

**MWSD**  
**Five Year Capital Improvement Program**  
**WATER SYSTEM**

Existing Customer CIP	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	5-Year CIP Total
Mech. Sys. Rep. & Replacements-Water	\$ 10,200	\$ 10,404	\$ 10,612	\$ 10,824		\$ 42,040
Water Meters	\$ 25,500	\$ 52,020	\$ 53,060	\$ 54,122		\$ 184,702
Water Lateral Services	\$ 30,600	\$ 31,212	\$ 31,836	\$ 32,473		\$ 126,121
Water Main Replacements		\$ 260,202		\$ 260,202		\$ 520,404
Replace Fire Hydrants	\$ 5,100	\$ 5,202	\$ 5,306	\$ 5,412		\$ 21,020
Fire Flow Upgrades	\$ 40,000					
<b>Distribution System Renewal and Replacement Program</b>	<b>\$ 111,400</b>	<b>\$ 359,040</b>	<b>\$ 100,815</b>	<b>\$ 363,033</b>	<b>\$ 365,090</b>	<b>\$ 1,299,378</b>
<b>Water Conservation Program</b>	<b>\$ 8,670</b>	<b>\$ 8,843</b>	<b>\$ 9,020</b>	<b>\$ 9,201</b>	<b>\$ 9,385</b>	<b>\$ 45,119</b>
South Airport Well Rehabilitation and Fence	\$ -	\$ -	\$ -	\$ -		\$ -
Well Rehabilitation 200k approved, 100k spent	\$ 100,000	\$ -	\$ -	\$ -		\$ 100,000
<b>Well Rehabilitation Program</b>	<b>\$ 100,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 100,000</b>
<b>Storage Tank Rehabilitation Program</b>	<b>\$ -</b>	<b>\$ 100,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 100,000</b>
<b>Vehicle Replacement Fund</b>	<b>\$ -</b>	<b>\$ 30,000</b>	<b>\$ 25,000</b>	<b>\$ 25,500</b>	<b>\$ -</b>	<b>\$ 80,500</b>
<b>Groundwater Exploration Project</b>	<b>\$ 150,000</b>	<b>\$ 100,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 250,000</b>
Schoolhouse Tank West	\$ -	\$ -	\$ -	\$ -		\$ -
Alta Vista Tank No. 2 New	\$ 2,726,393	\$ -	\$ -	\$ -		\$ 2,726,393
Airport Water Treatment Plant - construction		\$ -	\$ -	\$ -		\$ -
Airport Water Treatment Plant - design	\$ -	\$ -	\$ -	\$ -		\$ -
<b>Public Works Plan Phase I Projects</b>	<b>\$ 2,726,393</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 2,726,393</b>
Pillar Ridge Rehabilitation Program	\$ 50,000	\$ 200,000	\$ 100,000	\$ 50,000	\$ 50,000	\$ 450,000
<b>EXISTING CUSTOMER CIP TOTAL</b>	<b>\$ 3,146,463</b>	<b>\$ 797,883</b>	<b>\$ 234,835</b>	<b>\$ 447,734</b>	<b>\$ 424,475</b>	<b>\$ 4,626,915</b>
New Customer CIP	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	5-Year CIP Total
Develop Additional Supply Reliability	\$ -	\$ 100,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 700,000
Portola Tank Telemetry Upgrade	\$ -	\$ 50,000	\$ -	\$ -	\$ -	\$ 50,000
New and Upgraded PRV Stations		\$ 51,000	\$ 52,020	\$ 53,060	\$ 54,122	\$ 210,202
Generator Upgrades	\$ 50,000	\$ -	\$ 52,000	\$ 55,000		\$ 157,000
Schoolhouse Booster Pump Station Upgrade	\$ -	\$ -		\$ -		\$ -
Valve Installation Program		\$ -	\$ -	\$ 15,300		\$ 15,300
Wagner Well Pump Upgrade		\$ -	\$ 25,000	\$ -		\$ 25,000
Water Main Upgrades	\$ -	\$ 300,000	\$ 300,000	\$ 300,000		\$ 900,000
<b>NEW CUSTOMER CIP TOTAL</b>	<b>\$ 50,000</b>	<b>\$ 501,000</b>	<b>\$ 629,020</b>	<b>\$ 623,360</b>	<b>\$ 254,122</b>	<b>\$ 2,057,502</b>
<b>Total Annual Capital Cost</b>	<b>\$ 3,196,463</b>	<b>\$ 1,298,883</b>	<b>\$ 863,855</b>	<b>\$ 1,071,094</b>	<b>\$ 678,597</b>	<b>\$ 6,684,418</b>
CAPITAL FUND BALANCE						
Beginning Balance	\$ 250,000	\$ 0	\$ (597,883)	\$ (832,718)		\$ (1,180,602)
Connection Fees	\$ 122,900					\$ 122,900
Appropriation from Operations to Exist. Cust	\$ 613,563					\$ 613,563
Appropriation from Operations to New Cust						\$ -
SRF LOAN 024	\$ -	\$ -	\$ -	\$ -		\$ -
SRF LOAN 022	\$ 2,210,000	\$ 200,000	\$ -	\$ -		\$ 2,410,000
GO Bond Acquisition and Improvement Fund			\$ -	\$ -		\$ -
I-Bank Loan (proposed)		\$ -	\$ -	\$ -		\$ -
<b>Annual Capital Fund TOTAL:</b>	<b>\$ 3,196,463</b>	<b>\$ 200,000</b>	<b>\$ (597,883)</b>	<b>\$ (832,718)</b>	<b>\$ -</b>	<b>\$ 1,965,861</b>
<b>Less CIP</b>	<b>\$ (3,196,463)</b>	<b>\$ (1,298,883)</b>	<b>\$ (863,855)</b>	<b>\$ (1,071,094)</b>	<b>\$ -</b>	<b>\$ (6,684,418)</b>
<b>Total</b>	<b>\$ 0</b>	<b>\$ (597,883)</b>	<b>\$ (832,718)</b>	<b>\$ (1,280,452)</b>	<b>\$ -</b>	<b>\$ (2,711,054)</b>
New Customer Reimbursement to Existing Customers for prior spent Connection Fees = \$86,667 annually						