

TRUCKEE MEADOWS WATER AUTHORITY
 CAPITAL IMPROVEMENT PLAN
 FOR FISCAL YEAR ENDING JUNE 30, 2013 THROUGH JUNE 30, 2017
 (Amounts in thousands of dollars)

Summary of Capital Expenditures by Function	Five Year Total	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Raw Water Supply-Improvements	\$ 7,000	\$ 5,000	\$ 475	\$ 675	\$ 425	\$ 425
Ground Water-Development	5,000	800	1,000	2,000	600	600
Treatment-Improvements	8,800	2,650	1,500	1,500	1,550	1,600
Distribution-Improvements	47,250	11,575	7,275	7,600	12,725	8,075
Storage-Improvements	6,000	500	400	1,800	2,900	400
Hydroelectric-Improvements	4,801	565	475	2,475	786	500
Customer Service	6,400	550	1,100	1,500	1,600	1,650
Administrative	5,160	1,187	937	1,062	837	1,137
Sub-Total TMWA Construction Spending & Outlays	<u>90,411</u>	<u>22,827</u>	<u>13,162</u>	<u>18,612</u>	<u>21,423</u>	<u>14,387</u>
Water Meter Retrofit	786	100	102	102	190	292
Total Projected Capital Spending	<u>\$ 91,197</u>	<u>\$ 22,927</u>	<u>\$ 13,264</u>	<u>\$ 18,714</u>	<u>\$ 21,613</u>	<u>\$ 14,679</u>

Attachment A-1

TRUCKEE MEADOWS WATER AUTHORITY
 CAPITAL IMPROVEMENT PLAN PRELIMINARY FUNDING PLAN
 FOR FISCAL YEAR ENDING JUNE 30, 2013 THROUGH JUNE 30, 2017
 (Amounts in thousands of dollars)

Summary of Funding by Customer Class/Bonding	Five Year Total	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Capital Improvements Funded by Customer Rates	\$ 82,131	\$ 17,097	\$ 13,112	\$ 16,512	\$ 21,273	\$ 14,137
Capital Improvements Funded by Development	<u>2,280</u>	<u>1,730</u>	<u>50</u>	<u>100</u>	<u>150</u>	<u>250</u>
Sub-Total TMWA Construction Spending & Outlays	<u>\$ 84,411</u>	<u>\$ 18,827</u>	<u>\$ 13,162</u>	<u>\$ 16,612</u>	<u>\$ 21,423</u>	<u>\$ 14,387</u>
Funded from Acquisition/DWSRF Bond Proceeds	6,000	4,000	-	2,000	-	
Water Meter Retrofit	<u>786</u>	<u>100</u>	<u>102</u>	<u>102</u>	<u>190</u>	<u>292</u>
Total Projected Capital Spending	<u>\$ 91,197</u>	<u>\$ 22,927</u>	<u>\$ 13,264</u>	<u>\$ 18,714</u>	<u>\$ 21,613</u>	<u>\$ 14,679</u>

Attachment A-2

TRUCKEE MEADOWS WATER AUTHORITY
 CAPITAL IMPROVEMENT PLAN SPENDING PRIORITIZATION
 FOR FISCAL YEAR ENDING JUNE 30, 2013 THROUGH JUNE 30, 2017
 (Amounts in thousands of dollars)

Summary of Funding by Priority	Five Year Total	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Priority 1----Mandatory Spending, Projects in Progress, Regulatory	\$ 66,337	20,215	10,652	13,652	11,001	10,817
Priority 2----Necessary Spending	24,010	2,637	2,537	4,562	10,487	3,787
Priority 3----Contingency Spending	<u>850</u>	<u>75</u>	<u>75</u>	<u>500</u>	<u>125</u>	<u>75</u>
	<u>\$ 91,197</u>	<u>22,927</u>	<u>13,264</u>	<u>18,714</u>	<u>21,613</u>	<u>14,679</u>

Attachment A-3

CAPITAL IMPROVEMENT PLAN
FOR FISCAL YEAR ENDING JUNE 30, 2013 THROUGH JUNE 30, 2017
(Amounts in thousands of dollars)

SUMMARY OF PROJECTS

Page #	Priority		Raw Water Supply-Improvements	Five Year Total	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
1	1	CR	Highland Canal-Upgrades-Downstream	\$ 625	\$ 125	\$ 125	\$ 125	\$ 125	\$ 125
2	1	DF & CR	Highland Canal-Upgrades-US 40	4,000	4,000	-	-	-	-
3	1	CR	Donner Dam Improvements	250	250	-	-	-	-
4	1	CR	TROA Drought Storage/Implementation	2,125	625	350	550	300	300
Subtotal -Raw Water Supply				7,000	5,000	475	675	425	425
Ground Water-Development									
5	1	CR	Well Rehabilitation & Improvements	5,000	800	1,000	2,000	600	600
Subtotal-Groundwater Development				5,000	800	1,000	2,000	600	600
Treatment-Improvements									
6	2	CR	Treatment Plants- Fix & Finish	5,050	900	1,000	1,000	1,050	1,100
7	1	CR	SCADA rehab/plant operating software	2,500	500	500	500	500	500
8	1	CR	Glendale Projects-Paving & Lab Remodel	1,250	1,250	-	-	-	-
Subtotal Treatment Improvements				8,800	2,650	1,500	1,500	1,550	1,600
Distribution-Improvements									
Pressure Improvements									
9	1	CR	Pressure Regulators Rehabilitation	1,500	300	300	300	300	300
10	1	CR	Pump Station Rebuilds,Rehabilitations	5,300	1,700	900	900	900	900
11	3	CR	Standby Generator Replacements	850	75	75	500	125	75
Sub-Total Pressure Improvements				7,650	2,075	1,275	1,700	1,325	1,275
Distribution Improvements-Water Mains/Service lines									
12	1	CR	Street & Highway Main Replacements	31,000	9,000	5,500	5,500	5,500	5,500
13	2	CR	Stead Main Replacement Phase II	5,500	-	-	-	5,500	-
14	2	CR	NE Sparks Feeder Main Relocation	900	-	-	-	-	900
15	2	CR	Galv/Poly Service Line Replacements	2,200	500	500	400	400	400
Subtotal Distribution Improvements				39,600	9,500	6,000	5,900	11,400	6,800
Storage Improvements									
16	1	CR	Highland Reservoir Line/Cover Replacement	1,400	-	-	1,400	-	-
17	2	CR	Peavine Tank Replacement	2,500	-	-	-	2,500	-
18	1	CR	Tank/Reservoir Fix & Finish	2,100	500	400	400	400	400
Subtotal Storage Improvements				6,000	500	400	1,800	2,900	400
Hydroelectric-Improvements									
19	2	CR	Acquisition of Farad Hydro Plant	2,000	-	-	2,000	-	-
20	1	CR	Flume Reconstruction Fleisch, Fliesch Footbridge, Verdi	1,600	500	150	150	400	400
21	1	CR	Hydro Plant Equipment Replacement	1,201	65	325	325	386	100
Subtotal Hydroelectric Improvements				4,801	565	475	2,475	786	500
Customer Service									
22	2	CR	Meter Reading Equipment Data Paks	100	-	50	-	50	-
23	2	DF	New Business Meters	600	50	50	100	150	250
24	1	CR	Meter Replacements	5,700	500	1,000	1,400	1,400	1,400
Subtotal Customer Service				6,400	550	1,100	1,500	1,600	1,650
Administrative									
25	2	CR	GIS System Mapping Equipment	85	17	17	17	17	17
26	2	CR	Desktop Computer Upgrades	250	50	50	50	50	50
27	2	CR	Network Server/Storage upgrades	1,050	275	175	175	175	250
28	2	CR	Network Security Upgrades	825	150	150	150	150	225
29	2	CR	Engineering Operations Computer/Software Upgrades	150	25	25	25	25	50
30	2	CR	Computer/Network Licensing	1,000	400	150	150	150	150
31	2	CR	Heavy Equipment	250	-	-	125	-	125
32	2	CR	Light Crew Trucks	1,100	220	220	220	220	220
33	2	CR	Security-VA/ER Projects	450	50	150	150	50	50
Subtotal Administrative-				5,160	1,187	937	1,062	837	1,137
Sub Total Construction Expenditures and Capital Outlays				\$ 90,411	\$ 22,827	\$ 13,162	\$ 18,612	\$ 21,423	\$ 14,387
Special Projects Funded by Development									
1		DF	Water Meter Retrofits	786	100	102	102	190	292
Sub Total Special Projects Funded by Development				786	100	102	102	190	292
Total Construction Expenditures and Capital Outlays				\$ 91,197	\$ 22,927	\$ 13,264	\$ 18,714	\$ 21,613	\$ 14,679