

TRUCKEE MEADOWS WATER AUTHORITY
CAPITAL IMPROVEMENT PLAN
FOR FISCAL YEAR ENDING JUNE 30, 2005 THROUGH JUNE 30, 2014
(Amounts in thousands of dollars)

Summary of Capital Expenditures				Ten Year	FY	FY	FY	FY	FY	FY	FY	FY	FY	
				Total	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Raw Water Supply-Improvements				\$ 18,200	\$ 2,050	\$ 1,325	\$ 1,800	\$ 1,375	\$ 1,300	\$ 950	\$ 975	\$ 1,300	\$ 1,300	\$ 5,825
Ground Water-Development				25,450	3,550	2,500	1,300	1,300	1,300	6,500	7,500	500	500	500
Treatment-Improvements				94,300	6,700	19,100	19,900	23,550	16,050	1,300	1,550	1,800	2,050	2,300
Distribution-Improvements				117,729	13,477	9,000	10,198	12,135	9,275	14,450	10,025	15,450	13,269	10,450
Storage-Improvements				48,350	8,500	7,100	2,950	450	4,100	5,450	12,450	2,450	2,450	2,450
Hydroelectric-Improvements				4,750	375	1,375	375	375	375	375	375	375	375	375
Water Rights				30,500	2,600	2,700	2,800	2,900	3,000	3,100	3,200	3,300	3,400	3,500
Customer Service				34,659	6,032	5,357	4,750	4,460	4,210	1,960	2,010	1,960	1,960	1,960
Aministrative				17,477	8,159	1,743	855	965	890	1,030	1,015	900	900	1,020
Total TMWA Capital Improvements				\$ 391,415	\$51,443	\$50,200	\$44,928	\$47,510	\$40,500	\$35,115	\$39,100	\$28,035	\$26,204	\$28,380
# Priority Funding Raw Water Supply-Improvements				Ten Year	FY	FY	FY	FY	FY	FY	FY	FY	FY	FY
				Total	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
2	CR	Highland Canal-Upgrades		\$ 9,250	\$ 1,100	\$ 1,100	\$ 1,100	\$ 1,100	\$ 1,100	\$ 750	\$ 750	\$ 750	\$ 750	\$ 750
3	CR	Mogul Bypass Siphon		6,000	-	-	-	-	-	-	-	500	500	5,000
2	CR	Independence Lake Upgrades		100	-	25	-	25	-	-	25	-	-	25
1 & 3	CR	Donner Dam Upgrade		800	750	-	-	50	-	-	-	-	-	-
2	CR	Highland/Washoe Headgates		500	-	-	500	-	-	-	-	-	-	-
3	CR	Ditch/Watershed Monitoring Improvement		500	50	50	50	50	50	50	50	50	50	50
2	CR	Non-potable irrigation		1,050	150	150	150	150	150	150	150	-	-	-
Subtotal Supply-Upstream CAPEX				18,200	2,050	1,325	1,800	1,375	1,300	950	975	1,300	1,300	5,825
Ground Water-Development														
1	DF	Well Development		6,400	3,000	1,000	800	800	800	-	-	-	-	-
2	DF	Well Development/Treatment Sparks		14,050	50	1,000	-	-	-	6,000	7,000	-	-	-
1	CR	Well Rehabilitation & Improvements		5,000	500	500	500	500	500	500	500	500	500	500
Subtotal Supply -Well CAPEX				25,450	3,550	2,500	1,300	1,300	1,300	6,500	7,500	500	500	500
Treatment-Improvements														
1 & 2	CR	Treatment Plants- Fix & Finish		12,750	500	750	750	1,000	1,000	1,250	1,500	1,750	2,000	2,250
2	DF & CR	Glendale Effluent Pump Rebuilds		3,800	100	100	100	3,500	-	-	-	-	-	-
1	DF & CR	Chalk Bluff Phase III Expansion		500	500	-	-	-	-	-	-	-	-	-
2	CR	Glendale Low Lift Pump		1,250	100	750	50	50	50	50	50	50	50	50
2	DF & CR	Glendale Diversion Improvements		9,000	500	500	4,000	4,000	-	-	-	-	-	-
1 & 2	CR	Arsenic Mitigation		67,000	5,000	17,000	15,000	15,000	15,000	-	-	-	-	-
Subtotal Treatment CAPEX				94,300	6,700	19,100	19,900	23,550	16,050	1,300	1,550	1,800	2,050	2,300

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		Summary of Capital Expenditures																			
		Ten Year Total	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014									
Storage Improvements																					
2	CR																				
2	CR	2,150	-	-	-	-	2,150	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1	CR	4,500	450	450	450	450	450	450	450	450	450	450	450	450	450	450	450	450	450	450	450
2	CR	500	500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	CR	1,500	-	-	-	-	1,500	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	CR	1,000	-	1,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1	DF & CR	2,750	2,750	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1	DF & CR	4,200	100	4,100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1	DF & CR	3,000	3,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1	DF & CR	1,700	1,700	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1	DF & CR	1,550	-	50	1,500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	DF & CR	5,000	-	-	-	-	-	-	-	-	-	-	5,000	-	-	-	-	-	-	-	-
1	DF & CR	1,500	-	1,500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1	DF & CR	1,000	-	-	1,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1	DF	10,000	-	-	-	-	-	-	-	-	-	-	5,000	5,000	-	-	-	-	-	-	-
2	DF	8,000	-	-	-	-	-	-	-	-	-	-	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000
		48,350	8,500	7,100	2,950	450	4,100	5,450	12,450	2,450	2,450	2,450	2,450	2,450	2,450	2,450	2,450	2,450	2,450	2,450	2,450
Hydroelectric-Improvements																					
2	CR	1,000	-	1,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	CR	2,500	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250
3	CR	1,250	125	125	125	125	125	125	125	125	125	125	125	125	125	125	125	125	125	125	125
		4,750	375	1,375	375	375	375	375	375	375	375	375	375	375	375	375	375	375	375	375	375
Water Resources & Planning																					
1	DF	30,500	2,600	2,700	2,800	2,900	3,000	3,100	3,200	3,300	3,400	3,500	3,600	3,700	3,800	3,900	4,000	4,100	4,200	4,300	4,400
		30,500	2,600	2,700	2,800	2,900	3,000	3,100	3,200	3,300	3,400	3,500	3,600	3,700	3,800	3,900	4,000	4,100	4,200	4,300	4,400
Customer Service																					
1	CR	150	150	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	CR	144	32	32	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
2	CR	90	-	-	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1	DF	14,000	3,500	3,000	2,750	2,500	2,250	2,000	1,750	1,500	1,250	1,000	750	500	250	250	250	250	250	250	250
1	DF	5,500	750	750	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500
1	CR	12,925	1,250	1,275	1,300	1,300	1,300	1,300	1,300	1,300	1,300	1,300	1,300	1,300	1,300	1,300	1,300	1,300	1,300	1,300	1,300
1	CR	1,850	350	300	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150
		34,659	6,032	5,357	4,750	4,460	4,210	1,960	2,010	1,960	1,960	1,960	1,960	1,960	1,960	1,960	1,960	1,960	1,960	1,960	1,960

