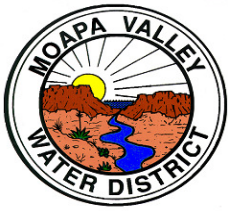


Moapa Valley Water District

FY 2020 Budget

Department of Taxation

Budget Forms



601 N. Moapa Valley Boulevard * Post Office Box 257 * Logandale, Nevada * 89021
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, 2020

This budget contains 1 funds, including Debt Service, requiring property tax revenues totaling \$ 0

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 and
1 proprietary funds with estimated expenses of \$ 4,014,340

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

APPROVED BY THE GOVERNING BOARD

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: _____

SCHEDULED PUBLIC HEARING:

Date and Time: May 23, 2019 4:00pm

Publication Date: 5/15/2019

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

FULL TIME EQUIVALENT EMPLOYEES BY FUNCTION

	ACTUAL PRIOR YEAR ENDING 06/30/18	ESTIMATED CURRENT YEAR ENDING 06/30/19	BUDGET YEAR ENDING 06/30/20
General Government			
Judicial			
Public Safety			
Public Works			
Sanitation			
Health			
Welfare			
Culture and Recreation			
Community Support			
TOTAL GENERAL GOVERNMENT			
Utilities	17	17	17
Hospitals			
Transit Systems			
Airports			
Other			
TOTAL	17	17	17

POPULATION (AS OF JULY 1)	7279	7279	7279
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)	183,729,020	184,796,968	193,840,479
Net Proceeds of Mines			
TOTAL ASSESSED VALUE	183,729,020	184,796,968	193,840,479
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, 2020

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	E	\$3,922,500	\$3,852,000	\$421,494	\$162,340	\$0	\$0	\$329,654
TOTAL		\$3,922,500	\$3,852,000	\$421,494	\$162,340	\$0	\$0	\$329,654

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

** Include Depreciation

PROPRIETARY FUND	(1)	(2)	(3) (4) BUDGET YEAR ENDING 6/30/2020	
	ACTUAL PRIOR YEAR ENDING 6/30/2018	ESTIMATED CURRENT YEAR ENDING 6/30/2019	TENTATIVE APPROVED	FINAL APPROVED
OPERATING REVENUE				
Water Sales	\$ 3,580,417	\$ 3,713,000	\$ 3,700,000	\$ 3,700,000
340A Contract	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000
Connection Fees	\$ 31,500	\$ 43,500	\$ 22,500	\$ 22,500
Total Operating Revenue	\$ 3,811,917	\$ 3,956,500	\$ 3,922,500	\$ 3,922,500
OPERATING EXPENSE				
Wages & Salaries	\$ 1,268,459	\$ 1,100,000	\$ 1,204,000	\$ 1,204,000
Employee Benefits	\$ 372,450	\$ 550,000	\$ 566,000	\$ 566,000
Resource Development & Protection	\$ 146,928	\$ 200,000	\$ 230,000	\$ 230,000
Regulatory Compliance	\$ 33,058	\$ 40,000	\$ 45,000	\$ 45,000
Distribution System Operation	\$ 17,894	\$ 33,000	\$ 38,000	\$ 38,000
Distribution System Maintenance	\$ 186,780	\$ 190,000	\$ 225,000	\$ 225,000
Production Operation	\$ 91,949	\$ 100,000	\$ 115,000	\$ 115,000
Production Maintenance	\$ 22,981	\$ 20,000	\$ 40,000	\$ 40,000
Customer Accounts	\$ 46,377	\$ 48,000	\$ 50,000	\$ 50,000
General Administration	\$ 476,544	\$ 520,000	\$ 579,000	\$ 579,000
340A Contract	\$ 8,095	\$ 10,000	\$ 10,000	\$ 10,000
Depreciation/Amortization	\$ 745,286	\$ 740,000	\$ 750,000	\$ 750,000
Total Operating Expense	\$ 3,416,801	\$ 3,551,000	\$ 3,852,000	\$ 3,852,000
Operating Income or (Loss)	\$ 395,116	\$ 405,500	\$ 70,500	\$ 70,500
NONOPERATING REVENUES				
Interest Income	\$ 8,101	\$ 7,500	\$ 6,000	\$ 6,000
Capacity Fees	\$ 41,147	\$ 57,500	\$ 30,000	\$ 30,000
1/4-Cents Sales Tax	\$ 288,045	\$ 280,000	\$ 280,000	\$ 280,000
Miscellaneous Income	\$ 103,630	\$ 1,000	\$ 25,000	\$ 25,000
Other Non-Operating Income	\$ 94	\$ 26,000	\$ -	\$ -
Water Resources Development Fee/(PIL)	\$ 2,500	\$ 2,500	\$ 2,500	\$ 2,500
Water Share Lease Program	\$ 21,653	\$ 22,600	\$ 25,000	\$ 25,000
Contributions in Aid of Construction	\$ 39,112	\$ 23,800	\$ -	\$ -
Gain/(Loss) on Disposal of Assets	\$ 14,000	\$ 3,500	\$ -	\$ -
340A Reimbursement	\$ -	\$ 52,994	\$ 52,994	\$ 52,994
Total Nonoperating Revenues	\$ 518,282	\$ 477,394	\$ 421,494	\$ 421,494
NONOPERATING EXPENSES				
Interest Expense	\$ 209,041	\$ 192,000	\$ 162,340	\$ 162,340
Miscellaneous Expense	\$ 64,918	\$ 5,000	\$ -	\$ -
Vanguard Expense			\$ -	\$ -
Total Nonoperating Expenses	\$ 273,959	\$ 197,000	\$ 162,340	\$ 162,340
Net Income before Operating Transfers	\$ 244,323	\$ 280,394	\$ 259,154	\$ 259,154
Transfers (Schedule T)				
In	\$ -	\$ -	\$ -	\$ -
Out	\$ -	\$ -	\$ -	\$ -
Net Operating Transfers	\$ -	\$ -	\$ -	\$ -
CHANGE IN NET POSITION	\$ 639,439	\$ 685,894	\$ 329,654	\$ 329,654

Moapa Valley Water District
(Local Government)

SCHEDULE F-1 REVENUES, EXPENSES AND NET POSITION

FUND

Enterprise

Page: 4

Schedule F-1

PROPRIETARY FUND	(1)	(2)	(3) BUDGET YEAR ENDING 6/30/2020	
	ACTUAL PRIOR YEAR ENDING 6/30/2018	ESTIMATED CURRENT YEAR ENDING 6/30/2019	TENTATIVE APPROVED	FINAL APPROVED
A. CASH FLOWS FROM OPERATING ACTIVITIES:				
Cash Received From Customers, Water Use Fees	\$ 3,524,238	\$ 3,713,000	\$ 3,700,000	\$ 3,700,000
Cash Paid to Suppliers for Goods and Services	\$ (1,052,768)	\$ (1,151,000)	\$ (1,322,000)	\$ (1,322,000)
Cash Paid to Employees	\$ (1,410,518)	\$ (1,650,000)	\$ (1,615,000)	\$ (1,615,000)
Cash Received for 340A	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000
Cash Paid for 340A	\$ (14,416)	\$ (10,000)	\$ (10,000)	\$ (10,000)
a. Net cash provided by (or used for) operating activities:	\$ 1,246,536	\$ 1,102,000	\$ 953,000	\$ 953,000
B. CASH FLOWS FROM NONCAPITAL FINANCING ACTIVITIES:				
Inter Government Revenues	\$ 301,748	\$ 280,000	\$ 280,000	\$ 280,000
Other Non-Operating	\$ 94	\$ 26,000	\$ 25,000	\$ 25,000
Water Resource Development (PIL)	\$ 2,500	\$ 2,500	\$ 2,500	\$ 2,500
Water Shares Lease Program	\$ 21,653	\$ 22,600	\$ 25,000	\$ 25,000
Contributions in Aid of Construction	\$ 39,112	\$ 23,800	\$ -	\$ -
Capacity Fees	\$ 41,147	\$ 57,500	\$ 30,000	\$ 30,000
Miscellaneous Income	\$ 103,630	\$ -	\$ -	\$ -
340A Reimbursement	\$ -	\$ 52,994	\$ 52,994	\$ 52,994
b. Net cash provided by (or used for) noncapital financing activities:	\$ 509,884	\$ 465,394	\$ 415,494	\$ 415,494
C. CASH FLOWS FROM CAPITAL AND RELATED FINANCING ACTIVITIES:				
Principle of Long Term Debt	\$ (3,162,617)	\$ (640,478)	\$ (661,693)	\$ (661,693)
Interest in Long Term Debt	\$ (223,246)	\$ (191,329)	\$ (162,340)	\$ (162,340)
Proceeds from the Sale of Capital Assets	\$ 14,000	\$ 3,500	\$ -	\$ -
Purchase of Fixed Assets (Fixed Asset Replacement Acct)	\$ (127,500)	\$ (141,000)	\$ (150,000)	\$ (150,000)
Capital Improvements (Infrastructure Replacement Acct)	\$ (740,023)	\$ (850,000)	\$ (980,000)	\$ (980,000)
Water Resource Development	\$ -	\$ -	\$ (100,000)	\$ (100,000)
Proceeds from Long Term Debt	\$ 2,700,000	\$ -	\$ -	\$ -
Proceeds from Grants	\$ -	\$ -	\$ -	\$ -
Miscellaneous Expense	\$ (64,918)	\$ (5,000)	\$ (5,000)	\$ (5,000)
c. Net cash provided by (or used for) capital and related financing activities:	\$ (1,604,304)	\$ (1,824,307)	\$ (2,059,033)	\$ (2,059,033)
D. CASH FLOWS FROM INVESTING ACTIVITIES:				
Interest on Investments	\$ 8,101	\$ 7,500	\$ 7,500	\$ 7,500
Losses on Investments	\$ -	\$ -	\$ -	\$ -
d. Net cash provided by (or used in) investing activities:	\$ 8,101	\$ 7,500	\$ 7,500	\$ 7,500
NET INCREASE (DECREASE) in cash and cash equivalents (a+b+c+d)	\$ 160,217	\$ (249,413)	\$ (683,039)	\$ (683,039)
CASH AND CASH EQUIVALENTS AT JULY 1, 20xx	\$ 6,580,673	\$ 6,740,890	\$ 6,990,303	\$ 6,990,303
CASH AND CASH EQUIVALENTS AT JUNE 30, 20xx	\$ 6,740,890	\$ 6,990,303	\$ 6,307,264	\$ 6,307,264

Moapa Valley Water District
(Local Government)

SCHEDULE F-2 STATEMENT OF CASH FLOWS

FUND Enterprise

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) REQUIREMENTS FOR FISCAL YEAR ENDING 06/30/20		(11)
NAME OF BOND OR LOAN List and Subtotal By Fund	*	TERM	ORIGINAL AMOUNT OF ISSUE	ISSUE DATE	FINAL PAYMENT DATE	INTEREST RATE	BEGINNING OUTSTANDING BALANCE 7/1/2019	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%	\$861,301	\$23,354	\$85,477	\$108,831
GO (LT) Ref Series 2013A	2	10	\$ 1,075,000	2/20/2013	8/1/2022	5.000%	\$500,000	\$22,125	\$115,000	\$137,125
GO (LT) Ref Series 2015	2	10	\$ 2,355,000	11/3/2015	2/1/2026	2% to 5%	\$1,405,000	\$64,550	\$345,000	\$409,550
GO (LT) Water Ref Series 2017	2	20	\$ 2,700,000	12/21/2017	7/1/2037	2.06%	\$2,587,671	\$52,311	\$116,216	\$168,526
							\$	\$	\$	\$
							\$	\$	\$	\$
							\$	\$	\$	\$
							\$	\$	\$	\$
							\$	\$	\$	\$
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							\$	\$	\$	\$
							\$	\$	\$	\$
							\$	\$	\$	\$
							\$	\$	\$	\$
							\$	\$	\$	\$
							\$	\$	\$	\$
TOTAL ALL DEBT SERVICE								\$162,340	\$661,693	\$824,033

SCHEDULE C-1 - INDEBTEDNESS

Moapa Valley Water District Budget Fiscal Year 2019-2020
(Local Government)

SCHEDULE OF EXISTING CONTRACTS
Budget Year 2019 - 2020

Local Government: Moapa Valley Water District
Contact: Jeannie Poynor
E-mail Address: jeannie@moapawater.com
Daytime Telephone: 702-397-6893

Total Number of Existing Contracts: 3

Line	Vendor	Effective Date of Contract	Termination Date of Contract	Proposed Expenditure FY 2019-20	Proposed Expenditure FY 2020-21	Reason or need for contract:
1	Cintas	March-14	March-19	\$ 1,425	\$ 1,497	Rug Services
2	Mail Finance	May-17	August-22	\$ 1,019	\$ 1,019	Postage Meter
3	Hinton Burdick CPAs & Advisors	June-19	June-21	\$ 11,150	\$ 11,850	Auditing Services
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20	Total Proposed Expenditures			\$ 13,594	\$ 14,366	

Additional Explanations (Reference Line Number and Vendor):

Base Line Budget Justification

Moapa Valley Water District Base Line Detail

Account No.	Account Name	Description
50500	Resource/Develop & Protect	
	50710 Rent & Assessments	Muddy Valley Irrigation rent & Assessments.
	50810 Materials & Supplies	Materials for water conservation, general public education activities, water share transfer fees.
	50840 Miscellaneous Dev & Protect Costs	Out of house services required for conservation & educational program maintenance.
	50860 Engineering	Contracted services with engineers or hydrologists.
51000	Regulatory Compliance	
	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, & third party testing.
	51300 Monitoring Expenses	Sample bottles, well sounder, 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 (<\$1500) safety equipment.
60000	Dist System - Operation	
	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, RCS invoices.
61000	Dist System - Maint.	
	61310 Materials & Supplies	Materials and supplies used for maintenance on the distribution system that will not be put on cap sheets such as marking paint, tape, gloves, etc.
	61340 Miscellaneous Distribution Maintenance	Other maintenance expenses. Pest control.
	61560 Equipment Maintenance	Maintenance on District equipment. I.E. taking the backhoe to the shop, working on equipment.
	61590 Overhead equipment costs	Expense of equipment hours used.
	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.
62000	Treatment Operations	
	62240 Chemicals	Chemicals used in the treatment of the Districts water sources.
	62310 Materials & Supplies	Materials for production or 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, RCS Invoices.
63000	Treatment Maintenance	
	63310 Materials & Supplies	Materials for production or treatment maintenance that will not that will not be put on cap sheets such as marking paint, tape, gloves, etc.
65000	Customer Accounts Expenses	
	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 liening of delinquent accounts for customer accounts.
	65620 Telephone - Land	Moapa Valley Telephone.

Base Line Budget Detail

Moapa Valley Water District Operating Expense Accounts

Account No.	Account Name	Account No.	Account Name
50500	Resource/Develop & Protect	65000	Customer Accounts Expenses
	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
51000	Regulatory Compliance	70000	General & Administrative
	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
60000	Dist System - Operation		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
61000	Dist System - Maint.		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
62000	Treatment Operations		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
63000	Treatment Maintenance		70500 Building Maint & Repair
	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

FY20 to FY26

Capital Improvement Plan

CAPITAL IMPROVEMENT BUDGET
FISCAL YEARS 20 - 26

Account-#	NAME	FY20	FY21	FY22	FY23	FY24	FY25	FY26
2020-IRA-01	WATER MAIN REPLACEMENT (YAMASHITA)	355,000	380,000	400,000	420,000	440,000	480,000	500,000
2020-IRA-02	METER REPLACEMENT PROGRAM	200,000	200,000	200,000	200,000			
2020-IRA-03	VALVE REPLACEMENT PROGRAM	110,000	110,000	110,000	110,000	110,000	110,000	110,000
2020-IRA-04	ARROW CANYON BASIN	100,000						
2020-IRA-05	SCADA UPGRADES	30,000						
2020-IRA-06	PRV UPGRADES	40,000	30,000	30,000	30,000	30,000		
2020-IRA-07	MEADOW VALLEY WASH	70,000	40,000	40,000	40,000			
2020-IRA-08	NARROWS/WARM SPRINGS WATER STORAGE SITE CQUISITION	75,000	75,000					
2020-IRA-09	WARM SPRINGS TANK 500K			911,400				
2020-IRA-10	NARROWS TANK 2 MILLION				433,733			
2020-IRA-11	LOGANDALE TANK RECOAT		420,000					1,549,050
2020-IRA-12	BALDWIN 14" A/C LINE			198,600				
2020-IRA-13	ARROW CANYON 20" (JM PIPE)					70,000	930,000	
2020-IRA-14	ARROW CANYON #3 WELL							
TOTAL CAPITAL IMPROVEMENT		980,000	1,255,000	1,890,000	1,233,733	650,000	1,520,000	2,159,050

2020-FARA-01	*SAFETY/SMALL EQUIPMENT REPLACEMENT	5,000	5,000	5,000	5,000	5,000	5,000	5,000
2020-FARA-02	*OFFICE EQUIPMENT REPLACEMENT (COPIER)	15,000	10,000	10,000	10,000	10,000	10,000	10,000
2020-FARA-03	*INFORMATION TECHNOLOGY	5,000	5,000	5,000	5,000	5,000	5,000	5,000
2020-FARA-04	VEHICLE REPLACEMENT	100,000	100,000	90,000	93,000	107,000	130,000	
2020-FARA-05	EQUIPMENT REPLACEMENT	25,000	80,000	120,000	30,000	58,800	25,000	163,000
2020-FARA-06	SERVER REPLACEMENT		10,000				15,000	
TOTAL FIXED ASSET PURCHASES		150,000	210,000	230,000	143,000	185,800	190,000	183,000

2019-WRA-01	*WATER RESOURCE DEVELOPMENT	100,000	100,000	100,000	100,000	100,000	100,000	100,000
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2019-MRA-01	ARSENIC MEDIA			500,000			500,000	
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GRAND TOTAL		1,230,000	1,565,000	2,720,000	1,476,733	935,800	2,310,000	2,442,050
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IRA - Infrastructure Replacement Account

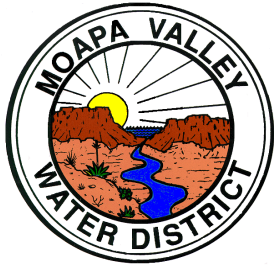
FARA - Fixed Asset Replacement Account

WRA - Water Resources Account

* Miscellaneous Fixed Assets on Joe's Spreadsheet

MRA - Media Replacement Account

Capital Improvements



CAPITAL IMPROVEMENT PROJECT - FISCAL YEAR 2020

1. Project Title: Small Water Main Replacement
2. Project Number 2020-IRA-01
3. Project Type Capital Purchase: Construction Project: x
4. Sponsoring Division : Water Distribution
5. Project Budget: \$355,000

- Purchase

- Construction

1. Engineering

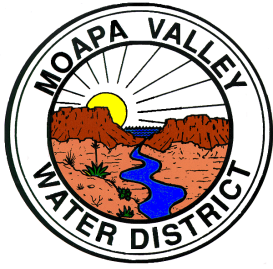
2. Construction Management

3. Contract Services \$25,000

4. In House Purchase of Materials \$230,000

5. Salaries & Wages \$100,000

6. Project Description: The Project will consist of installing 4000' of 12" pipe and the installation 4 fire hydrants on Yamashita St. from Moapa Valley Blvd. to Wittwer Ave. These improvements will provide system redundancy; increased fire flow's and eliminates dead end mains.

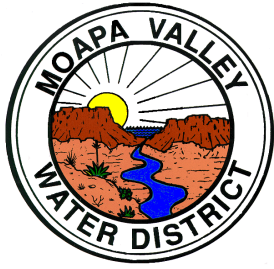


CAPITAL IMPROVEMENT PROJECT - FISCAL YEAR 2020

1. Project Title: Meter Replacement Program
2. Project Number 2020 – IRA-02
3. Project Type Capital Purchase: x Construction Project: x
4. Sponsoring Division : Water Distribution
5. Project Budget: \$200,000

- 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 and the refurbishing and testing of existing meters.



CAPITAL IMPROVEMENT PROJECT - FISCAL YEAR 2020

1. Project Title: Valve Replacement Program

2. Project Number 2020 – 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

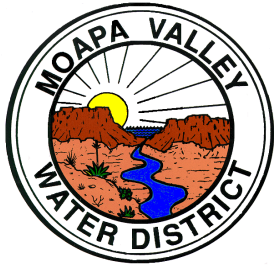
2. Construction Management

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 2020

1. Project Title: Arrow Canyon Basin Upgrades

2. Project Number 2020 – IRA - 04

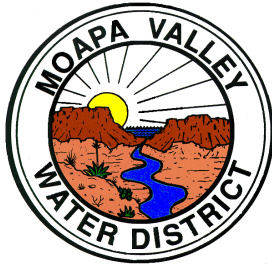
3. Project Type Capital Purchase: x Construction Project:

4. Sponsoring Division : Production

5. Project Budget: \$100,000

- Purchase
- Construction \$90,000
 - 1. Engineering \$5000
 - 2. Construction Management
 - 3. Contract Services
 - 4. In House Purchase of Materials
 - 5. Salary & Wages \$5,000

6. Project Description: upgrades need to be completed at the Arrow Canyon Well site to meet discharge permit water quality requirements. The existing drying beds for the arsenic plant need to be cement lined to ensure proper water quality.

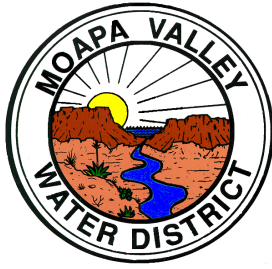


CAPITAL IMPROVEMENT PROJECT - FISCAL YEAR 2020

1. Project Title: SCADA System Replacement
2. Project Number 2020 – IRA - 05
3. Project Type Capital Purchase: x Construction Project:
4. Sponsoring Division : Water Production / Distribution
5. Project Budget: \$30,000

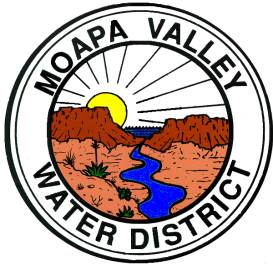
- Purchase \$25,000
 1. Engineering
 2. Construction Management
 3. Contract Services
 4. In House Purchase of Materials
 5. Salaries & Wages \$5,000

6. Project Description: The Districts 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 2020

1. Project Title: PRV/PSV Upgrades
2. Project Number 2020 – IRA - 06
3. Project Type Capital Purchase: 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.



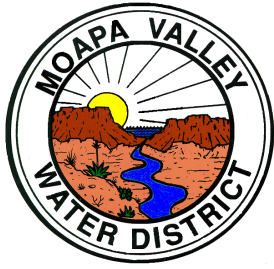
CAPITAL IMPROVEMENT PROJECT - FISCAL YEAR 2020

1. Project Title: 14" Meadow Valley Wash Crossing
2. Project Number 2020 – IRA - 07
3. Project Type Capital Purchase: Construction Project: x
4. Sponsoring Division : Water Distribution
5. Project Budget: \$70,000

- Purchase
- Construction

1. Engineering \$5,000
2. Construction Management
3. Contract Services
4. In House Purchase of Materials \$30,000
5. Salaries & Wages \$35,000

6. Project Description: This project was budgeted in FY19. Environmental requirements and construction constraints have postponed this project to the FY20 budget cycle. The meadow valley wash is prone to flash flooding. In order to fortify the districts system in this area, the 14" A/C pipe needs to be replaced with a 14" ductile iron line with bell restraints.



CAPITAL IMPROVEMENT PROJECT - FISCAL YEAR 2020

1. Project Title: Narrows/Warm Springs Water Storage Site Acquisition

2. Project Number 2020 IRA - 08

3. Project Type Capital Purchase: x Construction Project:

4. Sponsoring Division : Water Distribution / Production

5. Project Budget: \$75,000

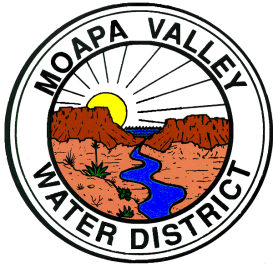
1. Engineering \$

2. Construction Management

3. Contract Services \$

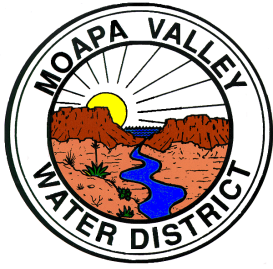
4. In House Purchase of Materials

6. Project Description: This Engineering work will begin the process of acquiring the BLM right of way access to the Warm Springs and Narrows water storage tank sites.



CAPITAL IMPROVEMENT PROJECT - FISCAL YEAR 2020

1. Project Title: Safety Equipment
2. Project Number 2020 – 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 \$5,000
6. Project Description: For the purchase of large safety equipment such as trench plates, shoring, signage, hoists, confined space entry equipment, etc.



CAPITAL IMPROVEMENT PROJECT - FISCAL YEAR 2020

1. Project Title: Office Equipment Upgrade

2. Project Number 2020 – FARA - 02

3. Project Type Capital Purchase: Construction Project:

4. Sponsoring Division : Administration

5. Project Budget:

- Purchase \$15,000

- Construction

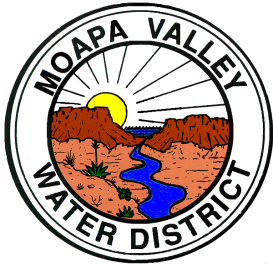
1. Engineering

2. Construction Management

3. Contract Services

4. In House Purchase of Materials

6. Project Description: For the purchase and/or replacement of the office copier



CAPITAL IMPROVEMENT PROJECT - FISCAL YEAR 2020

1. Project Title: I. T. Upgrades

2. Project Number 2020 – FARA - 03

3. Project Type Capital Purchase: x Construction Project:

4. Sponsoring Division : Administration

5. Project Budget:

- Purchase \$5,000

- Construction

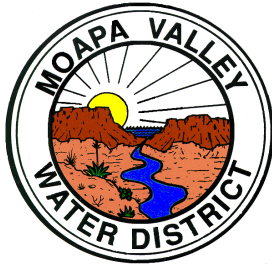
1. Engineering

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. The funds in this program are also used in security & software upgrades.



CAPITAL IMPROVEMENT PROJECT - FISCAL YEAR 2020

1. Project Title: Vehicle Replacement

2. Project Number 2020 – FARA - 04

3. Project Type Capital Purchase: x Construction Project:

4. Sponsoring Division : Water Distribution / Production

5. Project Budget: \$100,000

- Purchase \$95,000

- Construction

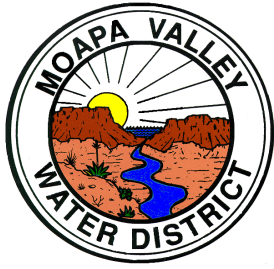
1. Engineering

2. Construction Management

3. Contract Services

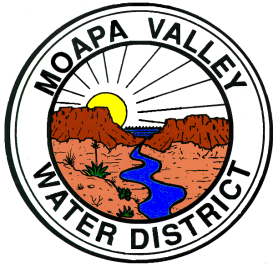
4. In House Purchase of Materials \$5,000

6. Project Description: The 2009 year service bed vehicle and has over 110,000 hard miles. The maintenance costs on this vehicle have dramatically started to increase, which indicates that replacement is prudent. This vehicle was scheduled for replacement in 2019 in the equipment replacement program. These replacement vehicles will be a four wheel vehicles, which is comparable to the existing unit.



CAPITAL IMPROVEMENT PROJECT - FISCAL YEAR 2020

1. Project Title: 30,000lbs Flatbed Trailer
2. Project Number 2020 – FARA - 05
3. Project Type Capital Purchase: x Construction Project:
4. Sponsoring Division : Water Distribution / Water Production
5. Project Budget: \$25,000
 - Purchase \$25,000
 - Construction
 1. Engineering
 2. Construction Management
 3. Contract Services
 4. In House Purchase of Materials
6. Project Description: This flatbed trailer will replace the 1981 20,000lbs flatbed trailer that has far exceeded its usefulness.



CAPITAL IMPROVEMENT PROJECT - FISCAL YEAR 2020

1. Project Title: Water Resource Development

2. Project Number 2020 – 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.