

601 N. Moapa Valley Boulevard \* Post Office Box 257 \* Logandale, Nevada \* 89021  
Telephone (702) 397-6893 \* Facsimile (702) 397-6894

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To: Chairman Randy Tobler and MVWD Board of Directors

From: Joseph Davis, General Manager

Date: May 17, 2022

Subject: Final Budget – Fiscal Year 2023

### **Background**

Staff has completed the preparation of the “Final Budget” for fiscal year 2023. The budget shows a change in net position of \$400,389 and a total net decrease of (\$2,173,672) This includes \$1,500,000 ARPA grant (District’s net decrease is \$673,672)

The Department of Taxation has examined the Moapa Valley Water District’s Fiscal Year 2022-2023 tentative budget and found it to be in compliance with applicable statutes and regulations. The District needs to adopt and file the final budget with both the County Clerk and Department of Taxation prior to June 1, 2022.

Staff has incorporated the comments from last month’s Board of Directors meeting concerning approval of the purchasing of capital improvement items that are budgeted & formally approved in the District Fiscal Year 2023 budget.

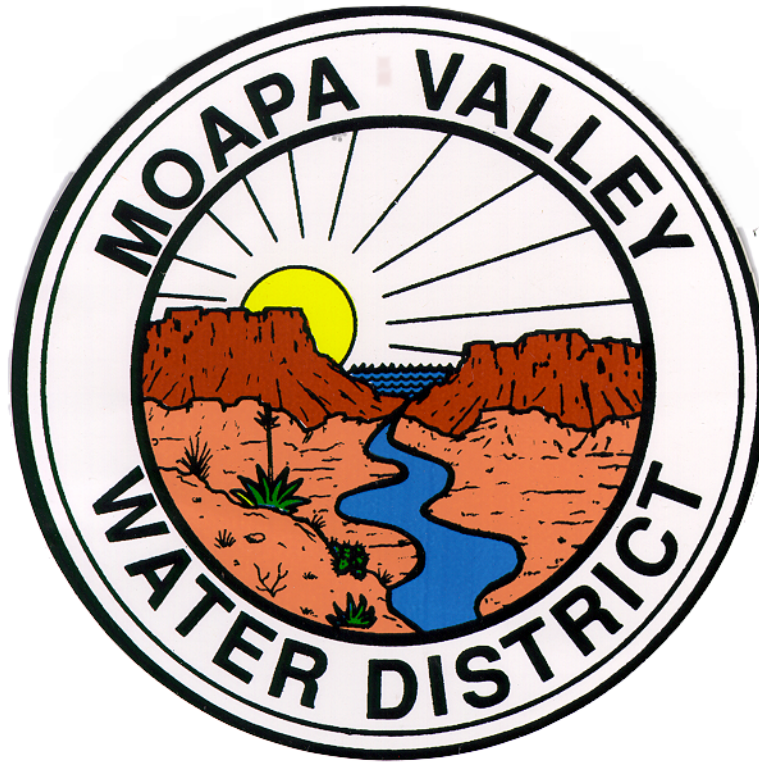
**The General Manager has the authority & approval to solicit bids & purchase all Capital Improvement items identified in the Moapa Valley Water District FY2023 Budget as long as the following criteria are met**

- **Purchases are within the approved budgeted amount**
- **The Board of Directors are notified of the budgeted purchases at the next Board of Directors meeting**
- **All purchases above the approved budgeted amount must be approved by the Board of Directors prior to the purchase being made.**

### **Suggested Motion**

Move to approve the Moapa Valley Water District Final FY23 budget as presented and to establish the approval of the General Manager to purchase the capital improvement budgeted items as listed above.





Moapa Valley Water District

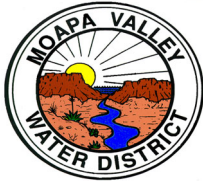
FY 2023 Budget



Department of Taxation

Budget Forms





601 N. Moapa Valley Boulevard \* P.O. Box 257 Logandale, Nevada 89021  
contact@moapawater.com \* Telephone (702) 397-6893 \* Facsimile (702) 397-6894

Nevada Department of Taxation  
1550 College Parkway, Suite 115  
Carson City, NV 89706-7937

Moapa Valley Water District \_\_\_\_\_ herewith submits the (TENTATIVE) -- **(FINAL)** budget for the  
fiscal year ending June 30, 2023

This budget contains 1 funds, including Debt Service, requiring property tax revenues totaling \$0.00

The property tax rates computed herein are based on preliminary data. If the final state computed revenue limitation permits,  
the tax rate will be increased by an amount not to exceed \_\_\_\_\_. If the final computation requires, the tax rate will be  
lowered.

This budget contains 0 governmental fund types with estimated expenditures of \$0.00 and  
1 proprietary funds with estimated expenses of \$ 4,484,820

Copies of this budget have been filed for public record and inspection in the offices enumerated in NRS 354.596 (Local  
Government Budget and Finance Act).

#### CERTIFICATION

I Joseph Davis  
(Print Name)  
General Manager  
(Title)  
certify that all applicable funds and financial  
operations of this Local Government are  
listed herein

Signed: \_\_\_\_\_

Dated: \_\_\_\_\_

Phone: 702-397-6893

APPROVED BY THE GOVERNING BOARD  
Only necessary for **FINAL** Budget  
(Signature by DocuSign is acceptable)

#### SCHEDULED PUBLIC HEARING:

(Must be held from May 16, 2022 to May 31, 2022 this year)

Date and Time: May 25, 2022 4:00pm

Publication Date: 18-May-22

Place: Moapa Valley Water District Office. 601 N Moapa Valley Blvd. Overton NV 89040

FULL TIME EQUIVALENT EMPLOYEES BY FUNCTION

	ACTUAL PRIOR YEAR YEAR 06/30/21	ESTIMATED CURRENT YEAR YEAR 06/30/22	BUDGET YEAR YEAR 06/30/23
General Government			
Judicial			
Public Safety			
Public Works			
Sanitation			
Health			
Welfare			
Culture and Recreation			
Community Support			
TOTAL GENERAL GOVERNMENT			
Utilities	18	19	19
Hospitals			
Transit Systems			
Airports			
Other			
TOTAL	18	19	19

POPULATION (AS OF JULY 1)			
SOURCE OF POPULATION ESTIMATE*	2.65 X Est, Res. Unit	2.65 X Est, Res. Unit	2.65 X Est, Res. Unit
Assessed Valuation (Secured and Unsecured Only)	207,813,038	211,219,728	229,419,572
Net Proceeds of Mines	-	-	-
TOTAL ASSESSED VALUE	207,813,038	211,219,728	229,419,572
TAX RATE			
General Fund			
Special Revenue Funds			
Capital Projects Funds			
Debt Service Funds			
Enterprise Fund			
Other			
TOTAL TAX RATE			

**\* Use the population certified by the state in March each year. Small districts may use a number developed per the instructions (page 6) or the best information available**

Moapa Valley Water District  
(Local Government)

SCHEDULE S-2 - STATISTICAL DATA



SCHEDULE A-2 PROPRIETARY AND NONEXPENDABLE TRUST FUNDS

Budget For Fiscal Year Ending June 30, 2023

Budget Summary for Moapa Valley Water District  
(Local Government)

FUND NAME	*	OPERATING REVENUES (1)	OPERATING EXPENSES (2) **	NONOPERATING REVENUES (3)	NONOPERATING EXPENSES (4)	OPERATING TRANSFERS		NET INCOME (7)
						IN (5)	OUT(6)	
Proprietary		\$ 4,488,215	\$ 4,387,331	\$ 396,994	\$ 97,489	\$ -	\$ -	\$ 400,389
TOTAL		4488215	4387331	396994	97489	0	0	400389

\* FUND TYPES: E - Enterprise  
I - Internal Service  
N - Nonexpendable Trust

\*\* Include Depreciation

<b>PROPRIETARY FUND</b>	(1)	(2)	(3) (4) BUDGET YEAR ENDING 06/30/23	
	ACTUAL PRIOR YEAR ENDING 6/30/2021	ESTIMATED CURRENT YEAR ENDING 6/30/2022	TENTATIVE APPROVED	FINAL APPROVED
<b>OPERATING REVENUE</b>				
Water Sales	\$ 4,180,189	\$ 4,080,000	\$ 4,282,215	\$ 4,282,215
Connection Fees	\$ 30,000	\$ 8,000	\$ 6,000	\$ 6,000
340A Contract	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000
<b>Total Operating Revenue</b>	<b>\$ 4,410,189</b>	<b>\$ 4,288,000</b>	<b>\$ 4,488,215</b>	<b>\$ 4,488,215</b>
<b>OPERATING EXPENSE</b>				
Wages & Salaries	\$ 1,212,186	\$ 1,220,000	\$ 1,373,480	\$ 1,373,480
Employee Benefits	\$ 580,653	\$ 610,000	\$ 654,851	\$ 654,851
Resource Development & Protection	\$ 88,260	\$ 90,000	\$ 216,000	\$ 216,000
Regulatory Compliance	\$ 28,046	\$ 30,000	\$ 45,000	\$ 45,000
Distribution System Operation	\$ 28,860	\$ 30,000	\$ 54,000	\$ 54,000
Distribution System Maintenance	\$ 261,668	\$ 260,000	\$ 270,000	\$ 270,000
Production Operation	\$ 99,106	\$ 100,000	\$ 115,000	\$ 115,000
Production Maintenance	\$ 5,677	\$ 5,000	\$ 40,000	\$ 40,000
Customer Accounts	\$ 49,877	\$ 50,000	\$ 59,000	\$ 59,000
General Administration	\$ 562,951	\$ 656,000	\$ 690,000	\$ 690,000
340A Contract	\$ 7,445	\$ 8,000	\$ 10,000	\$ 10,000
Depreciation/Amortization	\$ 856,344	\$ 858,000	\$ 860,000	\$ 860,000
<b>Total Operating Expense</b>	<b>\$ 3,781,073</b>	<b>\$ 3,917,000</b>	<b>\$ 4,387,331</b>	<b>\$ 4,387,331</b>
<b>Operating Income or (Loss)</b>	<b>\$ 629,116</b>	<b>\$ 371,000</b>	<b>\$ 100,884</b>	<b>\$ 100,884</b>
<b>NONOPERATING REVENUES</b>				
Interest Income	\$ 4,347	\$ 4,000	\$ 2,000	\$ 2,000
Capacity Fees	\$ 53,660	\$ 14,000	\$ 8,000	\$ 8,000
1/4-Cents Sales Tax	\$ 386,444	\$ 310,000	\$ 300,000	\$ 300,000
Miscellaneous Income	\$ 5,861	\$ 2,000	\$ 5,000	\$ 5,000
Other Non-Operating Income	\$ 1,646	\$ 2,000	\$ -	\$ -
Water Resources Development Fee/(PIL)	\$ 6,500	\$ 13,000	\$ -	\$ -
Water Share Lease Program	\$ 25,086	\$ 27,300	\$ 29,000	\$ 29,000
Contributions in Aid of Construction	\$ 57,671	\$ 6,000	\$ -	\$ -
Gain/(Loss) on Disposal of Assets	\$ -	\$ -	\$ -	\$ -
340A Reimbursement	\$ 52,994	\$ 52,994	\$ 52,994	\$ 52,994
<b>Total Nonoperating Revenues</b>	<b>\$ 594,209</b>	<b>\$ 431,294</b>	<b>\$ 396,994</b>	<b>\$ 396,994</b>
<b>NONOPERATING EXPENSES</b>				
Reimbursement of Development Fees	\$ 178,840	\$ -	\$ -	\$ -
Interest Expense	\$ 75,401	\$ 105,400	\$ 87,489	\$ 87,489
Miscellaneous Expense	\$ 8,600	\$ 7,000	\$ 10,000	\$ 10,000
<b>Total Nonoperating Expenses</b>	<b>\$ 262,841</b>	<b>\$ 112,400</b>	<b>\$ 97,489</b>	<b>\$ 97,489</b>
<b>Net Income before Operating Transfers</b>	<b>\$ 331,368</b>	<b>\$ 318,894</b>	<b>\$ 299,505</b>	<b>\$ 299,505</b>
<b>Transfers (Schedule T)</b>				
<b>In</b>	\$ -	\$ -	\$ -	\$ -
<b>Out</b>	\$ -	\$ -	\$ -	\$ -
<b>Net Operating Transfers</b>	\$ -	\$ -	\$ -	\$ -
<b>CHANGE IN NET POSITION</b>	<b>\$ 960,484</b>	<b>\$ 689,894</b>	<b>\$ 400,389</b>	<b>\$ 400,389</b>

Moapa Valley Water District  
(Local Government)

SCHEDULE F-1 REVENUES, EXPENSES AND NET POSITION

FUND Enterprise

PROPRIETARY FUND	(1)	(2)	(3) (4) BUDGET YEAR ENDING 06/30/23	
	ACTUAL PRIOR YEAR ENDING 6/30/2021	ESTIMATED CURRENT YEAR ENDING 6/30/2022	TENTATIVE APPROVED	FINAL APPROVED
<b>A. CASH FLOWS FROM OPERATING ACTIVITIES</b>				
Cash Received From Customers, Water Use Fees	\$ 4,188,377	\$ 4,080,000	\$ 4,288,215	\$ 4,288,215
Cash Paid to Suppliers for Goods and Services	\$ (1,351,207)	\$ (1,229,000)	\$ (1,499,000)	\$ (1,499,000)
Cash Paid to Employees	\$ (1,749,135)	\$ (1,830,000)	\$ (2,028,331)	\$ (2,028,331)
Cash Received for 340A	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000
Cash Paid for 340A	\$ (12,058)	\$ 10,000	\$ (10,000)	\$ (10,000)
<b>a. Net cash provided by (or used for) operating activities</b>	<b>\$ 1,275,977</b>	<b>\$ 1,231,000</b>	<b>\$ 950,884</b>	<b>\$ 950,884</b>
<b>B. CASH FLOWS FROM NONCAPITAL FINANCING ACTIVITIES:</b>				
Inter Government Revenues	\$ 304,243	\$ 310,000	\$ 300,000	\$ 300,000
Other Non-Operating	\$ 1,645	\$ 2,000	\$ -	\$ -
Water Resource Development (PIL)	\$ 6,500	\$ 13,000	\$ -	\$ -
Water Shares Lease Program	\$ 25,086	\$ 27,300	\$ 29,000	\$ 29,000
Contributions in Aid of Construction	\$ 57,671	\$ 6,000	\$ -	\$ -
Capacity Fees	\$ 53,660	\$ 14,000	\$ 8,000	\$ 8,000
Miscellaneous Income	\$ 5,861	\$ 2,000	\$ 5,000	\$ 5,000
340A Reimbursement	\$ 52,994	\$ 52,994	\$ 52,994	\$ 52,994
<b>b. Net cash provided by (or used for) noncapital financing activities</b>	<b>\$ 507,660</b>	<b>\$ 427,294</b>	<b>\$ 394,994</b>	<b>\$ 394,994</b>
<b>C. CASH FLOWS FROM CAPITAL AND RELATED FINANCING ACTIVITIES:</b>				
Principle of Long Term Debt	\$ (734,859)	\$ (466,408)	\$ (481,444)	\$ (481,444)
Interest in Long Term Debt	\$ (91,448)	\$ (105,400)	\$ (87,489)	\$ (87,489)
Proceeds from the Sale of Capital Assets	\$ -	\$ -	\$ 100,000	\$ 100,000
Purchase of Fixed Assets (Fixed Asset Replacement Acct)	\$ (286,514)	\$ (1,000,000)	\$ (291,500)	\$ (291,500)
Capital Improvements (Infrastructure Replacement Acct)	\$ (565,888)	\$ (144,000)	\$ (2,690,000)	\$ (2,690,000)
Water Resouce Development (Water Resource Dev. Acct.)	\$ -	\$ -	\$ (100,000)	\$ (100,000)
Arsenic Media (Media Replacement Acct)	\$ -	\$ -	\$ -	\$ -
Proceeds from Long Term Debt	\$ -	\$ -	\$ -	\$ -
Proceeds from Grants	\$ 63,430	\$ 1,575,000	\$ 75,000	\$ 75,000
Miscellaneous Expense	\$ (8,600)	\$ (7,000)	\$ (10,000)	\$ (10,000)
Reimbursement of Development Fees	\$ (178,840)	\$ -	\$ -	\$ -
<b>c. Net cash provided by (or used for) capital and related financing activities</b>	<b>\$ (1,802,719)</b>	<b>\$ (147,808)</b>	<b>\$ (3,485,433)</b>	<b>\$ (3,485,433)</b>
<b>D. CASH FLOWS FROM INVESTING ACTIVITIES:</b>				
Interest on Investments	\$ 4,347	\$ 4,000	\$ 2,000	\$ 2,000
Losses on Investments	\$ -	\$ -	\$ -	\$ -
<b>d. Net cash provided by (or used in) investing activities</b>	<b>\$ 4,347</b>	<b>\$ 4,000</b>	<b>\$ 2,000</b>	<b>\$ 2,000</b>
<b>NET INCREASE (DECREASE) in cash and cash equivalents (a+b+c+d)</b>	<b>\$ (14,735)</b>	<b>\$ 1,514,486</b>	<b>\$ (2,137,555)</b>	<b>\$ (2,137,555)</b>
<b>CASH AND CASH EQUIVALENTS AT JULY 1, 20xx</b>	<b>\$ 6,787,342</b>	<b>\$ 6,772,607</b>	<b>\$ 8,287,093</b>	<b>\$ 8,287,093</b>
<b>CASH AND CASH EQUIVALENTS AT JUNE 30, 20xx</b>	<b>\$ 6,772,607</b>	<b>\$ 8,287,093</b>	<b>\$ 6,149,538</b>	<b>\$ 6,149,538</b>

Moapa Valley Water District

(Local Government)

SCHEDULE F-2 STATEMENT OF CASH FLOWS

FUND Enterprise

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Schedule F-2

ALL EXISTING OR PROPOSED  
GENERAL OBLIGATION BONDS, REVENUE BONDS,  
MEDIUM-TERM FINANCING, CAPITAL LEASES AND  
SPECIAL ASSESSMENT BONDS

\* - Type

- 1 - General Obligation Bonds
- 2 - G.O. Revenue Supported Bonds
- 3 - G.O. Special Assessment Bonds
- 4 - Revenue Bonds
- 5 - Medium-Term Financing

6 - Medium-Term Financing - Lease Purchase  
7 - Capital Leases  
8 - Special Assessment Bonds  
9 - Mortgages  
10 - Other (Specify Type)  
11 - Proposed (Specify Type)

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
NAME OF BOND OR LOAN List and Subtotal By Fund	TYPE *	TERM	ORIGINAL AMOUNT OF ISSUE	ISSUE DATE	FINAL PAYMENT DATE	INTEREST RATE	BEGINNING OUTSTANDING BALANCE 7/1/2022	REQUIREMENTS FOR FISCAL YEAR ENDING 06/30/23  INTEREST PAYABLE	PRINCIPAL PAYABLE	(9)+(10)  TOTAL
FUND								\$	\$	\$
State Revolving Fund Series2008	2	20	\$ 1,500,000	2/1/2008	1/1/2028	2.780%	\$597,625.00	\$15,973	\$92,858	\$108,831
GO (LT) Ref Series 2013A	2	10	\$ 1,075,000	2/20/2013	8/1/2022	5.000%	\$135,000.00	\$3,375	\$135,000	\$138,375
GO (LT) Ref Series 2015	2	10	\$ 2,355,000	11/3/2015	2/1/2026	2% to 5%	\$570,000.00	\$22,800	\$130,000	\$152,800
GO (LT) Water Ref Series 2017	2	20	\$ 2,700,000	12/21/2017	7/1/2037	2.06%	\$2,231,755.00	\$45,341	\$123,586	\$168,926
							\$	\$	\$	\$
							\$	\$	\$	\$
							\$	\$	\$	\$
							\$	\$	\$	\$
							\$	\$	\$	\$
							\$	\$	\$	\$
							\$	\$	\$	\$
							\$	\$	\$	\$
							\$	\$	\$	\$
							\$	\$	\$	\$
							\$	\$	\$	\$
							\$	\$	\$	\$
TOTAL ALL DEBT SERVICE							\$3,534,380	\$87,489	\$481,444	\$568,933

SCHEDULE C-1 - INDEBTEDNESS

Moapa Valley Water District Budget Fiscal Year 23  
(Local Government)

Page: 6  
**Schedule C-1**

# SCHEDULE OF EXISTING CONTRACTS

Budget Year 2022-2023

Local Government: Moapa Valley Water District  
 Contact: Jeannie Poynor  
 E-mail Address: [jeannie@nmoapawater.com](mailto:jeannie@nmoapawater.com)  
 Daytime Telephone: 702-397-6893

Total Number of Existing Contracts: \_\_\_\_\_

Line	Vendor	Effective Date of Contract	Termination Date of Contract	Proposed Expenditure F23 2023-23	Proposed Expenditure 2023-2024	Reason or need for contract:
1	Hinton Burdick	3/18/2019	11/1/2021	\$ 13,500	\$ 14,000.00	Auditing Services
2	Les Olsen	9/5/2019	30 DAYS WRIT	\$ 27,500	\$ 27,500	Managed IT Support Services
3	Mail Finance, Inc.	4/19/2019	4/19/2024	\$ 1,390	\$ 1,390	Folder Inserter for Customer Billiing
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20	Total Proposed Expenditures					

Additional Explanations (Reference Line Number and Vendor):

Page: \_\_\_\_\_

Schedule 31



# Base Line Budget Justification





# Moapa Valley Water District Operating Expense Accounts

Account No.	Account Name	Account No.	Account Name
<b>50500</b>	<b>Resource/Develop &amp; Protect</b>	<b>65000</b>	<b>Customer Accounts Expenses</b>
50710	Rent & Assessments	65200	Billing Expenses
50810	Materials & Supplies	65230	Postage
50840	Miscellaneous Dev & Protect	65240	Credit Card Processing Fees
50860	Engineering	65310	Materials & Supplies
		65340	Miscellaneous/Lien Fees
		65620	Telephone - Land
<b>51000</b>	<b>Regulatory Compliance</b>	<b>70000</b>	<b>General &amp; Administrative</b>
51220	Permits & Licenses	70191	PEBP - Health Insur / Retirees
51230	Compliance Materials / Supplies	70130	Workers Compensation
51250	Backflow Program	70200	Computers - Softwr/Supp/Maint
51300	Monitoring Expenses	70210	Office Equip - Leases & Maint
51350	Quality Testing/Assurance	70220	Directors / Fees & Meetings
51370	Laboratory Expenses	70250	Licenses/Fees/Subscriptions
51410	Safety - Mtrl & Supplies	70290	Fuel
<b>60000</b>	<b>Dist System - Operation</b>	70300	Utilities
60310	Materials & Supplies	70310	Radio & Telephones
60340	Small Tools & Other Misc	70320	Office Supplies
60570	Equipment Rental	70330	Cellular Phones
60650	SCADA - Material & Repairs/Sup	70340	Computer Expense
<b>61000</b>	<b>Dist System - Maint.</b>	70350	Contractual Services
61310	Materials & Supplies	70370	Legal
61340	Other Miscellaneous	70380	Accounting & Financial Service
61560	Equipment Maintenance	70390	Governmental Affairs
61590	Overhead equipment costs	70410	General Liability
61750	Meter Maintenance Expenses	70420	Vehicle Maintenance
61800	Hydrant Maintenance Expenses	70430	Uniforms
<b>62000</b>	<b>Treatment Operations</b>	70450	Public Relations
62240	Chemicals	70460	Advertising
62310	Materials & Supplies	70470	Contributions
62340	Small Tools & Other Misc.	70480	Miscellaneous
62650	SCADA - Material & Supplies	70490	Travel & Entertainment
		70500	Building Maint & Repair
<b>63000</b>	<b>Treatment Maintenance</b>		
63310	Materials & Supplies		

## 340A Operating Expense Accounts

**Account No.      Account Name**

**55000.02      340A Project**

55220.02 Chemicals  
55270.02 Utilities - Power  
55280.02 Utilities - Communications  
55290.02 Uniforms  
55310.02 Materials & Supplies/O & M  
55340.02 Small Tools & Equipment/O & M  
55360.02 Engineering  
55370.02 Legal  
55390.02 Other Contractual Expenses  
55410.02 General Liability  
55460.02 Materials & Supplies/Reg Compl  
55470.02 Laboratory Services  
55480.02 Other/Reg. Compliance  
55510.02 Materials & Supplies/Veh & Equipt  
55520.02 Vehicle Lease  
55530.02 Fuel  
55570.02 Contract Maint/Repairs/Veh&Equipt  
55580.02 Other, Insurance/Veh & Equipt  
55620.02 Materials & Supplies/Comm  
55630.02 Cellular Phones  
55650.02 SCADA - Materials & Repairs/Sup  
55710.02 General Admin.  
55720.02 IT Hardware/Software  
55730.02 Materials&Supplies/ Ofc & Admin  
55750.02 Temp. Office Expense  
55810.02 Materials & Supplies/Safety  
55820.02 Equipment Maint./Safety  
55830.02 Training/Certification-Safety  
55840.02 Other/Safety  
55850.02 Contingency expenses

# Base Line Budget Detail



## Base Line Detail

Account No.	Account Name	Description
<b>50500</b>	<b>Resource/Develop &amp; Protect</b>	
	50710 Rent & Assessments	Muddy Valley Irrigation rent & assessments
	50810 Materials & Supplies	Materials for water conservation, general public education activities.
	50840 Miscellaneous Dev & Protect	Out of house services required for conservation, MVIC transfer fees & educational program maintenance.
	50860 Engineering	Contracted services with engineers or hydrologists. Professional services for permit preparation. Engineering services, surveying, and services.
<b>51000</b>	<b>Regulatory Compliance</b>	
	51220 Permits & Licenses	Fees for NDOT permits, CCPW permits. Cost associated with permits & licenses for the water distribution system.
	51230 Compliance Materials / Supplies	Materials associated with CCR and water quality public education.
	51250 Backflow Program	Costs for software, postal fees, staff costs, third party testing.
	51300 Monitoring Expenses	Sample bottles, well sounder, etc. Printing, postage, etc. for report preparation and distribution.
	51350 Quality Testing/Assurance	Material sample containers, concrete cylinders, etc.
	51370 Laboratory Expenses	Out of house water quality testing.
	51410 Safety - Mtrl & Supplies	Purchase of non capitalized (<\$5000) safety equipment.
<b>60000</b>	<b>Dist System - Operation</b>	
	60310 Materials & Supplies	Materials for system operation that will not be put on cap sheets such as marking paint, tape, gloves, etc.
	60340 Small Tools & Other Misc	Shovels, tape measures, screw drivers etc.
	60570 Equipment Rental	Equipment rented for District operation, water production or water treatment, or distribution operation.
	60650 SCADA - Material & Repairs/Sup	Materials and supplies purchased for SCADA.
<b>61000</b>	<b>Dist System - Maint.</b>	
	61310 Materials & Supplies	Materials for distribution operation that will not be put on cap sheets such as marking paint, tape, gloves, etc.
	61340 Miscellaneous Distribution Maint	Pest control, employee recognition, etc.
	61560 Equipment Maintenance	Allocation for maintenance on District equipment. I.E. taking the backhoe to the shop, working on equipment.
	61590 Overhead equipment costs	Expense of equipment hours
	61750 Meter Maintenance Expenses	Materials and supplies used for meter maintenance, meter testing materials, out of house meter testing.
	61800 Hydrant Maintenance Expenses	Materials and supplies used for hydrant maintenance expenses I.E. hydrant flowing equipment.
<b>62000</b>	<b>Treatment Operations</b>	
	62240 Chemicals	Chemicals used in the treatment of the Districts water sources
	62310 Materials & Supplies	Materials for treatment operation that will not be put on cap sheets such as marking paint, tape, gloves, etc.
	62340 Small Tools & Other Misc.	Shovels, tape measures, screw drivers etc.
	62650 SCADA - Material & Supplies	Materials and supplies purchased for SCADA.
<b>63000</b>	<b>Treatment Maintenance</b>	
	63310 Materials & Supplies	Materials for production or treatment maintenance. that will not be put on cap sheets such as marking paint, tape, gloves, etc.
<b>65000</b>	<b>Customer Accounts Expenses</b>	
	65200 Billing Expenses	Envelopes, preprinted bills.
	65230 Postage	Postage Machine, postage for billing.
	65240 Credit Card Processing Fees	Fees associated with credit card processing for customer accounts
	65310 Materials & Supplies	Allocation for office supplies, pens, paper, etc.
	65340 Miscellaneous/Lien Fees	Fees associated with the lienng of delinquent accounts for customer accounts
	65620 Telephone - Land	Moapa Valley Telephone

## Base Line Detail

<b>70000</b>	<b>General &amp; Administrative</b>	
70191	PEBP - Health Insur / Retirees	Health insurance for retirees
70130	Workers Compensation	Workers Compensation costs
70200	Computers - Softwr/Supp/Maint	Pelorus, Itech, Passport, XC2, Master Meter, annual support/maintenance agreements, custom programming
70210	Office Equip - Leases & Maint	Postage machine, folder inserter, etc.
70220	Directors / Fees & Meetings	Supplies used at Board Meetings and Director's Fee's.
70250	Licenses/Fees/Subscriptions	Membership fee's, subscriptions.
70290	Fuel	Vehicle & Equipment fuel
70300	Utilities	OPD bills on PRV's or Office Buildings, also Republic Service and Haycock.
70310	Radio & Telephones	Expenses affiliated with the districts radio system
70320	Office Supplies	Purchase of office supplies
70330	Cellular Phones	Verizon
70340	Computer Expense	Purchase of new computers or computer parts such as keyboards etc.
70350	Contractual Services	Outside company's who perform work ofr the District
70370	Legal	Legal services associated with general administration, system operation, production or water treatment, compliance issues, permitting, etc.
70380	Accounting & Financial Service	Fee's associated with accounting & financial services. I.E. auditors, accounting consultants.
70390	Governmental Affairs	Companies contracted to handle our governmental services. I.E. lobbyist.
70410	General Liability	Insurance
70420	Vehicle Maintenance	Vehicle maintenance, materials and supplies
70430	Uniforms	Purchase of sirts, embroidery
70450	Public Relations	Customer give aways, printed material for educational programs
70460	Advertising	Any advertisements posted in any newspapers or board approved advertising.
70470	Contributions	Board approved donations.
70480	Miscellaneous	Allocation for Christmas social, Christmas gift cards, employee recognition, etc.
70490	Travel & Entertainment	Cost's associated with travel such as meals & fuel.
70500	Building Maint & Repair	Office repairs, Rugs.
<b>Account No.</b>	<b>Account Name</b>	
<b>55000.02</b>	<b>340A Project</b>	
55220.02	Chemicals	Any chemicals used for 340A operations and maintenance
55270.02	Utilities - Power	OPD # 5
55280.02	Utilities - Communications	Allocation of the land line phones
55290.02	Uniforms	Clothing/embroidery purchased for Production employees.
55310.02	Materials & Supplies/O & M	Materials and supplies used for operations and maintenance of the 340A
55340.02	Small Tools & Equipment/O & M	Shovels, tape measures, screw drivers etc.
55360.02	Engineering	Engineering services for the 340A Project
55370.02	Legal	Legal Services for 340A
55390.02	Other Contractual Expenses	Work preformed on the 340A by another company
55410.02	General Liability	Liability Insurance for all 340A
55460.02	Materials & Supplies/Reg Compl	Materials and supplies used for compliance for 340A Project
55470.02	Laboratory Services	Testing done on 340A Project
55480.02	Other/Reg. Compliance	printing, postage, etc. for report preparation and distribution
55510.02	Materials & Supplies/Veh & Equipt	Vehicle maintenance or supplies for 340A vehicles
55520.02	Vehicle Lease	Vehicles leasted for 340A project
55530.02	Fuel	Allocation for fuel used for 340A project
55570.02	Contract Maint/Repairs/Veh&Equipt	Equipment maintenance or supplies for 340A vehicles
55580.02	Other, Insurance/Veh & Equipt	Equipment rented for 340A project
55620.02	Materials & Supplies/Comm	Repair and maint of any radio equipment used for 340A project
55630.02	Cellular Phones	Allocation for Verizon charges.
55650.02	SCADA - Materials & Repairs/Sup	Materials and supplies purchased for SCADA
55710.02	General Admin.	Administration cost for the 340A project
55720.02	IT Hardware/Software	Computer expense associated with the 340A Office I. E. Allocation for MV Tel.
55730.02	Materials&Supplies/ Ofc & Admin	Allocation for Office supplies, Office equipment purchased for the 340A office
55750.02	Temp. Office Expense	Office space either rented or otherwise
55810.02	Materials & Supplies/Safety	Safety supplies used for 340A
55820.02	Equipment Maint./Safety	Safety equipment maintedance for 340A
55830.02	Training/Certification-Safety	Any training or certificate required for 340A
55840.02	Other/Safety	Safety Training for 340A
55850.02	Contingency expenses	Other safety related expenses

FY23 to FY28

Capital Improvement Plan





CAPITAL IMPROVEMENT BUDGET  
FISCAL YEARS 23 - 28

Account-#	NAME	FY23	FY24	FY25	FY26	FY27	FY28
2023-IRA-01	WATER MAIN REPLACEMENT	420,000	440,000	480,000	500,000	520,000	560,000
2023-IRA-02	METER REPLACEMENT PROGRAM	125,000	125,000				
2023-IRA-03	VALVE REPLACEMENT PROGRAM	110,000	110,000	110,000	110,000	110,000	110,000
2023-IRA-04	SCADA UPGRADES	30,000	30,000	30,000	30,000	30,000	30,000
2023-IRA-05	PRV UPGRADES	40,000	40,000	40,000	40,000	40,000	40,000
2023-IRA-06	NARROWS/WARM SPRINGS WATER STORAGE SITE ACQUISITION						
2023-IRA-07	WARM SPRINGS TANK 500K		260,000			1,100,000	
2023-IRA-08	NARROWS TANK 2 MILLION				260,000		
2023-IRA-09	LOGANDALE TANK RECOAT	450,000					
2023-IRA-10	BALDWIN 14" A/C LINE			550,000			
2023-IRA-11	ARROW CANYON 20" (JM PIPE)				70,000		930,000
2023-IRA-12	ARROW CANYON #3 WELL						1,200,000
2023-IRA-13	MAIN STREET UPGRADE	1,500,000					
2023-IRA-14	SHADE STRUCTURE						
2023-IRA-15	HYDRANT METER REPLACEMENT	15,000	15,000				
<b>TOTAL CAPITAL IMPROVEMENT</b>		<b>2,690,000</b>	<b>1,005,000</b>	<b>1,210,000</b>	<b>1,010,000</b>	<b>1,800,000</b>	<b>2,870,000</b>

2022-FARA-01	*SAFETY/SMALL EQUIPMENT REPLACEMENT	27,000	5,000	5,000	5,000	5,000	5,000
2022-FARA-02	*OFFICE EQUIPMENT REPLACEMENT	13,000	10,000	10,000	10,000	10,000	10,000
2022-FARA-03	*INFORMATION TECHNOLOGY	5,000	5,000	15,000	5,000	5,000	5,000
2022-FARA-04	VEHICLE REPLACEMENT	120,000	110,000	170,000	30,000	120,000	
2022-FARA-05	EQUIPMENT REPLACEMENT	28,000	109,000	39,000	120,000		
2022-FARA-06	SERVER REPLACEMENT				20,000		
2022-FARA-07	PROPERTY PURCHASE	98,500	98,500	98,500	98,500	98,500	
<b>TOTAL FIXED ASSET PURCHASES</b>		<b>291,500</b>	<b>337,500</b>	<b>337,500</b>	<b>288,500</b>	<b>238,500</b>	<b>20,000</b>

2022-WRA-01	*WATER RESOURCE DEVELOPMENT	100,000	100,000	100,000	100,000	100,000	100,000
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2022-MRA-01	ARSENIC MEDIA				500,000		
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<b>GRAND TOTAL</b>		<b>3,081,500</b>	<b>1,442,500</b>	<b>1,647,500</b>	<b>1,898,500</b>	<b>2,138,500</b>	<b>2,990,000</b>
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IRA - Infrastructure Replacement Account

Fixed Asset Replacement

WRA - Water Resources Account

\* Miscellaneous Fixed Assets on Joe's Spreadsheet

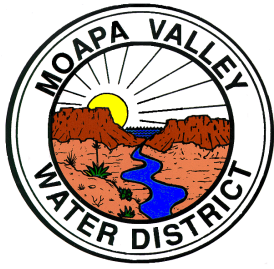
Arsenic Media

Will Receive Ggrant Money Submitted for Grant Money



# Capital Improvements





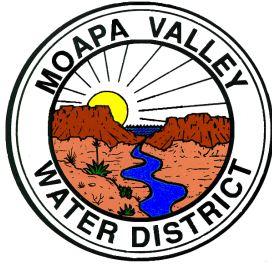
## CAPITAL IMPROVEMENT PROJECT - FISCAL YEAR 2023

1. Project Title: Small Water Main Replacement
2. Project Number 2023-IRA-01
3. Project Type Capital Purchase: Construction Project: x
4. Sponsoring Division: Water Distribution
5. Project Budget: \$420,000

- Purchase
- Construction

1. Engineering
2. Construction Management
3. Contract Services
4. In House Purchase of Materials \$310,000
5. Salaries & Wages \$110,000

6. Project Description: along with other various high leak area's with short runs.

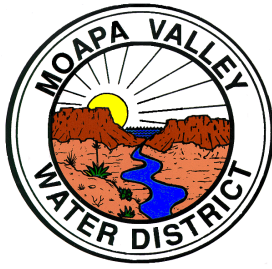


## CAPITAL IMPROVEMENT PROJECT - FISCAL YEAR 2023

1. Project Title: Meter Replacement Program
2. Project Number 2023 – IRA-02
3. Project Type Capital Purchase: x Construction Project: x
4. Sponsoring Division: Water Distribution
5. Project Budget: \$200,000 (\$125,000 + \$75,000 Bureau of Reclamation Grant)

- Purchase \$155,000
- Construction
  1. Engineering
  2. Construction Management
  3. Contract Services
  4. In House Purchase of Materials \$10,000
  5. Salaries & Wages \$35,000

6. Project Description: The Meter Replacement program is an annual program for the costs associated with the maintenance and / or replacement of meters. The improper type or a poorly maintained meter could be a significant contributing factor in lost and unaccounted water. This in turn results in lost revenues. The program expenditures will include the purchase of new meters, meter boxes and the refurbishing and testing of existing meters.



## CAPITAL IMPROVEMENT PROJECT - FISCAL YEAR 2023

1. Project Title: Valve Replacement Program

2. Project Number 2023 – IRA - 03

3. Project Type Capital Purchase: x Construction Project:

4. Sponsoring Division: Water Distribution / Water Production

5. Project Budget: \$110,000

- Purchase

- Construction

1. Engineering

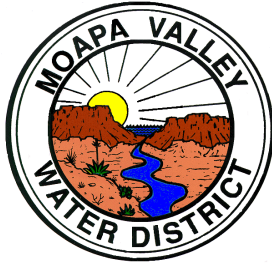
2. Construction Management

3. Contract Services

4. In House Purchase of Materials \$40,000

5. Wages & Salaries \$70,000

6. Project Description: The District has 1,646 valves in its distribution system. Each valve is inspected for operational status at least once a year. Valves that are inoperable are identified & logged for repair or replacement.



## CAPITAL IMPROVEMENT PROJECT - FISCAL YEAR 2023

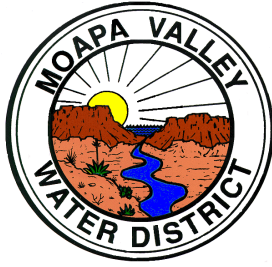
1. Project Title: SCADA System Replacement
2. Project Number 2023 – IRA - 05
3. Project Type Capital Purchase: ☒ Construction Project: ☐
4. Sponsoring Division: Water Production / Distribution
5. Project Budget: \$30,000

- Purchase \$25,000

1. Engineering
2. Construction Management
3. Contract Services
4. In House Purchase of Materials
5. Salaries & Wages \$5,000

6. Project Description: The District's supervisory control and data acquisition system (the heart of the water delivery infrastructure) was first installed in 2002. Upgrades to the system need to be performed on a yearly basis.





## CAPITAL IMPROVEMENT PROJECT - FISCAL YEAR 2023

1. Project Title: PRV/PSV Upgrades

2. Project Number 2023 – IRA - 06

3. Project Type Capital Purchase: x Construction Project:

4. Sponsoring Division: Water Production / Distribution

5. Project Budget: \$40,000

- Purchase \$20,000

1. Engineering

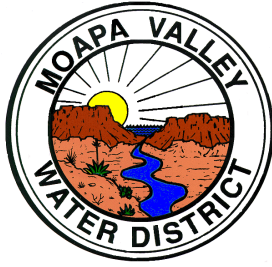
2. Construction Management

3. Contract Services

4. In House Purchase of Materials

5. Salaries & Wages \$20,000

6. Project Description: The Districts has over 20 pressure reducing / sustaining valves scattered throughout the system. Some valves are over 40 years old. Upgrades / Repairs are needed on a yearly basis to insure system integrity.



## CAPITAL IMPROVEMENT PROJECT - FISCAL YEAR 2023

1. Project Title: Logandale Tank Rehab/Repair

2. Project Number 2023-IRA-09

3. Project Type Capital Purchase: Construction Project: x

4. Sponsoring Division: Water Distribution

5. Project Budget: \$450,000

- Purchase
- Construction

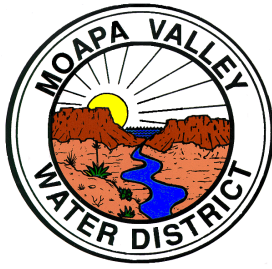
1. Engineering \$15,000

2. Construction Management

3. Contract Services \$435,000

4. In House Purchase of Materials

6. Project Description: The Logandale water tank is a steel welded tank that supplies water and fire protection to Sand Hills. The last tank inspection that the district performed indicated the tank is experiencing blistering on the interior coating. This is an indication of coating failure that if ignored could result in loss of the structural integrity of the tank.

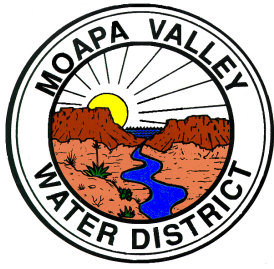


## CAPITAL IMPROVEMENT PROJECT - FISCAL YEAR 2023

1. Project Title: Main Street 12" Main Upgrade
2. Project Number 2023 IRA - 13
3. Project Type Capital Purchase: Construction Project: X
4. Sponsoring Division: Water Distribution / Production
5. Project Budget: \$ 1,500,000

1. Engineering \$ 50,000
2. Construction Management
3. Contract Services \$1,180,000
4. In House Purchase of Materials \$270,000

6. Project Description: The District intends to replace the existing water main down the center of the Moapa Valley business district. This project will significantly provide fire flow and system redundancy to the heart of the business community. Historically, the District has experienced multiple service lateral breaks annually along this pipeline. The existing 6-inch and 4-inch pipelines will be replaced with 4,000 feet of 12-inch pipe, installed parallel to the existing mainline, including appurtenant valves, lateral lines, hydrants, and service connections. The Project limits include Moapa Valley Boulevard (Main Street) from approximately Bonelli Avenue on the north to Lamar Avenue on the south.



## CAPITAL IMPROVEMENT PROJECT - FISCAL YEAR 2023

1. Project Title: Hydrant Meter Replacement Program

2. Project Number 2023 – IRA-15

3. Project Type Capital Purchase: x Construction Project:

4. Sponsoring Division: Water Distribution

5. Project Budget: \$15,000

- Purchase \$15,000

- Construction

1. Engineering

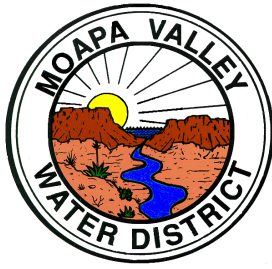
2. Construction Management

3. Contract Services

4. In House Purchase of Materials

5. Salaries & Wages

6. Project Description: The District has 41 total hydrant meters. Some as old as 20 years. The District will purchase 5 replacement hydrant meters with backflow assemblies built in to the body to better protect the District's distribution system.



## CAPITAL IMPROVEMENT PROJECT - FISCAL YEAR 2023

1. Project Title: Safety Equipment

2. Project Number 2023 – FARA - 01

3. Project Type Capital Purchase: x Construction Project:

4. Sponsoring Division: Water Distribution / Water Production

5. Project Budget:

- Purchase
- Construction

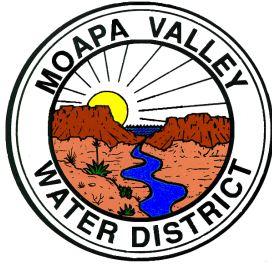
1. Engineering

2. Construction Management

3. Contract Services

4. In House Purchase of Materials \$27,000

6. Project Description: For the purchase of large safety equipment such as trench plates, shoring, signage, hoists, confined space entry equipment, etc. FY23 purchase of 5 defibrillators, 3 generators and a tire machine



## CAPITAL IMPROVEMENT PROJECT - FISCAL YEAR 2023

1. Project Title: Office Equipment Upgrade

2. Project Number 2023 – FARA - 02

3. Project Type Capital Purchase: x Construction Project:

4. Sponsoring Division: Administration

5. Project Budget:

- Purchase \$13,000

- Construction

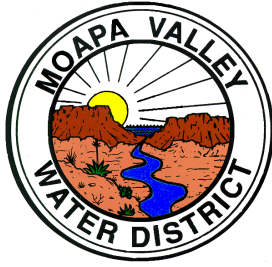
1. Engineering

2. Construction Management

3. Contract Services

4. In House Purchase of Materials

6. Project Description: For the purchase and/or replacement of office equipment to enhance production or replace equipment in repair. The items include the replacement of office furniture on an “as needed basis”, and engineering software upgrades. FY23 is slated to replace the office carpet



## CAPITAL IMPROVEMENT PROJECT - FISCAL YEAR 2023

1. Project Title: I. T. Upgrades

2. Project Number 2023 – FARA - 03

3. Project Type Capital Purchase: x Construction Project:

4. Sponsoring Division: Administration

5. Project Budget:

- Purchase \$5,000

- Construction

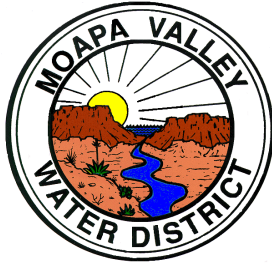
1. Engineering

2. Construction Management

3. Contract Services

4. In House Purchase of Materials

6. Project Description: The IT Upgrade program is an annual program that provides funds to replace computers that are in excess of 5 years old or units that have become a maintenance problem.



## CAPITAL IMPROVEMENT PROJECT - FISCAL YEAR 2023

1. Project Title: Vehicle Replacement
2. Project Number 2023 – FARA - 04
3. Project Type Capital Purchase: x Construction Project:
4. Sponsoring Division: Water Distribution / Production
5. Project Budget: \$120,000

- Purchase \$100,000

- Construction

1. Engineering

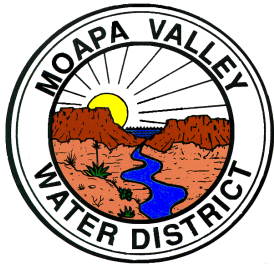
2. Construction Management

3. Contract Services

4. In House Purchase of Materials \$20,000

6. Project Description: The 2015-year service bed vehicle and has over 130,000 hard miles. The maintenance costs on this vehicle have dramatically started to increase, which indicates that replacement is prudent. This vehicle will be rotated to the backup service truck and the 09-service truck will be dispersed from the District's vehicle fleet. This replacement vehicle will be a four-wheel vehicles, which is comparable to the existing units.





## CAPITAL IMPROVEMENT PROJECT - FISCAL YEAR 2023

1. Project Title: Backhoe Replacement (Lease)

2. Project Number 2023 – FARA - 05

3. Project Type Capital Purchase: x Construction Project:

4. Sponsoring Division: Water Distribution / Production

5. Project Budget: \$28,000

- Purchase
- Construction

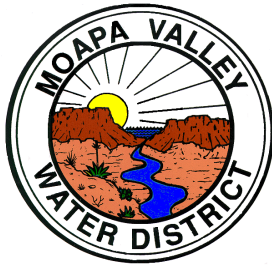
1. Engineering

2. Construction Management

3. Contract Services (LEASE) \$28,000

4. In House Purchase of Materials

6. Project Description: The District has moved away from the traditional purchase of new backhoes and has slated to continue the practice of leasing. FY23 is budgeted to lease 2 backhoes.



## CAPITAL IMPROVEMENT PROJECT - FISCAL YEAR 2023

1. Project Title: Property Purchase

2. Project Number 2023 – FARA - 07

3. Project Type Capital Purchase: x Construction Project:

4. Sponsoring Division: Administration

5. Project Budget: \$98,500

- Purchase \$98,500

- Construction

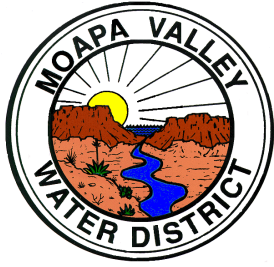
1. Engineering

2. Construction Management

3. Contract Services

4. In House Purchase of Materials

5. Project Description: The District is currently in negotiations to purchase adjacent property to expand the storage yard.



## CAPITAL IMPROVEMENT PROJECT - FISCAL YEAR 2023

1. Project Title: Water Resource Development

2. Project Number 2023 – WRA - 01

3. Project Type Capital Purchase: x Construction Project:

4. Sponsoring Division: Administration

5. Project Budget: \$100,000

- Purchase \$100,000

- Construction

1. Engineering

2. Construction Management

3. Contract Services

4. In House Purchase of Materials

6. Project Description: For the purchase of water resources, including Muddy Valley Irrigation District stock.