

FISCAL YEAR *Mojave Water Agency* **2020-21** **ANNUAL BUDGET**

Our Mission

To manage the region's water resources for the common benefit to assure stability in the sustained use by the citizens we serve

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BUDGET

Fiscal Year

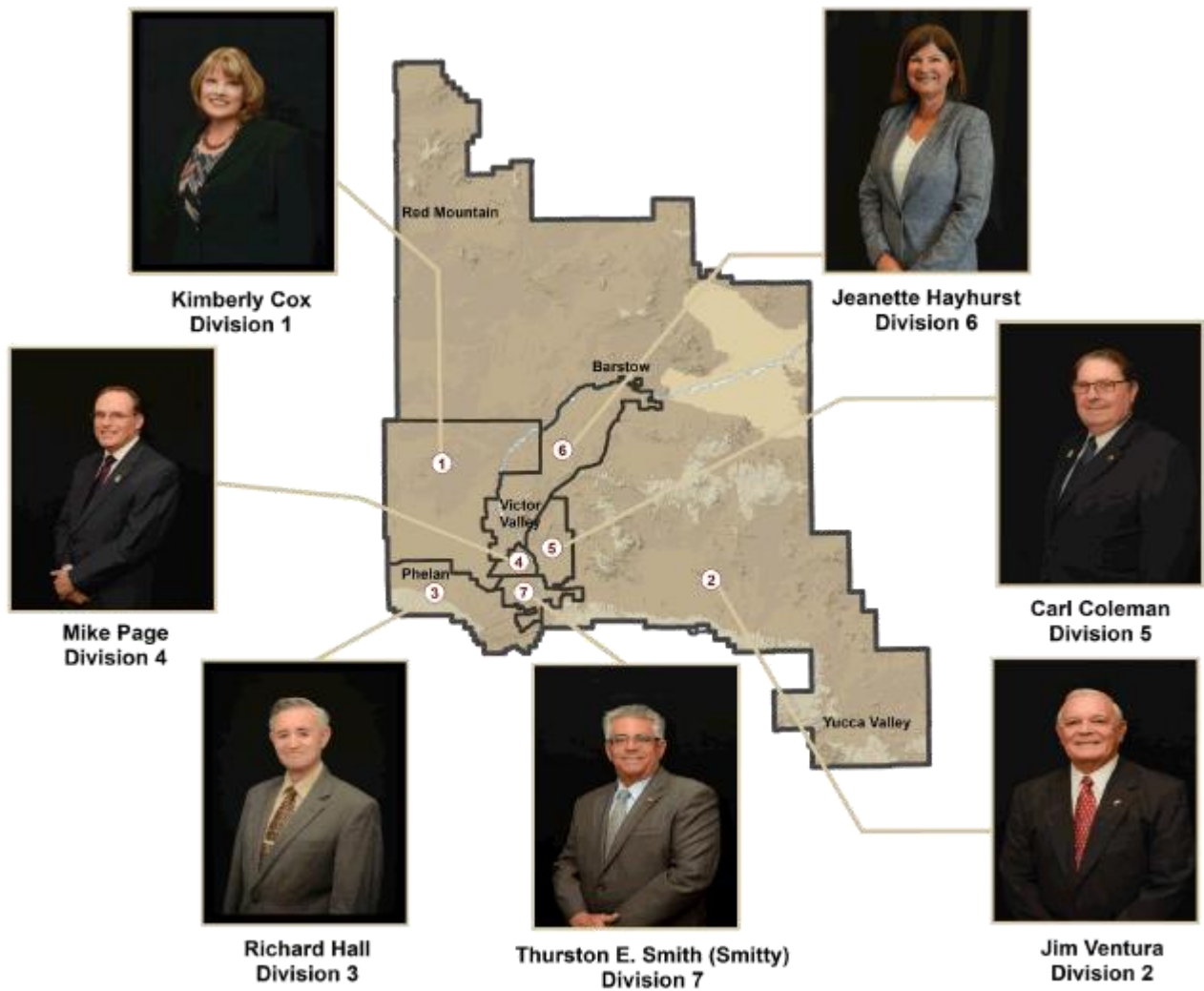
2020/2021

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Mojave Water Agency

Fiscal Year 2020 - 2021 Budget

Board of Directors



LETTER OF INTRODUCTION

Members of the Board of Directors:

On behalf of the Mojave Water Agency, I am pleased to present for your consideration our Fiscal Year 2020-2021 Operating and Five-Year Capital Project budgets. The Agency is currently facing many challenges in helping to stabilize the future economies of the communities we serve. Dwindling water supplies due to climate change and environmental protections, increasing costs, aging infrastructure, and impending retirements are challenges we must be prepared for in the upcoming years. This budget has been prepared to manage these risks in the volatile world we face in stabilizing our water future.

Among the Agency's challenges is volatility in available water from our imported supply from the State Water Project. Over the last several years, allocations of water from the State Water Project have varied from a low of just 5% of the Agency's contracted Table A amount to upwards of 85% in extremely wet years. These extremes are expected to continue into the future and the Agency must be prepared to take advantage of high allocation years in order to reduce reliance on supplies from the Delta during times of stress resulting from low allocation years, or in years where water may not be available due to climate change and/or levee failure.

There is also risk in our imported water supply long term reliability. The Delta Conveyance Project is one of many projects aimed at addressing not just volatility in available water supplies to address environmental protections at the pumps in the South Delta, but also rising sea levels due to climate change. Additionally, a changing political and policy environment puts continued pressure on the ability of the State Water Project to deliver water as legal challenges and new and changing policies and opinions delay the progress of important water delivery projects while increasing costs.

Locally, aging infrastructure continues to challenge our level of service to be ready and available to take advantage of water deliveries in larger volumes when it is available from the State Water Project. The Agency has been experiencing more frequent failures of parts of the system increasing the need for maintenance and updates. An Asset Management Plan anticipated to be completed within two years will help identify critical needs and aid in planning for future repair and replacement.

The Agency also faces a "silver tsunami" as planned retirements require training and knowledge transfer to remaining or new staff. The Agency also needs to be prepared to offer a competitive compensation package to attract the next generation of talent in a highly competitive job market. Maintaining a highly qualified staff, coupled with updating existing technologies and databases, will ensure a strong foundation for scientific based decision making for years to come.

Finally, meeting all these challenges costs money. Increasing costs from our contract with the Department of Water Resources for State Water Project water, planning for future facilities in the Agency to deal with a growing population, volatility in water supplies, as well as repair and replacement of existing infrastructure comes at a cost. The Agency will need to be creative in how we plan and prepare for those expenditures and develop partnerships and revenue streams necessary to stabilize the future economies of the citizens we serve.

The FY 2020-2021 budget addresses many of these challenges. It provides for continued engagement with the Department of Water Resources to help anticipate future cost increases, as well as prepare for the costs associated with the Delta Conveyance Project- a much needed project to help protect our investment in the State Water Project and provide for the economic stability of the communities we serve. Locally, the Agency is beginning a Water Banking Evaluation program that will help to mitigate the volatility in our water supply, while bringing in additional revenues. Also, further development of an Asset Management program will provide valuable data on the current condition of our existing facilities and the cost to maintain those facilities. This initiative is of great importance as it will help shape decision-making as it relates to future cost issues facing the Agency.

These challenges will require strategic planning, maximum utilization of Agency staff and resources, collaboration with stakeholders, continued engagement at the state level, vision, and leadership. The Agency's foundation is strong, and I am confident much can be accomplished.

I would like to thank the Board of Directors for your leadership and prudent fiscal management that has positioned the Agency to meet the challenges in the coming years.

Sincerely,

A handwritten signature in black ink, appearing to read "Kathy A. Cortner". The signature is fluid and cursive, with the first name "Kathy" being more prominent.

Kathy Cortner
Interim General Manager

PROPOSED FISCAL YEAR 2020/2021 BUDGET

	FY 2019/2020 Budget	FY 2019/2020 Projected	Variance Fav (Unfav)	FY 2020/2021 Budget	Budget vs.Budget Variance	FY 2021/2022 Budget
Beginning Cash Reserves	\$ 85,399,628	\$ 91,295,862	\$ 5,896,234	\$ 87,852,674	\$ 2,453,046	\$ 86,907,664
<u>Revenues</u>						
Water Sales (net of Reliability Assessment)	3,135,270	2,875,970	(259,300)	2,654,230	(481,040)	2,582,724
Reliability Assessment	1,994,790	1,450,610	(544,180)	2,220,380	225,590	2,007,655
SWP Water Transfers	3,820,000	-	(3,820,000)	5,069,000	1,249,000	-
MWA 1 - 11.5¢	11,546,399	11,811,686	265,287	12,160,018	613,619	12,676,819
MWA 2 (a) 3¢	11,244,086	11,451,622	207,536	11,907,016	662,930	12,472,600
MWA 2 (b) 2.5¢	9,370,072	9,522,044	151,972	9,922,514	552,442	10,393,833
General Property Tax	6,773,324	7,132,133	358,809	7,741,590	968,266	8,089,961
ID M Property Tax Assessment	3,195,128	3,162,925	(32,203)	-	(3,195,128)	-
ID M Debt Service Support	814,938	-	(814,938)	-	(814,938)	814,938
Interest	1,259,962	1,310,248	50,286	1,212,406	(47,556)	1,216,753
Grants	1,614,247	1,614,247	-	4,909,802	3,295,555	-
Miscellaneous	22,000	22,000	-	22,000	-	22,000
Total Revenues	\$ 54,790,216	\$ 50,353,485	\$ (4,436,731)	\$ 57,818,956	\$ 3,028,740	\$ 50,277,283
<u>Expenditures</u>						
DWR Min OMP&R	10,743,370	10,871,112	(127,742)	12,003,796	(1,260,426)	12,603,986
DWR Bond and Capital	8,721,313	8,571,252	150,061	8,936,379	(215,066)	9,561,926
SWC Member Allocation	230,000	230,000	-	230,000	-	230,000
Delta Conveyance	100,000	100,000	-	100,000	-	100,000
Tax Collection Exp	104,000	104,000	-	109,000	(5,000)	109,000
Water Purchases	2,075,240	4,116,616	(2,041,376)	2,037,588	37,652	2,013,715
Departmental Expenses	12,245,327	11,512,925	732,402	12,820,723	(575,396)	13,077,138
Agency Grant Expenses	1,328,000	1,055,294	272,706	1,150,000	178,000	-
Pass-through Grant Expenses	1,274,791	1,274,791	-	2,050,000	(775,209)	1,050,000
ID M	2,854,375	2,854,375	-	2,845,967	8,408	2,863,150
Dudley Ridge	2,336,900	2,336,900	-	2,336,713	187	2,334,275
Berrenda Mesa	1,713,592	1,713,592	-	1,719,800	(6,208)	1,702,625
Capital	4,379,000	9,055,816	(4,676,816)	12,424,000	(8,045,000)	11,060,000
Total Expenditures	\$ 48,105,908	\$ 53,796,673	\$ (5,690,765)	58,763,966	\$ (10,658,058)	56,705,815
A/R & A/P Adj.		\$ -				
Ending Cash Reserves	\$ 92,083,936	\$ 87,852,674	\$ (4,231,262)	\$ 86,907,664	\$ (5,176,272)	\$ 80,479,132

Background

Mojave Water Agency was formed by popular vote in 1960, when residents, concerned about the overdraft of the region's aquifers, agreed to become part of the State Water Project (SWP) and secure a source of supplemental water for the region. Section 1.5 of the Mojave Water Agency Law states that:

"...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 land and inhabitants of the agency..."

The Agency's adopted mission, which is very similar, reads: *"to manage the region's water resources for the common benefit to assure stability in the sustained use by the citizens we serve."*

California's economy is slowly recovering from the devastating effects of the Great Recession and financial crisis of 2007-08. The housing market is experiencing a gradual rebound in sales of new and existing homes, including many of the homes that had fallen into foreclosure due to sub-prime lending practices. Overall, properties are experiencing an appreciation in value and are forecasted to recover to post-recession valuations in the next few years. This is having a positive effect on the Agency's major source of revenue, property taxes, used to pay for the costs of the State Water Project system as well as overall administration of the Agency. Fortunately, because of past fiscal conservatism, the Agency was able to weather through the past economic downturn. Recent economic indicators are predicting that the Agency will continue to see a steady recovery in its property tax revenue base for the foreseeable future. As we look forward, assessed values are forecasted to slowly continue to increase with no indications of another housing bubble on the horizon. These projections are provided by Beacon Economics, which the Agency has contracted with to provide long-term valuation forecasts, as well as HdL Coren & Cone who provide a short-term outlook more specific to the Agency's service area.

Budget Preparation

In order to better prepare for meeting present and future water demands, Mojave Water Agency adopted its Strategic Plan in 2006 and the Integrated Water Resources Plan in 2006, which the Agency revisits each year and updates as part of the budget preparation. Over the past several years, the Agency carried out the projects identified in the 2006 Water Management Plan. The Agency is coming out of a capital intensive period and is now planning projects identified in the recent 2014 Integrated Regional Water Management Plan.

The Strategic 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 primary purpose of the Strategic Plan is to provide the framework and focus for the Agency that will facilitate the organization fulfilling its legislative mandate – *"...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 land and inhabitants of the agency..."* 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, including "Key Elements" or concepts, management plans, and programs that require action by the Agency. The Integrated Water Resources Plan sets out the major initiatives necessary to assure stability in the sustained water use by the citizens we serve. The plans and major initiatives that are necessary to carry out this goal are the foundation for the capital projects included in the budget now and into the next five year's planning efforts.

Linking important objectives with necessary resources requires a process that identifies Goals and Key Elements of those goals at the very beginning of the budget process. For this reason, each year the budget process begins with reassessment of the Key Elements and confirming that all the projects in progress and planned truly reflect the goals of the Agency and the Board of Directors, which reflect the needs of the Stakeholders and Community, and reflect any fiscal constraints revealed through the budget process.

The goals identified in the Strategic Plan are:

- Goal 1: Develop sound fiscal and organizational policies that allow the Agency to be effective, innovative and responsive.
- Goal 2: Manage SWP entitlement to meet future demands while maintaining independence during periods of water shortages.
- Goal 3: Coordinate efforts to maintain adequate water quality so that groundwater is safe for drinking and other beneficial uses.
- Goal 4: Develop public awareness so that individuals and stakeholder organizations support our efforts and understand their role in contributing to the Agency's mission.
- Goal 5: Advance understanding of basin hydrogeology to support efficient management of water resources.
- Goal 6: Promote efficient use of the region's water resources through regional conservation programs.

Major Key Elements identified as necessary in achieving the goals above and included in this years' budget are listed in the sections titled "Capital Projects" and "Departmental Initiatives/Budgets".

Review & 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.

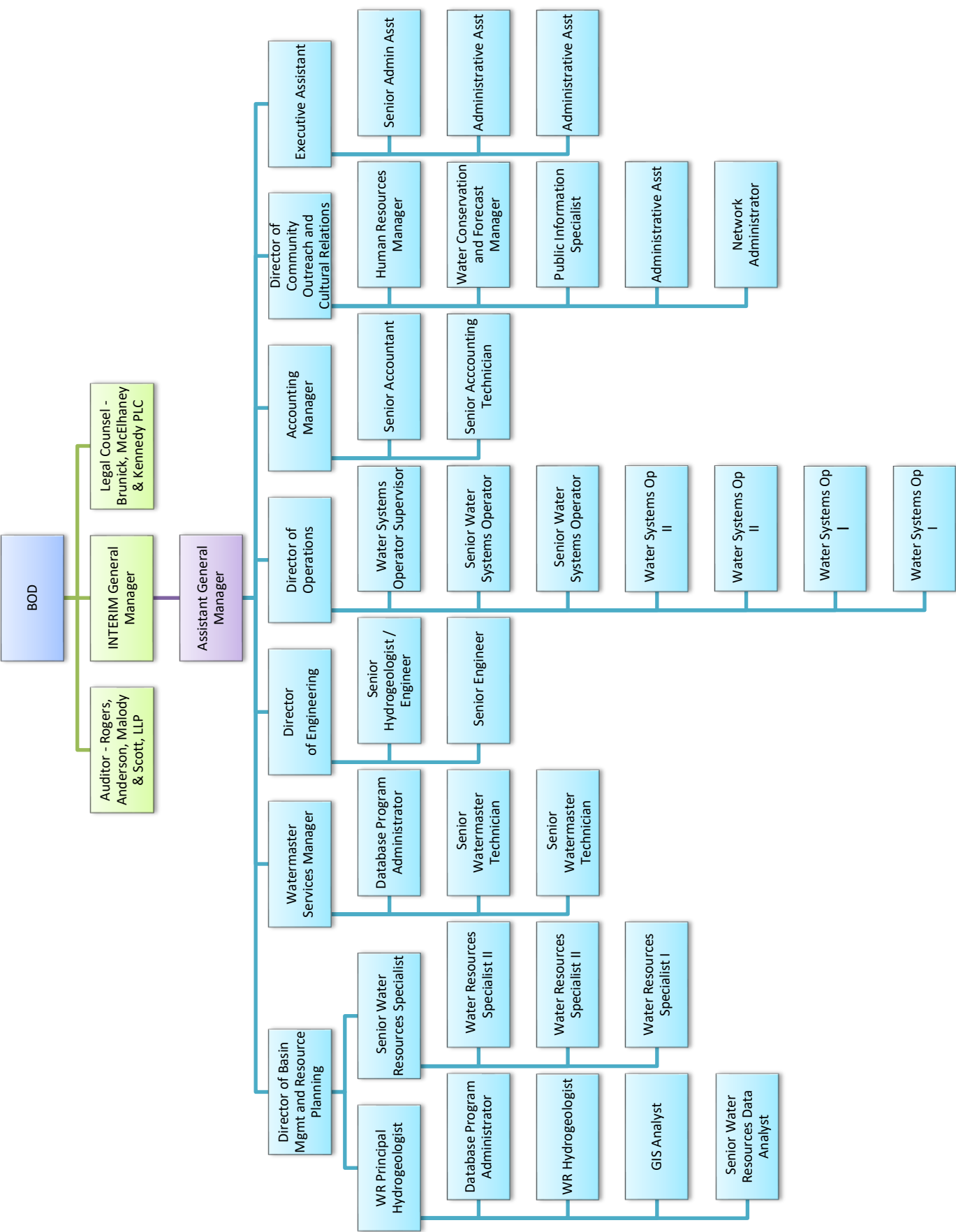
Once the budget is approved, financial statements are issued to report the results of operations, which include the budget amounts to measure the performance, efficiency, and planning. This report is provided to both the Personnel, Finance & Security Committee of the Board on a monthly basis, as well 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 Director of Engineering, Director of Operations, Information Systems Manager, Community Liaison Officer, Watermaster Services Manager, or the Executive Assistant to the General 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 they 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 2020/2021 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. In addition, employees now contribute 100% of their share of Cal PERS retirement benefits. The following page includes the organization chart for the Fiscal Year 2020/2021.





ANALYSIS OF REVENUES AND EXPENDITURES

Financial Direction

The 2019/2020 fiscal year marked the completion of those projects carried out in the 2006 Integrated Regional Water Management Plan. The financial direction of the agency has now shifted into a new phase of study, planning, and design. The Agency continues to plan its response to the 2014 Integrated Regional Water Management Plan priorities. In addition, a number of challenges are facing the Agency that will be part of the dialogue and priority setting over the next several years and these actions are reflected in the FY 2020/2021 budget. Some of the challenges identified by management are the following:

- Greater Pressures on MWA relating to Land Use
- Cost and timing of the Delta fix to MWA
- A greater emphasis on water quality
- Inevitability of rising water costs
- An increasingly competitive Grant arena
- The 2014 Urban Water Management Plan
- Groundwater Regulation
- Groundwater Storage Policy
- Continued trend of greater water efficiencies and conservation efforts
- Greater Expectations out of MWA

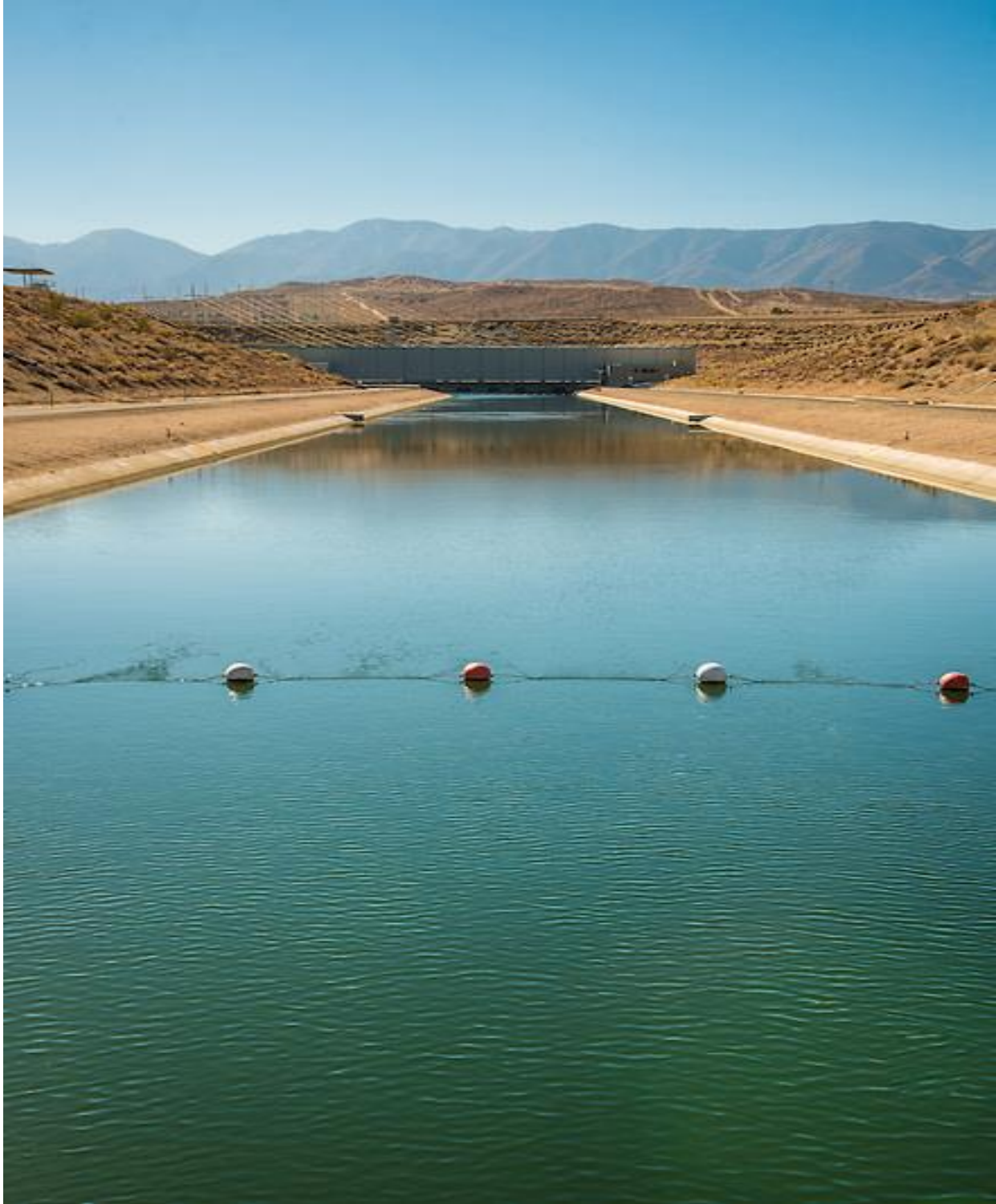
In the midst of these challenges are opportunities that the Agency can use against these challenges. These opportunities are:

- Greater flexibility in the water market
- Continued focus on groundwater management
- Greater need to plan and share resources
- Increased regional collaboration
- Public policy urgency on water supply
- A recovering local economy
- Continued cultural shift to conservation

In 2019, the Agency's costs for the SWP compared to prior years remained relatively flat. Unfortunately, the Agency projects that DWR costs could increase substantially over the next 5 to 10 years due to the CA Delta Conveyance, repair and upgrade work to current DWR facilities such as Oroville, biological opinions, and proposed changes affecting the California electricity market.

With all these challenges and opportunities in mind, the Agency determined that there is a need for a dynamic financial model to assist Management in planning for the Agency's future. During Fiscal Year 2014, the Agency contracted with Raftelis Financial Consultants to develop a dynamic financial model and tools to mitigate against future cost increases. The model has allowed Management to forecast and assess the risks associated with various financial and hydrological scenarios, including water markets (sales of annual State Water Project water to other State Water Project contractors), assessed value changes (utilizing Beacon Economics for long range

forecasting), declining water demands, capital projects, water allocations, State Water Project (SWP) costs, and so on.

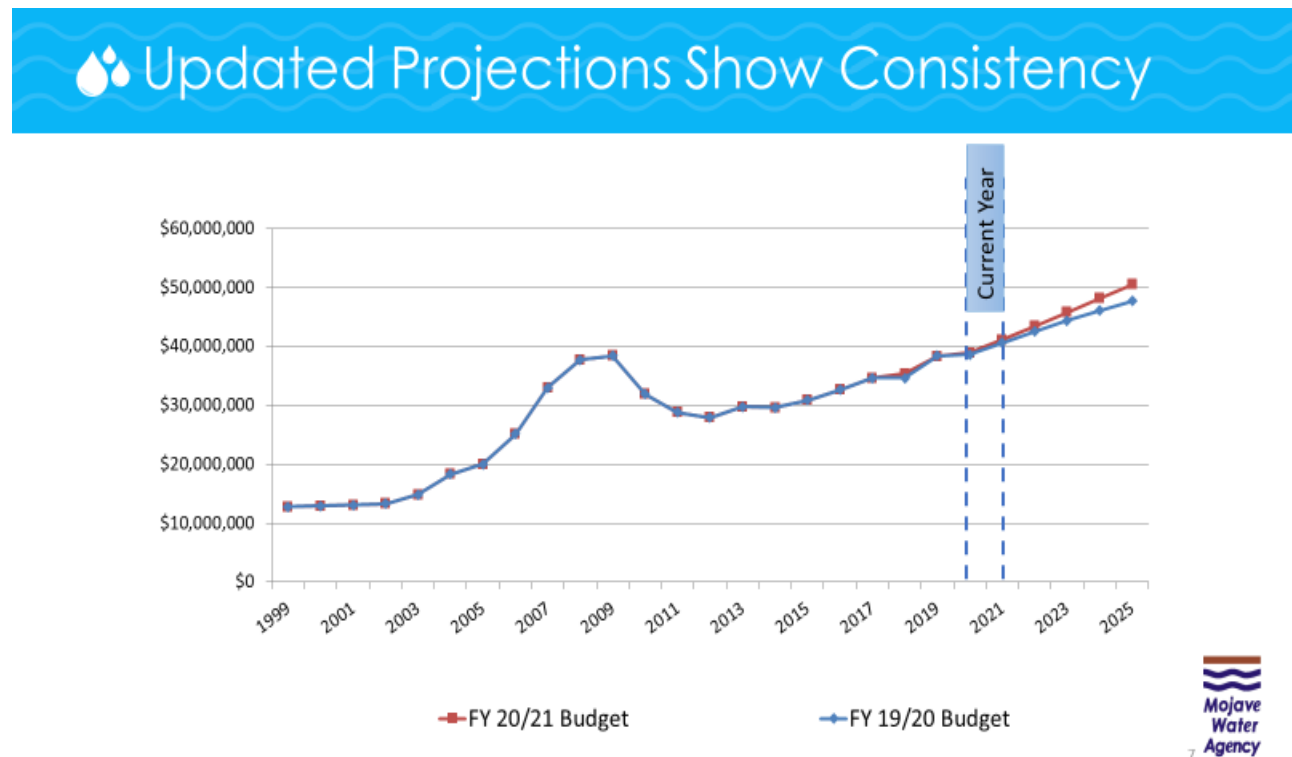


Revenue Projections

Tax Receipts

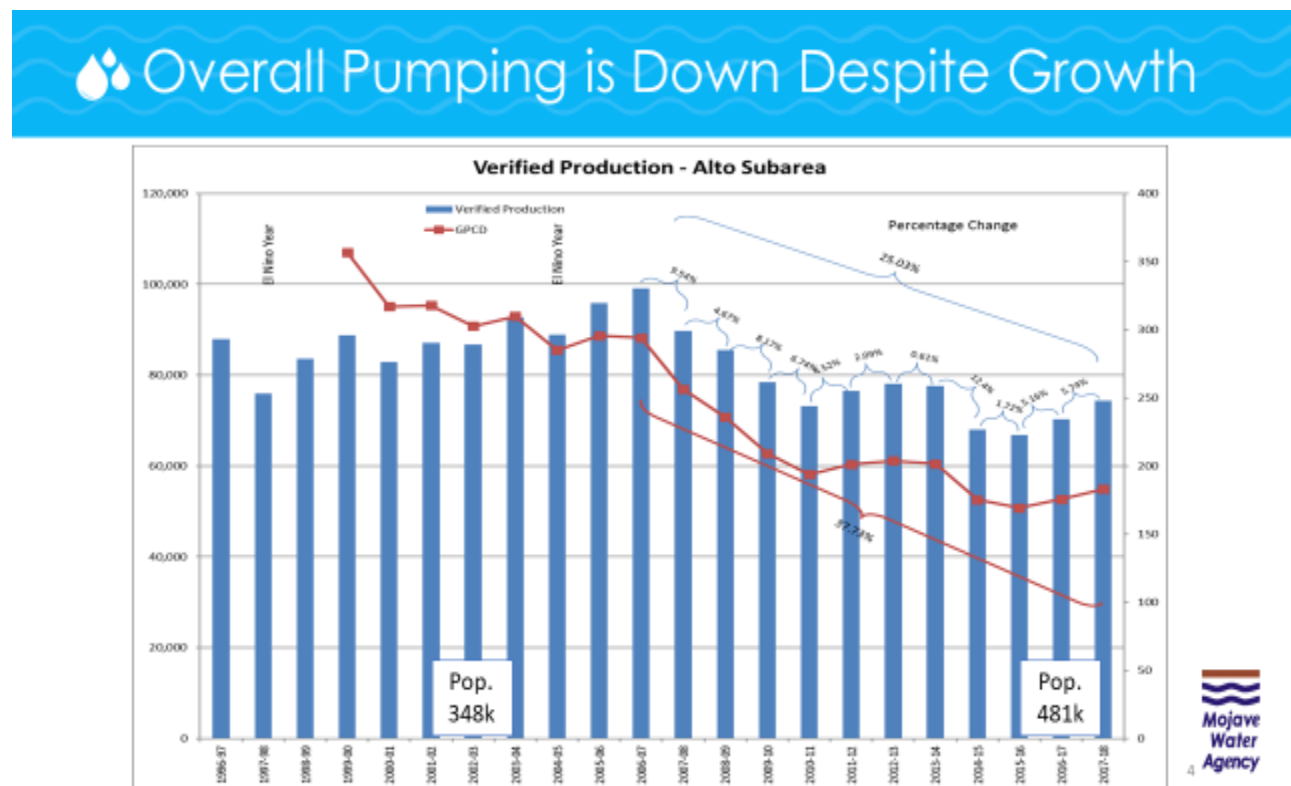
The near-term MWA economic outlook is expected to see a slight increase in assessed valuations as the effects of Covid-19 continues to create uncertainties in the state and local economies. The Agency estimates assessed values to increase by 4.75% for fiscal year 2020/2021. The Agency uses two firms to assist in the property tax projections. First, HdL Coren & Cone provides the short-term 1-year outlook based on actual valuation data prepared by the County Assessor along with current local economic data. Second, Beacon Economics provides a 10-year long-term forecast extending out to the 2029-2030 fiscal year using standard time-series econometric techniques based on historic correlations and forecasts of future economic trends.

As stated in HdL's most recent report concerning property tax revenues due to the Covid-19 pandemic, "The immediate impact on property tax revenue will be minor. If however, the pandemic grows more severe and the shut-down is extended through summer, the impacts on the number and value of real estate sales and, potentially, on tax revenues for 2020-21 and assessed values for 2021-22 and 2022-23 may become more pronounced." For fiscal year 2019-20, declines in the Supplemental Assessment roll receipts can be expected based on declines in sales and new construction activity due to the shutdown. If the shutdown is prolonged and prompts significant foreclosures and sales price reductions, the implementation of Prop 8 reductions in value could occur.



Water Sales

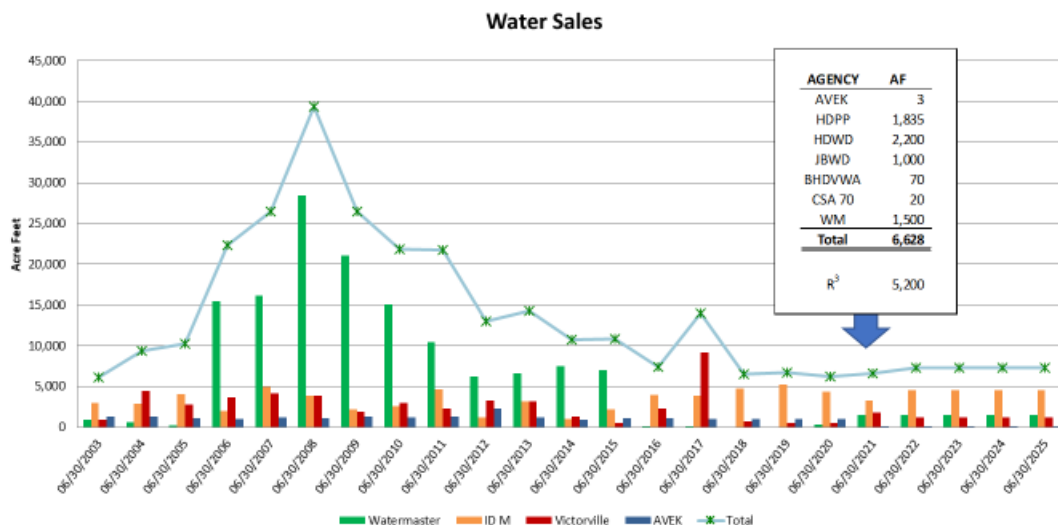
Over the past several years, Replacement Water Obligations to the Watermaster have been in decline since the height in 2007/2008. The Agency's successful Water Conservation Incentive Program is one factor attributable to this decline. Below is the trend in total pumping in the Alto Subarea, where the majority of the Replacement Obligations occur. Verified production has seen slight increases over the last couple of years but mandatory water conservation is likely the cause for the most recent decline. Because of this decline, and the local ability to market individual "Free Production Allowances" pursuant to the Mojave Basin Judgment, water sales to the Watermaster are anticipated to be minimal for the next several years.



On January 24, 2020, the DWR increased the State Water Project allocation for the 2020 calendar year for most recipients to 15% based on the recent precipitation, runoff, and current water supply conditions. DWR may revise the allocation and subsequent allocations if warranted by the year's developing hydrologic and water supply conditions. Allocations from the State Water Project System for 2021 and beyond are unknown. The budget assumes that future allocations plus carryover water will be sufficient to support water sales demand for all other customers.



Water Sales Projected to Remain Flat



Water Transfers and Exchanges

In addition to water sales internally, the Agency has been participating in a water transfers and exchanges to sell or exchange water above what is needed locally to other State Water Contractors. The Agency has been working diligently with DWR and other State Water Contractors to allow more flexibility in the negotiation of future transfer and exchange contracts that will bring additional revenue to the Agency, and these efforts will continue in the new fiscal year.

Expenditure Projections

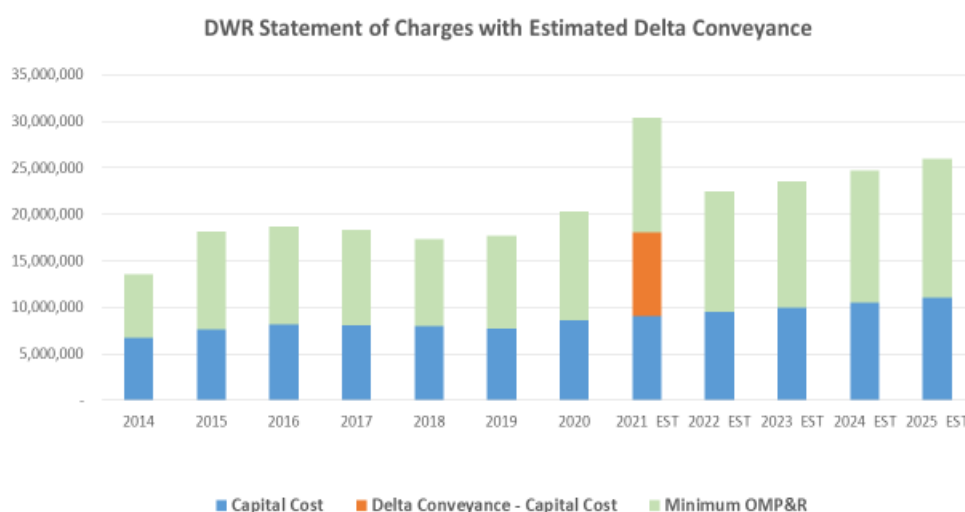
State Water Project/Department of Water Resources Fixed Costs

The Department of Water Resources (DWR) Fixed Costs are difficult to anticipate, due largely to the unknowns on the State Water Project system as a result of recent court rulings on the Delta smelt and salmon, aging infrastructure plus potential additional environmental threats to the water supply. However, over the past few years the Agency has seen a steady increase in costs. One reason for a recent increase in the capital portion of the fixed cost is the shortening of the financing period for the replacement of aging infrastructure. The existing contracts State Water Project Contractors have with DWR are set to expire in 2035. The environmental review required for the contract extension has been completed, and it is anticipated that the MWA Board will have the opportunity to review and approve the contract extension in 2020. DWR will not issue debt beyond the year 2035 until these contracts are finalized. This has resulted in the financing of major infrastructure for shorter and shorter periods, which is causing the increase in annual debt service payments.

In 2015, all State Water Contractors saw material increases in their projected 2015 Statement of Charges. While DWR costs have temporarily flattened for the past several years, it is anticipated that the State Water Contractors will see increased costs in future years. This is primarily due to

the start of construction for the CA Delta Conveyance, the Oroville facility repairs recently completed, and the biological opinions from 2009 mandated actions that will come into play as the deadlines for compliance are fast approaching. The Board is currently evaluating five mitigation measures to deal with the large increase and anticipated future increases with the help of Raftelis and the financial model they developed. Current property tax revenues due to a favorable economic environment are currently sufficient to cover DWR costs for the upcoming fiscal year as this conversation continues to unfold.

Future DWR Cost Escalation Estimated 7%/Yr



DWR Variable Costs (Water Purchases)

The variable portion of the rates represents the power costs for moving water throughout the State Water Project system. With the phase out of costs associated with the Off-Aqueduct Power Charge for Water Delivery, the remaining component of the Department of Water Resources (DWR) rates set each year is the Variable (Power) Rate. This is combined with any additional pumping costs required to move water within the Agency's own system once it leaves the aqueduct. In addition, the Agency adds a Reliability Charge that is currently used to pay the debt service for additional Table A water the Agency purchased in 2009 from Dudley Ridge Water District.

Historically, DWR rates were fairly predictable and the Agency was able to rely on the DWR cost estimate provided each year in the annual Statement of Charges to set rates. However, with the advent of the Energy Crisis in 2000/2001, new volatility in the market created added volatility in the DWR power costs and the Agency was forced to include a 10% contingency to the estimated rate it sets for Watermaster. In the near future, some of the contracts and cheaper energy sources secured by the DWR are set to expire, being replaced with higher cost renewable power (AB 32), which adds to the volatility and uncertainty of future rates. As of this date, the alternative sources are not completely known, however presentations made at Committees with DWR indicate that the rates will continue to go up.

To help mitigate this volatility in the water rate, the Board utilizes the following guidelines in setting its rates:

1. Smooth future rates increases by DWR so that rate increases do not exceed 5% in any year, except due to extreme circumstances.
2. Ensure the Reliability Assessment at a minimum covers pledged debt service.

Departmental Expenditures

Departmental expenditures are projected to increase in FY 2020/21 primarily due to additional pass-thru water conservation grant opportunities, additional funding for facility asset management, as well as an increase in consulting engagements that will allow the Agency to explore water banking and additional revenue enhancements. The Agency plans to remain actively engaged with DWR on various issues during the upcoming fiscal year as the Delta Conveyance negotiations continue, and further development of the financial model will assist with the analysis of options available in order to develop additional revenue streams to address anticipated future DWR cost increases.

Collaboration and strategic partnership investment is also a continuing theme in this budget, as well as funding for water conservation efforts such as large scale cash for grass rebates (\$900,000). Investment in our basins include funding for an update of the Urban Water Management Plan (\$225,000), as well as continued collaboration with the USGS program (\$400,000). Additional basin support projects include the Data Collections Database Update (\$50,000), and development of an Asset Management Plan (\$200,000 in FY 2020/21) to assist with future planning regarding asset management.

The Agency recently completed a comprehensive salary and benefits study in an effort to position itself to attract and retain highly qualified staff, as the Agency deals with the pending Silver Tsunami. The “changing of the guard” will also provide opportunity for structural and/or workload changes as employees retire. In addition, Agency employees began contributions towards PERS retirement and now fund 100% of the employee cost share. All this is done while preserving the knowledge and skill base necessary to strategically place MWA in a more competitive position to fill upcoming vacancies while maintaining salary and benefit costs commensurate with the industry.

Capital Expenditures

The capital projects included in the fiscal year 2020/2021 budget are itemized in the section titled “Capital Projects”. Major capital project activity planned for the FY 2020-21 budget includes the start of the R3 Adelanto Pipeline Extension, and the start of a Water Banking Evaluation Program. Further investigative and geotech work will continue to identify potential sites for future recharge and monitoring facilities.

In addition, infrastructure at the Agency has now reached 20 years of age, so condition assessment planning for annual repair and replacement is now included as a component in the budget. Also, the further development of an Asset Management Plan to assist in planning for future facility needs is anticipated to continue in this next fiscal year.

Debt Service

The Agency has three outstanding debt issuances. The outstanding debts are as follows:

1. ID M – 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 \$2,845,967 in fiscal year 2020/2021 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. 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 2020/2021 will be \$1,719,800.
3. 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 2020/2021 will be \$2,336,713.



FIVE-YEAR CAPITAL PROJECT BUDGET

Project #	Project	FY 2019/2020	FY 2020/2021	FY 2021/2022	FY 2022/2023	FY 2023/2024	FY 2024/2025	Thereafter	Project Total
517	Deep Creek Hydro Electric Power	4,704,847	-	-	-	-	-	-	4,704,847
Groundwater Recharge & Supply Projects									
446	MWA Groundwater Banking Program Evaluation	200,000	1,750,000	2,500,000	2,200,000	1,800,000	-	56,000,000	64,450,000
523	Regional Recharge Projects	1,712,256	184,000	-	-	-	-	-	1,896,256
535	Lucerne Recharge - (Contract Out)	-	275,000	-	-	-	-	-	275,000
531	Small Systems - Baja Sustainability Water Purchase Program	5,616,984	-	-	-	-	-	-	5,616,984
Total Groundwater Recharge & Supply Projects		7,529,240	2,209,000	2,500,000	2,200,000	1,800,000	-	56,000,000	72,238,240
Mojave River Pipeline Projects									
538	MRP White Road Turnout Traveling Screen	150,000	525,000	5,000,000	-	-	-	-	5,675,000
Total Mojave River Pipeline Projects		150,000	525,000	5,000,000	-	-	-	-	5,675,000
R³ Projects									
398	Adelanto Connection (Turnout #7)	250,367	450,000	-	-	-	-	-	700,367
399	R ³ Adelanto Pipeline Extension - MWA	485,223	1,700,000	-	-	-	-	-	2,185,223
443	R ³ Adelanto Trunk Extension - MWA	55,000	4,175,000	-	-	-	-	-	4,230,000
444	R ³ Turnout 6 Upgrade - MWA	30,000	900,000	-	-	-	-	-	930,000
539	Le Panto Pipeline Replacement	50,000	-	300,000	-	-	-	4,800,000	5,150,000
540	Le Panto Reservoir Replacement	50,000	-	550,000	-	-	-	6,000,000	6,600,000
541	R ³ Pipeline to Well #6	50,000	-	550,000	-	-	-	3,600,000	4,200,000
Total R³ Projects		970,590	7,225,000	1,400,000	-	-	-	14,400,000	23,995,590
Repair and Replacement Projects									
520	SCADA Upgrade	72,492	400,000	300,000	-	-	-	-	772,492
445	Exhibit H Well FG H1-2 Replacement	-	140,000	-	-	-	-	-	140,000
529	Facility/Infrastructure Repair and Replacement	909,288	1,120,000	1,290,000	2,085,000	2,275,000	2,500,000	2,750,000	12,929,288
Total Repair and Replacement Projects		981,780	1,660,000	1,590,000	2,085,000	2,275,000	2,500,000	2,750,000	13,841,780
Facility Projects									
374	L-T Data Storage (iSCSI) - Server Virtualization	98,723	-	-	-	-	-	-	98,723
542	Database Solutions Software (WR)	100,000	50,000	-	-	-	-	-	150,000
534	HQ A/V Upgrades	227,332	-	-	-	-	-	-	227,332
447	MWA Phone System Update	-	100,000	-	-	-	-	-	100,000
Total Facility Projects		426,055	150,000	-	-	-	-	-	576,055

FIVE-YEAR CAPITAL PROJECT BUDGET CONTINUED

Project #	Project	FY 2019/2020	FY 2020/2021	FY 2021/2022	FY 2022/2023	FY 2023/2024	FY 2024/2025	Thereafter	Project Total
Vehicles & Equipment									
	F150 Truck (WR - Replacing a 2004 F150)	40,732	-	-	-	-	-	-	40,732
	Arrow Board (two) (15,000 each)	30,000	-	-	-	-	-	-	30,000
	Light tower (used)	10,000	-	-	-	-	-	-	10,000
	Trailer (used)	15,000	-	-	-	-	-	-	15,000
	Power broom (used) (needs to be CARB compliant)	28,000	-	-	-	-	-	-	28,000
	Shoring box	50,000	-	-	-	-	-	-	50,000
	Moss Collection and Dump Trailer	15,000	-	-	-	-	-	-	15,000
	Trimble GPS Unit	12,902	-	-	-	-	-	-	12,902
	F350 with Utility Bed (Approved in FY 18/19 Budget)	63,551	-	-	-	-	-	-	63,551
	F250 with Utility Bed (Approved in FY 18/19 Budget)	50,968	-	-	-	-	-	-	50,968
	Trailer Mounted Vacuum (Excavation/Potholing) (FY 18/19)	48,335	-	-	-	-	-	-	48,335
	F250 with Utility Bed	-	65,000	-	-	-	-	-	65,000
	Hydro Hammer compaction unit (new)	-	110,000	-	-	-	-	-	110,000
	Skip loader	-	115,000	-	-	-	-	-	115,000
	Dump trailer boxes (2)	-	15,000	-	-	-	-	-	15,000
	Generator trailer mounted 550 kW	-	350,000	-	-	-	-	-	350,000
	Frontloader (950 or 938)(needs to be CARB compliant)	-	-	300,000	-	-	-	-	300,000
	Equipment Wash Down Rack	-	-	50,000	-	-	-	-	50,000
	Dump Truck (currently looking into CARB requirements)	-	-	220,000	-	-	-	-	220,000
	Tractor and Lowboy Trailer	-	-	-	200,000	-	-	-	200,000
	F150 Crew Cab	-	-	-	50,000	-	-	-	50,000
	Heavy duty service truck	-	-	-	215,000	-	-	-	215,000
	Water Truck	-	-	-	225,000	-	-	-	225,000
	F250 with Utility Bed	-	-	-	-	70,000	-	-	70,000
	Excavator (used)(needs to be CARB compliant)	-	-	-	-	250,000	-	-	250,000
	Total Vehicles & Equipment	364,488	655,000	570,000	690,000	320,000	-	-	2,599,488
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	Grand Total (without estimated grant funding)	15,127,000	12,424,000	11,060,000	4,975,000	4,395,000	2,500,000	73,150,000	123,631,000
<hr/>									
	Adelanto Connection Agreement	(500,000)							
	Estimated Grant Funding		(3,659,802)						
	Grand Total (with estimated grant funding)	14,627,000	8,764,198	11,060,000	4,975,000	4,395,000	2,500,000	73,150,000	123,631,000

Fiscal Year 2020/2021 Project Descriptions

Linking important objectives with necessary resources requires a process that identifies Goals and Key Elements of those goals at the very beginning of the budget process. For this reason, each year the budget process begins with re-assessing the Key Elements and confirming that all the projects in progress and planned truly reflect the goals of the Agency and the Board of Directors, the needs of the Stakeholders and Community, and any fiscal constraints revealed through the budget process.

The goals identified in the Strategic Plan are:

- Goal 1: Develop sound fiscal and organizational policies that allow the Agency to be effective, innovative and responsive.
- Goal 2: Manage SWP entitlement to meet future demands while maintaining independence during periods of water shortages.
- Goal 3: Coordinate efforts to maintain adequate water quality so that groundwater is safe for drinking and other beneficial uses.
- Goal 4: Develop public awareness so that individuals and stakeholder organizations support our efforts and understand their role in contributing to the Agency's mission.
- Goal 5: Advance understanding of basin hydrogeology to support efficient management of water resources.
- Goal 6: Promote efficient use of the region's water resources through regional conservation programs.

Capital Projects

MWA Groundwater Banking Program Evaluation (Project 446): [Goal 1, 2, & 5](#)

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, infrastructure requirements, etc....

Groundwater Recharge & Supply Projects

Regional Recharge Projects (Project 523): [Goal 2 & 5](#)

Investigative hydro-geotechnical field studies for future off-river recharge. This includes various scientific techniques used to quantify recharge feasibility and includes construction of groundwater monitoring wells. These studies will be done in support of the Agency's water banking program outlined in Agency planning documents. Once specific recharge sites are identified, planning and environmental studies will be initiated.

Lucerne Recharge (Project 535): [Goal 2 & 5](#)

Approximately 3 acres of the existing Lucerne Valley Pump Station Site is to be used as a groundwater recharge site. A new tie-in to the existing site piping along with a new control valve, flow meter, and enclosure will be constructed. This will move the Agency closer to the court-mandated obligation to provide replacement water to all adjudicated subareas and move the Agency closer to large-scale water banking outlined in Agency planning documents.

Mojave River Pipeline Projects

MRP White Road Turnout Traveling Screen (Project 538): [Goal 2 & 5](#)

The existing Mojave River Pipeline has a turnout off the Aqueduct at White Road. There currently is only a debris type drum strainer for half of the design capacity of the pipeline at the Cassia facility. The current drum strainer and overflow pond is overtaxed at certain times when debris and moss levels increase in the Aqueduct. A new traveling screen that is designed to operate for the debris loads at full flow capacity will be designed and constructed closer to the aqueduct turnout. The project will also add a pilot-scale recharge basin adjacent to the turnout to provide critical information on recharge capability in the area.

Regional Recharge and Recovery (R³) Projects

R³- Adelanto Connection Turnout 7 (Project 398): [Goal 2 & 3](#)

Turnout 7 is being designed and constructed at the Adelanto Reservoir location. This turnout was identified in the R³ project to serve the City of Adelanto. This turnout 7 will be at the northerly end of the Adelanto Pipeline Extension to the existing R³ facilities.

Regional Recharge and Recovery (R³) Projects Con't

R³- Adelanto Pipeline Extension (Project 399): [Goal 2 & 3](#)

The R³ Adelanto pipeline connection project involves construction of a 5,800-foot-long water main that will connect the water storage facilities of the City of Adelanto to the existing Upper Mojave River (R³) Project facilities. This pipeline would add Adelanto as a direct turnout connection to the R³ Project. The new pipeline would start at the existing R³ connection point located just north of the California Aqueduct and west of Highway 395 and would run northerly to Adelanto's existing 5-million-gallon tank site.

R³- Adelanto Trunk Extension (Project 443): [Goal 2 & 3](#)

This a portion of the Adelanto R3 Extension Project. The Adelanto R3 connection was identified in the R³ project to serve the City of Adelanto. An extension from the existing Turnout 6/7 includes retrofitting the existing TO-7 with a booster pump to maintain adequate pressure at TO-6, a trunk main approximately 1 mile to the north, connecting pipe to the Adelanto Tank Farm, and a new TO-7 building at the Adelanto Tank Farm site.

R³- Turnout 6 Upgrade - MWA (Project 444): [Goal 2 & 3](#)

This a portion of the Adelanto R3 Extension Project. The Adelanto R3 connection was identified in the R³ project to serve the City of Adelanto. An extension from the existing Turnout 6/7 includes retrofitting the existing TO-7 with a booster pump to maintain adequate pressure at TO-6, a trunk main approximately 1 mile to the north, connecting pipe to the Adelanto Tank Farm, and a new TO-7 building at the Adelanto Tank Farm site.

Le Panto Pipeline Replacement (Project 539): [Goal 2 & 5](#)

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.

Le Panto Reservoir Replacement (Project 540): [Goal 2 & 5](#)

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.

Regional Recharge and Recovery (R³) Projects Con't

R³ Pipeline to Well #6 (Project 541): [Goal 2 & 5](#)

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.

Repair and Replacement Projects

SCADA Upgrade – Morongo Basin Pipeline & Mojave River Pipeline (Project 520): [Goal 2](#)

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.

Exhibit H Well FG H1-2 Replacement: [Goal 1 & 5](#)

The existing Exhibit H Well at the west end of the Yucca Loma Bridge has been damaged and become a safety hazard to MWA field staff due to the construction of the bridge. This project is to replace the well to a nearby location out of the roadway to preserve data integrity and safety for MWA Staff.

Facility/Infrastructure Repair & Replacement: [Goal 1](#)

This item is to earmark funds in the current fiscal year budget for the repair and/or replacement of components of the water production and distribution system, such as valves, pumps, electrical equipment, and piping.

Facility Projects

Database Solutions Software (WR) (Project 542): [Goal 1 & 5](#)

Over the past 18 years, the Water Resources Department has developed an extensive and continually growing database of historical resource data for the region. In that time, the department has also greatly expanded its field-monitoring program consisting of nearly 1,000 monitoring points. Staff is not utilizing modern automated field data collection solutions and is currently using an internally developed database/QAQC/archiving schema that is being utilized beyond its original design. The above results in material inefficiencies associated with data processing, QA/QC controls and error. Field to office data collection/processing/archiving solutions are now industry standard. This technical solution would provide robust data collection, processing, storage and protection for our current data collection/archiving program.

MWA Phone System Upgrade (Project 447): [Goal 1](#)

The Agency's phone system was last upgraded in 2015. This project will update network equipment, servers and software that run the Agency's phone and voice message system. This software and hardware must be updated to maintain support for the system which will end in July 2020. This project will provide the Agency with an up-to-date phone system with support, while reducing cost by utilizing our existing handsets.



BUDGET DETAIL – COMBINED

Summary	Acct	Description	FY 2017/18 Actual*	FY 2018/19 Actual*	FY 2019/20 Budget*	Actual YTD 02/29/2020	FY 2019/20 Projected	FY 2020/21 Budget	FY 2021/22 Budget
DWR (Fund 600)	5215	State Water Project Minimum OMP&R	9,669,485	8,980,737	10,743,370	6,476,688	11,711,020	12,003,796	12,603,986
	1111	State Water Project Bond & Capital	6,534,992	6,814,720	8,721,313	7,939,619	8,634,183	8,936,379	9,383,198
		Subtotal	16,204,477	15,795,457	19,464,683	14,416,307	20,345,203	20,940,175	21,987,184
SWC Member Allocation (Fund 600)	5731	Legal Fees	-	-	-	-	-	-	-
	5219	SWC Member Allocation	171,854	198,535	230,000	179,388	230,000	230,000	230,000
		Subtotal	171,854	198,535	230,000	179,388	230,000	230,000	230,000
SWP Contractors Authority (Fund 600)	5220	DSPC	27,070	-	-	-	-	-	-
	5221	Member Dues	12,706	4,790	-	-	-	-	-
		Subtotal	39,776	4,790	-	-	-	-	-
Delta Conveyance (Fund 600)	5223	Finance Authority Administration	-	36,364	100,000	50,000	100,000	100,000	100,000
		Design & Construction - Covered in DWR SOC	-	-	-	-	-	-	-
		Subtotal	-	36,364	100,000	50,000	100,000	100,000	100,000
Water Purchase (Fund 300 & 600)	1455	Inventory	5,399,937	732,537	1,068,800	3,467,144	3,816,616	1,005,439	851,412
	5211	COGS: Variable Trans. & Off Aqueduct	1,028,878	1,140,782	1,006,440	422,732	486,552	1,032,149	1,162,303
		Subtotal	6,428,815	1,873,319	2,075,240	3,889,876	4,303,168	2,037,588	2,013,715
Departmental Expenses (Fund 100)	5600	Salaries	3,411,106	3,760,696	4,021,801	2,674,423	3,863,055	4,042,065	4,163,328
	5612	Overtime	37,514	40,210	44,000	37,029	50,500	53,500	53,500
	5613	Flex Benefits Plan	392,557	441,584	469,583	351,866	508,250	734,965	757,014
	5614	Payroll Taxes	109,916	118,157	130,250	86,961	125,610	137,773	141,907
	5615	Misc. Benefit	31,964	33,416	53,881	22,108	32,000	33,600	28,068
	5616	Workers' Compensation Expense	62,533	63,029	78,382	68,146	68,146	69,741	71,833
	5618	Health Insurance - Dental/Vision - Employees	90,797	90,934	85,103	70,679	102,092	87,275	89,893
	5620	Health Expense Reimb. FSA	49,639	99,281	103,300	51,333	52,757	-	-
	5621	Retirement Contribution	1,168	180,909	201,090	134,733	194,614	203,290	209,389
	5623	PERS: Employees	624,831	740,703	816,441	714,199	1,031,621	985,986	1,015,566
		SUBTOTAL WAGES & BENEFITS	4,812,025	5,568,919	6,003,831	4,211,477	6,028,645	6,348,195	6,530,498
	5900	Director Fees	115,009	120,548	150,000	80,071	150,000	150,000	150,000
	5910	Dir. Flex Benefits Plan	90,434	99,952	130,000	83,453	130,000	123,970	125,000
	5912	Health Insurance - Dental/Vision - Directors	-	-	-	2,285	5,000	9,500	10,000
	5935	Dir. Legislative Travel	3,013	5,236	15,000	2,304	15,000	15,000	15,000
	5940	Dir. Travel: Conferences & Expenses	7,937	16,118	35,000	6,287	35,000	35,000	35,000
	5960	Dir. Travel Within Boundaries	13,912	9,930	21,000	9,111	21,000	21,000	21,000
	5617	Human Resources Relations	172	61	15,000	3,323	12,500	12,500	12,500
	5622	OPEB	149,119	69,070	223,155	99,281	99,281	175,169	173,564
	5701	Equip. Lease/Rent	58,960	61,867	113,500	18,745	66,018	59,000	60,200
	5702	Safety Supplies	14,128	15,309	24,000	11,142	21,000	20,000	20,000
	5703	Recruiting Expense	11,697	9,823	17,500	6,540	10,500	17,500	10,000
	5704	Temporary Services	-	798	60,000	1,144	28,489	60,000	20,000
	5705	Building Maintenance	117,990	104,412	178,300	75,268	123,088	157,000	161,350
	5706	Utilities	1,080,497	955,141	956,520	600,096	942,924	1,100,000	1,057,500
	5708	Postage & Mailing Costs	5,591	1,373	8,000	7,093	10,640	6,000	6,300
	5709	Office Supplies & Expenses	28,261	30,198	35,000	20,972	31,458	35,000	36,750
	5710	Small Tools	15,027	15,721	24,750	21,049	24,950	27,250	27,250
	5711	Books & Subscriptions	2,600	976	11,550	1,615	5,300	11,550	11,975
	5712	Telephone	76,147	80,297	81,400	53,797	80,556	81,200	85,150
	5713	Printing	-	2,391	5,500	131	8,500	10,500	10,500

BUDGET DETAIL – COMBINED (Continued)

Departmental Expenses (Fund 100) (Continued)	5719	Equipment Maintenance	100,070	129,422	341,000	86,359	339,500	485,500	607,500
	5719	Equipment Maintenance - Emergency (O&M)	-	-	100,000	8,492	100,000	100,000	100,000
	5720	Computer Equipment & Maintenance	103,850	82,833	70,000	14,558	83,000	95,000	70,000
	5721	Data Collections	40,928	83,839	117,000	48,202	140,000	125,000	120,000
	5722	Insurance	100,369	101,215	106,000	101,297	101,297	131,412	137,983
	5724	Licenses/Dues & Fees	323,867	351,494	368,800	311,554	376,079	362,700	372,335
	5725	Auto Expenses	77,104	69,650	87,850	59,243	84,191	92,600	145,555
	5726	Travel Expenses	104,555	95,879	159,100	82,921	156,757	170,500	167,850
	5728	Education, Training & Conferences	28,381	42,454	89,140	34,394	65,094	88,350	68,043
	5729	Consulting	465,038	585,586	1,516,000	497,745	1,211,262	1,532,700	465,000
	5729	Consulting - Grant Funded (60-5729-5000)	237,464	50,114	428,000	22,706	405,294	350,000	-
	5731	Legal	127,081	117,087	150,000	86,957	130,436	150,000	157,500
	5732	Legislative Advocacy	151,194	144,813	150,000	95,976	160,000	160,000	160,000
	5733	Audit & Accounting	31,030	28,700	36,100	23,155	36,100	36,800	37,500
	5734	Environmental	28,049	2,864	45,000	-	35,000	30,000	45,000
	5735	Water Quality	29,536	36,340	54,000	33,994	54,000	43,000	47,500
	5736	Engineering, General	64,284	172,493	137,500	71,418	99,500	113,500	114,500
	5737	USGS	374,000	397,120	400,000	152,777	395,000	400,000	380,000
	5740	Water Purchases - R ³ Operational Water	28,022	11,649	200	99	13,000	13,500	14,000
	5741	Aerial Photos	32,625	31,594	33,000	42,125	33,000	33,000	36,000
	5742	Public Relations	106,591	100,872	190,000	76,997	150,000	154,000	140,000
	5743	Water Conservation	134,691	154,208	257,500	63,585	225,000	350,000	400,000
	5743	Water Conservation - Grant Funded (30-5743-5000)	439,878	254,825	900,000	-	650,000	800,000	-
	5800	Election Costs	-	7,530	-	-	-	20,000	-
	5801	IDM: 4% Debt Service Support	32,533	32,576	32,598	-	-	-	32,598
	5810	Other Expenses	17,904	23,237	29,000	15,498	23,518	29,000	30,200
		Total Before Transfers Out	9,785,082	10,277,798	13,906,794	7,245,236	12,916,877	14,341,896	12,428,601
	5610	Labor & Benefits to WM	(288,547)	(320,550)	(333,467)	(181,766)	(348,658)	(371,173)	(382,248)
		Total Capital Labor & OH Out	(288,547)	(320,550)	(333,467)	(181,766)	(348,658)	(371,173)	(382,248)
		TOTAL NET DEPT EXPENSES:	9,496,535	9,957,248	13,573,327	7,063,470	12,568,219	13,970,723	12,046,353
Tax Collection Exp (All Funds)	5820	General Fund	25,379	26,135	28,000	15,911	28,000	30,000	30,000
	5820	Debt Service Fund	3,295	3,394	4,000	2,023	4,000	4,000	4,000
	5820	SWP Fund	59,325	60,973	63,000	37,272	63,000	65,000	65,000
	5820	ID M	8,266	8,677	9,000	4,625	9,000	10,000	10,000
		Subtotal	96,265	99,179	104,000	59,831	104,000	109,000	109,000
ID M (Fund 800)	5850	Interest Expense	389,333	317,475	239,375	50,792	239,375	135,967	83,150
	2629	Principal Pmt	2,545,000	2,615,000	2,615,000	-	2,615,000	2,710,000	2,780,000
		Subtotal	2,934,333	2,932,475	2,854,375	50,792	2,854,375	2,845,967	2,863,150
COP-Dudley Ridge (Fund 300)	5854	Interest Expense	1,307,276	1,479,838	1,436,900	600,271	1,436,900	1,391,713	1,344,275
	2623	Principal Pmt	855,000	900,000	900,000	-	900,000	945,000	990,000
		Subtotal	2,162,276	2,379,838	2,336,900	600,271	2,336,900	2,336,713	2,334,275
COP-Berrenda Mesa (Fund 600)	5854	Interest Expense	365,550	309,450	238,592	50,008	238,592	174,800	97,625
	2641	Principal Pmt	1,410,000	1,475,000	1,475,000	-	1,475,000	1,545,000	1,605,000
		Subtotal	1,775,550	1,784,450	1,713,592	50,008	1,713,592	1,719,800	1,702,625
		TOTAL EXPENSES (net of CIP & Pass-thru grants)	39,309,881	35,061,655	42,452,117	26,359,943	44,555,457	44,289,966	43,386,302

INDIVIDUAL DEPARTMENT BUDGETS & INITIATIVES

Administration (AD) – Dept #10

Department Budget Summary

		FY 17/18 Actual	FY 18/19 Actual	FY 19/20 Budget	Actual YTD as of 02/29/2020	FY 19/20 Projected	FY 20/21 Budget	FY 21/22 Budget
	ADMINISTRATIVE EXPENSES:							
5600	Dept Wages	879,092	915,975	944,103	642,212	927,640	939,666	967,856
5612	Dept Overtime	745	1,511	-	487	500	500	500
5613	Flex Benefits Plan	89,617	94,167	94,494	74,593	107,745	185,955	191,534
5614	Payroll Taxes	31,230	31,293	30,119	22,202	32,070	32,643	33,622
5615	Misc Benefit	13,964	15,416	14,000	10,800	14,000	15,600	16,068
5616	Workers Compensation Expense	4,062	4,262	4,912	4,356	4,356	4,879	5,025
5618	Health Insurance - Dental/Vision - Employees	33,781	29,191	20,763	27,443	39,640	22,587	23,265
5620	Health Ins Reimb - FSA	13,778	23,486	23,850	12,423	13,000	-	-
5621	Deferred Comp Contributions	1,168	44,179	47,205	32,521	46,975	49,483	50,967
5623	PERS Retirement	128,333	155,207	160,331	152,914	220,876	238,608	245,766
	TOTAL WAGES & BENEFITS	1,195,770	1,314,687	1,339,777	979,951	1,406,802	1,489,921	1,534,603
5900	Director Fees	115,009	120,548	150,000	80,071	150,000	150,000	150,000
5910	Dir. Flex Benefits Plan	90,434	99,952	130,000	83,453	130,000	123,970	125,000
5911	In Lieu of Retirement	3,519	1,264	-	-	-	-	-
5912	Health Insurance - Dental/Vision - Directors	-	-	-	2,285	5,000	9,500	10,000
5935	Dir. Legislative Travel	3,013	5,236	15,000	2,304	15,000	15,000	15,000
5940	Dir. Travel: Conferences & Expenses	7,937	16,118	35,000	6,287	35,000	35,000	35,000
5960	Dir. Travel Within Boundaries	13,912	9,930	21,000	9,111	21,000	21,000	21,000
5622	OPEB	149,119	69,070	223,155	99,281	99,281	175,169	173,564
5701	Equip. Lease/Rent	53,366	55,706	40,000	15,345	23,018	24,000	25,200
5702	Safety Supplies	7,257	4,729	-	-	-	-	-
5705	Building Maintenance	78,534	64,142	147,000	47,000	91,788	87,000	91,350
5706	Utilities	143,654	138,118	150,000	90,936	136,404	150,000	157,500
5708	Postage & Mailing Costs	5,617	1,373	8,000	7,093	10,640	6,000	6,300
5709	Office Supplies & Expenses	28,261	30,198	35,000	20,972	31,458	35,000	36,750
5711	Books & Subscriptions	984	237	500	32	250	500	500
5712	Telephone	71,309	74,320	75,000	49,437	74,156	75,000	78,750
5722	Insurance	100,369	101,215	106,000	101,297	101,297	131,412	137,983
5724	Licenses/Dues & Fees (ACWA,LAFCO & Misc)	87,167	79,010	80,000	77,579	97,579	82,000	86,100
5725	Auto Expenses	6,034	680	2,000	727	1,091	2,000	2,100
5726	Travel Expenses	70,868	53,607	62,000	51,351	95,027	94,000	98,700
5728	Education, Training & Conferences	1,715	10,509	7,850	10,699	13,799	7,850	8,243
5729	Consulting	118,581	108,056	236,000	88,841	131,262	269,700	110,000
5731	Legal	127,081	117,087	150,000	86,957	130,436	150,000	157,500
5733	Audit & Accounting	31,030	28,700	36,100	23,155	36,100	36,800	37,500
5800	Election Costs	-	7,530	-	-	-	20,000	-
5801	IDM: 4% Debt Service Support	32,533	32,576	32,598	-	-	-	32,598
5810	Other Expenses (trustee fees)	17,646	22,918	24,000	14,714	21,018	24,000	25,200
	NON-LABOR EXP	1,364,949	1,252,829	1,766,203	968,927	1,450,604	1,724,901	1,621,838
	TOTAL DEPT EXPENSES	2,560,719	2,567,516	3,105,980	1,948,878	2,857,406	3,214,822	3,156,441

Information Technology (IT) – Dept #20

Department Budget Summary

		FY 17/18 Actual	FY18/19 Actual	FY19/20 Budget	Actual YTD as of 02/29/2020	FY19/20 Projected	FY 20/21 Budget	FY 21/22 Budget
	ADMINISTRATIVE EXPENSES:							
5600	Dept Wages	91,078	97,104	98,452	68,288	98,638	98,452	101,406
5612	Dept Overtime	10,957	9,832	12,000	11,208	14,000	15,000	15,000
5613	Flex Benefits Plan	12,240	15,060	15,550	10,936	15,796	17,710	18,241
5614	Payroll Taxes	2,834	3,020	3,306	2,268	3,276	3,369	3,470
5616	Workers Compensation Expense	429	446	514	440	440	409	421
5618	Health Insurance - Dental/Vision - Employees	2,511	4,130	2,583	1,789	2,584	2,583	2,660
5620	Health Ins Reimb - FSA	1,495	2,792	2,650	1,643	2,465	-	-
5621	Deferred Comp Contributions	-	4,788	4,923	3,433	4,959	4,923	5,071
5623	PERS Retirement	22,855	28,198	27,971	29,263	42,269	37,248	38,365
	TOTAL WAGES & BENEFITS	144,399	165,370	167,949	129,268	184,427	179,694	184,634
5710	Small Tools	-	128	1,000	-	200	1,000	1,000
5720	Computer Equipment & Maintenance	103,850	82,833	70,000	14,558	83,000	95,000	70,000
5724	Licenses/Dues & Fees	186,503	233,896	245,000	196,511	240,000	240,000	245,000
5726	Travel Expenses	1,973	136	8,000	472	3,230	8,000	8,000
5728	Education, Training & Conferences	9,086	4,495	12,000	5,989	6,295	12,000	12,000
5729	Consulting	53,394	67,992	75,000	62,425	100,000	75,000	75,000
5741	Aerial Photos	21,750	21,063	22,000	33,000	22,000	22,000	25,000
	NON-LABOR EXP	376,556	410,543	433,000	312,955	454,725	453,000	436,000
	TOTAL DEPARTMENT EXPENSES	520,955	575,913	600,949	442,223	639,152	632,694	620,634

Information Technology (IT) – Dept #20

Department Budget Initiative Detail

		Department Admin.	Aerial Photos 450	FY 20/21 Total
	ADMINISTRATIVE EXPENSES:			
5600	Dept Wages	98,452		98,452
5612	Dept Overtime	15,000		15,000
5613	Flex Benefits Plan	17,710		17,710
5614	Payroll Taxes	3,369		3,369
5616	Workers Compensation Expense	409		409
5618	Health Insurance - Dental/Vision - Employees	2,583		2,583
5620	Health Ins Reimb - FSA	-		-
5621	Deferred Comp Contributions	4,923		4,923
5623	PERS Retirement	37,248		37,248
	TOTAL WAGES & BENEFITS	179,694	-	179,694
5710	Small Tools	1,000		1,000
5720	Computer Equipment & Maintenance	95,000		95,000
5724	Licenses/Dues & Fees	240,000		240,000
5726	Travel Expenses	8,000		8,000
5728	Education, Training & Conferences	12,000		12,000
5729	Consulting	75,000		75,000
5741	Aerial Photos	-	22,000	22,000
	NON-LABOR EXP	431,000	22,000	453,000
	TOTAL DEPARTMENT EXPENSES	610,694	22,000	632,694

Community Outreach & Employee Relations (PI) – Dept #30

Department Budget Summary

		FY 17/18 Actual	FY18/19 Actual	FY19/20 Budget	Actual YTD as of 02/29/2020	FY19/20 Projected	FY 20/21 Budget	FY 21/22 Budget
	ADMINISTRATIVE EXPENSES:							
5600	Dept Wages	465,275	486,498	494,237	334,233	482,781	527,132	542,946
5612	Dept Overtime	785	1,039	4,000	1,222	2,000	2,000	2,000
5613	Flex Benefits Plan	56,508	55,281	56,892	45,960	66,387	88,550	91,207
5614	Payroll Taxes	13,994	15,160	15,983	10,381	14,995	17,855	18,391
5615	Misc Benefit	6,000	6,000	6,000	4,154	6,000	6,000	6,000
5616	Workers Compensation Expense	2,744	2,972	3,440	3,390	3,390	3,183	3,278
5618	Health Insurance - Dental/Vision - Employees	10,540	10,104	9,527	7,156	10,336	9,540	9,826
5620	Health Ins Reimb - FSA	7,500	13,092	13,250	6,527	6,552	-	-
5621	Deferred Comp Contributions	-	22,997	24,712	16,925	24,447	26,357	27,148
5623	PERS Retirement	68,597	78,281	67,799	55,539	80,223	90,919	93,647
	TOTAL WAGES & BENEFITS	631,943	691,424	695,840	485,487	697,111	771,536	794,443
5617	Human Resources Relations	172	61	15,000	3,323	12,500	12,500	12,500
5702	Safety Supplies	390	167	11,000	3,629	8,000	6,000	6,000
5703	Recruiting Expense	11,697	441	17,500	6,540	10,500	17,500	10,000
5704	Temporary Services	-	798	-	489	489	-	-
5711	Books & Subscriptions	1,270	658	1,000	1,220	1,500	1,000	1,000
5713	Printing	-	2,391	5,000	131	8,000	10,000	10,000
5724	Licenses/Dues/ Fees/Legal Consort.	9,597	7,299	6,000	5,923	6,000	8,000	8,000
5725	Auto Expenses	221	151	250	567	600	-	600
5726	Travel Expenses	14,264	17,054	17,650	9,125	15,000	19,000	20,000
5728	Education, Training & Conferences	4,775	6,518	12,500	4,352	10,000	12,500	13,000
5729	Consulting	3,000	9,225	15,000	-	15,000	-	15,000
5732	Legislative Advocacy	151,194	144,813	150,000	95,976	160,000	160,000	160,000
5742	Public Relations	106,591	100,872	190,000	76,997	150,000	154,000	140,000
5743	Water Conservation	134,691	154,208	257,500	63,585	225,000	350,000	400,000
5743	Water Conservation - Grant Funded (30-5743-5000)	439,878	254,825	900,000	-	650,000	800,000	-
	NON-LABOR EXP	877,740	699,481	1,598,400	271,857	1,272,589	1,550,500	796,100
	TOTAL DEPARTMENT EXPENSES	1,509,683	1,390,905	2,294,240	757,344	1,969,700	2,322,036	1,590,543

Community Outreach & Employee Relations (PI) – Dept #30

Department Budget Initiative Detail (Page 1 of 2)

		Department Admin.	Community Relations 226	Limited Strategic Partnerships 227	Fac.Tours 243	Annual Water Symposium 259	AWAC 305
	ADMINISTRATIVE EXPENSES:						
5600	Dept Wages	527,132					
5612	Dept Overtime	2,000					
5613	Flex Benefits Plan	88,550					
5614	Payroll Taxes	17,855					
5615	Misc Benefit	6,000					
5616	Workers Compensation Expense	3,183					
5618	Health Insurance - Dental/Vision - Employees	9,540					
5621	Deferred Comp Contributions	26,357					
5623	PERS Retirement	90,919					
	TOTAL WAGES & BENEFITS	771,536	-	-	-	-	-
5617	Human Resources Relations	12,500					
5702	Safety Supplies	6,000					
5703	Recruiting Expense	17,500					
5711	Books & Subscriptions	1,000					
5713	Printing	10,000					
5724	Licenses/Dues/ Fees/Legal Consort.	8,000					
5726	Travel Expenses	19,000					
5728	Education, Training & Conferences	12,500					
5732	Legislative Advocacy	160,000					
5742	Public Relations		104,000		10,000	5,000	
5743	Water Conservation			140,000			35,000
5743	Water Conservation - Grant Funded (30-5743-5000)						
	NON-LABOR EXP	246,500	104,000	140,000	10,000	5,000	35,000
	TOTAL DEPARTMENT EXPENSES	1,018,036	104,000	140,000	10,000	5,000	35,000

Community Outreach & Employee Relations (PI) – Dept #30

Department Budget Initiative Detail (Page 2 of 2)

		Demo Gard 344	County Conf. 381	WCIP 386	High School Water Summit 397	FY 20/21 Total
	ADMINISTRATIVE EXPENSES:					
5600	Dept Wages					527,132
5612	Dept Overtime					2,000
5613	Flex Benefits Plan					88,550
5614	Payroll Taxes					17,855
5615	Misc Benefit					6,000
5616	Workers Compensation Expense					3,183
5618	Health Insurance - Dental/Vision - Employees					9,540
5621	Deferred Comp Contributions					26,357
5623	PERS Retirement					90,919
	TOTAL WAGES & BENEFITS	-	-	-	-	771,536
5617	Human Resources Relations					12,500
5702	Safety Supplies					6,000
5703	Recruiting Expense					17,500
5711	Books & Subscriptions					1,000
5713	Printing					10,000
5724	Licenses/Dues/ Fees/Legal Consort.					8,000
5726	Travel Expenses					19,000
5728	Education, Training & Conferences					12,500
5732	Legislative Advocacy					160,000
5742	Public Relations		5,000		30,000	154,000
5743	Water Conservation	75,000		100,000		350,000
5743	Water Conservation - Grant Funded (30-5743-5000)			800,000		800,000
	NON-LABOR EXP	75,000	5,000	900,000	30,000	1,550,500
	TOTAL DEPARTMENT EXPENSES	75,000	5,000	900,000	30,000	2,322,036

Engineering (ENG) – Dept #40

Department Budget Summary

		FY 17/18 Actual	FY18/19 Actual	FY19/20 Budget	Actual YTD as of 02/29/2020	FY19/20 Projected	FY 20/21 Budget	FY 21/22 Budget
	ADMINISTRATIVE EXPENSES:							
5600	Dept Wages	247,651	273,021	424,376	240,076	346,776	320,061	329,663
5613	Flex Benefits Plan	24,480	24,480	36,720	23,954	34,600	53,130	54,724
5614	Payroll Taxes	7,463	8,926	13,372	8,076	11,665	10,823	11,148
5615	Misc Benefit	6,000	6,000	6,000	3,000	6,000	6,000	6,000
5616	Workers Compensation Expense	629	693	6,409	4,756	4,756	5,496	5,661
5618	Health Insurance - Dental/Vision - Employees	3,770	3,860	5,896	3,237	4,676	4,815	4,959
5620	Health Ins Reimb - FSA	3,000	5,300	7,950	3,873	3,873	-	-
5621	Deferred Comp Contributions	-	13,379	21,219	12,124	17,512	16,003	16,483
5623	PERS Retirement	51,251	66,472	100,903	68,561	99,033	65,818	67,793
	TOTAL WAGES & BENEFITS	344,244	402,131	622,845	367,657	528,891	482,146	496,431
5703	Recruiting Expense	-	2,752	-	-	-	-	-
5711	Books & Subscriptions	-	-	8,500	-	2,000	8,500	8,925
5724	Licenses/Dues & Fees	535	385	1,000	116	1,000	700	735
5725	Auto Expenses	1,654	2,802	5,100	379	2,000	5,100	5,355
5726	Travel Expenses	3,358	2,051	33,500	1,016	12,000	3,000	3,150
5728	Education, Training & Conferences	120	-	6,000	200	5,000	6,000	6,300
5729	Consulting	16,760	9,279	450,000	17,773	275,000	350,000	100,000
5736	Engineering, General	-	35,197	44,000	2,793	6,000	20,000	21,000
	NON-LABOR EXP	22,427	52,466	548,100	22,277	303,000	393,300	145,465
	TOTAL DEPT EXPENSES	366,671	454,597	1,170,945	389,934	831,891	875,446	641,896

Operation & Maintenance (OM) – Dept #50

Department Budget Summary

		FY 17/18	FY 18/19	FY 19/20	Actual YTD as of	FY 19/20	FY 20/21	FY 21/22
	ADMINISTRATIVE EXPENSES:	Actual	Actual	Budget	02/29/2020	Projected	Budget	Budget
5600	Dept Wages	478,339	582,474	586,789	410,173	592,472	713,322	734,722
5612	Dept Overtime	17,564	24,121	24,000	22,081	31,000	32,000	32,000
5613	Flex Benefits Plan	68,026	91,821	104,709	71,524	103,312	141,680	145,930
5614	Payroll Taxes	16,067	16,110	20,053	13,017	18,802	24,034	24,755
5615	Misc Benefit	-	-	21,881	-	-	-	-
5616	Workers Compensation Expense	23,371	24,937	33,608	29,167	29,167	31,357	32,298
5618	Health Insurance - Dental/Vision - Employees	13,051	14,726	16,050	10,852	15,675	18,128	18,672
5620	Health Ins Reimb - FSA	8,250	17,112	18,500	8,864	8,864	-	-
5621	Deferred Comp Contributions	-	27,426	29,339	20,143	29,095	34,353	35,384
5623	PERS Retirement	82,400	91,106	98,054	86,641	125,148	111,321	114,661
	TOTAL WAGES & BENEFITS	707,068	889,833	952,983	672,462	953,535	1,106,195	1,138,422
5701	Equip. Lease/Rent	5,594	6,161	73,500	3,400	43,000	35,000	35,000
5702	Safety Supplies	4,293	7,872	10,000	7,042	10,000	11,000	11,000
5703	Recruiting Expense	-	4,304	-	-	-	-	-
5704	Temporary Services	-	-	40,000	-	23,000	40,000	-
5705	Building Maintenance	39,456	40,270	31,300	28,268	31,300	70,000	70,000
5706	Utilities	936,843	817,023	806,520	509,160	806,520	950,000	900,000
5710	Small Tools	13,863	13,832	22,000	19,024	22,000	24,000	24,000
5711	Books & Subscriptions	-	-	1,000	-	1,000	1,000	1,000
5712	Telephone	4,838	5,977	6,400	4,360	6,400	6,200	6,400
5719	Equipment Maintenance	96,315	121,890	333,500	84,705	333,500	478,000	600,000
5719	Equipment Maintenance - Emergency (O&M) (5719-1000)	-	-	100,000	8,492	100,000	100,000	100,000
5724	Licenses/Dues & Fees	25,387	25,549	34,300	28,015	29,000	29,000	30,000
5725	Auto Expenses	46,700	49,443	55,000	46,406	60,000	60,000	62,000
5726	Travel Expenses	1,907	1,100	2,000	2,378	2,000	4,500	2,000
5728	Education, Training & Conferences	3,780	4,712	9,000	4,485	8,000	10,000	8,500
5729	Consulting	9,542	21,446	90,000	33,254	90,000	90,000	90,000
5734	Environmental	28,049	2,864	45,000	-	35,000	30,000	45,000
5735	Water Quality	29,536	36,340	54,000	33,994	54,000	43,000	47,500
5740	Water Purchases - R ³ Operational Water	28,022	11,649	200	99	13,000	13,500	14,000
	NON-LABOR EXP	1,274,125	1,170,432	1,713,720	813,082	1,667,720	1,995,200	2,046,400
	TOTAL DEPARTMENT EXPENSES	1,981,193	2,060,265	2,666,703	1,485,544	2,621,255	3,101,395	3,184,822

Water Resources (WR) – Dept #60

Department Budget Summary

		FY 17/18 Actual	FY 18/19 Actual	FY 19/20 Budget	Actual YTD as of 02/29/2020	FY 19/20 Projected	FY 20/21 Budget	FY 21/22 Budget
	ADMINISTRATIVE EXPENSES:							
5600	Dept Wages	842,804	971,351	1,025,275	670,771	968,891	978,744	1,008,106
5612	Dept Overtime	5,206	-	-	-	-	-	-
5613	Flex Benefits Plan	94,138	112,613	117,588	89,556	129,359	177,100	182,413
5614	Payroll Taxes	25,804	29,948	33,143	21,107	30,488	33,519	34,525
5615	Misc Benefit	6,000	6,000	6,000	4,154	6,000	6,000	
5616	Workers Compensation Expense	29,182	27,440	26,864	23,484	23,484	22,022	22,683
5618	Health Insurance - Dental/Vision - Employees	19,392	20,692	21,791	14,310	20,670	21,129	21,763
5620	Health Ins Reimb - FSA	9,724	26,802	26,500	12,455	12,455	-	-
5621	Deferred Comp Contributions	-	46,928	51,264	33,945	49,032	48,937	50,405
5623	PERS Retirement	179,256	222,438	249,079	221,666	320,184	288,907	297,574
	TOTAL WAGES & BENEFITS	1,211,506	1,464,212	1,557,504	1,091,448	1,560,563	1,576,358	1,617,469
5702	Safety Supplies	2,188	2,541	2,500	471	2,500	2,500	2,500
5703	Recruiting Expense	-	2,326	-	-	-	-	-
5704	Temporary Services	-	-	20,000	655	5,000	20,000	20,000
5710	Small Tools	1,164	1,761	1,500	2,025	2,500	2,000	2,000
5711	Books & Subscriptions	346	81	500	334	500	500	500
5719	Equipment Maintenance	3,755	7,532	7,500	1,654	6,000	7,500	7,500
5721	Data Collections	40,928	83,839	117,000	48,202	140,000	125,000	120,000
5724	Licenses/Dues & Fees	14,678	5,355	2,500	3,410	2,500	3,000	2,500
5725	Auto Expenses	22,185	16,096	25,000	10,959	20,000	25,000	75,000
5726	Travel Expenses	12,185	21,707	26,950	15,842	24,000	34,000	28,000
5728	Education, Training & Conferences	8,905	16,220	33,790	8,631	20,000	34,000	14,000
5729	Consulting	263,761	369,588	650,000	295,452	600,000	748,000	75,000
5729	Consulting - Grant Funded (60-5729-5000)	237,464	50,114	428,000	22,706	405,294	350,000	-
5737	USGS	374,000	397,120	400,000	152,777	395,000	400,000	380,000
5810	Other Expenses	258	319	5,000	784	2,500	5,000	5,000
	NON-LABOR EXP	981,791	974,599	1,720,240	563,902	1,625,794	1,756,500	732,000
	TOTAL DEPT EXPENSES	2,193,297	2,438,811	3,277,744	1,655,350	3,186,357	3,332,858	2,349,469

Water Resources (WR) – Dept #60

Department Budget Initiative Detail (Page 1 of 2)

		Department Admin.	USGS 230	Data Coll. 310	Special Projects 336
	ADMINISTRATIVE EXPENSES:				
5600	Dept Wages	978,744			
5612	Dept Overtime	-			
5613	Flex Benefits Plan	177,100			
5614	Payroll Taxes	33,519			
5615	Misc Benefit	6,000			
5616	Workers Compensation Expense	22,022			
5618	Health Insurance - Dental/Vision - Employees	21,129			
5620	Health Ins Reimb - FSA	-			
5621	Deferred Comp Contributions	48,937			
5623	PERS Retirement	288,907			
	TOTAL WAGES & BENEFITS	1,576,358	-	-	-
5702	Safety Supplies	2,500			
5703	Recruiting Expense	-			
5704	Temporary Services	20,000			
5710	Small Tools	500		1,500	
5711	Books & Subscriptions	500			
5719	Equipment Maintenance	7,500			
5721	Data Collections			125,000	
5724	Licenses/Dues & Fees	3,000			
5725	Auto Expenses	25,000			
5726	Travel Expenses	34,000			
5728	Education, Training & Conferences	34,000			
5729	Consulting				50,000
5729	Consulting - Grant Funded (60-5729-5000)				
5737	USGS		400,000		
5810	Other Expenses	5,000			
	NON-LABOR EXP	132,000	400,000	126,500	50,000
	TOTAL DEPT EXPENSES	1,708,358	400,000	126,500	50,000

Water Resources (WR) – Dept #60

Department Budget Initiative Detail (Page 2 Of 2)

		Break Out Special Projects	Small Systems 505	Bureau of Recl. 403	FY 20/21 Total
	ADMINISTRATIVE EXPENSES:				
5600	Dept Wages				978,744
5612	Dept Overtime				-
5613	Flex Benefits Plan				177,100
5614	Payroll Taxes				33,519
5615	Misc Benefit				6,000
5616	Workers Compensation Expense				22,022
5618	Health Insurance - Dental/Vision - Employees				21,129
5620	Health Ins Reimb - FSA				-
5621	Deferred Comp Contributions				48,937
5623	PERS Retirement				288,907
	TOTAL WAGES & BENEFITS	-	-	-	1,576,358
5702	Safety Supplies				2,500
5703	Recruiting Expense				-
5704	Temporary Services				20,000
5710	Small Tools				2,000
5711	Books & Subscriptions				500
5719	Equipment Maintenance				7,500
5721	Data Collections				125,000
5724	Licenses/Dues & Fees				3,000
5725	Auto Expenses				25,000
5726	Travel Expenses				34,000
5728	Education, Training & Conferences				34,000
5729	Consulting	498,000	100,000	100,000	748,000
5729	Consulting - Grant Funded (60-5729-5000)	350,000			350,000
5737	USGS				400,000
5810	Other Expenses				5,000
	NON-LABOR EXP	848,000	100,000	100,000	1,756,500
	TOTAL DEPT EXPENSES	848,000	100,000	100,000	3,332,858

Watermaster (WM) – Dept #90

Department Budget Summary

		FY 17/18 Actual	FY 18/19 Actual	FY 19/20 Budget	Actual YTD as of 02/29/2020	FY 19/20 Projected	FY 20/21 Budget	FY 21/22 Budget
	ADMINISTRATIVE EXPENSES:							
5600	Dept Wages	406,867	434,273	448,569	308,670	445,857	464,688	478,629
5612	Dept Overtime	2,257	3,707	4,000	2,031	3,000	4,000	4,000
5613	Flex Benefits Plan	47,548	48,162	43,630	35,343	51,051	70,840	72,965
5614	Payroll Taxes	12,524	13,700	14,274	9,910	14,314	15,530	15,996
5616	Workers Compensation Expense	2,116	2,279	2,635	2,553	2,553	2,395	2,467
5618	Health Insurance - Dental/Vision - Employees	7,752	8,231	8,493	5,892	8,511	8,493	8,748
5620	Health Ins Reimb - FSA	5,892	10,697	10,600	5,548	5,548	-	-
5621	Deferred Comp Contributions	-	21,212	22,428	15,642	22,594	23,234	23,931
5623	PERS Retirement	92,139	99,001	112,304	99,615	143,888	153,165	157,760
	TOTAL WAGES & BENEFITS	577,095	641,262	666,933	485,204	697,316	742,345	764,496
5702	Safety Supplies	-	-	500	-	500	500	500
5710	Small Tools	-	-	250	-	250	250	250
5711	Books & Subscriptions	-	-	50	29	50	50	50
5713	Printing	-	-	500	-	500	500	500
5725	Auto Expenses	310	478	500	205	500	500	500
5726	Travel Expenses	-	224	9,000	2,737	5,500	8,000	8,000
5728	Education, Training & Conferences	-	-	8,000	38	2,000	6,000	6,000
5736	Engineering, General	64,284	137,296	93,500	68,625	93,500	93,500	93,500
5741	Aerial Photos	10,875	10,531	11,000	9,125	11,000	11,000	11,000
	NON-LABOR EXP	75,469	148,529	123,300	80,759	113,800	120,300	120,300
	TOTAL DEPT EXPENSES	652,564	789,791	790,233	565,963	811,116	862,645	884,796
5610	Labor & Benefits from Watermaster	(288,547)	(320,550)	(333,467)	(181,766)	(348,658)	(371,173)	(382,248)
	Total Capital Labor & OH Out	(288,547)	(320,550)	(333,467)	(181,766)	(348,658)	(371,173)	(382,248)
	TOTAL NET DEPT EXPENSES:	364,017	469,241	456,766	384,197	462,458	491,472	502,548

Fiscal Year 2020/2021 Departmental Initiatives and Descriptions

Linking important objectives with necessary resources requires a process that identifies Goals and Key Elements of those goals at the very beginning of the budget process. For this reason, each year the budget process begins with reassessment of the Key Elements and confirming that all the projects in progress and planned truly reflect the goals of the Agency and the Board of Directors, the needs of the Stakeholders and Community, and any fiscal constraints revealed through the budget process.

The goals identified in the Strategic Plan are:

- Goal 1: Develop sound fiscal and organizational policies that allow the Agency to be effective, innovative and responsive.
- Goal 2: Manage SWP entitlement to meet future demands while maintaining independence during periods of water shortages.
- Goal 3: Coordinate efforts to maintain adequate water quality so that groundwater is safe for drinking and other beneficial uses.
- Goal 4: Develop public awareness so that individuals and stakeholder organizations support our efforts and understand their role in contributing to the Agency's mission.
- Goal 5: Advance understanding of basin hydrogeology to support efficient management of water resources.
- Goal 6: Promote efficient use of the region's water resources through regional conservation programs.

Information Technology Department (IT)

Aerial Photos (Project 450): Goal 5

This project deals with the acquisition of digital imagery used for the purpose of verifying information collected as part of the adjudication. Printed and digital images are acquired for the entire adjudicated boundaries using third party aircraft and camera equipment.

Community Outreach & Employee Relations Department (PI)

Community Relations (Project 226): Goal 4

All costs and labor incurred through a variety of public information endeavors, including but not limited to: consulting fees for specialized services including graphic arts, photography and videography, etc., as well as costs associated with development of publications, public information specific advertising, purchase of outreach materials, unanticipated advertising, and costs for events that don't have their own job code, such as the Newly Elected Officials Orientation, as well as the ABC's of Water program and the ABC's of Water Academy.

Strategic Partnership Program (Project 227): Goal 4 & 6

This funding category offers MWA education and conservation opportunities for special projects that are open to schools, non-profit organizations, cities, the County of San Bernardino, and more. These projects include demonstration gardens, school projects related to resource conservation, and more.

Facility Tours (Project 243): Goal 4 & 5

Bi-annual tours are provided to the public and stakeholder community to reinforce understanding of the Agency and its function. Tours are conducted at local Agency facilities, such as pipeline and recharge sites, and the new Operations Center. These tours provide the participants with a sense of the scope of the programs that involve MWA, and provide understanding of the Agency and its relationship to the State Water Project.

Annual High Desert Water Summit (Project 259): Goal 4 & 6

This program highlights key water issues facing the Mojave region to further reinforce the benefits of integrated, regional planning to develop long-range solutions to ensure a sustainable water supply, as well as reinforce the benefits of water conservation

AWAC (Project 305): Goal 4 & 6

MWA continues to provide leadership to the broad based water coalition known as the Alliance for Water Awareness and Conservation (AWAC). AWAC was formed in 2003 to combine the knowledge and resources of a variety of public and private organizations.

Community Outreach & Employee Relations Department (PI) continued

Demonstration Garden (Project 344): Goal 6

MWA has a demonstration garden that displays more than 35 different plant species that will survive and thrive in a desert climate. The Demonstration Garden is open to the public for self-guided tours, and the Agency provides a bibliography describing each of the plants contained in the garden.

County Conference (Project 381): Goal 4

MWA is co-sponsor of the San Bernardino County's Annual Water Conference that brings together water professionals and policy makers to address regional and statewide water issues.

Water Conservation Incentive Program WCIP (Project 386): Goal 6

In cooperation with the Alliance for Water Awareness and Conservation, MWA implemented the WCIP, a regional program offering a variety of incentives to customers of retail water agencies ranging from turf removal to installation of dual flush, low flow toilets. The Program offers cash, vouchers and rebates to reduce per capita water consumption to meet state mandates.

Annual High School High Desert Water Summit (Project 397): Goal 4, 5 & 6

This program is aimed at high school STEAM students to provide a scientific understanding of the region's water resources. The program is designed to engage students and encourage them to consider a career in the water industry.

Water Resources Department (WR)

USGS Cooperative (Project 230): Goals 3 and 5

The United States Geological Survey is a key partner in the data gathering effort to support resource management in the Mojave Desert. Through a cooperative agreement with the USGS, MWA receives services that include surface water monitoring/sampling, well monitoring, water quality sampling and various other support functions over the course of the year. In most cases, the work is done through a cost sharing arrangement.

Data Collection Project 310): Goals 3 and 5

Costs associated with water quality sampling, groundwater monitoring, weather station data, and real time monitoring stations. Funds will also be for monitoring stations maintenance, upgrades, repair, special data collection projects, and small-directed studies where specific data are needed.

Water Resources Department (WR) continued

Special Projects (Project 336): Goals 3 and 5

Provides funding for consultant support on grants, miscellaneous water supply projects, specialized hydrogeological studies and analysis needed to support projects. Money set aside this year includes continued work on the Invasive Species project maintenance for weed removal from the Mojave River, and other MCRCD cooperative programs, work to define natural systems to support the Judgment, water banking analysis and a full accounting of water rights and agreements from the top of the watershed(s) into the MWA service area.

Small Systems (Project 505): Goals 3 and 4

As identified by stakeholders during the Integrated Regional Water Management (IRWM) Plan process, there was an overwhelming agreement to help and support Disadvantaged Communities (DACs) and a Small Systems Program has been developed to support and assist DACs. In the IRWM Plan process, this objective was ranked as a high importance and a high urgency project. The scope of this program to provide guidance/assistance with grant applications, performing needs assessments, providing specific training to DACs, and applying for state and/or federal funding related to improving water management practices.

Bureau of Reclamation (Project 403): Goal 1

Funding for grant procurement and matching funds for potential projects performed within the Agency's boundary by the United States Bureau of Reclamation if Federal Bureau funds are available. Anticipated projects include evaluation of specific recharge site(s) and water banking programs.

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Salary Schedule Effective July 1, 2020

Classification	Salary Range	Annual			Monthly			Bi-Weekly			Hourly		
		Bottom	Mid	Top	Max *	Bottom	Mid	Top	Max *	Bottom	Mid	Top	Max *
Office Assistant	6	36,848	42,989	51,587	56,746	3,071	3,582	4,299	4,729	1,417.23	1,653.44	1,984.12	2,182.54
Account Clerk	10	40,673	47,452	56,943	62,637	3,389	3,954	4,745	5,220	1,564.36	1,825.08	2,190.10	2,409.11
Administrative Assistant	18	49,556	57,816	69,379	76,317	4,130	4,818	5,782	6,360	1,906.02	2,223.69	2,668.42	2,935.27
Pump Maintenance Technician													
Senior Accounting Technician													
Water Resources Specialist I													
Water Systems Operator I													
Watermaster Specialist I													
Water Resources Data Analyst I													
Senior Administrative Assistant	22	54,701	63,818	76,581	84,240	4,558	5,318	6,382	7,020	2,103.89	2,454.53	2,945.44	3,239.99
Water Resources Specialist II													
Water Systems Operator II													
Watermaster Specialist II													
GIS Technician													
Accountant	27	61,889	72,204	86,645	95,309	5,157	6,017	7,220	7,942	2,380.35	2,777.08	3,332.50	3,665.75
Public Information Specialist													
Water Resources Planning Analyst I													
Senior Water Resources Specialist	28	63,436	74,009	88,811	97,692	5,286	6,167	7,401	8,141	2,439.86	2,846.51	3,415.81	3,757.39
Senior Watermaster Specialist													
Water Systems Operator, Senior													
Network Administrator	31	68,314	79,700	95,640	105,204	5,693	6,642	7,970	8,767	2,627.47	3,065.38	3,678.45	4,046.30
Senior CAD Systems Technician													
GIS Analyst													
Senior Accountant	33	71,773	83,735	100,482	110,530	5,981	6,978	8,373	9,211	2,760.48	3,220.56	3,864.67	4,251.14
Water Resources Data Analyst II													
Water Resources Planning Analyst II													
Executive Assistant	34	73,567	85,828	102,994	113,293	6,131	7,152	8,583	9,441	2,829.49	3,301.08	3,961.29	4,357.42
Senior Water Resources Data Analyst	39	83,234	97,106	116,528	128,181	6,936	8,092	9,711	10,682	3,201.31	3,734.86	4,481.84	4,930.02
Senior Water Resources Planning Analyst													
Water Resources Hydrogeologist													
Database Program Administrator	40	85,315	99,534	119,441	131,385	7,110	8,295	9,953	10,949	3,281.35	3,828.24	4,593.88	5,053.27
Water Systems Operator Supervisor													
Water Resources Supervisor													
Water Conservation and Forecast Manager	44	94,172	109,867	131,840	145,025	7,848	9,156	10,987	12,085	3,621.99	4,225.66	5,070.79	5,577.87
Senior Hydrogeologist/Engineer	45	96,526	112,614	135,136	148,650	8,044	9,384	11,261	12,388	3,712.54	4,331.30	5,197.56	5,717.31
Senior Hydrogeologist													
Accounting Manager	47	101,413	118,315	141,978	156,176	8,451	9,860	11,831	13,015	3,900.49	4,550.57	5,460.68	6,006.75
Finance Manager													
Human Resources Manager													
Land Acquisition Manager													

**Mojave Water Agency
Proposed Salary Plan
July 1, 2020**

Classification	Salary Range	Annual				Monthly				Bi-Weekly				Hourly			
		Bottom	Mid	Top	Max *	Bottom	Mid	Top	Max *	Bottom	Mid	Top	Max *	Bottom	Mid	Top	Max *
Information System Manager Senior Project Manager/Engineering Controller Water Resources Principal Hydrogeologist	53	117,608	137,209	164,651	181,116	9,801	11,434	13,721	15,093	4,523.37	5,277.27	6,332.72	6,965.99	56.54	65.97	79.16	87.07
Director of Community Outreach and Cultural Relations Director of Operations Superintendent of Operations Watermaster Services Manager	59	136,389	159,120	190,944	210,039	11,366	13,260	15,912	17,503	5,245.72	6,120.01	7,344.01	8,078.41	65.57	76.50	91.80	100.98
Chief Financial Officer Director of Basin Management and Resource Planning Director of Engineering	61	143,293	167,176	200,611	220,672	11,941	13,931	16,718	18,389	5,511.29	6,429.84	7,715.80	8,487.38	68.89	80.37	96.45	106.09
Assistant General Manager Director Engineering & Operations	67	166,177	193,873	232,647	255,912	13,848	16,156	19,387	21,326	6,391.40	7,456.64	8,947.97	9,842.76	79.89	93.21	111.85	123.03
General Manager	75	202,470	236,215	283,458	311,804	16,872	19,685	23,621	25,984	7,787.31	9,085.19	10,902.23	11,992.45	97.34	113.56	136.28	149.91

* 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.