

Region F Alternative Water User Group (WUG) Water Management Strategies (WMS)

						WATER MANAGEMENT STRATEGY SUPPLY (ACRE-FEET PER YEAR)					
WUG ENTITY NAME	WMS SPONSOR REGION	WMS NAME	SOURCE NAME	UNIT COST 2020	UNIT COST 2070	2020	2030	2040	2050	2060	2070
Andrews	F	ANDREWS - DEVELOP OGALLALA AQUIFER SUPPLIES	F Ogallala and Edwards-Trinity-High Plains Aquifers Andrews COUNTY	\$496	\$104	2,810	2,810	2,810	2,810	2,810	2,810
Andrews	F	CITY OF ANDREWS - DEVELOP EDWARDS TRINITY PLATEAU AQUIFER SUPPLIES	F Ogallala and Edwards-Trinity-High Plains Aquifers Andrews COUNTY	\$433	\$50	2,600	2,600	2,600	2,600	2,600	2,600
Ballinger	F	REGIONAL SYSTEM FROM LAKE BROWNWOOD TO RUNNELS AND COKE COUNTIES	F Brownwood Lake/Reservoir	N/A	\$1005	0	0	1,345	1,345	1,345	1,345
Ballinger	F	REGIONAL SYSTEM FROM LAKE FT. PHANTOM HILL TO RUNNELS AND COKE COUNTIES	G Fort Phantom Hill Lake/Reservoir	N/A	\$1312	0	0	465	447	430	413
Bronte	F	BRONTE - DEVELOP GROUNDWATER FROM OTHER AQUIFER IN RUNNELS COUNTY	F Other Aquifer Runnels COUNTY	N/A	\$280	0	800	800	800	800	800
Bronte	F	DEVELOP OTHER AQUIFER SUPPLIES IN SOUTHWEST COKE COUNTY - BRONTE	F Other Aquifer Coke COUNTY	N/A	\$340	0	800	800	800	800	800
Bronte	F	REGIONAL SYSTEM FROM LAKE BROWNWOOD TO RUNNELS AND COKE COUNTIES	F Brownwood Lake/Reservoir	N/A	\$1005	0	0	280	280	280	280
Bronte	F	REGIONAL SYSTEM FROM LAKE FT. PHANTOM HILL TO RUNNELS AND COKE COUNTIES	G Fort Phantom Hill Lake/Reservoir	N/A	\$1312	0	0	325	313	301	288
Colorado City	F	COLORADO CITY - DOCKUM WELL FIELD EXPANSION	F Dockum Aquifer Mitchell COUNTY	\$1824	\$276	170	170	170	170	170	170
County-Other, Andrews	F	ANDREWS COUNTY OTHER - DEVELOP EDWARDS TRINITY PLATEAU AQUIFER SUPPLIES	F Ogallala and Edwards-Trinity-High Plains Aquifers Andrews COUNTY	\$252	\$40	250	250	250	250	250	250
Greater Gardendale WSC	F	GREATER GARDENDALE WSC - PURCHASE WATER FROM MIDLAND COUNTY FWSD 1	F Edwards-Trinity-Plateau and Pecos Valley Aquifers Winkler COUNTY	N/A	\$1890	0	445	445	445	445	445
Livestock, Andrews	F	ANDREWS COUNTY LIVESTOCK - DEVELOP EDWARDS TRINITY PLATEAU AQUIFER SUPPLIES	F Ogallala and Edwards-Trinity-High Plains Aquifers Andrews COUNTY	\$433	\$50	60	60	60	60	60	60
Manufacturing, Andrews	F	ANDREWS COUNTY MANUFACTURING - DEVELOP EDWARDS TRINITY PLATEAU AQUIFER SUPPLIES	F Ogallala and Edwards-Trinity-High Plains Aquifers Andrews COUNTY	\$543	\$43	210	210	210	210	210	210

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						2020	2030	2040	2050	2060	2070
Menard	F	MENARD - DEVELOP HICKORY AQUIFER SUPPLIES	F Hickory Aquifer Menard COUNTY	N/A	\$165	0	200	200	200	200	200
Midland	F	WEST TEXAS WATER PARTNERSHIP (ALTERNATIVE)	F Edwards-Trinity-Plateau, Pecos Valley, and Trinity Aquifers Fresh/Brackish Pecos COUNTY	N/A	\$342	0	28,400	28,400	28,400	28,400	28,400
Odesa	F	ODESSA - DEVELOP CAPITAN REEF COMPLEX AQUIFER SUPPLIES IN WARD COUNTY	F Capitan Reef Complex Aquifer Fresh/Brackish Ward COUNTY	N/A	\$884	0	0	8,400	8,400	8,400	8,400
Odesa	F	ODESSA - DEVELOP EDWARDS-TRINITY AND CAPITAN REEF COMPLEX AQUIFER SUPPLIES IN PECOS COUNTY	F Capitan Reef Complex Aquifer Fresh/Brackish Pecos COUNTY	N/A	\$1172	0	0	5,600	14,000	14,000	14,000
Odesa	F	ODESSA - DEVELOP EDWARDS-TRINITY AND CAPITAN REEF COMPLEX AQUIFER SUPPLIES IN PECOS COUNTY	F Edwards-Trinity-Plateau, Pecos Valley, and Trinity Aquifers Fresh/Brackish Pecos COUNTY	N/A	\$1172	0	0	5,600	14,000	14,000	14,000
Pecos	F	PECOS - POTABLE REUSE WITH AQUIFER STORAGE AND RECOVERY (ASR)	F Edwards-Trinity-Plateau and Pecos Valley Aquifers ASR Reeves COUNTY	N/A	\$3301	0	695	695	695	695	695
Robert Lee	F	DEVELOP OTHER AQUIFER SUPPLIES IN SOUTHWEST COKE COUNTY - BRONTE	F Other Aquifer Coke COUNTY	N/A	N/A	0	0	0	0	0	0
Robert Lee	F	REGIONAL SYSTEM FROM LAKE BROWNWOOD TO RUNNELS AND COKE COUNTIES	F Brownwood Lake/Reservoir	N/A	\$1005	0	0	448	448	448	448
Robert Lee	F	REGIONAL SYSTEM FROM LAKE FT. PHANTOM HILL TO RUNNELS AND COKE COUNTIES	G Fort Phantom Hill Lake/Reservoir	N/A	\$1312	0	0	122	117	112	108
Robert Lee	F	ROBERT LEE - DEVELOPMENT OF EDWARDS TRINITY PLATEAU AQUIFER SUPPLIES IN TOM GREEN CO	F Edwards-Trinity-Plateau, Pecos Valley, and Trinity Aquifers Tom Green COUNTY	N/A	\$556	0	160	160	160	160	160
Robert Lee	F	ROBERT LEE - REPAIR AND EXPAND WATER TREATMENT PLANT	F EV Spence Lake/Reservoir Non-System Portion	N/A	\$1284	0	335	335	335	335	335
Robert Lee	F	ROBERT LEE - REPAIR AND EXPAND WATER TREATMENT PLANT	F Mountain Creek Lake/Reservoir	N/A	\$1284	0	168	168	168	168	168
San Angelo	F	SAN ANGELO - DEVELOP PECOS VALLEY, EDWARDS-TRINITY PLATEAU AQUIFER SUPPLIES IN PECOS CO.	F Edwards-Trinity-Plateau, Pecos Valley, and Trinity Aquifers Fresh/Brackish Pecos COUNTY	N/A	\$470	0	0	10,800	10,800	10,800	10,800

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San Angelo	F	SAN ANGELO - DEVELOPMENT OF EDWARDS TRINITY PLATEAU AQUIFER SUPPLIES IN SCHLEICHER CO	F Edwards-Trinity-Plateau, Pecos Valley, and Trinity Aquifers Schleicher COUNTY	N/A	\$209	0	0	4,500	4,500	4,500	4,500
San Angelo	F	WEST TEXAS WATER PARTNERSHIP (ALTERNATIVE)	F Colorado River MWD Lake/Reservoir System	N/A	\$342	0	5,000	5,000	5,000	5,000	5,000
Winters	F	REGIONAL SYSTEM FROM LAKE BROWNWOOD TO RUNNELS AND COKE COUNTIES	F Brownwood Lake/Reservoir	N/A	\$1005	0	0	729	729	729	729
Winters	F	REGIONAL SYSTEM FROM LAKE FT. PHANTOM HILL TO RUNNELS AND COKE COUNTIES	G Fort Phantom Hill Lake/Reservoir	N/A	\$1312	0	0	162	156	150	143
REGION F ALTERNATIVE WMS SUPPLY TOTAL						6,100	43,103	81,879	98,638	98,598	98,557

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Region F Alternative Projects Associated with Water Management Strategies

SPONSOR NAME	SPONSOR IS WWP?	ONLINE DECADE	PROJECT NAME	PROJECT DESCRIPTION	CAPITAL COST
Abilene	YES	2030	WEST TEXAS WATER PARTNERSHIP (ALTERNATIVE)	CONVEYANCE/TRANSMISSION PIPELINE; EVAPORATIVE POND; MULTIPLE WELLS/WELL FIELD; NEW WATER TREATMENT PLANT; PUMP STATION; STORAGE TANK	\$96,867,000
Andrews	YES	2020	ANDREWS - DEVELOP OGALLALA AQUIFER SUPPLIES	CONVEYANCE/TRANSMISSION PIPELINE; MULTIPLE WELLS/WELL FIELD; PUMP STATION; STORAGE TANK	\$15,663,000
Andrews	YES	2020	CITY OF ANDREWS - DEVELOP EDWARDS TRINITY PLATEAU AQUIFER SUPPLIES	CONVEYANCE/TRANSMISSION PIPELINE; MULTIPLE WELLS/WELL FIELD; PUMP STATION	\$24,927,000
Ballinger	YES	2040	BALLINGER - REGIONAL SYSTEM FROM LAKE BROWNWOOD TO RUNNELS AND COKE COUNTIES	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; STORAGE TANK	\$55,414,000
Ballinger	YES	2040	BALLINGER - REGIONAL SYSTEM FROM LAKE FORT PHANTHOM HILL TO RUNNELS AND COKE COUNTIES	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; STORAGE TANK	\$44,741,000
Bronte	YES	2030	BRONTE - DEVELOP GROUNDWATER FROM OTHER AQUIFER IN RUNNELS COUNTY	CONVEYANCE/TRANSMISSION PIPELINE; MULTIPLE WELLS/WELL FIELD; PUMP STATION	\$23,694,000
Bronte	YES	2040	BRONTE - REGIONAL SYSTEM FROM LAKE BROWNWOOD TO RUNNELS AND COKE COUNTIES	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; STORAGE TANK	\$11,536,000
Bronte	YES	2040	BRONTE - REGIONAL SYSTEM FROM LAKE FORT PHANTHOM HILL TO RUNNELS AND COKE COUNTIES	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; STORAGE TANK	\$31,308,000
Bronte	YES	2030	DEVELOP OTHER AQUIFER SUPPLIES IN SOUTHWEST COKE COUNTY - BRONTE	CONVEYANCE/TRANSMISSION PIPELINE; MULTIPLE WELLS/WELL FIELD	\$23,694,000
Brown County WID 1	YES	2030	BCWID - DEVELOP ELLENBURGER-SAN SABA AQUIFER SUPPLIES	CONVEYANCE/TRANSMISSION PIPELINE; MULTIPLE WELLS/WELL FIELD; NEW WATER TREATMENT PLANT; PUMP STATION	\$70,199,000
Colorado City	YES	2020	COLORADO CITY - DOCKUM WELL FIELD EXPANSION	CONVEYANCE/TRANSMISSION PIPELINE; MULTIPLE WELLS/WELL FIELD	\$3,744,000
Colorado River MWD	YES	2040	CRMWD - DEVELOP ADDITIONAL GROUNDWATER SUPPLIES FROM PECOS, REEVES, WARD AND WINKLER COUNTIES	CONVEYANCE/TRANSMISSION PIPELINE; MULTIPLE WELLS/WELL FIELD; PUMP STATION; STORAGE TANK; WATER RIGHT/PERMIT LEASE OR PURCHASE	\$147,558,000
County-Other, Andrews	NO	2020	ANDREWS COUNTY OTHER - DEVELOP EDWARDS TRINITY PLATEAU AQUIFER SUPPLIES	MULTIPLE WELLS/WELL FIELD	\$751,000
Great Plains Water System Inc	YES	2020	TEXLAND GREAT PLAINS - DEVELOP OGALLALA AQUIFER SUPPLIES FROM ANDREWS OR GAINES COUNTY	MULTIPLE WELLS/WELL FIELD	\$380,000
Greater Gardendale WSC	NO	2030	GREATER GARDENDALE WSC - PURCHASE WATER FROM MIDLAND COUNTY FWSD 1	CONVEYANCE/TRANSMISSION PIPELINE; NEW WATER TREATMENT PLANT; PUMP STATION; STORAGE TANK	\$2,946,000
Livestock, Andrews	NO	2020	ANDREWS COUNTY LIVESTOCK - DEVELOP EDWARDS TRINITY PLATEAU AQUIFER SUPPLIES	MULTIPLE WELLS/WELL FIELD	\$327,000
Manufacturing, Andrews	NO	2020	ANDREWS COUNTY MANUFACTURING - DEVELOP EDWARDS TRINITY PLATEAU AQUIFER SUPPLIES	MULTIPLE WELLS/WELL FIELD	\$591,000
Menard	NO	2030	MENARD - DEVELOP HICKORY AQUIFER SUPPLIES	MULTIPLE WELLS/WELL FIELD	\$3,287,000
Midland	YES	2030	WEST TEXAS WATER PARTNERSHIP (ALTERNATIVE)	CONVEYANCE/TRANSMISSION PIPELINE; EVAPORATIVE POND; MULTIPLE WELLS/WELL FIELD; NEW WATER TREATMENT PLANT; PUMP STATION; STORAGE TANK	\$172,978,000
Odessa	YES	2040	ODESSA - DEVELOP CAPITAN REEF COMPLEX AQUIFER SUPPLIES IN WARD COUNTY	CONVEYANCE/TRANSMISSION PIPELINE; INJECTION WELL; MULTIPLE WELLS/WELL FIELD; NEW WATER TREATMENT PLANT; STORAGE TANK	\$154,165,000
Odessa	YES	2040	ODESSA - DEVELOP EDWARDS-TRINITY AND CAPITAN REEF COMPLEX AQUIFER SUPPLIES IN PECOS COUNTY	CONVEYANCE/TRANSMISSION PIPELINE; INJECTION WELL; MULTIPLE WELLS/WELL FIELD; NEW WATER TREATMENT PLANT; PUMP STATION; STORAGE TANK	\$826,808,000
Pecos	YES	2030	PECOS - POTABLE REUSE WITH AQUIFER STORAGE AND RECOVERY (ASR)	CONVEYANCE/TRANSMISSION PIPELINE; MULTIPLE WELLS/WELL FIELD; NEW WATER TREATMENT PLANT; PUMP STATION; STORAGE TANK	\$34,456,000
Robert Lee	YES	2030	ROBERT LEE - DEVELOPMENT OF EDWARDS TRINITY PLATEAU AQUIFER SUPPLIES IN TOM GREEN CO	CONVEYANCE/TRANSMISSION PIPELINE; MULTIPLE WELLS/WELL FIELD; PUMP STATION	\$7,272,000
Robert Lee	YES	2040	ROBERT LEE - REGIONAL SYSTEM FROM LAKE BROWNWOOD TO RUNNELS AND COKE COUNTIES	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; STORAGE TANK	\$18,458,000
Robert Lee	YES	2040	ROBERT LEE - REGIONAL SYSTEM FROM LAKE FORT PHANTHOM HILL TO RUNNELS AND COKE COUNTIES	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; STORAGE TANK	\$11,676,000
Robert Lee	YES	2030	ROBERT LEE - REPAIR AND EXPAND WATER TREATMENT PLANT	WATER TREATMENT PLANT EXPANSION	\$6,541,000
San Angelo	YES	2030	SAN ANGELO - DESALINATION OF BRACKISH GROUNDWATER SUPPLIES	INJECTION WELL; NEW WATER TREATMENT PLANT	\$70,709,000
San Angelo	YES	2040	SAN ANGELO - DEVELOP PECOS VALLEY, EDWARDS-TRINITY PLATEAU AQUIFER SUPPLIES IN PECOS CO	CONVEYANCE/TRANSMISSION PIPELINE; MULTIPLE WELLS/WELL FIELD; PUMP STATION; STORAGE TANK; WATER RIGHT/PERMIT LEASE OR PURCHASE	\$327,576,000

Region F Alternative Projects Associated with Water Management Strategies

SPONSOR NAME	SPONSOR IS WWP?	ONLINE DECADE	PROJECT NAME	PROJECT DESCRIPTION	CAPITAL COST
San Angelo	YES	2040	SAN ANGELO - DEVELOPMENT OF EDWARDS TRINITY PLATEAU AQUIFER SUPPLIES IN SCHLEICHER CO	CONVEYANCE/TRANSMISSION PIPELINE; MULTIPLE WELLS/WELL FIELD; PUMP STATION; STORAGE TANK	\$102,100,000
San Angelo	YES	2030	WEST TEXAS WATER PARTNERSHIP (ALTERNATIVE)	CONVEYANCE/TRANSMISSION PIPELINE; EVAPORATIVE POND; MULTIPLE WELLS/WELL FIELD; NEW WATER TREATMENT PLANT; PUMP STATION; STORAGE TANK	\$57,659,000
Winters	YES	2040	WINTERS - REGIONAL SYSTEM FROM LAKE BROWNWOOD TO RUNNELS AND COKE COUNTIES	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; STORAGE TANK	\$30,035,000
Winters	YES	2040	WINTERS - REGIONAL SYSTEM FROM LAKE FORT PHANTHOM HILL TO RUNNELS AND COKE COUNTIES	CONVEYANCE/TRANSMISSION PIPELINE; PUMP STATION; STORAGE TANK	\$15,603,000
REGION F ALTERNATIVE CAPITAL COST TOTAL					\$2,393,663,000