Groundwater Management Area 8
Desired Future Conditions

Aquifer	Desired Future Condition Summary	Date Desired Future Condition Adopted
Blossom	From estimated year 2009 conditions, Bowie County: average drawdown of the unconfined zone should not exceed approximately 5.4 feet after 50 years; Lamar County: average drawdown of the unconfined zone should not exceed approximately 2.4 feet after 50 years; Red River County: average drawdown of the unconfined zone should not exceed approximately 6.5 feet after 50 years; Bowie, Lamar, and Red River counties: drawdown of the confined zone should not exceed approximately 20 feet after 50 years	4/27/2011
Brazos River Alluvium	Maintain approximately 100 percent of the saturated thickness after 50 years in Falls County; maintain approximately 82 percent of estimated saturated thickness after 50 years in McLennan County; and maintain approximately 90 percent of the estimated saturated thickness after 50 years in Hill and Bosque counties. Not relevant in Milan County.	4/27/2011, amended 6/23/2011
Edwards (BFZ)	Maintain at least 100 acre-feet per month of stream/spring flow in Salado Creek during a repeat of the drought of record in Bell County; Maintain at least 42 acre-feet per month of aggregated stream/spring flow during a repeat of the drought of record in Travis County; and Maintain at least 60 acre-feet per month of aggregated stream/spring flow during a repeat of the drought of record in Williamson County.	4/27/2011
Ellenburger-San Saba	Burnet County: maintain approximately 100 percent of the saturated thickness after 50 years by using approximately 80 percent of the estimated recharge; Lampasas County: maintain approximately 90 percent of the saturated thickness after 50 years; Brown and Mills counties: maintain approximately 90 percent of the available drawdown after 50 years.	4/27/2011
Hickory	Burnet County: maintain approximately 100 percent of the saturated thickness after 50 years by using approximately 80 percent of the estimated recharge; Brown, Lampasas, Mills, Travis, and Williamson counties: maintain approximately 90 percent of the available drawdown [saturated thickness] after 50 years.	4/27/2011
Marble Falls	Burnet County: maintain approximately 100 percent of the saturated thickness after 50 years by using approximately 80 percent of the estimated recharge; Lampasas County: maintain approximately 90 percent of the saturated thickness after 50 years.	4/27/2011
Nacatoch	Drawdown by county: Bowie County: 10 feet in the Red River Basin, 17 feet in the Sulphur River Basin; Delta County: 5 feet; Ellis County: 4 feet; Franklin County: 6 feet; Hopkins County: 10 feet in the Sabine River Basin, 12 feet in the Sulphur River Basin; Hunt County: 10 feet in the Sabine River Basin, 6 feet in the Sulphur River Basin; Kaufman County: 7 feet in the Sabine River Basin, 4 feet in the Trinity River Basin; Lamar County: 5 feet; Navarro County: 4 feet; Rains County: 13 feet; Red River County: 10 feet in the Red River Basin, 8 feet in the Sulphur River Basin; and Rockwall County: 5 feet.	6/23/2011
Trinity	Listed DFCs by county and aquifer layers (Paluxy, Glen Rose, Hensell, Hosston): From estimated year 2000 conditions, the average drawdown after 50 years should not exceed approximately: see table to the right.	4/27/2011
Woodbine	From estimated year 2000 conditions, the average drawdown after 50 years should not exceed approximately: Colin County: 154 feet, Cooke County: 0 feet, Dallas County: 112 feet, Denton County: 16 feet, Ellis County: 102 feet, Fannin County: 186 feet, Grayson County: 28 feet, Hill County: 87 feet, Hunt County: 353 feet, Johnson County: 4 feet, Kaufman County: 211 feet, Lamar County: 297 feet, Navarro County: 177 feet, Red River County: 202 feet, Rockwall County: 241 feet, Tarrant County: 2 feet. Non-relevant in McLennan County.	4/27/2011, amended 6/23/2011

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Desired Future Conditions for the Trinity Aquifer in Groundwater Management Area 8

County	Average water level decline (feet)			
	Paluxy	Glen Rose	Hensell	Hosston
Bell	134	155	286	319
Bosque	26	33	201	220
Brown	0	0	1	1
Burnet	1	1	11	29
Callahan	n/a	n/a	0	2
Collin	298	247	224	236
Comanche	0	0	2	11
Cooke	26	42	60	78
Coryell	15	15	156	179
Dallas	240	224	263	290
Delta	175	162	162	159
Denton	98	134	180	214
Eastland	0	0	0	0
Ellis	265	283	336	362
Erath	1	1	11	27
Falls	279	354	459	480
Fannin	212	196	182	181
Grayson	175	161	160	165
Hamilton	0	2	39	51
Hill	209	253	381	406
Hood	1	2	16	56
Hunt	286	245	215	223
Johnson	37	83	208	234
Kaufman	303	286	295	312
Lamar	132	130	136	134
Lampasas	0	1	12	23
Limestone	328	392	475	492
McLennan	251	291	489	527
Milam	252	294	337	344
Mills	0	0	3	12
Montague	0	1	3	12
Navarro	344	353	399	413
Parker	5	6	16	40
Red River	82	77	78	78
Rockwall	346	272	248	265
Somervell	1	4	53	113
Tarrant	33	75	160	173
Taylor	n/a	n/a	n/a	3
Travis	124	61	98	116
Williamson	108	88	142	166
Wise	4	14	23	53