

**APPENDIX M**

**TWDB TABLE 8  
COMPARISON OF DEMANDS WITH CURRENT  
WATER SUPPLIES BY MAJOR WATER PROVIDER**

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**Introduction**

TWDB Table 8 compares the currently connected supplies to the projected water demands for each of the five major water providers in Region C. The resulting numbers point out possible timing for water shortages that may occur in the future for the major water providers. Please see Appendix J for the list of customers of the major water providers. The following information is required by the TWDB to be included in TWDB Table 8:

- A. Major Water Provider Name
- B. Major Water Provider (TWDB Alpha Number)
- C. County Number (see key before TWDB Table 8)
- D. Basin Number (see key before TWDB Table 8)
- E-J. Value for current supplies available minus demands for years 2000, 2010, 2020, 2030, 2040, and 2050 (Needs shown as negative numbers)

**Key to Codes in TWDB Table 8**

***County Number Code***

43	Collin
49	Cooke
57	Dallas
61	Denton
70	Ellis
74	Fannin
81	Freestone
91	Grayson
107	Henderson
119	Jack
126	Johnson

129 Kaufman  
175 Navarro  
184 Parker  
199 Rockwall  
220 Tarrant  
249 Wise

***Basin Numbers***

2 Red River Basin  
3 Sulphur River Basin  
5 Sabine River Basin  
6 Neches River Basin  
8 Trinity River Basin  
12 Brazos River Basin

**TWDB Table 8**

**Comparison of Water Demands with Current Water Supplies by Major Water Provider of Municipal and Manufacturing Water**

A	B	C	D	E	F	G	H	I	J	K
Major Water Provider Name	Major Water Provider Number	County Number	Basin Number	Value for Year 2000 (ac-ft-yr)	Value for Year 2010 (ac-ft-yr)	Value for Year 2020 (ac-ft-yr)	Value for Year 2030 (ac-ft-yr)	Value for Year 2040 (ac-ft-yr)	Value for Year 2050 (ac-ft-yr)	Comment
Dallas Water Utilities	206800	043	08	(1,000)	(1,708)	(1,207)	705	188	(127)	
Dallas Water Utilities	206800	057	08	(64,030)	(105,450)	(19,853)	20,603	2,540	(6,888)	
Dallas Water Utilities	206800	061	08	(7,211)	(17,472)	(16,153)	495	130	(91)	
Dallas Water Utilities	206800	070	08	(139)	(262)	(53)	0	0	0	
Dallas Water Utilities	206800	129	08	(34)	(72)	(47)	28	7	(6)	
Dallas Water Utilities	206800	199	08	(2)	(4)	(1)	2	1	(1)	
Dallas Water Utilities	206800	220	08	(570)	(1,133)	0	0	0	0	
<b>DALLAS TOTALS</b>				(72,986)	(126,101)	(37,314)	21,833	2,866	(7,113)	
Fort Worth	298900	061	08	144	(222)	0	0	0	0	
Fort Worth	298900	126	08	0	0	0	0	0	0	
Fort Worth	298900	220	08	10,521	(8,803)	(6,288)	(15,075)	(25,665)	(35,373)	
<b>FORT WORTH TOTALS</b>				10,665	(9,025)	(6,288)	(15,075)	(25,665)	(35,373)	
North Texas Municipal Water District	000160	043	05	9	(14)	(376)	(700)	(1,047)	(1,100)	
North Texas Municipal Water District	000160	043	08	17,106	(26,722)	(74,042)	(115,490)	(158,090)	(191,869)	
North Texas Municipal Water District	000160	057	08	14,710	(16,208)	(36,231)	(50,156)	(62,185)	(69,605)	
North Texas Municipal Water District	000160	061	08	30	(71)	(172)	(274)	(348)	(414)	
North Texas Municipal Water District	000160	129	05	7	(11)	(35)	(59)	(81)	(92)	
North Texas Municipal Water	000160	129	08	975	(1,160)	(3,089)	(4,900)	(6,722)	(8,292)	

A	B	C	D	E	F	G	H	I	J	K
Major Water Provider Name	Major Water Provider Number	County Number	Basin Number	Value for Year 2000 (ac-ft-yr)	Value for Year 2010 (ac-ft-yr)	Value for Year 2020 (ac-ft-yr)	Value for Year 2030 (ac-ft-yr)	Value for Year 2040 (ac-ft-yr)	Value for Year 2050 (ac-ft-yr)	Comment
District										
North Texas Municipal Water District	000160	199	05	171	(218)	(626)	(1,760)	(2,492)	(3,294)	
North Texas Municipal Water District	000160	199	08	1,245	(1,832)	(5,512)	(9,216)	(14,412)	(20,020)	
<b>NTMWD TOTALS</b>				34,253	(46,236)	(120,083)	(182,555)	(245,377)	(294,686)	
Tarrant Regional Water District	000190	061	08	144	(222)	0	0	0	0	
Tarrant Regional Water District	000190	070	08	94	(19,904)	(19,829)	(19,763)	(19,729)	(19,688)	
Tarrant Regional Water District	000190	107	08	0	0	0	0	0	0	
Tarrant Regional Water District	000190	119	08	(263)	(263)	(263)	(263)	(263)	(263)	
Tarrant Regional Water District	000190	126	08	0	0	0	0	0	0	
Tarrant Regional Water District	000190	129	08	0	0	0	0	0	0	
Tarrant Regional Water District	000190	175	08	0	0	0	0	0	0	
Tarrant Regional Water District	000190	184	08	(813)	(5,373)	(6,788)	(9,700)	(12,134)	(14,713)	
Tarrant Regional Water District	000190	184	12	0	(992)	(1,104)	(1,619)	(1,362)	(719)	
Tarrant Regional Water District	000190	220	08	16,413	(16,968)	(10,956)	(32,120)	(54,059)	(77,192)	Includes Fort Worth and TRA (Bedford, Colleyville, Euless, Grapevine, and North Richland Hills)
Tarrant Regional Water District	000190	249	08	(2,778)	(11,613)	(12,588)	(14,178)	(7,561)	(8,281)	
<b>TRWD TOTALS</b>				12,797	(55,335)	(51,528)	(77,643)	(95,108)	(120,856)	
Trinity River Authority	000171	057	08	0	(11,218)	(11,218)	(11,233)	(11,238)	(11,242)	
Trinity River Authority	000171	070	08	(8,713)	(31,252)	(31,674)	(33,150)	(33,911)	(34,307)	
Trinity River Authority	000171	081	08	0	0	0	0	0	0	
Trinity River Authority	000171	175	08	1,122	1,122	1,122	1,122	1,122	852	
Trinity River Authority	000171	220	08	1,939	(2,055)	(1,684)	(4,640)	(7,655)	(9,977)	

A	B	C	D	E	F	G	H	I	J	K
Major Water Provider Name	Major Water Provider Number	County Number	Basin Number	Value for Year 2000 (ac-ft-yr)	Value for Year 2010 (ac-ft-yr)	Value for Year 2020 (ac-ft-yr)	Value for Year 2030 (ac-ft-yr)	Value for Year 2040 (ac-ft-yr)	Value for Year 2050 (ac-ft-yr)	Comment
TRA TOTALS				(5,652)	(43,403)	(43,454)	(47,901)	(51,682)	(54,674)	
Notes:										
<p>Year 2000 shortages for Tarrant Regional Water District (in Jack, Parker, and Wise Counties) are not real. They are a results of Texas Water Development Board (TWDB) regulations on table development. The TWDB regulations require all contracts to be included at full face value, whether or not the demands actually occur. By contrast, the supplies are limited by those that are currently connected. Tarrant Regional Water District has contracts with entities who do not yet need the full contracted amount of water.</p> <p>Year 2000 shortage for Trinity River Authority (in Ellis County and TRA totals) is not real. It is a result of Texas Water Development Board (TWDB) regulations on table development. The TWDB regulations require all contracts to be included at full face value, whether or not the demands actually occur. By contrast, the supplies are limited by those that are currently connected. Trinity River Authority has contracts with entities who do not yet need the full contracted amount of water.</p>										