

Table 4-2: Summary of Selected Strategy Impact and Cost Evaluation

Entity	County Used	Basin Used	Strategy	Quantity (Ac-Ft/Yr)						Cost (\$/Ac-Ft)	Reliability	Impacts of Strategy on:					Political Feasibility	Comments
				2010	2020	2030	2040	2050	2060			Environmental Factors	Agricultural Resources/ Rural Areas	Other Natural Resources	Possible Third Party	Key Water Quality Parameters		
Name(s)												Low/Medium/High						
COUNTY-OTHER	Dallam	Canadian	Conservation	0	6	10	10	10	10	\$490	Medium	N/A	N/A	N/A	----	N/A		
			Overdraft Ogallala	150	150	150	150	150	150	150	\$670	Medium	Low	Low	Low	----	Low	High
DALHART	Dallam	Canadian	Conservation	0	43	74	75	74	70	\$490	Medium	N/A	N/A	N/A	----	N/A		
			Overdraft Ogallala	900	900	900	900	900	900	900	\$303	Medium	Low	Low	Low	----	Low	High
IRRIGATION	Dallam	Canadian	Conservation	21,104	27,177	33,249	39,322	45,395	49,895	Variable	Medium	Low	Low	Low	----	N/A		
LIVESTOCK	Dallam	Canadian	Voluntary Transfer from Other Users	4,800	9,100	10,200	10,800	10,900	11,300	\$44	Medium	N/A	N/A	N/A	----	N/A		Varies depending on county participants.
COUNTY-OTHER	Hartley	Canadian	Conservation	0	16	28	28	27	26	\$490	Medium	N/A	N/A	N/A	----	N/A		
			Overdraft Ogallala	125	125	125	125	125	125	125	\$805	Medium	Low	Low	Low	----	Low	High
DALHART	Hartley	Canadian	Conservation	0	21	36	36	36	34	\$490	Medium	N/A	N/A	N/A	----	N/A		
			Overdraft Ogallala	180	180	180	180	180	180	180	\$529	Medium	Low	Low	Low	----	Low	High
IRRIGATION	Hartley	Canadian	Conservation	18,540	23,909	29,278	34,646	40,015	44,034	Variable	Medium	Low	Low	Low	----	Low		
LIVESTOCK	Hartley	Canadian	Voluntary Transfer from Other Users	200	1,000	1,400	1,200	700	500	\$57	Medium	N/A	N/A	N/A	----	N/A		Varies depending on county participants.
MANUFACTURING	Hutchinson	Canadian	Conservation	0	500	1,000	1,000	1,000	1,000	\$490	High	N/A	N/A	N/A	----	N/A		
			Additional well in Ogallala	2,500	5,000	10,600	10,600	14,200	14,200	\$200	Medium	Low	Low	Low	----	Low	High	
			Direct Reuse	1,000	1,000	1,000	1,000	1,000	1,000	\$276	High	Low	Low	Low	----	Low	High	
IRRIGATION	Hutchinson	Canadian	Conservation	4,705	6,018	7,331	8,645	9,958	10,888	Variable	Medium	Low	Low	Low	----	Low		
CACTUS	Moore	Canadian	Conservation	0	18	31	31	31	31	\$490	Medium	N/A	N/A	N/A	----	N/A		
			Overdraft Ogallala	250	250	250	350	350	350	350	\$238	Medium	Low	Low	Low	----	Low	High
COUNTY-OTHER	Moore	Canadian	Conservation	0	29	63	75	83	87	\$490	Medium	N/A	N/A	N/A	----	N/A		
			Overdraft Ogallala	800	800	1,300	1,300	1,600	1,600	1,600	\$352	Medium	Low	Low	Low	----	Low	High

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				2010	2020	2030	2040	2050	2060			Environmental Factors	Agricultural Resources/ Rural Areas	Other Natural Resources	Possible Third Party	Key Water Quality Parameters		
Name(s)											Low/Medium/High							
DUMAS	Moore	Canadian	Conservation	0	89	158	166	171	174	\$490	Medium	N/A	N/A	N/A	----	N/A		
			Overdraft Ogallala	1,092	1,486	1,756	2,032	2,195	2,334	\$342	Medium	Low	Low	Low	----	Low	High	
IRRIGATION	Moore	Canadian	Conservation	12,914	16,480	20,045	23,610	27,176	29,764	Variable	Medium	Low	Low	Low	----	Low		
LIVESTOCK	Moore	Canadian	Voluntary Transfer from Other Users	1,300	2,200	2,800	3,200	3,500	3,900	\$44	Medium	N/A	N/A	N/A	----	N/A		Varies depending on county participants.
MANUFACTURING	Moore	Canadian	Conservation	236	254	446	469	489	522	\$490	High	N/A	N/A	N/A	----	N/A		
			Overdraft Ogallala	3,039	3,461	3,833	6,106	6,318	6,633	\$133	Medium	Low	Low	Low	----	Low	High	
			Direct Reuse	1,300	1,400	1,500	1,600	1,700	1,700	\$213	High	Low	Low	Low	----	Low	High	
STEAM ELECTRIC POWER	Moore	Canadian	Overdraft Ogallala	200	200	200	200	200	200	\$503	Medium	Low	Low	Low	----	Low	High	
SUNRAY	Moore	Canadian	Conservation	0	18	34	36	38	39	\$490	Medium	N/A	N/A	N/A	----	N/A		
			Overdraft Ogallala	550	550	550	550	550	550	\$308	Medium	Low	Low	Low	----	Low	High	
AMARILLO	Potter	Canadian	Conservation	0	455	808	865	925	975	\$490	Medium	N/A	N/A	N/A	----	N/A		
			Potter Co. Well Field	0	0	2,600	2,500	2,300	2,000	\$429	Medium to High	Low	Low	Low	----	Low		
			Roberts Co. Well Field	0	0	0	3,517	3,100	6,870	\$690	Medium to High	Low	Low	Low	----	Medium		
			Additional CRMWA supply	517	507	1,366	2,215	2,912	2,900	\$0	Medium to High	Low	Low	Low	----	Medium		
AMARILLO	Potter	Red	Conservation	0	325	575	615	660	700	\$490	Medium	N/A	N/A	N/A	----	N/A		
			Potter Co. Well Field			1,900	1,800	1,700	1,500	\$429	Medium to High	Low	Low	Low	----	Low	High	
			Roberts Co. Well Field	0	0	0	2,501	2,100	3,940	\$690	Medium to High	Low	Low	Low	----	Medium		
			Additional CRMWA supply	368	362	973	1,578	2,071	2,061	\$0	Medium to High	Low	Low	Low	----	Medium		
COUNTY-OTHER	Potter	Canadian	Conservation	0	41	85	103	124	140	\$490	Medium	N/A	N/A	N/A	----	N/A		
			Drill Additional Well	0	0	0	1,000	1,000	1,000	\$281	Medium to High	Low	Low	Low	----	Low	High	

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				2010	2020	2030	2040	2050	2060			Environmental Factors	Agricultural Resources/ Rural Areas	Other Natural Resources	Possible Third Party	Key Water Quality Parameters		
Name(s)											Low/Medium/High							
COUNTY-OTHER	Potter	Red	Conservation	0	28	58	71	85	96	\$490	Medium	N/A	N/A	N/A	----	N/A		
			Drill Additional Well	0	600	600	600	1,100	1,100	\$256	Medium	Low	Low	Low	----	Low	High	
MANUFACTURING	Potter	Red	Conservation	100	120	150	150	150	150	\$490	High	Low	Low	Low	----	Medium		
			Additional Amarillo water	0	0	0	500	1,500	2,210	\$0	Medium to High	Low	Low	Low	----	Medium		
AMARILLO	Randall	Red	Conservation	0	595	1,070	1,159	1,256	1,337	\$490	Medium	N/A	N/A	N/A	----	N/A		
			Potter Co. Well Field			3,500	3,200	3,000	2,500	\$429	Medium to High	Low	Low	Low	----	Low		
			Roberts Co. Well Field	0	0	0	4,612	4,190	8,790	\$690	Medium to High	Low	Low	Low	----	Medium		
			Additional CRMWA supply	665	664	1,809	2,970	3,951	3,971	\$0	Medium to High	Low	Low	Low	----	Medium		
CANYON	Randall	Red	Conservation	0	81	146	159	174	186	\$490	Medium	N/A	N/A	N/A	----	N/A		
			Additional Amarillo supply	0	0	0	60	270	540	\$0	Medium to High	Low	Low	Low	----	Medium		
COUNTY-OTHER	Randall	Red	Conservation	0	101	197	231	268	299	\$490	Medium	N/A	N/A	N/A	----	N/A		
			Drill Additional Well	0	0	600	1,200	2,400	2,400	\$350	Medium	Low	Low	Low	----	Medium		
			Additional CRMWA supply	0	0	0	1	4	6	\$0	Medium to High	Low	Low	Low	----	Medium		
MANUFACTURING	Randall	Red	Additional Amarillo supply	0	0	0	20	50	70	\$0	Medium to High	Low	Low	Low	----	Medium		
COUNTY-OTHER	Sherman	Canadian	Conservation	0	7	12	13	13	13	\$490	Medium	N/A	N/A	N/A	----	N/A		
			Overdraft Ogallala	180	180	180	180	180	180	\$559	Medium	Low	Low	Low	----	Low	High	
IRRIGATION	Sherman	Canadian	Conservation	19,260	24,883	30,506	36,129	41,752	45,904	Variable	Medium	Low	Low	Low	----	Low		
LIVESTOCK	Sherman	Canadian	Voluntary Transfer from Other Users	3,100	6,500	7,900	8,700	9,500	10,600	\$44	Medium	N/A	N/A	N/A	----	N/A		Varies depending on county participants.
STRATFORD	Sherman	Canadian	Conservation	0	20	35	36	37	38	\$490	Medium	N/A	N/A	N/A	----	N/A		
			Overdraft Ogallala	450	450	450	450	450	450	\$281	Medium	Low	Low	Low	----	Low	High	

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