# **Collin County** Water Supply Planning Information & Resources

This document summarizes key water supply planning information for Collin County and highlights planning and drought resources available from the Texas Water Development Board (TWDB). This document was developed to support regional water planning group outreach efforts aimed at improving engagement with small and rural entities.

All water utilities in the state are strongly encouraged to participate in the regional water planning process and utilize TWDB resources to ensure sufficient water supplies are available for all Texans in times of drought.

Definitions of common regional water planning terms and acronyms are available at this link.

## Future Water Supply Plans

#### **Region C Regional Water Planning**

Collin County is located in the Region C Regional Water Planning Area, which encompasses all or parts of 16 counties in north Texas (Figure 1). The Region C Regional Water Planning Group is responsible for developing a regional water plan every five years based on conditions that the region would face under a recurrence of a historical drought of record. The results of the regional water plan are included in the state water plan and inform state financial assistance and surface water right permitting decisions. The 2026 plan is currently under development and due to the TWDB in October 2025.

Public involvement is a key component to regional water planning. To ensure your water needs are accurately reflected in the 2026 plan, get involved in Region C water planning by visiting <u>https://regioncwater.org/</u> or contact the Trinity River Authority at longas@trinityra.org, 817-467-4343.

#### 2021 Region C Regional Water Plan

The 2021 Region C Regional Water Plan is available at <a href="http://www.twdb.texas.gov/waterplanning/rwp/plans/2021/index.asp">http://www.twdb.texas.gov/waterplanning/rwp/plans/2021/index.asp</a>.

The following highlights from the plan are included in Attachment I

- Table A1 summarizes current water supply sources, 2020 and 2070 water supply needs, and recommended water management strategies for water user groups in Collin County.
- Table A2 provides additional context on the severity of the identified water supply needs by expressing the needs as a percentage of each water user group's total demand. The larger the percent of an entity's total demand, the more severe a potential shortage may be.
- Table A3 presents unmet needs that remain even if all the recommended strategies in the plan were implemented.





# Water Providers in Collin County

#### **Municipal Water User Groups**

Public water systems provide potable water for public use and have at least 15 service connections or serve at least 25 individuals at least 60 days out of the year. Public water systems that provide more than 100 acre-feet of water per year for municipal use are considered municipal water user groups and are individually planned for in the regional water planning process. Note that some municipal water user groups include more than one public water system. Table I lists the Collin County municipal water user groups for the 2026 regional water plan and associated public water systems that are located in the county.

Water User Group	Associated Public Water Systems(s)
Allen	CITY OF ALLEN (TX0430025)
Anna	CITY OF ANNA (TX0430027)
Bear Creek SUD*	BEAR CREEK SUD (TX0430037)
Blue Ridge	CITY OF BLUE RIDGE (TX0430002) <sup>R</sup>
Caddo Basin SUD*	CADDO BASIN SUD (TX1160029) <sup>R</sup>
Celina*	CITY OF CELINA (TX0430003)
Copeville WSC	COPEVILLE SUD (TX0430029) <sup>R</sup>
Culleoka WSC	CULLEOKA WSC (TX0430030) <sup>R</sup>
Dallas*	DALLAS WATER UTILITY (TX0570004)
Desert WSC*	DESERT WSC (TX0430032) <sup>R</sup>
East Fork SUD*	EAST FORK SUD (TX0430033)
Fairview	TOWN OF FAIRVIEW (TX0430034) <sup>R</sup>
Farmersville	CITY OF FARMERSVILLE (TX0430004) <sup>R</sup>
Frisco*	CITY OF FRISCO (TX0430005)
Frognot WSC*	FROGNOT SUD (TX0430035) <sup>R</sup>
Hickory Creek SUD*	HICKORY CREEK SUD (TX1160062) <sup>R</sup>
Josephine*	CITY OF JOSEPHINE (TX0430036) <sup>R</sup>
Lucas	CITY OF LUCAS (TX0430054) <sup>R</sup>
McKinney	CITY OF MCKINNEY (TX0430039)
Melissa	CITY OF MELISSA (TX0430040)
Milligan WSC	MILLIGAN WSC (TX0430041)
Murphy	CITY OF MURPHY (TX0430042)
Mustang SUD*	MARILEE SUD (TX0910081)
Nevada SUD*	NEVADA SUD (TX0430053)
	ALTOGA WSC (TX0430026);
North Collin SUD	NORTH COLLIN SUD (TX0430055)**
North Farmersville WSC	NORTH FARMERSVILLE WSC (TX0430043) <sup>R</sup>
Parker	CITY OF PARKER (TX0430045) <sup>R</sup>

Table 1. Collin County municipal water user groups and associated public water systems

Water User Group	Associated Public Water Systems(s)
Plano*	CITY OF PLANO (TX0430007)
Princeton	CITY OF PRINCETON (TX0430008)
Prosper*	TOWN OF PROSPER (TX0430009)
Richardson*	CITY OF RICHARDSON (TX0570015)
Royse City*	CITY OF ROYSE CITY (TX1990002)
Sachse*	CITY OF SACHSE (TX0570057)
Seis Lagos UD	SEIS LAGOS UTILITY DISTRICT (TX0430057)
South Grayson SUD*	SOUTH GRAYSON SUD (TX0910064) <sup>R</sup>
Verona SUD	VERONA SUD (TX0430048) <sup>R</sup>
West Leonard WSC*	WEST LEONARD WSC (TX0740034) <sup>R</sup>
Westminster SUD*	WESTMINSTER SUD (TX0430049) <sup>R</sup>
Wylie	CITY OF WYLIE (TX0430011)
Wylie Northeast SUD	WYLIE NORTHEAST SUD (TX0430051)

<sup>R</sup> Public water system meets the definition of a rural political subdivision as defined in <u>Texas Water Code 15.001(14)</u>.

\* Water user group is split by more than one county. Public water systems associated with the water user group and located in Collin County are shown.

\*\* Current records show that the public water system did not submit a water use survey response in 2023.

#### **County-Other Water Systems**

County-other water systems are a subset of public water systems that provide on average less than 100 acrefeet of water per year for municipal use. For TWDB planning purposes, the following systems will be grouped together and planned for under the County-Other, Collin water user group category in the 2026 regional water plan:

- AIR PARK ESTATES (TX0430060)
- WESTON WSC (TX0430050)<sup>R</sup>

<sup>R</sup> Public water system meets the definition of a rural political subdivision as defined in <u>Texas Water Code 15.001(14)</u>.

### Status of Water Systems and Supply

This section highlights potentially vulnerable water systems in Collin County that serve a population of 7,500 or less and rely on a single water source and systems that have recently reported having 180 days or less of available supply.

#### Entities that are identified as 7,500 / sole source

The following entities were identified in the 2021 Region C Regional Water Plan as having a 2010 population less than 7,500 and relying on a sole source for their water supply regardless of whether that water is provided by a wholesale water provider. These entities are highlighted since they may be more vulnerable in times of drought or in the event of a loss of water supply.

- Blue Ridge
- Frognot WSC\*
- Verona SUD
- \* Water user group is split by more than one county.

The 2021 Region C Regional Water Plan presents potential emergency response options for entities with populations less than 7,500 that rely on a sole source and county-other water user groups in the region. Emergency response options could potentially include addition of a local groundwater well, trucking in water, importing supply from a nearby entity, or utilizing existing emergency interconnects. For the temporary emergency response options identified for entities in Collin County, see <u>Chapter 7</u> of the 2021 Region C Regional Water Plan.

#### 180-day Priority List occurrences

Retail public utilities are required by the Texas Commission on Environmental Quality (TCEQ) to report when the utility is reasonably certain that its water supply will be available for less than 180 days. Between January 2016 and November 2023, the following public water systems in Collin County reported to TCEQ as having approximately 180 days or less of water supply remaining:

• City of Josephine (TX0430036)

## Key TWDB Resources for Water Planning & Drought

#### Interactive State Water Plan

The online <u>Interactive State Water Plan</u> provides access to detailed planning data presented at varying geographic levels, through maps, tables, and additional graphics. Users can customize what they see, for example, by selecting data associated with a specific water use category or from a specific planning decade. The displayed data is also downloadable in a spreadsheet format.

To explore detailed planning data for Collin County in the Interactive State Water Plan, visit <u>https://texasstatewaterplan.org/</u>.

#### Texas Water Service Boundary Viewer

The Texas Water Service Boundary Viewer (TWSBV) is a public water system service area mapping application that strives to provide the most up-to-date and best data available on the service areas for all community public water systems within Texas. The TWSBV also provides links to supplemental public water system information, including system specific data from the Drinking Water Watch (maintained by the TCEQ) as well as water use survey information.

The application is used to collect accurate retail water service boundaries to better estimate and project utility population and rural population not served by a system for the regional and state water plans.

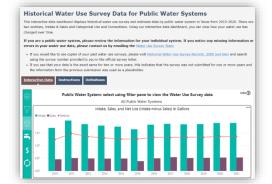
Water systems are encouraged to use the application to verify that their service area boundaries on file are accurate and update them if changes have occurred. Information for editors (utilities) is available at: <a href="http://bit.ly/ServiceBoundaryEditor">http://bit.ly/ServiceBoundaryEditor</a>.

The public can view water system areas on file at <u>https://www2.twdb.texas.gov/apps/WaterServiceBoundaries</u>.

#### Water Use Survey

The TWDB is legislatively directed to provide planning and financial assistance for the development and management of water resources in Texas. This activity is dependent upon the accuracy and completeness of the information that water users provide in the annual Water Use Survey.

The TWDB annually collects and maintains information concerning current state water use in various reports accessible here: https://www.twdb.texas.gov/waterplanning/waterusesurvey/estimates

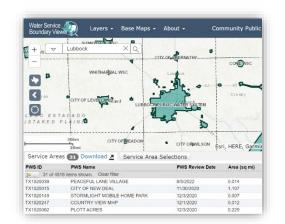


#### TWDB Water Loss Resources

Reducing water loss offers utilities the ability to increase their water use efficiency, improve their financial status, and assist with long-term water sustainability. Currently, all retail public water systems with more than 3,300 connections or a financial obligation to TWDB are required to annually complete and submit a <u>Water Loss</u> <u>Audit</u>. All other retail public water suppliers are required to submit a water loss audit to the TWDB every five years. Water loss audits are required to be submitted by an individual <u>trained</u> in water loss auditing.

Water loss audits help determine the appropriate actions for water loss control but, only if the water loss audit data is validated. Starting in 2025, a Water Loss Audit is required to be validated if the utility has an existing financial obligation to TWDB or is applying financial assistance from TWDB. Visit the TWDB <u>Water Loss Audit</u> <u>Validation</u> webpage for more information.





TWDB staff are available to provide water loss audit assistance and work with utility staff to better understand how water loss audits can benefit their utility. For more information on leak detection, how to collect and report accurate data, and data validation, visit <u>https://www.twdb.texas.gov/conservation/municipal/waterloss/</u>.

#### **TWDB Drought Resources**

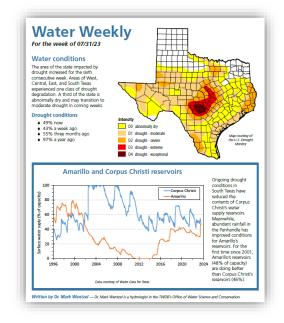
The TWDB offers a variety of resources to assist Texans with drought response and preparedness on the <u>TWDB Drought</u> <u>Resources webpage</u>, including

<u>Water Data for Texas</u>: Water Data for Texas provides information on reservoir storage levels, lake evaporation and precipitation, and water levels at the automated groundwater level wells among other types of information.

<u>Drought Dashboard</u>: The TWDB's drought dashboard provides information on conditions across the state, including rainfall, temperature, streamflow, and soil moisture as well as various drought indices and U.S. Drought Monitor status.

<u>Water Weekly</u>: Water weekly provides a weekly summary of drought conditions across the state.

<u>Texas Water Conditions Report</u>: Report provides a monthly summary of the state's drought and water conditions.



#### TWDB Financial Assistance Programs

The TWDB offers a variety of cost-effective loan and grant programs that provide for the planning, acquisition, design, and construction of water related infrastructure and other water quality improvements. <u>Urgent need</u> <u>funding is available through the Drinking Water State Revolving Fund</u> to assists communities with addressing unforeseen situations that require immediate attention to protect public health and safety.

For more information about TWDB financial assistance programs, visit <u>http://www.twdb.texas.gov/financial/</u>, or contact TWDB at 512-463-0991, <u>Financial\_Assistance@twdb.texas.gov</u>.

#### Texas Division of Emergency Management (TDEM)

The TDEM coordinates the state emergency management program, which is intended to ensure the state and its local governments respond to and recover from emergencies and disasters and implement plans and programs to help prevent or lessen the impact of emergencies and disasters. The chief of TDEM is the state drought manager and is responsible for managing and coordinating the drought response component of the state water plan. For more information, visit <u>https://www.tdem.texas.gov/</u> or contact 512-424-2208.

#### Texas Commission on Environmental Quality (TCEQ)

The TCEQ provides hands-on assistance to communities responding to drought, consults with public water systems about implementing drought contingency plans, tracks public drinking water systems under water-use restrictions, actively manages water in Watermaster Programs, answers the public drought-information hot line: 800-447-2827, and offers drought information on its website: <u>https://www.tceq.texas.gov/response/drought</u>.

In the event of a drinking water emergency, contact your <u>TCEQ regional office</u>. For after-hours emergencies, call 1-888-777-3186.

# Attachment I – 2021 Region C Regional Water Plan Summary Tables

Table AT. Collin	n County planning summary			
		2020	2070	
		Water Need	Water Need	
Water User	Current Water Supply	(acre-	(acre-	Recommended Water
Group	Sources	feet/year)	feet/year)	Management Strategies
	Fork Lake/Reservoir;			
	Indirect Reuse; North Texas			Indirect reuse; Municipal
	MWD Lake/Reservoir			conservation; New major
	System; Tawakoni			reservoir; Other surface
Allen	Lake/Reservoir	118	10,339	water
	Fork Lake/Reservoir;			
	Indirect Reuse; North Texas			Groundwater wells and other;
	MWD Lake/Reservoir			Indirect reuse; Municipal
	System; Tawakoni			conservation; New major
	Lake/Reservoir; Trinity			reservoir; Other strategies;
Anna	Aquifer; Woodbine Aquifer	9	11,231	Other surface water
	Fork Lake/Reservoir;			
	Indirect Reuse; North Texas			Indirect reuse; Municipal
	MWD Lake/Reservoir			conservation; New major
	System; Tawakoni			reservoir; Other surface
B H P WSC*	Lake/Reservoir	0	505	water
	Fork Lake/Reservoir;			
	Indirect Reuse; North Texas			Indirect reuse; Municipal
	MWD Lake/Reservoir			conservation; New major
Bear Creek	System; Tawakoni			reservoir; Other surface
SUD*	Lake/Reservoir	3	1,519	water
			.,	Municipal conservation; New
Blue Ridge	Woodbine Aquifer	13	28,742	major reservoir
0	Fork Lake/Reservoir;		- / ·	
	Indirect Reuse; North Texas			Indirect reuse; Municipal
	MWD Lake/Reservoir			conservation; New major
Caddo Basin	System; Tawakoni			reservoir; Other surface
SUD*	Lake/Reservoir	7	I,866	water
	Fork Lake/Reservoir;	· ·	1,000	
	Indirect Reuse; Ray Hubbard			
	Lake/Reservoir; Ray			
	Roberts-Lewisville-			
	Grapevine Lake/Reservoir			Indirect reuse; Municipal
	System; Tawakoni			conservation; New major
	Lake/Reservoir; Trinity			reservoir; Other surface
Carrollton*	Aquifer	951	7,063	water
	Chapman/Cooper	,,,,	7,005	
	Lake/Reservoir Non-System			
	Portion; Indirect Reuse; Ray			Indiract rouse: Municipal
	Roberts-Lewisville-			Indirect reuse; Municipal
				conservation; New major
Coline*	Grapevine Lake/Reservoir	<b>^</b>	22127	reservoir; Other strategies;
Celina*	System	0	32,127	Other surface water

#### Table A1. Collin County planning summary

		2020	2070	
		Water Need	Water Need	
Water User	Current Water Supply	(acre-	(acre-	Recommended Water
Group	Sources	feet/year)	feet/year)	Management Strategies
Group	Fork Lake/Reservoir;	leeu year j	ieeu year j	Thanagement Strategies
	Indirect Reuse; North Texas			Indirect reuse; Municipal
	MWD Lake/Reservoir			•
				conservation; New major reservoir; Other surface
	System; Tawakoni Lake/Reservoir	1	798	
Copeville SUD	Fork Lake/Reservoir;	I	/ 70	water
	Indirect Reuse; North Texas MWD Lake/Reservoir			Indiract rouses Municipal
				Indirect reuse; Municipal
Country	System; Tawakoni			conservation; New major
County-	Lake/Reservoir; Trinity		554	reservoir; Other strategies;
Other, Collin	Aquifer; Woodbine Aquifer	I	554	Other surface water
	Fork Lake/Reservoir;			Indianat navana Munininal
	Indirect Reuse; North Texas			Indirect reuse; Municipal
Cullesla	MWD Lake/Reservoir			conservation; New major
Culleoka	System; Tawakoni	4	( 1 )	reservoir; Other surface
WSC	Lake/Reservoir	4	643	water
	Fork Lake/Reservoir;			
	Indirect Reuse; Ray Hubbard			
	Lake/Reservoir; Ray			
	Roberts-Lewisville-			Indirect reuse; Municipal
	Grapevine Lake/Reservoir			conservation; New major
	System; Tawakoni			reservoir; Other surface
Dallas*	Lake/Reservoir	11,065	121,355	water
		•	122	Groundwater wells and other;
Desert WSC*	Woodbine Aquifer	0	122	Municipal conservation
	Fork Lake/Reservoir; Indirect Reuse; North Texas			Indianat navana Munininal
	MWD Lake/Reservoir			Indirect reuse; Municipal
Feet Feuls				conservation; New major
East Fork SUD*	System; Tawakoni Lake/Reservoir	10	1 1 7 2	reservoir; Other surface
3004		10	1,172	water
	Fork Lake/Reservoir;			Indiract rouses Municipal
	Indirect Reuse; North Texas MWD Lake/Reservoir			Indirect reuse; Municipal
				conservation; New major
<b>F</b> a:	System; Tawakoni	24	2 000	reservoir; Other surface
Fairview	Lake/Reservoir	24	2,999	water
	Fork Lake/Reservoir;			Indianat navana Munininal
	Indirect Reuse; North Texas MWD Lake/Reservoir			Indirect reuse; Municipal
				conservation; New major
	System; Tawakoni		7 2 / 7	reservoir; Other surface
Farmersville	Lake/Reservoir	5	7,367	water
	Direct Reuse; Fork			
	Lake/Reservoir; Indirect			
	Reuse; North Texas MWD			Indianat november Musticiant
	Lake/Reservoir System;			Indirect reuse; Municipal
	Tawakoni Lake/Reservoir;			conservation; New major
<b>F</b> u::*	Trinity Aquifer; Woodbine	422	27 422	reservoir; Other direct reuse;
Frisco*	Aquifer	423	37,432	Other surface water
Frognot		<u>^</u>	^	
WSC*	Woodbine Aquifer	0	0	Municipal conservation

		2020	2070	
		Water Need	Water Need	
Water User	Current Water Supply	(acre-	(acre-	Recommended Water
Group	Sources	feet/year)	feet/year)	Management Strategies
Garland*	Fork Lake/Reservoir; Indirect Reuse; North Texas MWD Lake/Reservoir System; Tawakoni Lake/Reservoir	222	18,950	Indirect reuse; Municipal conservation; New major reservoir; Other surface water
Hickory				
Creek SUD*	Woodbine Aquifer	96	2,095	None
Irrigation, Collin	Direct Reuse; Ray Hubbard Lake/Reservoir; Trinity Aquifer; Trinity Run-of- River; Woodbine Aquifer	0	0	Indirect reuse; New major reservoir; Other surface water
Josephine*	Fork Lake/Reservoir; Indirect Reuse; North Texas MWD Lake/Reservoir System; Tawakoni Lake/Reservoir Sabine Livestock Local	2	446	Indirect reuse; Municipal conservation; New major reservoir; Other surface water
Livestock,	Supply; Trinity Livestock			
Collin	Local Supply	0	0	None
Lucas	Fork Lake/Reservoir; Indirect Reuse; North Texas MWD Lake/Reservoir System; Tawakoni Lake/Reservoir	12	1,849	Indirect reuse; Municipal conservation; New major reservoir; Other surface water
Manufacturing, Collin	Fork Lake/Reservoir; Indirect Reuse; North Texas MWD Lake/Reservoir System; Tawakoni Lake/Reservoir; Woodbine Aquifer	0	1,026	Groundwater wells and other; Indirect reuse; New major reservoir; Other surface water
Marilee SUD*	Texoma Lake/Reservoir Non-System Portion; Trinity Aquifer	I	119	Municipal conservation; Other strategies; Other surface water
McKinney	Fork Lake/Reservoir; Indirect Reuse; North Texas MWD Lake/Reservoir System; Tawakoni Lake/Reservoir	220	31,888	Indirect reuse; Municipal conservation; New major reservoir; Other surface water
Melissa	Fork Lake/Reservoir; Indirect Reuse; North Texas MWD Lake/Reservoir System; Tawakoni Lake/Reservoir; Woodbine Aquifer	361	22,390	Indirect reuse; Municipal conservation; New major reservoir; Other strategies; Other surface water
Milligan WSC	Fork Lake/Reservoir; Indirect Reuse; North Texas MWD Lake/Reservoir System; Tawakoni Lake/Reservoir	3	400	Indirect reuse; Municipal conservation; New major reservoir; Other surface water

		2020	2070	
		Water Need	Water Need	
Water User	Current Water Supply	(acre-	(acre-	Recommended Water
Group	Sources	feet/year)	feet/year)	Management Strategies
	Fork Lake/Reservoir;			
	Indirect Reuse; North Texas			Indirect reuse; Municipal
	MWD Lake/Reservoir			conservation; New major
	System; Tawakoni			reservoir; Other surface
Murphy	Lake/Reservoir	24	1,822	water
	Fork Lake/Reservoir;			
	Indirect Reuse; North Texas			Indirect reuse; Municipal
	MWD Lake/Reservoir			conservation; New major
	System; Tawakoni			reservoir; Other surface
Nevada SUD*	Lake/Reservoir	2	1,973	water
	Fork Lake/Reservoir;			
	Indirect Reuse; North Texas			Indirect reuse; Municipal
	MWD Lake/Reservoir			conservation; New major
North Collin	System; Tawakoni		(00	reservoir; Other surface
SUD	Lake/Reservoir	4	699	water
	Fork Lake/Reservoir;			
N I	Indirect Reuse; North Texas			Indirect reuse; Municipal
North Farmersville	MWD Lake/Reservoir			conservation; New major
WSC	System; Tawakoni Lake/Reservoir	0	83	reservoir; Other surface
VVSC		0	83	water
	Fork Lake/Reservoir; Indirect Reuse; North Texas			Indirect reuses Municipal
	MWD Lake/Reservoir			Indirect reuse; Municipal conservation; New major
	System; Tawakoni			reservoir; Other surface
Parker	Lake/Reservoir	320	2,176	water
	Fork Lake/Reservoir;	520	2,170	Water
	Indirect Reuse; North Texas			Indirect reuse; Municipal
	MWD Lake/Reservoir			conservation; New major
	System; Tawakoni			reservoir; Other surface
Plano*	Lake/Reservoir	398	31,093	water
	Fork Lake/Reservoir;			
	Indirect Reuse; North Texas			Indirect reuse; Municipal
	MWD Lake/Reservoir			conservation; New major
	System; Tawakoni			reservoir; Other surface
Princeton	Lake/Reservoir	6	3,861	water
	Fork Lake/Reservoir;			
	Indirect Reuse; North Texas			Indirect reuse; Municipal
	MWD Lake/Reservoir			conservation; New major
	System; Tawakoni			reservoir; Other surface
Prosper*	Lake/Reservoir	39	7,336	water
	Fork Lake/Reservoir;			
	Indirect Reuse; North Texas			Indirect reuse; Municipal
	MWD Lake/Reservoir			conservation; New major
	System; Tawakoni			reservoir; Other surface
Richardson*	Lake/Reservoir	148	12,423	water

		2020	2070	
		Water Need	Water Need	
Water User	Current Water Supply	(acre-	(acre-	Recommended Water
Group	Sources	feet/year)	feet/year)	Management Strategies
	Fork Lake/Reservoir;			
	Indirect Reuse; North Texas			Indirect reuse; Municipal
	MWD Lake/Reservoir			conservation; New major
	System; Tawakoni			reservoir; Other surface
Royse City*	Lake/Reservoir	9	4,557	water
	Fork Lake/Reservoir;			
	Indirect Reuse; North Texas			Indirect reuse; Municipal
	MWD Lake/Reservoir			conservation; New major
	System; Tawakoni			reservoir; Other surface
Sachse*	Lake/Reservoir	40	2,148	water
	Fork Lake/Reservoir;			
	Indirect Reuse; North Texas			Indirect reuse; Municipal
	MWD Lake/Reservoir			conservation; New major
	System; Tawakoni			reservoir; Other surface
Seis Lagos UD	Lake/Reservoir	4	248	water
South				Municipal conservation; Other
Grayson	Trinity Aquifer; Woodbine			strategies; Other surface
SUD*	Aquifer	0	354	water
Steam-Electric	North Texas MWD			
Power, Collin	Lake/Reservoir System	0	0	Other surface water
				Groundwater wells and other;
Verona SUD	Woodbine Aquifer	0	297	Municipal conservation
West Leonard				
WSC*	Woodbine Aquifer	0	0	Municipal conservation
Westminster				
WSC*	Woodbine Aquifer	0	6	Municipal conservation
	Fork Lake/Reservoir;			
	Indirect Reuse; North Texas			Indirect reuse; Municipal
Wylie	MWD Lake/Reservoir			conservation; New major
Northeast	System; Tawakoni		1.240	reservoir; Other surface
SUD	Lake/Reservoir	3	I,368	water
	Fork Lake/Reservoir;			Indianat anna Marcinia al
	Indirect Reuse; North Texas			Indirect reuse; Municipal
	MWD Lake/Reservoir			conservation; New major
\ <b>A</b> /ulio*	System; Tawakoni	20	2 040	reservoir; Other surface
Wylie*	Lake/Reservoir	39	3,940	water

\* Water user group is split by more than one county. Table presents the water user group's total summary data for all related counties.

Water User Group	2020	2030	2040	2050	2060	2070
Allen	I	16	22	29	36	42
Anna	-	30	56	66	74	80
B H P WSC*	-	15	22	29	36	42
Bear Creek SUD*	-	16	22	29	36	42
Blue Ridge	3	42	94	97	98	99
Caddo Basin SUD*	I	16	22	29	36	42
Carrollton*	4	9	17	24	27	30
Celina*	-	30	54	70	75	78
Copeville SUD	-	16	22	29	36	42
County-Other, Collin	-	3	4	5	21	30
Culleoka WSC	I	16	22	29	36	42
Dallas*	4	9	17	24	27	30
Desert WSC*	-	-	-	-	-	24
East Fork SUD*	I	16	22	29	36	42
Fairview	I	16	22	29	36	42
Farmersville	-	16	22	29	36	42
Frisco*	I	16	22	30	37	42
Frognot WSC*	-	-	-	-	-	-
Garland*	I	16	22	29	36	42
Hickory Creek SUD*	21	43	58	70	79	85
Irrigation, Collin	-	-	-	-	-	-
Josephine*	I	16	22	29	36	42
Livestock, Collin	-	-	-	-	-	-
Lucas	I	16	22	29	36	42
Manufacturing, Collin	-	15	21	28	34	39
Marilee SUD*	-	-	-	-	4	10
McKinney	I	16	22	29	36	42
Melissa	9	72	80	84	86	87
Milligan WSC	I	16	22	29	36	42
Murphy	I	16	22	29	36	42
Nevada SUD*	I	15	22	29	36	42
North Collin SUD	-	16	22	29	36	41
North Farmersville WSC	_	15	22	29	36	42
Parker	10	17	25	33	40	45
Plano*	I	16	22	29	36	42
Princeton	I	16	22	29	36	42
Prosper*	I	20	37	49	57	57

Table A2. Collin County projected needs of every water user group, as a share of total demand (percent)

Water User Group	2020	2030	2040	2050	2060	2070
Richardson*	I	16	22	29	36	42
Royse City*	I	16	22	29	36	42
Sachse*	I	16	22	29	36	42
Seis Lagos UD	I	16	22	29	36	41
South Grayson SUD*	-	9	24	30	37	41
Steam-Electric Power, Collin	-	-	-	-	-	-
Verona SUD	-	12	26	41	48	53
West Leonard WSC*	-	-	-	-	-	-
Westminster WSC*	-	-	-	-	-	I
Wylie Northeast SUD	-	15	22	29	36	42
Wylie*	I	16	22	29	36	42

\* Water user group is split by more than one county. Table presents the water user group's total data for all related counties.

Color graded scale of needs as a share of demand from 0 (green) to 100 percent (red). Bold indicates needs are 100 percent met by implementation of the plan.

#### Table A3. Collin County unmet needs (acre-feet per year)

Water User Group	2020	2030	2040	2050	2060	2070
Hickory Creek SUD*	96	273	519	866	1,366	2,095

\* Water user group is split by more than one county. Table presents the water user group's total unmet needs for all related counties.



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