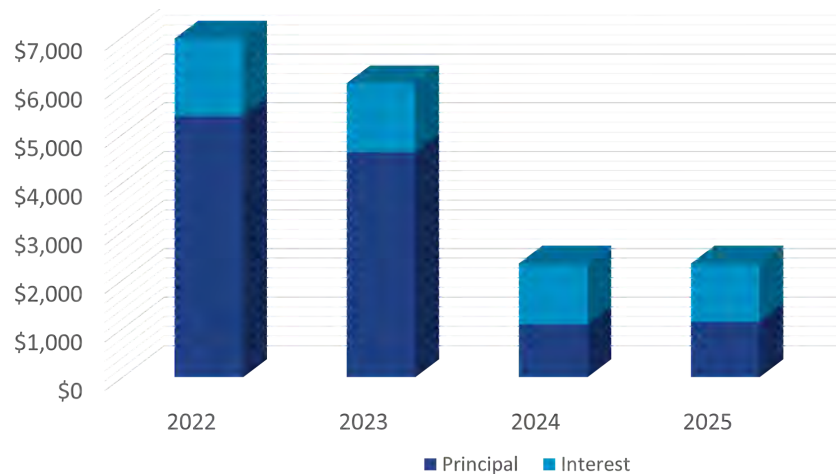
Grant Description	FY22/23 Capital Expenses	FY22/23 Operating Expenses
Bureau Of Reclamation Grant Matching		150,000
USGS National Groundwater Monitoring Network Grant		129,000
IRWM Lahontan Proposition 1 Pass Thru Grants		1,199,013
IRWM Colorado Proposition 1 Pass Thru Grants		1,250,000
Colorado River Funding Area Grant - DWR Drought Disadvantage Community Involvement Implementation		434,174
Department of Reclamation - R3 Adelanto Extension Close out	503,680	
Bureau Of Reclamation Applied Science Grant		150,000
DWR Prop 1 Pass Thru (multiple projects being completed)		2,213,426
Grant writing and consulting (partially reimbursed by non-MWA grant recipients)		150,000
Colorado River Funding Area Grant - DWR Drought Grant - Lucerne (Este) recharge	202,590	
Colorado River Funding Area Grant -DWR Juniper Rivera		199,174
Colorado River Funding Area Grant - DWR Big Horn Desert View		235,000
Lahontan Funding Area - DWR Drought Grant (Travelling screen)	2,089,491	
Lahontan Funding Area - DWR Drought Grant Antelope Valley		1,599,094
Lahontan Funding Area - DWR Drought Grant Tahoe Sierra		938,644
Community Project Funding / Congressionally Directed Spending	1,000,000	
Grant Pass-Thru Subtotal		\$ 8,068,525
Agency Grant Expenses Subtotal		\$ 579,000
Capital Grant Offset (Revenue)	\$ 3,795,761	

The funding received are a part of reimbursement type grants so the timing of projects and completion may vary, however the timing of spending and receipts will match. The Agency actively pursues grant opportunities whenever they strategically align with the Agency purpose. Details of the known funding are presented in the table above.

DEBT SERVICE

The Agency has three outstanding debt issuances.

The outstanding debts are as follows:



(1) Improvement District "M" General Obligation Bonds- Morongo Basin Pipeline Extension

In 1990, a portion of the Agency voted in favor of forming Improvement District "M" and to incur bonded indebtedness for the construction of the Morongo Basin pipeline extension to bring water from the California Aqueduct in Hesperia to Yucca Valley. The outstanding debt was refunded in September of 2016, and reissued as the Improvement District M of the Mojave Water Agency, General Obligation Bonds, Election of 1990, Refunding Series 2016. The total debt service will be \$2,863,150 in fiscal year 2022/2023 with a portion of the debt collected on the tax roll from the property owners in that area and the balance collected from the project participants as follows: (a) Hi-Desert Water District - 59% (b) Joshua Basin Water District- 27% (c) Bighorn-Desert View Water Agency - 9% (d) San Bernardino County No. 70- 1% (e) Mojave Water Agency - 4%.

(2) Revenue Bond, Series 2017A

Dudley Ridge 14,000 AF Water Entitlement

In 2009, Agency issued COP's for additional 14,000 acre feet of Table A entitlement water from the Dudley Ridge Water District for a total cost of \$73.5 million, increasing the total Table A entitlement of the Agency to 89,800 (7,000 acre feet transfer in 2010, 3,000 in 2015 and the final 4,000 in 2020). The outstanding debt was refunded in July of 2017, and reissued as the Mojave Water Agency, Refunding Revenue Bonds, Series 2017A. The debt service for fiscal year 2022/2023 will be \$2,334,275.

(3) Revenue Bond, Series 2014A

Berrenda Mesa 25,000 AF Water Entitlement

In 1997, the Agency issued debt for the purchase of 25,000 acre feet of Table A entitlement from the Berrenda Mesa Water District at a total cost of \$25 million, increasing the total Table A entitlement of the Agency to 75,800 acre feet. This debt is paid with MWA 1 and 2(a) property tax revenue as approved by the courts through a validation action. The 2004 COPs were refunded in June of 2014 to reduce the annual cost, and reissued as the Mojave Water Agency, Refunding Revenue Bonds, Series 2014A. The annual debt service for Fiscal Year 2022/2023 will be \$1,702,625.

EXPENSE BUDGET DETAIL

		Acct	Description	FY 2019/20 Actual	FY 2020/21 Actual	FY2021/22 Budget	Actual YTD 2/28/22	FY 2021/22 Projected	FY 2022/23 Budget	FY 2023/24 Projection
State Water Project (Fund 600)	DWR	5215	State Water Project Minimum OMP&R	10,380,364	11,298,756	13,948,972	7,675,259	12,482,025	14,171,089	14,879,644
		1111	State Water Project Bond & Capital	7,120,494	7,473,684	9,156,738	8,915,484	9,244,425	9,156,738	10,296,327
	Other SWP	5219	SWC Member Allocation	179,388	222,145	230,000	206,511	219,390	230,000	230,000
		5221	SWC Inc Member Dues	4,790	8,221	9,000	-	8,221	9,000	9,000
		5223	Delta Conveyance Finance Authority	74,610	-	100,000	-	100,000	100,000	100,000
		5224	Delta Conveyance Planning & Design					1,530,330	2,078,226	2,645,016
		State Water Project Subtotal			17,759,646	19,002,806	23,444,710	16,797,254	23,584,391	25,745,053
Water Purchase	Water Purchase (Fund 300 & 600)	1455	Inventory	3,836,261	(328,064)	1,357,652	(290,957)	939,791	2,407,334	745,965
		5102	Drought Protection Program						4,896,000	5,238,720
		5211	COGS: Variable Trans. & Off Aqueduct	353,633	1,487,191	1,127,322	489,585	1,032,149	1,481,308	1,162,303
		Water Purchase Subtotal			4,189,894	1,159,127	2,484,974	198,628	1,971,940	8,784,642
Department Expenses	Departmental Expenses (Fund 100)		Wages & Benefits	6,060,610	5,685,221	6,792,625	4,471,524	6,101,031	7,884,318	8,120,847
			Non-Labor Expenses	4,910,391	5,193,026	7,080,245	3,993,008	5,823,470	6,893,800	7,238,490
		5610	Labor & Benefits to WM	(356,491)	(383,004)	(369,456)	(194,955)	(389,910)	(322,952)	(339,100)
		Department Expenses Subtotal			10,614,510	10,495,243	13,503,414	8,269,577	11,534,591	14,455,166
Grant & Misc	Grant Expense	5000	Grant Expense - Agency		198,796	500,000	951,000	951,000	579,000	-
		5008	Grant Expenses Pass-thru	176,468	16,335	1,625,000	506,947		8,068,525	-
		Grant Subtotal			176,468	215,131	2,125,000	1,457,947	951,000	8,647,525
	Tax Collection Exp (All Funds)	5820	General Fund	27,937	29,662	28,000	16,281	26,000	28,000	30,000
		5820	Debt Service Fund	3,508	3,699	4,000	2,024	4,000	4,000	4,000
		5820	SWP Fund	22,399	23,782	63,000	13,054	61,000	65,000	65,000
		5820	ID M	8,007	121	1,000	(3)	5,000	999	1,000
	ID M (Fund 100)	5801	IDM: 4% Debt Service Support	-	-	-		-	20,000	-
		Grant & Misc Subtotal			238,319	272,395	2,221,000	1,489,303	1,047,000	8,765,524
	Debt	ID M (Fund 800)	5850	Interest Expense	239,375	135,967	83,150	19,650	135,967	12,700
2629			Principal Pmt	2,710,000	2,780,000	2,780,000	-	2,710,000	1,905,000	-
5810			Reserve Fund Release	-	-	-	-	-	-	-
COP-Dudley Ridge (Fund 300)		5854	Interest Expense	1,436,900	1,391,713	1,344,275	561,833	1,391,713	1,294,567	1,242,358
		2624	Principal Pmt	945,000	990,000	990,000	-	945,000	1,040,000	1,090,000
COP-Berrenda Mesa (Fund 600)		5854	Interest Expense	238,592	174,800	97,625	27,417	174,800	14,042	-
		2641	Principal Pmt	1,545,000	1,605,000	1,605,000	-	1,545,000	1,685,000	-
Debt Service Subtotal			7,114,867	7,077,480	6,900,050	608,900	6,902,480	5,951,309	2,332,358	
	Capital Expenditures (Fund 100)	1120	Infrastructure	8,395,374	6,292,027	3,730,000	532,528	1,980,746	10,620,000	7,980,000
		1121	Vehicles & Equipment			310,000			478,000	75,000
		Capital Expenditures Subtotal			8,395,374	6,292,027	4,040,000	532,528	1,980,746	11,098,000
Total Expenses			48,312,610	44,299,078	52,594,148	27,896,190	47,021,148	74,799,694	60,814,570	

* Watermaster budget and actuals have been added to prior year numbers for comparison purposes

DEPARTMENTAL EXPENSES

The Agency's departments are the engine that drives MWA and all of its strategic initiatives forward. The Departmental Expenses include all staff and resources required to administer and operate the Agency.

After the adoption of the strategic staffing plan, the Agency also adopted new departments to help manage and track distinct types of work that goes on. The new Departments formed are the Board of Directors, Finance, Human Resources, Legislation and Conservation, and Water Resources- Field. The new Departments better reflect the structure that was adopted. These departments were added to the existing administration, information technology, public information, engineering, operations, water resources and Watermaster departments.

Together all of the Departments in the small but mighty organization work together to achieve the mission and objectives of the Strategic Plan. Through the strategic plan, the initiatives outlined are woven into the work plan and the required resources for the next year (i.e. the budget).

The Departmental budget also serves as a management tool to be transparent and accountable to the foundational and strategic efforts that go on each year. The Board of Directors as well as staff review the budget performance on a regular basis to ensure any changes are well thought out and identified as an impact to the budget.

Staff expenses are increased based on the merit performance evaluation system, the increasing contributions to the CalPERS system for unfunded liabilities related to pension and other post-employment benefits.



Departmental Expense Summary By Line Item Detail

Acct	Description	FY 2019/20 Actual*	FY 2020/21 Actual*	FY 2021/22 Budget*	Actual YTD 11/30/2021	FY 2021/22 Projected	FY 2022/23 Budget	FY 2023/24 Budget
5600	Salaries	4,046,277	3,719,164	4,390,073	1,490,754	3,892,524	5,149,188	5,303,664
5612	Overtime	46,498	27,669	53,500	8,188	53,583	44,750	46,093
5613	Flex Benefits Plan	553,339	618,175	726,110	273,407	649,384	850,080	875,582
5614	Payroll Taxes	127,500	119,180	147,609	54,389	131,386	175,398	180,659
5615	Misc. Benefit	29,522	30,416	37,200	13,200	31,199	37,279	38,397
5616	Workers' Compensation Expense	68,146	50,633	62,383	33,394	33,394	73,496	75,701
5618	Health Insurance - Dental/Vision	101,295	69,908	86,716	38,240	127,185	100,187	103,193
5620	Health Expense Reimb. FSA	53,130	(48)	-	15	(3,108)	-	-
5621	Retirement Contribution	190,655	174,380	220,691	80,982	200,351	258,428	266,181
5623	PERS: Employees	844,244	875,742	1,068,343	724,487	985,353	1,195,512	1,231,377
SUBTOTAL WAGES & BENEFITS		6,060,606	5,685,219	6,792,625	2,717,056	6,101,251	7,884,318	8,120,847
5900	Director Fees	112,933	96,260	150,000	37,333	113,973	158,382	166,301
5910	Dir. Flex Benefits Plan	124,121	132,158	123,970	47,681	123,970	123,970	130,169
5912	Health Insurance - Directors	5,257	7,981	9,500	4,789	11,494	8,000	8,400
5930	Director: Telephone	-	-	-	57	57	712	747
5935	Dir. Legislative Travel	2,661	-	15,000	-	2,507	15,000	15,750
5940	Dir. Travel: Conferences & Expenses	6,398	1,725	35,000	23	9,172	16,120	16,926
5960	Dir. Travel Within Boundaries	9,978	1,914	21,000	991	10,374	10,000	10,500
5617	Human Resources Relations	4,276	4,817	12,500	269	16,066	7,450	7,823
5622	OPEB	9,204	175,297	171,697	75,116	180,278	211,091	221,646
5701	Equip. Lease/Rent	35,586	35,354	40,500	8,766	28,749	38,722	40,658
5702	Safety Supplies	26,427	19,814	20,900	3,616	26,944	19,450	20,423
5703	Recruiting Expense	9,569	18,455	17,500	6,479	31,370	21,000	22,050
5704	Temporary Services	1,144	17,156	45,000	18,195	18,195	44,500	46,725
5705	Building Maintenance	138,565	89,686	162,300	60,616	174,838	202,520	212,646
5706	Utilities	963,137	875,195	1,186,820	331,485	919,380	985,185	1,034,444
5708	Postage & Mailing Costs	6,872	3,688	6,000	221	4,045	5,000	5,250
5709	Office Supplies & Expenses	28,344	21,430	35,000	11,532	23,406	35,000	36,750
5710	Small Tools	27,848	26,302	21,300	3,027	19,845	32,300	33,915
5711	Books & Subscriptions	1,913	4,784	3,550	1,234	6,225	8,292	8,707
5712	Telephone	83,746	81,613	85,400	39,960	94,874	109,793	115,283
5713	Printing	131	1,237	10,300	-	10,300	11,682	12,266
5719	Equipment Maintenance	275,041	229,087	371,500	55,023	324,373	369,200	387,660
5720	Computer Equipment & Maintenance	60,466	92,105	70,000	11,650	66,650	57,500	60,375
5721	Data Collections	69,939	104,900	125,000	29,008	125,000	180,000	189,000
5722	Insurance	129,739	135,296	131,412	159,399	159,339	172,151	180,758
5724	Licenses/Dues & Fees	361,210	383,894	381,396	273,738	417,029	466,055	489,358
5725	Auto Expenses	89,497	114,798	110,500	43,133	120,914	134,320	141,036
5726	Travel Expenses	98,453	7,984	151,100	7,481	87,560	157,830	165,722

Departmental Expense Summary By Line Item Detail

Acct	Description	FY 2019/20 Actual*	FY 2020/21 Actual*	FY 2021/22 Budget*	Actual YTD 11/30/2021	FY 2021/22 Projected	FY 2022/23 Budget	FY 2023/24 Budget
5728	Education, Training & Conferences	49,558	52,822	79,400	14,756	60,842	123,625	129,806
5729	Consulting	700,563	1,024,300	1,407,200	306,241	1,173,775	1,229,250	1,290,713
5729-5000	Consulting - Grant Funded	176,468	144,796	-	17,975	-	-	-
5731	Legal	156,099	178,144	150,000	26,212	97,097	165,000	173,250
5732	Legislative Advocacy	151,426	151,240	160,000	58,300	151,292	182,500	191,625
5733	Audit & Accounting	32,550	23,005	37,500	25,700	33,730	63,900	67,095
5734	Environmental	-	1,897	7,000	-	7,000	5,000	5,250
5735	Water Quality	49,016	32,465	64,000	10,820	29,238	42,500	44,625
5736	Engineering, General	86,097	73,485	93,500	17,224	78,601	313,500	329,175
5737	USGS	394,490	361,185	400,000	-	400,000	450,000	472,500
5740	Water Purchases - R ³ Operational Water	13,101	12,170	14,000	-	14,000	35,000	36,750
5741	Aerial Photos	31,594	28,594	34,500	35,875	35,875	34,500	36,225
5742	Public Relations	97,751	55,148	112,000	39,292	84,962	72,100	75,705
5743	Water Conservation	225,621	211,386	458,000	62,693	458,000	470,000	493,500
5743-5000	Water Conservation - Grant Funded	-	54,000	500,000	-	-	-	-
5800	Election Costs	-	53,685	-	-	-	53,700	56,385
5801	IDM: 4% Debt Service Support	-	-	20,000	-	20,000	-	-
5810	Other Expenses	35,669	22,116	29,000	10,021	22,950	22,000	23,100
5820	County Tax Collection Fee - AD				3,447	29,181	30,000	31,500
5610	Labor & Benefits to WM	-	(383,004)	(369,456)		(389,910)	(322,952)	(339,100)
	NON-LABOR EXPENSES	4,882,458	4,780,364	6,710,789	1,859,378	5,433,560	6,570,848	6,899,390
	TOTAL DEPT EXPENSES:	10,943,064	10,465,583	13,503,414	4,576,434	11,534,811	14,455,165	15,020,237

Administration- Department # 10

Description	FY 19/20 Actual	FY 20/21 Actual	FY 21/22 Budget	Actual YTD 11/30/2021	FY 21/22 Projected	FY 22/23 Budget	FY 23/24 Budget
Dept Wages	950,876	962,983	1,144,989	360,469	759,709	774,579	797,816
Dept Overtime	487	486	500	217	500	750	773
Flex Benefits Plan	119,495	150,637	177,100	66,906	128,211	123,970	127,689
Payroll Taxes	32,897	34,399	38,341	14,890	29,035	26,058	26,840
Misc Benefit	14,522	20,908	21,600	8,446	17,446	19,238	19,815
Workers Compensation Expense	4,356	3,078	4,265	3,999	3,999	3,354	3,455
Health Insurance - Dental/Vision	39,254	18,314	22,619	11,518	25,329	14,939	15,387
Health Ins Reimb - FSA	12,684	0	-	(4)	-	-	-
Deferred Comp Contributions	45,326	44,127	59,749	20,048	40,013	41,229	42,466
PERS Retirement	182,981	226,548	221,772	124,921	161,086	203,481	209,585
TOTAL WAGES & BENEFITS	1,402,878	1,461,480	1,690,935	611,410	1,165,328	1,207,598	1,243,826
Director Fees	112,933	96,260	150,000	-	-	-	-
Dir. Flex Benefits Plan	124,121	132,156	123,970	-	-	-	-
Health Insurance - Dental/Vision	5,257	7,981	9,500	-	-	-	-
Dir. Legislative Travel	2,661	-	15,000	-	-	-	-
Dir. Travel: Conferences & Expenses	6,398	1,725	35,000	-	-	-	-
Dir. Travel Within Boundaries	9,978	1,914	21,000	-	-	-	-
OPEB	9,204	175,297	171,697	75,116	180,278	211,091	221,646
Equip. Lease/Rent	22,715	23,532	24,000	8,619	21,092	27,822	29,213
Safety Supplies	575	576	-	-	-	-	-
Recruiting Expense	-	300	-	-	-	-	-
Building Maintenance	89,684	66,248	82,000	53,123	96,838	73,520	77,196
Utilities	144,295	159,075	150,000	57,645	148,750	169,725	178,211
Postage & Mailing Costs	6,872	3,688	6,000	221	4,045	5,000	5,250
Office Supplies & Expenses	28,344	21,243	35,000	11,442	23,406	35,000	36,750
Books & Subscriptions	161	916	500	35	652	530	557
Telephone	77,449	72,790	75,000	36,331	85,796	90,893	95,438
Insurance	129,739	135,296	131,412	159,399	159,339	-	-
Licenses/Dues & Fees	78,631	77,687	82,000	58,664	81,280	83,125	87,281
Auto Expenses	1,489	2,536	2,000	47	1,404	3,620	3,801

Administration- Department # 10

Description	FY 19/20 Actual	FY 20/21 Actual	FY 21/22 Budget	Actual YTD 11/30/2021	FY 21/22 Projected	FY 22/23 Budget	FY 23/24 Budget
Travel Expenses	62,732	4,487	95,000	5,455	39,723	58,340	61,257
Education, Training & Conferences	13,327	7,546	8,100	2,973	8,302	4,950	5,198
Consulting	121,813	174,407	197,200	35,479	138,610	51,500	54,075
Legal	156,099	178,144	150,000	26,212	97,097	143,000	150,150
Audit & Accounting	32,550	23,005	37,500	25,700	33,730	-	-
Election Costs	-	53,685	-	-	-	53,700	56,385
IDM: 4% Debt Service Support	-	-	20,000	-	20,000	-	-
Other Expenses (trustee fees)	34,885	22,116	24,000	9,466	22,395	-	-
County Tax Collection Fee - AD	-	29,662	-	3,447	29,181	30,000	31,500
NON-LABOR EXPENSES	1,271,912	1,472,272	1,645,879	569,374	1,191,918	1,041,816	1,093,907
TOTAL DEPT EXPENSES	2,674,790	2,933,752	3,336,814	1,180,784	2,357,246	2,249,414	2,337,733

Board of Directors - Department #13

Description	FY 21/22	Actual YTD	FY 21/22	FY 22/23	FY 23/24
	Budget	11/30/2021	Projected	Budget	Budget
Payroll Taxes		585		2,297	2,365
TOTAL WAGES & BENEFITS	-	585	-	2,297	2,365
Director Fees	150,000	37,333	113,973	158,382	166,301
Dir. Flex Benefits Plan	123,970	47,681	123,970	123,970	130,169
Health Insurance - Dental/Vision	9,500	4,789	11,494	8,000	8,400
Director: Telephone	-	57	57	712	747
Dir. Legislative Travel	15,000	-	2,507	15,000	15,750
Dir. Travel: Conferences & Expenses	35,000	23	9,172	16,120	16,926
Dir. Travel Within Boundaries	21,000	991	10,374	10,000	10,500
NON-LABOR EXPENSES	354,470	90,874	271,547	332,184	348,793
TOTAL DEPT EXPENSES	354,470	91,459	271,547	334,480	351,158

Finance - Department #80

Description	FY 21/22	Actual YTD	FY 21/22	FY 22/23	FY 23/24
	Budget	11/30/2021	Projected	Budget	Budget
Dept Wages		40,597	243,577	439,774	452,967
Dept Overtime		-	-		-
Flex Benefits Plan		7,152	42,912	70,840	72,965
Payroll Taxes		1,311	7,866	14,808	15,252
Misc Benefit		692	4,157	6,012	6,192
Workers Compensation Expense		-	-	1,522	1,568
Health Insurance - Dental/Vision		92	2,537	8,520	8,776
Health Ins Reimb - FSA		-	-		-
Deferred Comp Contributions		2,030	12,185	21,989	22,649
PERS Retirement		3,149	18,899	35,458	36,522
TOTAL WAGES & BENEFITS	-	55,023	332,133	598,923	616,891
Books & Subscriptions		-		800	840
Insurance		-		172,151	180,758
Licenses/Dues & Fees		-		2,625	2,756
Travel Expenses		369		25,000	26,250
Education, Training & Conferences		590		5,950	6,248
Consulting		-		113,450	119,123
Audit & Accounting		-		63,900	67,095
Other Expenses				17,000	17,850
NON-LABOR EXPENSES	-	959	-	400,876	432,463
TOTAL DEPARTMENT EXPENSES	-	55,982	332,133	999,799	1,049,353

Information Technology - Department #20

Description	FY19/20	FY20/21	FY 21/22	Actual YTD	FY21/22	FY 22/23	FY 23/24
	Actual	Actual	Budget	11/30/2021	Projected	Budget	Budget
Dept Wages	106,408	104,216	102,431	40,034	169,199	339,011	349,181
Dept Overtime	13,502	8,815	15,000	3,006	15,000	15,000	15,450
Flex Benefits Plan	16,385	18,359	17,710	7,493	27,923	53,130	54,724
Payroll Taxes	3,191	3,108	3,484	1,317	5,337	11,372	11,713
Workers Compensation Expense	440	185	381	289	289	1,372	1,413
Health Insurance - Dental/Vision	2,619	2,469	2,646	1,238	4,478	6,660	6,860
Health Ins Reimb - FSA	2,317	-	-	-	-	-	-
Deferred Comp Contributions	4,962	5,089	5,122	2,195	8,660	16,951	17,460
PERS Retirement	33,535	45,380	51,395	47,479	64,444	124,683	128,423
TOTAL WAGES & BENEFITS	183,359	187,621	198,169	103,051	295,330	568,179	585,224
Small Tools	-	13	1,000	-	1,000	-	-
Books & Subscriptions	-	-	-	-	-	-	-
Computer Equipment & Maintenance	60,466	92,105	70,000	11,650	66,650	57,500	60,375
Licenses/Dues & Fees	237,590	258,620	257,100	193,934	276,439	302,680	317,814
Travel Expenses	-	-	2,000	-	2,000	9,000	9,450
Education, Training & Conferences	5,989	-	6,000	-	6,000	3,000	3,150
Consulting	81,955	77,847	150,000	30,650	89,033	90,000	94,500
Aerial Photos	21,063	19,063	23,000	25,250	25,250	23,000	24,150
NON-LABOR EXP	407,063	447,648	509,100	261,484	466,372	485,180	509,439
TOTAL DEPARTMENT EXPENSES	590,422	635,269	707,269	364,535	761,702	1,053,359	1,094,663

Public Information - Department # 30

Description	FY19/20	FY20/21	FY21/22	Actual YTD	FY21/22	FY22/23	FY23/24
	Actual	Actual	Budget	11/30/2021	Projected	Budget	Budget
Dept Wages	492,082	507,774	632,442	181,880	426,170	115,500	118,965
Dept Overtime	1,222	-	2,000	-	2,000	-	-
Flex Benefits Plan	67,757	72,058	88,550	27,927	48,357	17,710	18,241
Payroll Taxes	15,214	15,862	20,909	6,606	14,016	3,863	3,979
Misc Benefit	6,000	9,185	9,600	3,646	7,111	-	-
Workers Compensation Expense	3,390	1,786	2,363	1,541	1,541	382	393
Health Insurance - Dental/Vision	16,048	8,494	9,815	4,909	17,684	1,241	1,278
Deferred Comp Contributions	23,602	24,157	31,622	10,016	22,226	5,775	5,948
PERS Retirement	69,525	86,155	122,058	65,125	93,490	54,930	56,578
TOTAL WAGES & BENEFITS	694,840	725,471	919,359	301,650	632,595	199,401	205,383
Human Resources Relations	4,276	4,817	12,500	248	3,566	-	-
Safety Supplies	12,729	10,847	7,000	1,004	7,822	-	-
Recruiting Expense	9,569	18,155	17,500	3,694	13,870	-	-
Temporary Services	489	-	-	-	-	-	-
Books & Subscriptions	1,389	2,981	1,000	1,015	3,403	2,500	2,625
Printing	131	1,125	10,000	-	10,000	500	525
Licenses/Dues & Fees	11,608	9,465	8,000	19,670	22,521	7,125	7,481
Auto Expenses	567	700	-	-	-	-	-
Travel Expenses	12,388	427	18,300	743	9,406	6,040	6,342
Education, Training & Conferences	4,864	7,494	18,250	4,072	-	7,000	7,350
Consulting	-	-	80,000	21,808	-	25,000	26,250
Legislative Advocacy	151,426	151,240	160,000	58,300	151,292	-	-
Public Relations	97,751	55,148	112,000	39,292	84,962	72,100	75,705
Water Conservation	225,621	211,386	458,000	62,693	-	-	-
NON-LABOR EXP	532,808	527,785	1,402,550	212,539	306,842	120,265	126,278
TOTAL DEPARTMENT EXPENSES	1,227,648	1,253,256	2,321,909	514,189	939,437	319,666	331,661

Human Resources - Department #11

Description	FY21/22	Actual YTD	FY21/22	FY22/23	FY23/24
	Budget	11/30/2021	Projected	Budget	Budget
Dept Wages		24,209	145,259	227,654	234,484
Dept Overtime		-	-	-	-
Flex Benefits Plan		4,087	24,517	35,420	36,483
Payroll Taxes		815	4,895	7,629	7,858
Misc Benefit		-	-	4	4
Workers Compensation Expense		-	-	761	784
Health Insurance - Dental/Vision		43	1,198	3,997	4,117
Health Ins Reimb - FSA		(83)	(503)		-
Deferred Comp Contributions		1,210	7,255	11,383	11,724
PERS Retirement		3,114	18,684	82,510	84,985
TOTAL WAGES & BENEFITS	-	33,395	201,305	369,358	380,439
Human Resources Relations	12,500	21	12,500	7,450	7,823
Safety Supplies	7,000	50	7,000	4,700	4,935
Recruiting Expense	17,500	2,785	17,500	21,000	22,050
Books & Subscriptions		-		1,412	1,483
Printing		-		532	559
Licenses/Dues/ Fees		-		5,520	5,796
Travel Expenses		-		1,800	1,890
Education, Training & Conferences		1,135		3,000	3,150
Consulting		-		15,000	15,750
Legal				22,000	23,100
NON-LABOR EXP	37,000	3,991	37,000	82,414	63,435
TOTAL DEPARTMENT EXPENSES	37,000	37,386	238,305	451,772	443,873

Legislation and Conservation - Department #12

Description	FY21/22	Actual YTD	FY21/22	FY22/23	FY23/24
	Budget	11/30/2021	Projected	Budget	Budget
Dept Wages		14,606	87,641	220,029	226,630
Dept Overtime		-		-	-
Flex Benefits Plan		2,043	12,258	35,420	36,483
Payroll Taxes		454	2,734	7,408	7,630
Misc Benefit		415	2,485	6,000	6,180
Workers Compensation Expense		-	-	1,221	1,258
Health Insurance - Dental/Vision		27	747	4,545	4,681
Health Ins Reimb - FSA		(79)	(469)		-
Deferred Comp Contributions		730	4,375	11,001	11,331
PERS Retirement		1,132	6,787	21,407	22,049
TOTAL WAGES & BENEFITS	-	19,328	116,558	307,031	316,242
Books & Subscriptions		-		500	525
Printing		-		10,000	10,500
Licenses/Dues/ Fees		20		1,000	1,050
Travel Expenses		-		8,250	8,663
Education, Training & Conferences		691		7,250	7,613
Consulting	80,000	-	80,000	-	-
Legislative Advocacy		-		182,500	191,625
Water Conservation	458,000	-	458,000	470,000	493,500
Water Conservation - Grant			500,000	-	-
NON-LABOR EXP	538,000	711	1,038,000	679,500	713,475
TOTAL DEPARTMENT EXPENSES	538,000	20,039	1,154,558	986,531	1,029,717

Engineering - Department #40

Description	FY19/20 Actual	FY20/21 Actual	FY21/22 Budget	Actual YTD 11/30/2021	FY21/22 Projected	FY22/23 Budget	FY22/23 Budget
Dept Wages	329,226	192,054	356,819	111,805	308,320	480,119	494,523
Dept Overtime	-	-	-	-	-	-	-
Flex Benefits Plan	34,171	24,411	53,130	18,391	49,036	70,840	72,965
Payroll Taxes	10,131	5,570	11,889	3,899	10,379	15,988	16,468
Misc Benefit	3,000	-	-	-	-	-	-
Workers Compensation Expense	4,756	1,025	1,831	964	964	2,212	2,278
Health Insurance - Dental/Vision	4,331	2,395	4,904	1,687	6,832	8,048	8,289
Health Ins Reimb - FSA	3,873	16	-	(3)	(3)	-	-
Deferred Comp Contributions	15,430	8,654	17,841	6,021	15,846	24,006	24,726
PERS Retirement	75,459	14,022	32,231	11,888	31,283	82,711	85,192
TOTAL WAGES & BENEFITS	480,377	248,147	478,645	154,652	422,657	683,924	704,442
Temporary Services	-	17,156	25,000	18,195	18,195	24,500	25,725
Books & Subscriptions	-	-	-	-	-	-	-
Licenses/Dues & Fees	232	350	296	147	296	200	210
Auto Expenses	956	453	1,000	-	1,000	1,200	1,260
Travel Expenses	1,115	467	3,000	191	3,000	21,600	22,680
Education, Training & Conferences	200	1,995	2,000	835	2,000	8,295	8,710
Consulting	59,912	113,953	420,000	52,105	380,000	370,300	388,815
Engineering, General	2,793	-	-	-	-	220,000	231,000
NON-LABOR EXP	65,208	134,374	451,296	71,473	404,491	646,095	678,400
TOTAL DEPT EXPENSES	545,585	382,521	929,941	226,125	827,148	1,330,019	1,382,841

Operations - Department #50

Description	FY 19/20	FY 20/21	FY21/22	Actual	FY21/22	FY22/23	FY23/24
	Actual	Actual	Budget	YTD	Projected	Budget	Budget
Dept Wages	649,440	696,129	744,794	273,417	665,307	864,780	890,723
Dept Overtime	28,939	15,402	32,000	4,882	32,000	23,000	23,690
Flex Benefits Plan	109,669	135,053	141,680	56,307	127,827	159,390	164,172
Payroll Taxes	18,873	20,570	24,946	9,152	20,597	28,813	29,677
Misc Benefit	-	-	-	-	-	-	-
Workers Compensation Expense	29,167	26,250	32,239	16,306	16,306	36,269	37,357
Health Insurance - Dental/Vision	24,950	16,296	18,307	8,449	29,659	20,716	21,337
Health Ins Reimb - FSA							-
Deferred Comp Contributions	29,493	33,219	35,927	14,422	33,457	41,707	42,958
PERS Retirement	107,280	111,837	115,854	77,594	122,399	130,261	134,169
TOTAL WAGES & BENEFITS	997,811	1,054,756	1,145,747	460,529	1,047,552	1,304,936	1,344,084
Equip. Lease/Rent	12,871	11,822	16,500	147	7,657	10,900	11,445
Safety Supplies	12,652	8,391	11,300	2,490	9,522	9,650	10,133
Building Maintenance	48,881	23,438	80,300	7,493	78,000	129,000	135,450
Utilities	818,842	716,307	1,036,820	273,930	770,630	815,460	856,233
Small Tools	25,608	24,845	18,200	2,813	17,106	27,700	29,085
Books & Subscriptions	-	487	1,000	64	1,000	-	-
Telephone	6,297	8,823	10,400	3,629	9,078	18,900	19,845
Equipment Maintenance	272,468	226,444	364,000	47,150	316,500	349,200	366,660
Licenses/Dues & Fees	29,055	33,454	31,000	1,197	33,493	34,000	35,700
Auto Expenses	68,933	82,050	82,000	32,946	84,684	89,000	93,450
Travel Expenses	2,205	261	4,500	-	4,500	2,000	2,100
Education, Training & Conferences	5,815	1,054	10,300	1,815	10,300	8,300	8,715
Consulting	99,296	27,517	74,000	3,194	100,400	53,000	55,650
Environmental	-	1,897	7,000	-	7,000	5,000	5,250
Water Quality	49,016	32,465	64,000	10,820	29,238	42,500	44,625
Water Purchases - R ³ Operational Water	13,101	12,170	14,000	-	14,000	35,000	36,750
Other Expenses				205	205	-	-
NON-LABOR EXP	1,465,040	1,211,425	1,825,320	387,893	1,493,313	1,629,610	1,711,091
TOTAL DEPARTMENT EXPENSES	2,462,851	2,266,181	2,971,067	848,422	2,540,865	2,934,546	3,055,175

Water Resources - Department #60

Description	FY 19/20 Actual	FY 20/21 Actual	FY21/22 Budget	Actual YTD 11/30/2021	FY21/22 Projected	FY22/23 Budget	FY23/24 Budget
Dept Wages	1,039,498	760,476	977,885	244,784	499,109	1,002,823	1,032,908
Dept Overtime	317	119	-	83	83		-
Flex Benefits Plan	149,708	152,878	177,100	50,064	85,824	141,680	145,930
Payroll Taxes	32,563	24,981	33,495	8,464	16,414	33,191	34,187
Misc Benefit	6,000	323	6,000	-	-	6,015	6,195
Workers Compensation Expense	23,484	16,523	19,092	9,329	9,329	8,072	8,314
Health Insurance - Dental/Vision	20,936	14,417	19,485	7,014	24,159	15,435	15,898
Health Ins Reimb - FSA	12,934	(48)	-	396	396		-
Deferred Comp Contributions	49,240	36,232	48,894	13,540	26,260	50,141	51,645
PERS Retirement	257,927	235,855	338,908	258,408	292,143	284,058	292,580
TOTAL WAGES & BENEFITS	1,592,607	1,241,756	1,620,859	592,082	953,717	1,541,415	1,587,657
Safety Supplies	471	-	-	-	-	2,500	2,625
Temporary Services	655	-	20,000	-	-	20,000	21,000
Small Tools	2,240	1,444	500	-	500	2,500	2,625
Books & Subscriptions	334	400	1,000	-	1,000	2,500	2,625
Equipment Maintenance	2,573	2,643	-	-	-	-	-
Data Collections	69,939	104,900	15,000	340	15,000	10,000	10,500
Licenses/Dues & Fees	4,094	4,318	3,000	106	3,000	26,000	27,300
Auto Expenses	17,230	28,772	-	-	-	15,000	15,750
Travel Expenses	17,276	2,342	22,000	92	22,000	12,500	13,125
Education, Training & Conferences	19,325	33,198	17,800	1,495	17,602	49,200	51,660
Consulting	337,587	630,576	486,000	163,005	385,732	511,000	536,550
Consulting - Grant Funded	176,468	144,796	-	17,975	-	-	-
USGS	394,490	361,185	400,000	-	400,000	450,000	472,500
Other Expenses	784	-	5,000	350	350	5,000	5,250
NON-LABOR EXP	1,043,466	1,314,574	970,300	183,363	845,184	1,106,200	1,161,510
TOTAL DEPT EXPENSES	2,636,073	2,556,330	2,591,159	775,445	1,798,901	2,647,615	2,749,167

Water Resources Field - Department #61

Description	FY21/22 Budget	Actual YTD 11/30/2021	FY21/22 Projected	FY22/23 Budget	FY23/24 Budget
Dept Wages		31,542	184,797	287,034	295,645
Dept Overtime		-	-	2,000	2,060
Flex Benefits Plan		8,174	49,049	70,840	72,965
Payroll Taxes		1,046	6,386	10,378	10,689
Misc Benefit		-	-	10	10
Workers Compensation Expense		-	-	16,119	16,603
Health Insurance - Dental/Vision		69	1,914	7,351	7,572
Health Ins Reimb - FSA		(420)	(2,520)		-
Deferred Comp Contributions		1,577	9,077	14,352	14,783
PERS Retirement		2,449	14,104	47,268	48,686
TOTAL WAGES & BENEFITS	-	44,437	262,807	455,352	469,013
Safety Supplies	2,500	72	2,500	2,500	2,625
Temporary Services	-	-	-	-	-
Books & Subscriptions	-	120	120	-	-
Equipment Maintenance	7,500	7,873	7,873	20,000	21,000
Data Collections	110,000	28,668	110,000	170,000	178,500
Licenses/Dues & Fees				3,780	3,969
Auto Expenses	25,000	10,000	33,326	25,000	26,250
Travel Expenses	-	631	631	7,000	7,350
Education, Training & Conferences	12,200	1,150	11,888	21,680	22,764
Consulting				-	-
NON-LABOR EXP	158,700	48,728	167,477	251,960	264,558
TOTAL DEPT EXPENSES	158,700	93,165	430,284	707,312	733,571

Watermaster - Department #90

Description	FY 19/20 Actual	FY 20/21 Actual	FY21/22 Budget	Actual YTD 11/30/2021	FY21/22 Projected	FY22/23 Budget	FY23/24 Budget
Dept Wages	478,747	495,533	430,713	167,411	403,436	397,885	409,822
Dept Overtime	2,031	2,847	4,000	-	4,000	4,000	4,120
Flex Benefits Plan	56,154	64,779	70,840	24,862	53,470	70,840	72,965
Payroll Taxes	14,631	14,691	14,545	5,852	13,727	13,593	14,001
Workers Compensation Expense	2,553	1,786	2,212	966	966	2,212	2,278
Health Insurance - Dental/Vision	8,583	7,525	8,940	3,408	12,648	8,735	8,997
Health Ins Reimb - FSA	5,896	(16)	-	(9)	(9)		-
Deferred Comp Contributions	22,602	22,902	21,536	9,192	20,997	19,894	20,491
PERS Retirement	117,537	155,945	186,125	129,229	162,034	128,745	132,607
TOTAL WAGES & BENEFITS	708,734	765,992	738,911	340,911	671,269	645,904	665,281
Safety Supplies	-		100	-	100	100	105
Small Tools	-		100	-	100	100	105
Books & Subscriptions	29		50	-	50	50	53
Printing	-	112	300	-	300	650	683
Auto Expenses	322	287	500	126	500	500	525
Travel Expenses	2,737	-	6,300	-	6,300	6,300	6,615
Education, Training & Conferences	38	1,535	4,750	-	4,750	5,000	5,250
Engineering, General	83,304	73,485	93,500	17,224	78,601	93,500	98,175
Aerial Photos	10,531	9,531	11,500	10,625	10,625	11,500	12,075
NON-LABOR EXP	96,961	84,950	117,100	27,975	101,326	117,700	123,585
TOTAL DEPT EXPENSES	805,695	850,942	856,011	368,886	772,595	763,604	788,866

FIVE- YEAR CAPITAL IMPROVEMENT PLAN

A capital project is a project that helps maintain or improve an Agency asset or infrastructure. It includes the construction, expansion, rehabilitation or replacement for an existing facility or facilities. Projects typically exceed \$50,000 and have a useful life greater than two years, but typically greater than twenty.

CAPITAL PROJECT PLANNING

The capital planning process begins with assessing the needs of the organization. As the Agency conducts planning activities and plans such as asset management and master planning, those processes inform the specific projects outlined in the capital plan which is presented as a five-year plan. The first year of the plan is adopted by the Board and is revisited each year with any modifications.

The capital plan provides the blueprint for acquiring the infrastructure, technology, large equipment and other assets that provide critical services. By creating an effective capital improvement plan, the Agency has a strong foundation to provides direction for long-term financial planning, strategic procurement and many other processes.

CAPITAL PROJECTS TYPES



vehicles & equipment



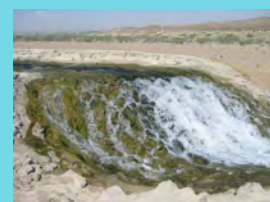
rehabilitation & replacement



technology infrastructure



facility projects



groundwater recharge & supply

Title	Capital Project Group	Project Cost	Prior to FY23 Budget	FY 23 Budget	FY 24 Budget	FY 25 Budget	FY 26 Budget	FY 27 Budget	FY 28 and Beyond Budget
Groundwater Bank Oro Grand Wash Wells & Pipeline	Basin Mgmt- Groundwater Banking	27,750,000							27,500,000
Groundwater Bank Unnamed Wash Recharge	Basin Mgmt- Groundwater Banking	5,250,000			250,000	5,000,000			
Groundwater Bank Unnamed Wash Wells & Pipeline	Basin Mgmt- Groundwater Banking	25,000,000					2,500,000	10,000,000	10,000,000
Groundwater Bank West Victorville Recharge	Basin Mgmt- Groundwater Banking	11,000,000		1,000,000	5,000,000	5,000,000			
Groundwater Bank West Victorville Travelling Moss Screen	Basin Mgmt- Groundwater Banking	7,744,000	744,000	7,000,000					
Groundwater Banking Program Evaluation	Basin Mgmt- Groundwater Banking	800,000	800,000						
Water Resources Database Solutions Software	Basin Mgmt- Groundwater Banking	185,000	155,000	30,000					
Le Panto Pipeline Replacement	Basin Mgmt- R3	350,000			350,000				
Le Panto Reservoir Replacement	Basin Mgmt- R3	600,000			600,000				
R3 Pipeline to Well #6	Basin Mgmt- R3	600,000				600,000			
Ames Reche Recharge Facility	Basin Mgmt- Recharge	900,000				500,000	400,000		
Amethyst Basin Recharge Improvements	Basin Mgmt- Recharge	500,000			500,000				
Data Monitoring Network	Basin Mgmt- Recharge	600,000		50,000	100,000	400,000			
Este Recharge Facility - Lucerne Valley	Basin Mgmt- Recharge	1,050,000		100,000	550,000	400,000			
Groundwater Bank Oeste Recharge Facility - Full scale	Basin Mgmt- Recharge	15,000,000					5,000,000	10,000,000	
Groundwater Bank Oro Grand Wash Recharge Facility	Basin Mgmt- Recharge	880,000			80,000	800,000			
Lucerne Recharge	Basin Mgmt- Recharge	325,000	-						
Newberry Springs Recharge Efficiency Increase	Basin Mgmt- Recharge	900,000					900,000		
Oeste Recharge Facility Feasibility Investigations & Testing	Basin Mgmt- Recharge	550,000	450,000	100,000					
Oeste Recharge Permanent Turnout	Basin Mgmt- Recharge	5,000,000				500,000	5,000,000		
Oeste Small Scale Recharge Facility	Basin Mgmt- Recharge	800,000		500,000	300,000				
Regional Recharge Geotech	Basin Mgmt- Recharge	80,000	80,000						
Camera System Upgrade/Replacement	Facility Project - Repair & Replacement	90,000		90,000					
Johnson Valley Surge Tank Air Compressors	Facility Project - Repair & Replacement	130,000		130,000					
Lucerne Valley Pump Station Rehabilitation	Facility Project - Repair & Replacement	640,000				640,000			
Morongo Basin Pipeline Isolation Valve Replacement	Facility Project - Repair & Replacement	385,000		370,000					
Newberry Springs Corrosion Protection	Facility Project - Repair & Replacement	450,000		450,000					
Newberry Springs Pipeline Replacement	Facility Project - Repair & Replacement	100,000		100,000					
SCADA Network and Server Update	Facility Project - Repair & Replacement	400,000	400,000						
SCADA Upgrade	Facility Project - Repair & Replacement	700,000	400,000	300,000					
R3 Adelanto Pipeline & Trunk Extension	Facility Project- other	6,374,330	6,374,330						
Wireless Network Upgrade/Replacement	Information Technology/Software	50,000		50,000					
Facilities Master Plan	Planning/Study	700,000		350,000	350,000				
Purchase of dump trailer with two roll off bins	Vehicle and Equipment	50,000		50,000					
Purchase of Heavy Duty Service Truck (8008)	Vehicle and Equipment	280,000		280,000					
Purchase of New Service Truck	Vehicle and Equipment	68,000		68,000					
Replace 2013 Ford F150 (8008)	Vehicle and Equipment	75,000					75,000		
Replace 2006 Expedition (8004)	Vehicle and Equipment	75,000			75,000				
Replace Ford 2010 F-150	Vehicle and Equipment	75,000				75,000			
Replace Water Resources 2014 Ford F150	Vehicle and Equipment	75,000						75,000	
Replace Water Resources Truck (8001)	Vehicle and Equipment	80,000		80,000					
Weather Stations	Vehicle and Equipment	150,000	150,000						
		\$ 117,101,330	\$ 9,593,330	\$ 11,098,000	\$ 8,455,000	\$ 14,215,000	\$ 14,175,000	\$ 20,375,000	\$ 37,800,000

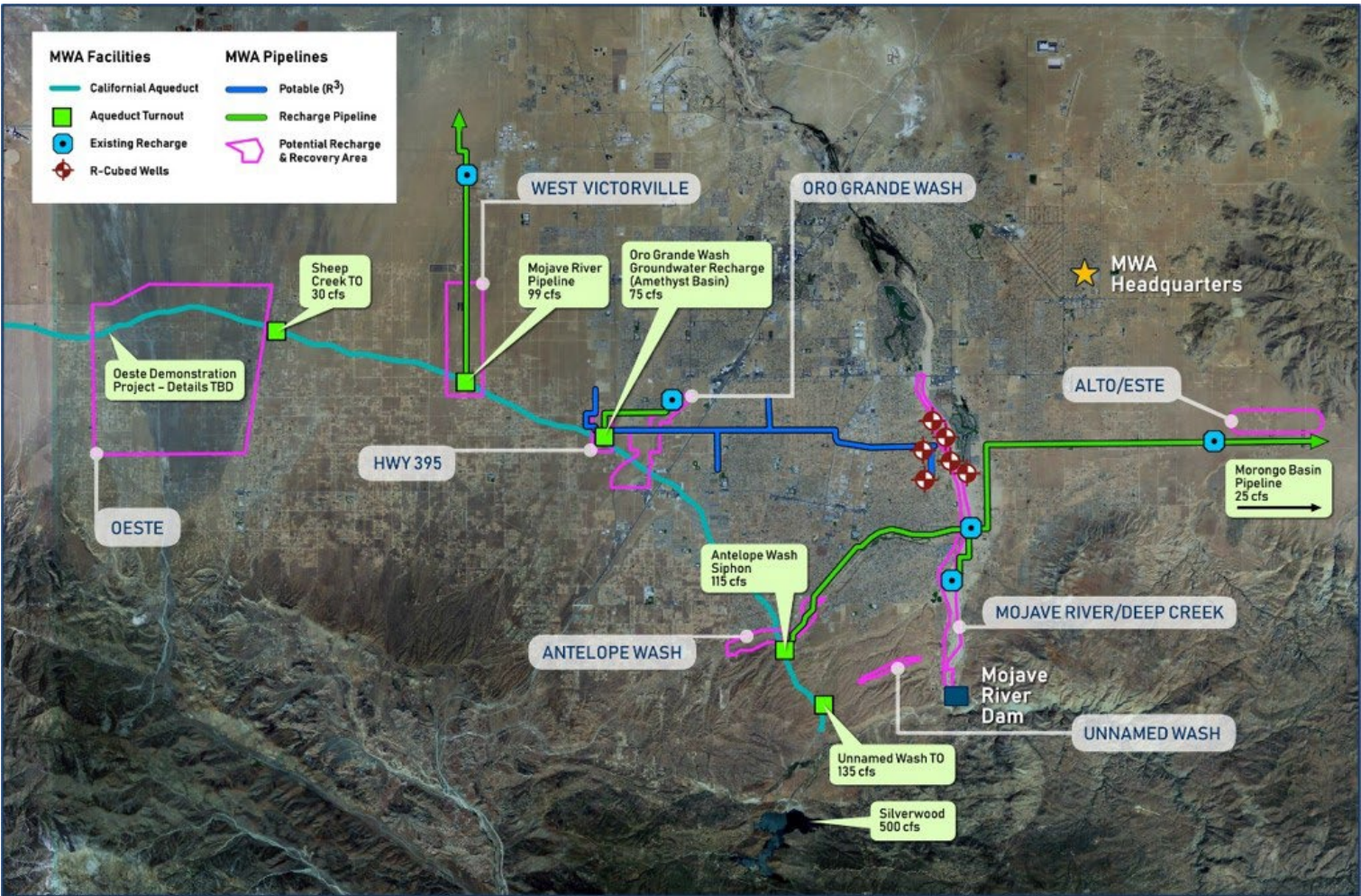
CAPITAL PROJECT DETAIL

Groundwater Banking Program Evaluation

Project Number: 0446

Scope: This project is investigating the feasibility of a regional water bank for MWA. Regional water banking has the potential to provide a source of revenue and imported water to the Agency. If deemed feasible this project will then outline what the optimal program would be. This would include transfer and exchange agreements, water storage agreements, water market conditions, revenue projections and infrastructure requirements.

Before FY22/23	FY22/23	FY23/24	FY24/25	FY25/26	FY26/27	After FY27/28
\$800,000						



Groundwater Bank West Victorville Travelling Moss Screen

Project Number: 0538

Scope: Water banking has been identified to develop alternative/additional sources of revenue which will ensure the Agency will be able to fulfil its mission long-term. The West Victorville water bank area will be developed as the first phase of the upcoming MWA Groundwater Bank. This phase of the project will be built along the existing and underutilized Mojave River Pipeline just North of the California Aqueduct. The Water bank has been broken into several phased recharge and extraction banking areas to distribute the financial burden to the capital budget over several years which will also help to alleviate localized water quality issues. This project will utilize existing turn out and pipeline infrastructure to realize significant cost savings to the Agency. The project will provide “leave behind” water to local aquifers, provide significant water quality benefits, and increase drought resiliency to both the MWA and regional banking partners.



The Mojave River Pipeline does not have a debris screen at the turnout. All other MWA aqueduct facilities do. Groundwater Recharge Basins in the West Victorville water banking area will clog quicker and require more maintenance without debris screening. This project will install a moss screen at the turnout to remedy this situation.

Before FY22/23	FY22/23	FY23/24	FY24/25	FY25/26
\$744,000	\$7,000,000			

Groundwater Bank West Victorville Recharge

Project Number: 0550

Scope: This project would construct a recharge facility with pump back in the West Victorville area to import State Water Project water as well as to pump back stored water to manage volatility and be more drought resilient. This will include design, CEQA, NEPA, permitting, bid services, test wells and design engineering for the recharge facilities.

Before FY22/23	FY22/23	FY23/24	FY24/25	FY25/26	FY26/27	After FY27/28
	\$1,000,000	\$5,000,000	\$5,000,000			

Oeste Recharge Facility Feasibility Investigations & Testing

Project Number: 0449

Scope: This project will construct a Demonstration recharge project in Oeste to meet legacy and near-future replacement obligations in the Oeste Subarea. This phase includes hydrogeologic feasibility investigations and environmental work. The work conducted to test the subsurface will lead to the further recharge infrastructure also planned in the Five-Year Capital Improvement Plan.

Before FY22/23	FY22/23	FY23/24	FY24/25	FY25/26	FY26/27	After FY27/28
\$450,000	\$100,000					

Oeste Small Scale Recharge Facility

Project Number: 0449

Scope: This project will construct a recharge facility on already owned land in Phelan, which is a part of the Oeste subarea for the Mojave Watermaster. The recharge project will enable the subarea to meet legacy and near-term replacement obligations in the sub-area. This area is a high priority recharge location due to the absence of other recharge in the subarea and the need for a facility to do so. The recharge of imported water will enable drought resilience for future area residents. A temporary turnout will be developed to accomplish recharge activities over a limited timeframe. The development of a permanent turnout is included in a separate capital improvement project.

Before FY22/23	FY22/23	FY23/24	FY24/25	FY25/26	FY26/27	After FY27/28
	\$500,000	\$300,000				

Oeste Recharge Permanent Turnout

Project Number: 0568

Scope: Current footprint with oversized permanent turnout.

Before FY22/23	FY22/23	FY23/24	FY24/25	FY25/26	FY26/27	After FY27/28
			\$500,000	\$500,000		

Groundwater Bank Oeste Recharge Facility - Full scale

Project Number: 0526

Scope: This project will expand recharge activities and add new recovery wells in Oeste to meet future replacement obligations in the Oeste Subarea as well as develop groundwater banking capacity. This project includes land acquisition and the construction of new recharge basins and recovery wells in the western portion of Oeste along the East Branch of the California Aqueduct.

Before FY22/23	FY22/23	FY23/24	FY24/25	FY25/26	FY26/27	After FY27/28
				\$5,000,000	\$10,000,000	



BASIN MGMT – RECHARGE & BANKING

Groundwater Bank Oro Grand Wash Recharge Facility

Project Number: 0551

Scope: The Oro Grande Wash recharge will be built around the existing and underutilized Amethyst Basin Recharge Facility. Utilizing existing turn out and pipeline infrastructure will realize significant cost savings to the Agency. The project will provide “leave behind” water to local aquifers, provide significant water quality benefits, and increase drought resiliency.

Before FY22/23	FY22/23	FY23/24	FY24/25	FY25/26	FY26/27	After FY27/28
		\$80,000	\$800,000			

Groundwater Bank Oro Grand Wash Wells & Pipeline

Project Number: 0570

Scope: Groundwater bank infrastructure will be constructed to drill, equip and construct pipeline to facilitate the return of banked water to the SWP for use by regional banking partners.

Before FY22/23	FY22/23	FY23/24	FY24/25	FY25/26	FY26/27	After FY27/28
						\$27,500,000

Groundwater Bank Unnamed Wash Recharge

Scope: The Unnamed Wash recharge will be built around the existing and underutilized SWP facilities. The project will provide “leave behind” water to local aquifers, provide significant water quality benefits, and increase drought resiliency.

Before FY22/23	FY22/23	FY23/24	FY24/25	FY25/26	FY26/27	After FY27/28
		\$25,0000	\$5,000,000			

Groundwater Bank Unnamed Wash Wells & Pipeline

Scope: Groundwater bank infrastructure will be constructed to drill, equip and construct pipeline to facilitate the return of banked water to the SWP for use by regional banking partners.

Before FY22/23	FY22/23	FY23/24	FY24/25	FY25/26	FY26/27	After FY27/28
				\$2,500,000	\$10,000,000	\$10,000,000

Este Recharge Facility - Lucerne Valley

Project Number: 0565

Scope: Upgrade the existing low-capacity Este Groundwater Recharge to a larger-capacity facility that will meet the area recharge needs for the the foreseeable future. This project has been tentatively awarded Urban and Multibenefit Drought Relief funding from the State of California.

Before FY22/23	FY22/23	FY23/24	FY24/25	FY25/26	FY26/27	After FY27/28
	\$100,000	\$550,000				

Data Monitoring Network

Project Number: 0560

Scope: This project will increase the security of the existing MWA Monitoring Network and expand to fill in regional data gaps. This will include monitoring wells, weather stations, stream gages, land purchase, easements, etc... for long-term monitoring and data collection for WM and WR Basin Management.. The first year is to identify and prioritize monitoring wells by risk of failure and impact to data collection efforts and continuity.

Before FY22/23	FY22/23	FY23/24	FY24/25	FY25/26	FY26/27	After FY27/28
	\$50,000	\$100,000	\$400,000			



FACILITIES REPAIR AND REPLACEMENT

Ames Reche Recharge Facility

Project Number: 0562

Scope: Relocate the current Ames Reche Recharge facility out of Pipes Wash into a secured/fenced MWA-Owned parcel free from onerous permit requirements. Move recharge out of pipes wash from regulated environmentally sensitive area to MWA-owned land without regulatory restrictions
Construction would include: fencing, earthwork to construct recharge basins, and construction of piping modifications to existing facilities.

Before FY22/23	FY22/23	FY23/24	FY24/25	FY25/26	FY26/27	After FY27/28
			\$500,000	\$400,000		

Newberry Springs Recharge Efficiency Increase

Project Number: 0555

Scope: This project will retrofit the western basin of the existing facility in Newberry Springs with auger grid of holes with clean sand to increase the recharge rate which is preventing taking advantage of recharge events and water imports due to runoff from the existing facility. The project will provide increased drought resiliency with the increased efficiency of the rehabilitated facility.

Before FY22/23	FY22/23	FY23/24	FY24/25	FY25/26	FY26/27	After FY27/28
				\$900,000		

Morongo Basin Pipeline Isolation Valve Replacement

Project Number: 0555

Scope: This project would replace a 30" inline isolation valve on the Morongo Basin Pipeline. This valve isolates the portion of the Morongo Basin pipeline, from the Rock Springs/Deep Creek area to the Lucerne Valley and other downstream facilities. This valve currently leaks by and does not allow for a "drip-tight" seal when performing needed shut downs for scheduled and unscheduled maintenance resulting in potentially having to drain more of the pipeline when repairs or emergencies require a shut down.

Before FY22/23	FY22/23	FY23/24	FY24/25	FY25/26	FY26/27	After FY27/28
	\$370,000					

Johnson Valley Surge Tank Air Compressors

Project Number: 0556

Scope: This project is to replace the two air compressors that are used to fill the surge tanks at the Johnson Valley Pump Station with the appropriate amount of air at all times. This will include instrumentation that will allow the air compressors to run automatically to maintain pressure within the tanks to specific setpoints. The current issue with these compressors is that they cannot run continuously to charge the surge tanks to the desired setpoint without causing a fault and tripping the circuit breaker. Instead the compressors must be manually operated on-site to adjust tank pressure.

Before FY22/23	FY22/23	FY23/24	FY24/25	FY25/26	FY26/27	After FY27/28
	\$130,000					

Newberry Springs Pipeline Replacement

Project Number: 0557

Scope: Due to the corrosion identified on the Mojave River Pipeline, Reach 4B, this project replaces a short section of pipe in need of replacement, approximately 400' of 20" cement mortar lined and coated (CMLC) steel pipe.

Before FY22/23	FY22/23	FY23/24
	\$100,000	

Newberry Springs Corrosion Protection

Project Number: 0558

Scope: Current testing results have shown that additional corrosion protection may be required on this pipeline segment on the Mojave River Pipeline (Newberry Springs Reach 4B). There is no corrosion protection on this reach and with no protection, corrosion will continue to degrade the pipeline. Corrosion protection would include the installation of an impressed current system and/or sacrificial anodes. The scope and cost includes an estimated three rectifiers and anode wells with design.

Before FY22/23	FY22/23	FY23/24	FY24/25	FY25/26	FY26/27	After FY27/28
	\$450,000					



Lucerne Valley Pump Station Rehabilitation

Project Number: 0569

Scope: The Lucerne Valley Pump Station is one of two pump stations necessary to flow imported water to the Morongo Basin pipeline. There is no redundancy for the pump station in operation in Johnson Valley because components from the Lucerne Valley pump station have been taken to keep the Johnson Valley pump station operational. This project is the first phase of refurbishing the pump station which includes evaluating the equipment and rehabilitating.

Before FY22/23	FY22/23	FY23/24	FY24/25	FY25/26	FY26/27	After FY27/28
			\$640,000			

INFORMATION SYSTEMS & HARDWARE

Water Resources Database Solutions Software

Project Number: 0542

Scope: This project is the Continuation of the Water Resources Data Management System. This project will securely and efficiently store vast quantities of scientific data necessary for the Agency's mantra of "science based decision making." These data are used in basin management scientific studies and Watermaster documents submitted to the court in support of the Mojave Basin Adjudication.

Before FY22/23	FY22/23	FY23/24	FY24/25	FY25/26	FY26/27	After FY27/28
\$155,000	\$30,000					

Wireless Network Upgrade/Replacement

Project Number: 0546

Scope: Replacement of existing Wireless Network Infrastructure do to aged and outdated network performance and standards.

Before FY22/23	FY22/23	FY23/24	FY24/25	FY25/26	FY26/27	After FY27/28
	\$50,000					

Camera System Upgrade/Replacement

Project Number: 0561

Scope: Upgrade existing camera system to current standards, and expand camera coverage area. Also replace the camera management system with a supported system. (Current system no longer manufactured or supported).

Before FY22/23	FY22/23	FY23/24	FY24/25	FY25/26	FY26/27	After FY27/28
	\$90,000					

SCADA Upgrade

Project Number: 0520

Scope: With the construction of R3 and Oro Grande Wash Projects, a new SCADA system has been installed which can be expanded to incorporate the Morongo Basin and Mojave River Pipelines. The SCADA system on the Morongo Pipeline was installed in 2000 and the Mojave River Pipeline’s initial installation began in 1997. Both SCADA systems have equipment that is no longer supported by the manufacturer(s) and need to be updated and/or replaced. Both systems will be migrated to the existing R3 ClearScada software, which will control and monitor the Mojave River and Morongo Basin pipelines. The SCADA system upgrade is required to maintain water deliveries to customers and ensure safe operation of facilities.

Before FY22/23	FY22/23	FY23/24	FY24/25	FY25/26	FY26/27	After FY27/28
\$400,000	\$300,000					

SCADA Network and Server Update

Project Number: 0554

Scope: Upgrade vulnerable server and virtual infrastructure from unsupported and unpatched server operating systems, SCADA management software, and network hardware to versions currently supported, patched, and hardened against intrusions.

Before FY22/23	FY22/23	FY23/24
\$400,000		



Newberry Springs Recharge Efficiency Increase

Project Number: 0555

Scope: This project will retrofit the western basin of the existing facility in Newberry Springs with auger grid of holes with clean sand to increase the recharge rate which is preventing taking advantage of recharge events and water imports due to runoff from the existing facility. The project will provide increased drought resiliency with the increased efficiency of the rehabilitated facility.

Before FY22/23	FY22/23	FY23/24	FY24/25	FY25/26	FY26/27	After FY27/28
				\$900,000		

Amethyst Basin Recharge Improvements

Project Number: 0564

Scope: This project will retrofit the western basin of the existing facility in Amethyst Basin with auger grid of holes with clean sand to increase the recharge rate which is preventing taking advantage of recharge events and water imports due to runoff from the existing facility. The project will provide increased drought resiliency with the increased efficiency of the rehabilitated facility.

Before FY22/23	FY22/23	FY23/24	FY24/25	FY25/26	FY26/27	After FY27/28
		\$500,000				

BASIN MGMT - R3

Le Panto Pipeline Replacement

Project Number: 0539

Scope: The existing R3 Facilities utilize a 30” pipeline from the Le Panto Reservoir to Turnout #6. This pipeline is currently leased from the City of Victorville. The Agency is planning on designing and constructing a new connecting pipeline from the Le Panto reservoir site to turnout #6 so the leased pipeline can be reincorporated back into the Victorville water delivery facilities.

Before FY22/23	FY22/23	FY23/24	FY24/25	FY25/26	FY26/27	After FY27/28
		\$350,000				

Le Panto Reservoir Replacement

Project Number: 0540

Scope : The existing R3 Facilities utilize a 5 MG reservoir (Le Panto) Reservoir. This reservoir is currently leased from the City of Victorville. The Agency is planning on designing and constructing a new reservoir/pump station so the leased Le Panto Reservoir can be reincorporated back into the Victorville water delivery facilities.

Before FY22/23	FY22/23	FY23/24	FY24/25	FY25/26	FY26/27	After FY27/28
		\$600,000				

R3 Pipeline to Well #6

Project Number: 0541

Scope: R3 Well #6 is located on the east side of the Mojave River and currently serves Liberty Utilities (Apple Valley). Preliminary design work is being completed for connecting this well with a pipeline to the west side of the river R3 facilities to maximize the use of this well site.

Before FY22/23	FY22/23	FY23/24	FY24/25	FY25/26	FY26/27	After FY27/28
			\$600,000			

VEHICLES & EQUIPMENT

Purchase of New Service Truck

The current Water Resources truck has reached the end of its life and is no longer safe and reliable for the required field work and needs to be replaced.

FY22/23	FY23/24	FY24/25
\$68,000		

Purchase of Heavy Duty Service Truck (8008)

This service truck is to replace an existing service truck in the Operations department. This truck will be a larger, more heavy duty truck to allow for safe and adequate hauling of tools and materials needed in the Operations department to perform daily maintenance and repairs.

FY22/23	FY23/24	FY24/25
\$280,000		

Purchase of dump trailer with two roll off bins

Scope: These bins will provide additional storage for aggregates and other debris/materials.

FY22/23	FY23/24	FY24/25
\$50,000		

Replace Water Resources Truck (8001)

Scope: The WR F350 is worn out and needs to be replaced with a new heavy duty truck for monitoring program maintenance.

FY22/23	FY23/24	FY24/25	FY25/26	FY26/27	After FY27/28
\$80,000					



Replace 2006 Expedition (8004)

Scope: The 2006 Expedition is worn out and needs to be replaced. WR needs a capable 4x4 vehicle for field studies and touring the Agency service area.

Before FY22/23	FY22/23	FY23/24	FY24/25	FY25/26	FY26/27	After FY27/28
		\$75,000				

Replace Ford 2010 F-150

Scope: Projected replacement of vehicle based to be evaluated on condition in Fiscal Year prior to replacement.

Before FY22/23	FY22/23	FY23/24	FY24/25	FY25/26	FY26/27	After FY27/28
			\$75,000			

Replace 2013 Ford F150 (8008)

Scope: Projected replacement of vehicle based to be evaluated on condition in Fiscal Year prior to replacement.

Before FY22/23	FY22/23	FY23/24	FY24/25	FY25/26	FY26/27	After FY27/28
				\$75,000		

Replace Water Resources 2014 Ford F150

Scope: Projected replacement of vehicle based to be evaluated on condition in Fiscal Year prior to replacement.

Before FY22/23	FY22/23	FY23/24	FY24/25	FY25/26	FY26/27	After FY27/28
					\$75,000	

Mojave Water Agency Salary Plan
July 1, 2022

Salary Schedule Effective July 1, 2022

Classification	Salary Range	Annual				Monthly				Bi-Weekly				Hourly			
		Bottom	Mid	Top	Max *	Bottom	Mid	Top	Max *	Bottom	Mid	Top	Max *	Bottom	Mid	Top	Max *
Office Assistant	6	38,336.90	44,726.38	53,671.66	59,038.82	3,194.74	3,727.20	4,472.64	4,919.90	1,474.50	1,720.25	2,064.29	2,270.72	18.43	21.50	25.80	28.38
Account Clerk	10	42,316.76	49,369.55	59,243.47	65,167.81	3,526.40	4,114.13	4,936.96	5,430.65	1,627.57	1,898.83	2,278.59	2,506.45	20.34	23.74	28.48	31.33
Administrative Assistant																	
Pump Maintenance Technician	18	51,558.86	60,152.01	72,182.41	79,400.65	4,296.57	5,012.67	6,015.20	6,616.72	1,983.03	2,313.54	2,776.25	3,053.87	24.79	28.92	34.70	38.17
Senior Accounting Technician																	
Water Resources Specialist I																	
Water Systems Operator I																	
Watermaster Specialist I																	
Water Resources Data Analyst I																	
Senior Administrative Assistant	22	56,911.34	66,396.56	79,675.87	87,643.46	4,742.61	5,533.05	6,639.66	7,303.62	2,188.90	2,553.71	3,064.46	3,370.90	27.36	31.92	38.31	42.14
Water Resources Specialist II																	
Water Systems Operator II																	
Watermaster Specialist II																	
GIS Technician																	
Accountant	27	64,389.96	75,121.62	90,145.94	99,160.53	5,365.83	6,260.13	7,512.16	8,263.38	2,476.54	2,889.29	3,467.15	3,813.87	30.96	36.12	43.34	47.67
Public Information Specialist																	
Water Resources Planning Analyst I																	
Senior Water Resources Specialist	28	65,999.70	76,999.66	92,399.59	101,639.55	5,499.98	6,416.64	7,699.97	8,469.96	2,538.45	2,961.53	3,553.83	3,909.21	31.73	37.02	44.42	48.87
Senior Watermaster Specialist																	
Water Systems Operator, Senior																	
Network Administrator	31	71,074.46	82,920.21	99,504.25	109,454.67	5,922.87	6,910.02	8,292.02	9,121.22	2,733.63	3,189.24	3,827.09	4,209.80	34.17	39.87	47.84	52.62
Senior CAD Systems Technician																	
GIS Analyst																	
Senior Accountant	33	74,672.61	87,118.04	104,541.65	114,995.82	6,222.72	7,259.84	8,711.80	9,582.98	2,872.02	3,350.69	4,020.83	4,422.92	35.90	41.88	50.26	55.29
Water Resources Data Analyst II																	
Water Resources Planning Analyst II																	
Assistant Engineer																	
Executive Assistant	34	76,539.42	89,295.99	107,155.19	117,870.71	6,378.29	7,441.33	8,929.60	9,822.56	2,943.82	3,434.46	4,121.35	4,533.49	36.80	42.93	51.52	56.67
Senior Water Resources Data Analyst	39	86,597.33	101,030.22	121,236.27	133,359.89	7,216.44	8,419.19	10,103.02	11,113.32	3,330.67	3,885.78	4,662.93	5,129.23	41.63	48.57	58.29	64.12
Senior Water Resources Planning Analyst																	
Water Resources Hydrogeologist																	
Database Program Administrator	40	88,762.27	103,555.98	124,267.17	136,693.89	7,396.86	8,629.66	10,355.60	11,391.16	3,413.93	3,982.92	4,779.51	5,257.46	42.67	49.79	59.74	65.72
Water Systems Operator Supervisor																	
Water Resources Supervisor																	
	44	97,976.93	114,306.42	137,167.71	150,884.48	8,164.74	9,525.54	11,430.64	12,573.71	3,768.34	4,396.40	5,275.68	5,803.25	47.10	54.96	65.95	72.54
Water Conservation and Forecast Manager																	
Senior Hydrogeologist/Engineer	45	100,426.36	117,164.08	140,596.90	154,656.59	8,368.86	9,763.67	11,716.41	12,888.05	3,862.55	4,506.31	5,407.57	5,948.33	48.28	56.33	67.59	74.35
Senior Hydrogeologist																	
Senior Engineer																	
Imported Water Resources Specialist																	
	47	105,510.44	123,095.51	147,714.62	162,486.08	8,792.54	10,257.96	12,309.55	13,540.51	4,058.09	4,734.44	5,681.33	6,249.46	50.73	59.18	71.02	78.12
Accounting Manager																	
Finance Manager																	
Human Resources Manager																	
Public Information Officer																	
Senior Legislative and Conservation Manager																	
	53	122,359.76	142,753.06	171,303.67	188,434.04	10,196.65	11,896.09	14,275.31	15,702.84	4,706.14	5,490.50	6,588.60	7,247.46	58.83	68.63	82.36	90.59
Information System Manager																	
Senior Project Manager/Engineering																	
Controller																	
Water Resources Principal Hydrogeologist																	

Mojave Water Agency Salary Plan
July 1, 2022

Classification	Salary Range	Annual				Monthly				Bi-Weekly				Hourly			
		Bottom	Mid	Top	Max *	Bottom	Mid	Top	Max *	Bottom	Mid	Top	Max *	Bottom	Mid	Top	Max *
Director of Community Outreach and Cultural Relations Director of Operations Superintendent of Operations Watermaster Services Manager Imported Water and Engineering Manager	59	141,899.81	165,549.78	198,659.74	218,525.71	11,824.98	13,795.82	16,554.98	18,210.48	5,457.69	6,367.30	7,640.76	8,404.84	68.22	79.59	95.51	105.06
Chief Financial Officer Director of Basin Management and Resource Planning Director of Engineering	61	149,083.49	173,930.74	208,716.89	229,588.57	12,423.62	14,494.23	17,393.07	19,132.38	5,733.98	6,689.64	8,027.57	8,830.33	71.67	83.62	100.34	110.38
Assistant General Manager Director Engineering & Operations	67	172,891.14	201,706.33	242,047.60	266,252.36	14,407.60	16,808.86	20,170.63	22,187.70	6,649.66	7,757.94	9,309.52	10,240.48	83.12	96.97	116.37	128.01
General Manager	75	210,651.07	245,759.58	294,911.50	324,402.65	17,554.26	20,479.97	24,575.96	27,033.55	8,101.96	9,452.29	11,342.75	12,477.02	101.27	118.15	141.78	155.96

* Non-Compounding compensation: this is earned each year. Following the annual performance evaluation, employees increase or decrease in pay will be determined based on the performance evaluation score percent multiplied by the Top of the range. NOTE: Any current employee, as of November 17, 2017, whose new pay range results in a reduction of salary from their current range will retain the salary under the Grade and Rate Range schedule adopted July 1, 2017.