

**TRUCKEE MEADOWS WATER AUTHORITY  
CAPITAL IMPROVEMENT PLAN  
FOR FISCAL YEAR ENDING JUNE 30, 2010 THROUGH JUNE 30, 2014  
(Amounts in thousands of dollars)**

Summary of Capital Expenditures by Function	Ten Year Total	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Raw Water Supply-Improvements	\$ 11,800	\$ 11,800	\$ -	\$ -	\$ -	\$ -
Ground Water-Development	5,400	2,000	1,600	600	600	600
Treatment-Improvements	6,200	900	900	1,800	1,300	1,300
Distribution-Improvements	49,250	8,100	7,675	6,900	12,875	13,700
Storage-Improvements	11,700	1,800	300	300	5,100	4,200
Hydroelectric-Improvements	3,830	250	260	2,280	515	525
Customer Service	5,710	550	455	1,265	1,685	1,755
Administrative	4,221	666	650	915	1,065	925
Sub-Total TMWA Construction Spending & Outlays	<u>98,111</u>	<u>26,066</u>	<u>11,840</u>	<u>14,060</u>	<u>23,140</u>	<u>23,005</u>
Water Meter Retrofit	1,000	1,000	-	-	-	-
<b>Total Projected Capital Spending</b>	<u>\$ 99,111</u>	<u>\$ 27,066</u>	<u>\$ 11,840</u>	<u>\$ 14,060</u>	<u>\$ 23,140</u>	<u>\$ 23,005</u>

ATTACHMENT B-1

**TRUCKEE MEADOWS WATER AUTHORITY  
CAPITAL IMPROVEMENT PLAN PRELIMINARY FUNDING PLAN  
FOR FISCAL YEAR ENDING JUNE 30, 2010 THROUGH JUNE 30, 2014  
(Amounts in thousands of dollars)**

<b>Summary of Funding by Customer Class/Bonding</b>	<b>Ten Year Total</b>	<b>FY 2010</b>	<b>FY 2011</b>	<b>FY 2012</b>	<b>FY 2013</b>	<b>FY 2014</b>
Capital Improvements Funded by Customer Rates	\$ 78,049	\$ 19,445	\$ 11,520	\$ 13,523	\$ 18,875	\$ 14,686
Capital Improvements Funded by Development	20,062	6,621	320	537	4,265	8,319
Sub-Total TMWA Construction Spending & Outlays	\$ 98,111	\$ 26,066	\$ 11,840	\$ 14,060	\$ 23,140	\$ 23,005
Water Rghts Acquisition & Water Meter Retrofit	<u>1,000</u>	<u>1,000</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
<b>Total Projected Capital Spending</b>	<b>\$ 99,111</b>	<b>\$ 27,066</b>	<b>\$ 11,840</b>	<b>\$ 14,060</b>	<b>\$ 23,140</b>	<b>\$ 23,005</b>

ATTACHMENT B-2

**TRUCKEE MEADOWS WATER AUTHORITY  
CAPITAL IMPROVEMENT PLAN SPENDING PRIORITIZATION  
FOR FISCAL YEAR ENDING JUNE 30, 2010 THROUGH JUNE 30, 2014  
(Amounts in thousands of dollars)**

<b>Summary of Funding by Priority</b>	<b>Ten Year Total</b>	<b>FY 2010</b>	<b>FY 2011</b>	<b>FY 2012</b>	<b>FY 2013</b>	<b>FY 2014</b>
<b>Priority 1----Mandatory Spending, Projects in Progress, Regulatory</b>	<b>\$ 67,180</b>	<b>25,350</b>	<b>10,165</b>	<b>9,365</b>	<b>12,335</b>	<b>9,965</b>
<b>Priority 2----Necessary Spending</b>	<b>20,346</b>	<b>1,441</b>	<b>1,300</b>	<b>4,135</b>	<b>8,930</b>	<b>4,540</b>
<b>Priority 3----Contingency Spending</b>	<b>11,585</b>	<b>275</b>	<b>375</b>	<b>560</b>	<b>1,875</b>	<b>8,500</b>
	<b>\$ 99,111</b>	<b>27,066</b>	<b>11,840</b>	<b>14,060</b>	<b>23,140</b>	<b>23,005</b>

ATTACHMENT B-3

**CAPITAL IMPROVEMENT PLAN**  
**FOR FISCAL YEAR ENDING JUNE 30, 2010 THROUGH JUNE 30, 2014**  
 (Amounts in thousands of dollars)

SUMMARY OF PROJECTS		Ten Year	FY	FY	FY	FY	FY
Page #	Priority	Total	2010	2011	2012	2013	2014
<b>Raw Water Supply-Improvements</b>							
1	1	DF & CR Highland Canal-Upgrades	2,800	2,800	-	-	-
2	1	DF & CR Mogul Bypass Siphon	9,000	9,000	-	-	-
<b>Subtotal -Raw Water Supply</b>		<b>11,800</b>	<b>11,800</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Ground Water-Development</b>							
3	1	DF Well Development White Fir and Peckham Construction	600	600	-	-	-
4	1	DF Groundwater Treatment Plant SW Sparks	800	800	-	-	-
5	1	CR Well Rehabilitation & Improvements	4,000	600	1,600	600	600
<b>Subtotal-Groundwater Development</b>		<b>5,400</b>	<b>2,000</b>	<b>1,600</b>	<b>600</b>	<b>600</b>	<b>600</b>
<b>Treatment-Improvements</b>							
6	2	CR Treatment Plants- Fix & Finish	2,500	-	-	-	1,250
7	1	CR SCADA rehab/plant operating software	1,500	150	100	1,150	50
8	1	CR Chalk Bluff/Glendale Projects Fix & Finish	1,700	500	550	650	-
9	1	DF & CR Glendale Diversion Improvements	500	250	250	-	-
<b>Subtotal Treatment Improvements</b>		<b>6,200</b>	<b>900</b>	<b>900</b>	<b>1,800</b>	<b>1,300</b>	<b>1,300</b>
<b>Distribution-Improvements</b>							
<b>Pressure Improvements</b>							
10	1	CR Pressure Regulators Rehabilitation	750	150	150	150	150
11	3	DF Pressure Regulation Improvements/interties	750	150	150	150	150
12	1	CR Pump Station Rebuilds,Rehabilitations	3,700	650	800	750	750
13	3	CR Standby Generator Replacements	650	-	75	-	75
14	3	DF Truckee River Highlands PS #1 & PS #2 Main ties in	100	-	-	-	100
15	3	DF Verdi #1 PS & Verdi #2 PS & US 40 Expansion	100	-	-	-	100
16	3	DF D'Andrea, Vista, Pump Stations	2,100	-	-	100	1,000
<b>Sub-Total Pressure Improvements</b>		<b>8,150</b>	<b>950</b>	<b>1,175</b>	<b>1,150</b>	<b>2,125</b>	<b>2,750</b>
<b>Distribution Improvements-Water Mains/Service lines</b>							
17	3	DF Verdi- Mogul-Boomtown Feeder Mains	100	-	-	-	100
18	1	CR Valley Rd Main Replacement	1,000	1,000	-	-	-
19	2	DF & CR Stead Gravity Main Replacement	6,550	-	-	750	5,800
20	3	DF Sparks Feeder Mains-Phase IV &- WTP to Prater Way	5,700	-	-	-	5,700
21	3	DF General Distribution Line Oversizing/Extensions	400	-	-	-	200
22	1	CR Street & Highway Main Replacements	24,450	5,650	6,000	4,500	4,100
23	2	CR Galv/Poly Service Line Replacements	2,900	500	500	500	650
<b>Subtotal Distribution Improvements</b>		<b>41,100</b>	<b>7,150</b>	<b>6,500</b>	<b>5,750</b>	<b>10,750</b>	<b>10,950</b>
<b>Storage Improvements</b>							
24	1	CR Highland Reservoir Line/Cover Replacement	1,400	-	-	-	1,400
25	1	CR Tank/Reservoir Fix & Finish	1,500	300	300	300	300
26	1	CR West Seventh Street Tank Replacement	1,500	1,500	-	-	-
27	2	DF & CR Community College (TMCC) Steel Tank	1,600	-	-	-	100
28	1	DF & CR Highland - Longley Storage	5,500	-	-	-	4,700
29	3	DF& CR Caughlin #2 Steel Storage Tank	100	-	-	-	100
30	3	DF Lower Verdi Storage Tank	100	-	-	-	100
<b>Subtotal Storage Improvements</b>		<b>11,700</b>	<b>1,800</b>	<b>300</b>	<b>300</b>	<b>5,100</b>	<b>4,200</b>
<b>Hydroelectric-Improvements</b>							
31	2	CR Acquisition of Farad Hydro Plant	2,000	-	-	2,000	-
32	2	CR Flume Reconstruction Fleisch,Washoe	1,520	200	210	220	440
33	3	CR Hydro Plant Equipment Replacement	310	50	50	60	75
<b>Subtotal Hydroelectric Improvements</b>		<b>3,830</b>	<b>250</b>	<b>260</b>	<b>2,280</b>	<b>515</b>	<b>525</b>
<b>Customer Service</b>							
34	2	CR Meter Reading Equipment Data Paks/SO Automation	230	150	40	-	40
35	1	DF New Business Meters	470	50	65	100	140
36	1	CR Small Meter Replacements	4,200	200	200	1,000	1,400
37	1	CR Large Meter Replacements	810	150	150	165	175
<b>Subtotal Customer Service</b>		<b>5,710</b>	<b>550</b>	<b>455</b>	<b>1,265</b>	<b>1,685</b>	<b>1,755</b>
<b>Administrative</b>							
38	2	CR Desktop Computer Upgrades	245	45	50	50	50
39	2	CR Network Server/Storage upgrades	890	190	175	175	175
40	2	CR Network Security Upgrades	750	150	150	150	150
41	2	CR Engineering Operations Computer/Software Upgrades	120	20	25	25	25
42	2	CR Computer/Network Licensing	786	186	150	150	150
43	2	CR Heavy Equipment	140	-	-	-	140
44	3	CR Light Crew Trucks	1,175	75	100	250	375
45	2	CR Heavy Crew Trucks	115	-	-	115	-
<b>Subtotal Administrative-</b>		<b>4,221</b>	<b>666</b>	<b>650</b>	<b>915</b>	<b>1,065</b>	<b>925</b>
<b>Sub Total Construction Expenditures and Capital Outlays</b>		<b>\$ 98,111</b>	<b>\$ 26,066</b>	<b>\$ 11,840</b>	<b>\$ 14,060</b>	<b>\$ 23,140</b>	<b>\$ 23,005</b>
<b>Special Projects Funded by Development</b>							
1	3	DF Rule 7 Water Rights Purchase	-	-	-	-	-
2	1	DF Water Meter Retrofits	1,000	1,000	-	-	-
<b>Sub Total Special Projects Funded by Development</b>		<b>1,000</b>	<b>1,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Total Construction Expenditures and Capital Outlays</b>		<b>\$ 99,111</b>	<b>\$ 27,066</b>	<b>\$ 11,840</b>	<b>\$ 14,060</b>	<b>\$ 23,140</b>	<b>\$ 23,005</b>

**CAPITAL IMPROVEMENT PLAN**  
**REHABILITATION PROJECTS FUNDED BY CUSTOMER WATER RATES**  
 FOR FISCAL YEAR ENDING JUNE 30, 2010 THROUGH JUNE 30, 2014  
 (Amounts in thousands of dollars)

	Ten Year Total	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
<b>Raw Water Supply-Improvements</b>						
DF & CR Highland Canal-Upgrades	\$ 1,624	\$ 1,624	\$ -	\$ -	\$ -	\$ -
DF & CR Mogul Bypass Siphon	5,220	5,220	-	-	-	-
<b>Subtotal Supply-Upstream CAPEX</b>	<b>6,844</b>	<b>6,844</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Ground Water-Development</b>						
DF Well Development NE Sparks; Reed	-	-	-	-	-	-
DF Well Development/Treatment Sparks	-	-	-	-	-	-
CR Well Rehabilitation & Improvements	4,000	600	1,600	600	600	600
<b>Subtotal Supply -Well CAPEX</b>	<b>4,000</b>	<b>600</b>	<b>1,600</b>	<b>600</b>	<b>600</b>	<b>600</b>
<b>Treatment-Improvements</b>						
CR Treatment Plants- Fix & Finish	2,500	-	-	-	1,250	1,250
CR SCADA system upgrades/rehabilitation	1,500	150	100	1,150	50	50
CR Chalk Bluff Projects Fix & Finish	1,700	500	550	650	-	-
DF & CR Glendale Diversion Improvements	370	185	185	-	-	-
<b>Subtotal Treatment CAPEX</b>	<b>6,070</b>	<b>835</b>	<b>835</b>	<b>1,800</b>	<b>1,300</b>	<b>1,300</b>
<b>Distribution-Improvements</b>						
<b>Pressure Improvements</b>						
CR Pressure Regulators	750	150	150	150	150	150
DF Pressure Reg Station Additions	-	-	-	-	-	-
CR Pump Station Rehabilitations, Rebuilds	3,700	650	800	750	750	750
CR Standby Generator Replacements	650	-	75	-	75	500
DF Truckee River Highlands PS #1 & PS #2 Main ties in	-	-	-	-	-	-
DF Verdi #1PS & Verdi #2 PS & US 40 Expansion	-	-	-	-	-	-
DF D'Andrea, Vista, Pump Stations	-	-	-	-	-	-
<b>Sub-Total Pressure Improvements</b>	<b>5,100</b>	<b>800</b>	<b>1,025</b>	<b>900</b>	<b>975</b>	<b>1,400</b>
<b>Water Mains/Service Lines</b>						
DF Internal Stead-Silver Lake-Main Improvements	-	-	-	-	-	-
DF Verdi- Mogul-Boomtown Feeder Mains	-	-	-	-	-	-
CR Valley Rd Main Replacement	1,000	1,000	-	-	-	-
DF & CR Stead Gravity Main Replacement	4,913	-	-	563	4,350	-
CR Street & Highway Main Replacements	24,450	5,650	6,000	4,500	4,100	4,200
CR Galv/Poly Service Line Replacements	2,900	500	500	500	650	750
<b>Subtotal Distribution CAPEX</b>	<b>33,263</b>	<b>7,150</b>	<b>6,500</b>	<b>5,563</b>	<b>9,100</b>	<b>4,950</b>
<b>Storage Improvements</b>						
CR Highland Reservoir Line/Cover Replacement	1,400	-	-	-	-	1,400
CR Tank/Reservoir Fix & Finish	1,500	300	300	300	300	300
CR West Seventh Street Tank Replacement	1,500	1,500	-	-	-	-
DF & CR Community College (TMCC) Steel Tank	1,072	-	-	-	67	1,005
DF & CR Hunter Cr. -Highland - Longley Storage	3,959	-	-	-	3,383	576
DF & CR Caughlin #2 Steel Storage Tank	90	-	-	-	-	90
DF Lower Verdi Tank	-	-	-	-	-	-
<b>Subtotal Storage CAPEX</b>	<b>9,521</b>	<b>1,800</b>	<b>300</b>	<b>300</b>	<b>3,750</b>	<b>3,371</b>
<b>Hydroelectric-Improvements</b>						
CR Acquisition of Verdi, Washoe & Fleisch Hydro Plants	2,000	-	-	2,000	-	-
CR Flume Reconstruction Fleisch, Washoe	1,520	200	210	220	440	450
CR Fleisch Plant Rehabilitation, future Rehab	310	50	50	60	75	75
<b>Subtotal Hydroelectric CAPEX</b>	<b>3,830</b>	<b>250</b>	<b>260</b>	<b>2,280</b>	<b>515</b>	<b>525</b>
<b>Customer Service</b>						
CR Meter Reading Equipment	190	150	-	-	-	40
DF New Business Meters	-	-	-	-	-	-
CR Small Meter Replacements	4,200	200	200	1,000	1,400	1,400
CR Large Meter Replacements	810	150	150	165	170	175
<b>Subtotal Customer Service CAPEX</b>	<b>5,200</b>	<b>500</b>	<b>350</b>	<b>1,165</b>	<b>1,570</b>	<b>1,615</b>
<b>Administrative</b>						
CR Desktop Computer Upgrades	245	45	50	50	50	50
CR Network Server/Storage upgrades	890	190	175	175	175	175
CR Network Security Upgrades	750	150	150	150	150	150
CR Engineering Operations Computer/Software Upgrades	120	20	25	25	25	25
CR Communications-WLAN CB/Glendale/Corporate VOIP	786	186	150	150	150	150
CR Furniture -Office Equipment	-	-	-	-	-	-
CR Dump Trucks & Backhoe Trailers	140	-	-	-	140	-
CR Light Crew Trucks Cab & Chassis	1,175	75	100	250	375	375
CR Light Crew Truck Improvements	115	-	-	115	-	-
<b>Subtotal Administrative-CAPEX</b>	<b>4,221</b>	<b>666</b>	<b>650</b>	<b>915</b>	<b>1,065</b>	<b>925</b>
<b>Total Capital Expenditures Funded by Customer Water Rates</b>	<b>\$ 78,049</b>	<b>\$ 19,445</b>	<b>\$ 11,520</b>	<b>\$ 13,523</b>	<b>\$ 18,875</b>	<b>\$ 14,686</b>