

2026 Region M

Municipal Conservation - Water Loss Mitigation

Includes leak detection and repair efforts and pipeline replacement throughout planning cycle and implementation of advanced metering infrastructure (AMI) in 2030 decade

WUG	Smart Meters Installed	Pipe Replaced (Miles)	Water Loss Mitigation Yield (acft/yr)						Water Loss Mitigation Costs				
			2030	2040	2050	2060	2070	2080	Total Cost of Facilities	Total Cost of Project	Largest Annual Cost	Annual Cost of Water (\$ per AF)	Annual Cost of Water (\$ per 1,000 gal)
Brownsville	65,533	86	644	658	664	662	660	658	\$ 41,453,000	\$ 56,070,000	\$ 4,023,333	\$ 6,059	\$ 19
County-Other, Cameron	1,431	-	42	34	24	17	11	7	\$ 472,000	\$ 634,000	\$ 76,000	\$ 1,810	\$ 6
County-Other, Hidalgo	2,332	-	32	20	6	6	7	8	\$ 770,000	\$ 1,034,000	\$ 124,000	\$ 3,875	\$ 12
County-Other, Starr	1,982	-	5	5	6	6	7	7	\$ 654,000	\$ 878,000	\$ 106,000	\$ 15,143	\$ 46
County-Other, Webb	1,313	-	14	9	4	4	4	4	\$ 433,000	\$ 581,000	\$ 70,000	\$ 5,000	\$ 15
County-Other, Zapata	527	-	2	2	2	2	2	2	\$ 174,000	\$ 233,000	\$ 28,000	\$ 14,000	\$ 43
Eagle Pass	24,820	58	192	204	214	224	232	242	\$ 21,502,000	\$ 29,148,000	\$ 1,680,000	\$ 6,942	\$ 21
East Rio Hondo WSC	15,067	53	72	86	100	110	116	122	\$ 17,312,000	\$ 23,504,000	\$ 1,134,000	\$ 9,295	\$ 29
Edinburg	34,167	56	224	242	254	258	262	266	\$ 24,308,000	\$ 32,910,000	\$ 2,170,667	\$ 8,160	\$ 25
El Jardin WSC	4,336	13	28	28	28	28	28	28	\$ 4,481,000	\$ 6,080,000	\$ 313,000	\$ 11,179	\$ 34
El Sauz WSC	703	1	4	4	4	4	4	4	\$ 396,000	\$ 538,000	\$ 41,333	\$ 10,333	\$ 32
El Tanque WSC	248	1	4	4	4	2	2	2	\$ 246,000	\$ 336,000	\$ 17,333	\$ 4,333	\$ 13
Falcon Rural WSC	49	1	5	2	-	-	-	-	\$ 98,000	\$ 135,000	\$ 5,167	\$ 1,033	\$ 3
Harlingen	29,352	62	296	302	306	304	304	304	\$ 23,967,000	\$ 32,478,000	\$ 1,947,167	\$ 6,363	\$ 20
Hidalgo County MUD 1	2,036	4	10	10	10	12	12	12	\$ 1,643,000	\$ 2,226,000	\$ 134,167	\$ 11,181	\$ 34
La Grulla	3,373	7	117	32	32	34	34	36	\$ 2,638,000	\$ 3,574,000	\$ 221,000	\$ 1,889	\$ 6
La Joya	1,877	3	12	12	14	14	14	14	\$ 1,312,000	\$ 1,776,000	\$ 118,667	\$ 8,476	\$ 26
La Villa	882	1	4	6	6	6	6	6	\$ 568,000	\$ 768,000	\$ 54,500	\$ 9,083	\$ 28
Laguna Madre Water District	3,787	17	371	379	383	382	381	379	\$ 5,132,000	\$ 6,973,000	\$ 306,500	\$ 800	\$ 2
Laredo	90,847	140	836	866	876	866	858	848	\$ 62,286,000	\$ 84,303,000	\$ 5,708,000	\$ 6,516	\$ 20
McAllen	72,616	89	3,062	3,392	3,715	954	978	1,004	\$ 44,622,000	\$ 60,341,000	\$ 4,422,667	\$ 1,190	\$ 4
Military Highway WSC	15,617	16	130	132	132	134	136	138	\$ 8,759,000	\$ 11,834,000	\$ 929,000	\$ 6,732	\$ 21
Mission	34,610	57	1,445	1,523	394	404	414	424	\$ 24,593,000	\$ 33,296,000	\$ 2,197,333	\$ 1,443	\$ 4
North Alamo WSC	88,923	420	706	776	822	830	838	846	\$ 126,401,000	\$ 171,762,000	\$ 7,346,667	\$ 8,684	\$ 27
Olmito WSC	2,621	5	106	28	28	28	28	28	\$ 1,974,000	\$ 2,675,000	\$ 169,833	\$ 1,602	\$ 5
Palm Valley	446	1	19	4	4	4	4	4	\$ 229,000	\$ 310,000	\$ 26,167	\$ 1,377	\$ 4
Pharr	33,611	48	182	194	202	206	210	214	\$ 22,184,000	\$ 30,017,000	\$ 2,088,333	\$ 9,759	\$ 30
Port Mansfield PUD	337	6	11	13	16	21	26	31	\$ 932,000	\$ 1,281,000	\$ 40,000	\$ 1,290	\$ 4
Rio Grande City	7,250	10	336	357	374	96	100	102	\$ 4,750,000	\$ 6,427,000	\$ 449,333	\$ 1,201	\$ 4
Rio WSC	3,508	7	16	20	20	20	20	20	\$ 2,683,000	\$ 3,634,000	\$ 228,000	\$ 11,400	\$ 35
Roma	8,590	14	50	52	54	56	58	60	\$ 6,024,000	\$ 8,155,000	\$ 543,833	\$ 9,064	\$ 28
Sharyland WSC	35,583	57	1,243	338	358	362	366	372	\$ 24,914,000	\$ 33,727,000	\$ 2,249,333	\$ 1,810	\$ 6
Union WSC	2,896	6	24	26	26	28	28	30	\$ 2,343,000	\$ 3,175,000	\$ 191,333	\$ 6,378	\$ 20
Valley MUD 2	1,050	4	78	80	80	80	80	80	\$ 1,179,000	\$ 1,601,000	\$ 78,333	\$ 979	\$ 3
Webb County	7,358	4	30	42	52	52	52	50	\$ 3,260,000	\$ 4,394,000	\$ 414,333	\$ 7,968	\$ 24
Weslaco	12,480	17	110	112	114	118	122	126	\$ 8,001,000	\$ 10,824,000	\$ 769,500	\$ 6,107	\$ 19
Zapata County	3,308	12	146	38	38	36	36	36	\$ 3,865,000	\$ 5,248,000	\$ 250,667	\$ 1,717	\$ 5
Zapata County San Ygnacio & Ramireño	55	1	5	2	-	-	-	-	\$ 182,000	\$ 250,000	\$ 7,333	\$ 1,467	\$ 5
Zapata County WCID-Hwy 16 East	179	14	13	13	13	13	13	4	\$ 2,028,000	\$ 2,794,000	\$ 62,000	\$ 4,769	\$ 15