

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					
Distribution System Renewal and Replacement Program	\$ 111,400	\$ 359,040	\$ 100,815	\$ 363,033	\$ 365,090	\$ 1,299,378
Water Conservation Program	\$ 8,670	\$ 8,843	\$ 9,020	\$ 9,201	\$ 9,385	\$ 45,119
South Airport Well Rehabilitation and Fence	\$ -	\$ -	\$ -	\$ -		\$ -
Well Rehabilitation 200k approved, 100k spent	\$ 100,000	\$ -	\$ -	\$ -		\$ 100,000
Well Rehabilitation Program	\$ 100,000	\$ -	\$ -	\$ -	\$ -	\$ 100,000
Storage Tank Rehabilitation Program	\$ -	\$ 100,000	\$ -	\$ -	\$ -	\$ 100,000
Vehicle Replacement Fund	\$ -	\$ 30,000	\$ 25,000	\$ 25,500	\$ -	\$ 80,500
Groundwater Exploration Project	\$ 150,000	\$ 100,000	\$ -	\$ -	\$ -	\$ 250,000
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	\$ -	\$ -	\$ -	\$ -		\$ -
Public Works Plan Phase I Projects	\$ 2,726,393	\$ -	\$ -	\$ -	\$ -	\$ 2,726,393
Pillar Ridge Rehabilitation Program	\$ 50,000	\$ 200,000	\$ 100,000	\$ 50,000	\$ 50,000	\$ 450,000
EXISTING CUSTOMER CIP TOTAL	\$ 3,146,463	\$ 797,883	\$ 234,835	\$ 447,734	\$ 424,475	\$ 4,626,915
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
NEW CUSTOMER CIP TOTAL	\$ 50,000	\$ 501,000	\$ 629,020	\$ 623,360	\$ 254,122	\$ 2,057,502
Total Annual Capital Cost	\$ 3,196,463	\$ 1,298,883	\$ 863,855	\$ 1,071,094	\$ 678,597	\$ 6,684,418
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)		\$ -	\$ -	\$ -		\$ -
Annual Capital Fund TOTAL:	\$ 3,196,463	\$ 200,000	\$ (597,883)	\$ (832,718)	\$ -	\$ 1,965,861
Less CIP	\$ (3,196,463)	\$ (1,298,883)	\$ (863,855)	\$ (1,071,094)	\$ -	\$ (6,684,418)
Total	\$ 0	\$ (597,883)	\$ (832,718)	\$ (1,280,452)	\$ -	\$ (2,711,054)
New Customer Reimbursement to Existing Customers for prior spent Connection Fees = \$86,667 annually						