

TRUCKEE MEADOWS WATER AUTHORITY  
 CAPITAL IMPROVEMENT PLAN  
 FOR FISCAL YEAR ENDING JUNE 30, 2012 THROUGH JUNE 30, 2016  
 (Amounts in thousands of dollars)

Summary of Capital Expenditures by Function	Five Year Total	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016
Raw Water Supply-Improvements	\$ 5,875	\$ 4,375	\$ 525	\$ 325	\$ 325	\$ 325
Ground Water-Development	4,800	800	800	1,800	800	600
Treatment-Improvements	7,650	1,100	1,450	2,400	1,350	1,350
Distribution-Improvements	45,500	10,725	7,125	7,650	7,275	12,725
Storage-Improvements	5,600	500	300	1,700	300	2,800
Hydroelectric-Improvements	4,532	681	415	2,500	536	400
Customer Service	6,300	550	1,100	1,450	1,550	1,650
Administrative	4,646	1,117	818	852	832	1,027
Sub-Total TMWA Construction Spending & Outlays	<u>84,903</u>	<u>19,848</u>	<u>12,533</u>	<u>18,677</u>	<u>12,968</u>	<u>20,877</u>
Water Meter Retrofit	879	500	73	73	102	131
<b>Total Projected Capital Spending</b>	<u>\$ 85,782</u>	<u>\$ 20,348</u>	<u>\$ 12,606</u>	<u>\$ 18,750</u>	<u>\$ 13,070</u>	<u>\$ 21,008</u>

ATTACHMENT A-1

TRUCKEE MEADOWS WATER AUTHORITY  
 CAPITAL IMPROVEMENT PLAN PRELIMINARY FUNDING PLAN  
 FOR FISCAL YEAR ENDING JUNE 30, 2012 THROUGH JUNE 30, 2016  
 (Amounts in thousands of dollars)

Summary of Funding by Customer Class/Bonding	Five Year Total	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016
Capital Improvements Funded by Customer Rates	\$ 80,294	\$ 18,289	\$ 12,483	\$ 16,427	\$ 12,668	\$ 20,427
Capital Improvements Funded by Development	<u>2,609</u>	<u>1,559</u>	<u>50</u>	<u>250</u>	<u>300</u>	<u>450</u>
<b>Sub-Total TMWA Construction Spending &amp; Outlays</b>	<b>\$ 82,903</b>	<b>\$ 19,848</b>	<b>\$ 12,533</b>	<b>\$ 16,677</b>	<b>\$ 12,968</b>	<b>\$ 20,877</b>
Funded from Acquisition Bond Proceeds	2,000	-	-	2,000	-	
Water Rights Acquisition & Water Meter Retrofit	<u>879</u>	<u>500</u>	<u>73</u>	<u>73</u>	<u>102</u>	<u>131</u>
<b>Total Projected Capital Spending</b>	<b>\$ 85,782</b>	<b>\$ 20,348</b>	<b>\$ 12,606</b>	<b>\$ 18,750</b>	<b>\$ 13,070</b>	<b>\$ 21,008</b>

ATTACHMENT A-2

TRUCKEE MEADOWS WATER AUTHORITY  
 CAPITAL IMPROVEMENT PLAN SPENDING PRIORITIZATION  
 FOR FISCAL YEAR ENDING JUNE 30, 2012 THROUGH JUNE 30, 2016  
 (Amounts in thousands of dollars)

Summary of Funding by Priority	Five Year Total	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016
Priority 1----Mandatory Spending, Projects in Progress, Regulatory	\$ 61,886	18,606	9,863	13,498	10,113	9,806
Priority 2----Necessary Spending	22,446	1,667	2,668	4,552	2,632	10,927
Priority 3----Contingency Spending	<u>1,450</u>	<u>75</u>	<u>75</u>	<u>700</u>	<u>325</u>	<u>275</u>
	<u>\$ 85,782</u>	<u>20,348</u>	<u>12,606</u>	<u>18,750</u>	<u>13,070</u>	<u>21,008</u>

ATTACHMENT A-3

**CAPITAL IMPROVEMENT PLAN  
FOR FISCAL YEAR ENDING JUNE 30, 2012 THROUGH JUNE 30, 2016  
(Amounts in thousands of dollars)**

**SUMMARY OF PROJECTS**

Page #	Priority			Five Year Total	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016
<b>Raw Water Supply-Improvements</b>									
1	1	CR	Highland Canal-Upgrades-Downstream	\$ 625	\$ 125	\$ 125	\$ 125	\$ 125	\$ 125
2	1	DF & CR	Highland Canal-Upgrades-US 40	3,500	3,500	-	-	-	-
3	1	CR	Donner Dam Improvements	250	250				
4	1	CR	TROA Drought Storage/Implementation	1,500	500	400	200	200	200
<b>Subtotal -Raw Water Supply</b>				<b>5,875</b>	<b>4,375</b>	<b>525</b>	<b>325</b>	<b>325</b>	<b>325</b>
<b>Ground Water-Development</b>									
5	1	CR	Well Rehabilitation & Improvements	4,800	800	800	1,800	800	600
<b>Subtotal-Groundwater Development</b>				<b>4,800</b>	<b>800</b>	<b>800</b>	<b>1,800</b>	<b>800</b>	<b>600</b>
<b>Treatment-Improvements</b>									
6	2	CR	Treatment Plants- Fix & Finish	5,000	-	1,250	1,250	1,250	1,250
7	1	CR	SCADA rehab/plant operating software	1,750	200	200	1,150	100	100
8	1	CR	Chalk Bluff/Glendale Projects Fix & Finish/Expansion Design	750	750	-	-	-	-
9	1	DF & CR	Glendale Diversion Improvements	150	150	-	-	-	-
<b>Subtotal Treatment Improvements</b>				<b>7,650</b>	<b>1,100</b>	<b>1,450</b>	<b>2,400</b>	<b>1,350</b>	<b>1,350</b>
<b>Distribution-Improvements</b>									
<b>Pressure Improvements</b>									
10	1	CR	Pressure Regulators Rehabilitation	1,500	300	300	300	300	300
11	1	CR	Pump Station Rebuilds,Rehabilitations	3,850	850	750	750	750	750
12	3	CR	Standby Generator Replacements	850	75	75	500	125	75
<b>Sub-Total Pressure Improvements</b>				<b>6,200</b>	<b>1,225</b>	<b>1,125</b>	<b>1,550</b>	<b>1,175</b>	<b>1,125</b>
<b>Distribution Improvements-Water Mains/Service lines</b>									
13	3	DF	General Distribution Line Oversizing/Extensions	600	-	-	200	200	200
14	1	CR	Street & Highway Main Replacements	31,000	9,000	5,500	5,500	5,500	5,500
15	2	CR	Stead Main Replacement Phase II	5,500	-	-	-	-	5,500
16	2	CR	Galv/Poly Service Line Replacements	2,200	500	500	400	400	400
<b>Subtotal Distribution Improvements</b>				<b>39,300</b>	<b>9,500</b>	<b>6,000</b>	<b>6,100</b>	<b>6,100</b>	<b>11,600</b>
<b>Storage Improvements</b>									
17	1	CR	Highland Reservoir Line/Cover Replacement	1,400	-	-	1,400	-	-
18	2	CR	Peavine Tank Replacement	2,500	-	-	-	-	2,500
19	1	CR	Tank/Reservoir Fix & Finish	1,700	500	300	300	300	300
<b>Subtotal Storage Improvements</b>				<b>5,600</b>	<b>500</b>	<b>300</b>	<b>1,700</b>	<b>300</b>	<b>2,800</b>
<b>Hydroelectric-Improvements</b>									
20	2	CR	Acquisition of Farad Hydro Plant	2,000	-	-	2,000	-	-
21	1	CR	Flume Reconstruction Fleisch, Fliesch Footbridge, Verdi	1,200	150	350	150	150	400
22	1	CR	Hydro Plant Equipment Replacement	1,332	531	65	350	386	-
<b>Subtotal Hydroelectric Improvements</b>				<b>4,532</b>	<b>681</b>	<b>415</b>	<b>2,500</b>	<b>536</b>	<b>400</b>
<b>Customer Service</b>									
23	2	CR	Meter Reading Equipment Data Paks	100	-	50	-	50	-
24	2	DF	New Business Meters	500	50	50	50	100	250
25	1	CR	Meter Replacements	5,700	500	1,000	1,400	1,400	1,400
<b>Subtotal Customer Service</b>				<b>6,300</b>	<b>550</b>	<b>1,100</b>	<b>1,450</b>	<b>1,550</b>	<b>1,650</b>
<b>Administrative</b>									
26	2	CR	GIS System Mapping Equipment	85	17	17	17	17	17
27	2	CR	Desktop Computer Upgrades	250	50	50	50	50	50
28	2	CR	Network Server/Storage upgrades	1,050	275	175	175	175	250
29	2	CR	Network Security Upgrades	825	150	150	150	150	225
30	2	CR	Engineering Operations Computer/Software Upgrades	150	25	25	25	25	50
31	2	CR	Computer/Network Licensing	955	330	150	150	150	175
32	2	CR	Heavy Equipment	250	-	-	125	-	125
33	2	CR	Light Crew Trucks	684	128	146	110	215	85
34	2	CR	Heavy Crew Trucks	147	92	55	-	-	-
35	2	CR	Security-Monitoring Equipment	250	50	50	50	50	50
<b>Subtotal Administrative-</b>				<b>4,646</b>	<b>1,117</b>	<b>818</b>	<b>852</b>	<b>832</b>	<b>1,027</b>
<b>Sub Total Construction Expenditures and Capital Outlays</b>				<b>\$ 84,903</b>	<b>\$ 19,848</b>	<b>\$ 12,533</b>	<b>\$ 18,677</b>	<b>\$ 12,968</b>	<b>\$ 20,877</b>
<b>Special Projects Funded by Development</b>									
3	DF		Rule 7 Water Rights Purchase	-	-	-	-	-	-
1	DF		Water Meter Retrofits	879	500	73	73	102	131
<b>Sub Total Special Projects Funded by Development</b>				<b>879</b>	<b>500</b>	<b>73</b>	<b>73</b>	<b>102</b>	<b>131</b>
<b>Total Construction Expenditures and Capital Outlays</b>				<b>\$ 85,782</b>	<b>\$ 20,348</b>	<b>\$ 12,606</b>	<b>\$ 18,750</b>	<b>\$ 13,070</b>	<b>\$ 21,008</b>

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