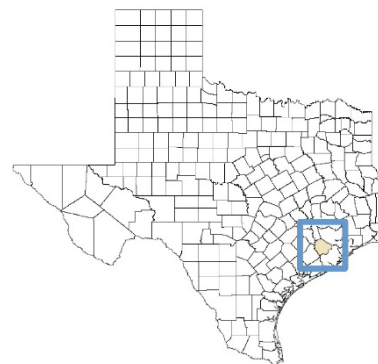


Fort Bend County Water Supply Planning Information & Resources



This document summarizes key water supply planning information for Fort Bend 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 H Regional Water Planning

Fort Bend County is located in the Region H Regional Water Planning Area, which encompasses all or parts of 15 counties along the upper Texas coast (Figure 1). The Region H 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.

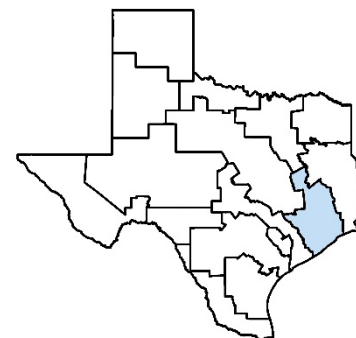


Figure 1 – Region H Regional Water Planning Area

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 H water planning by visiting <https://regionhwater.org/index.asp> or contact the Region H technical consultant at info@regionhwater.org, 713-600-6835.

2021 Region H Regional Water Plan

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

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 Fort Bend 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 Fort Bend 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 1 lists the Fort Bend County municipal water user groups for the 2026 regional water plan and associated public water systems that are located in the county. Attachment 2 lists the public water systems associated with regional water authority water user groups in the county.

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

Water User Group	Associated Public Water Systems(s)
Blue Ridge West MUD	BLUE RIDGE WEST MUD (TX0790051)
First Colony MUD 9	FIRST COLONY MUD 9 (TX0790230)
Fort Bend County FWSD 1*	FORT BEND COUNTY FWSD 1 (TX0790474)
Fort Bend County FWSD 2	FORT BEND COUNTY FWSD 2 (TX0790440)
Fort Bend County MUD 115	FORT BEND COUNTY MUD 115 RIVERSTONE (TX0790403)
Fort Bend County MUD 116	FORT BEND COUNTY MUD 116 CANYON GATE (TX0790367)
Fort Bend County MUD 121	FORT BEND COUNTY MUD 121 (TX0790393)
Fort Bend County MUD 128	FORT BEND COUNTY MUD 128 (TX0790498)
Fort Bend County MUD 129	FORT BEND COUNTY MUD 129 (TX0790437)
Fort Bend County MUD 131	FORT BEND COUNTY MUD 131 (TX0790450)
Fort Bend County MUD 140	FORT BEND COUNTY MUD 140 RIVERS EDGE (TX0790445)
Fort Bend County MUD 149	FORT BEND COUNTY MUD 149 (TX0790517)
Fort Bend County MUD 152	FORT BEND COUNTY MUD 152 (TX0790487)
Fort Bend County MUD 155	FORT BEND COUNTY MUD 155 (TX0790488)
Fort Bend County MUD 158	FORT BEND COUNTY MUD 158 (TX0790466)
Fort Bend County MUD 162	FORT BEND COUNTY MUD 162 (TX0790459)
Fort Bend County MUD 23	FORT BEND COUNTY MUD 23 (TX0790237)
Fort Bend County MUD 24	FORT BEND COUNTY MUD 24 (TX0790468)
Fort Bend County MUD 25	FORT BEND COUNTY MUD 25 (TX0790130)
Fort Bend County MUD 26	FORT BEND COUNTY MUD 26 QUAIL GREEN WEST (TX0790137)
Fort Bend County MUD 42	FORT BEND COUNTY MUD 42 WAT PLAT (TX0790254)
Fort Bend County MUD 46	FORT BEND COUNTY MUD 46 (TX0790315)
Fort Bend County MUD 47	FORT BEND COUNTY MUD 47 (TX0790220)
Fort Bend County MUD 48	FORT BEND COUNTY MUD 48 (TX0790267)
Fort Bend County MUD 49	FORT BEND COUNTY MUD 49 (TX0790256)
Fort Bend County MUD 5	FORT BEND COUNTY MUD 5 (TX0790482)
Fort Bend County MUD 81	FORT BEND COUNTY MUD 81 WESTON LAKES (TX0790268)
Fort Bend County WCID 2*	5TH STREET WATER SYSTEM (TX0790309); FORT BEND COUNTY WCID 2 (TX0790004)
Fort Bend County WCID 3	FORT BEND COUNTY WCID 3 (TX0790368)
Fulshear	CITY OF FULSHEAR (TX0790133)
Houston*	CITY OF HOUSTON (TX1010013)
Katy*	CITY OF KATY (TX1010017)
Kendleton	CITY OF KENDLETON (TX0790018) ^{R**}
Meadowcreek MUD	MEADOWCREEK MUD (TX0790049)

Water User Group	Associated Public Water Systems(s)
Meadows Place*	CITY OF MEADOWS PLACE (TX0790025) ^R
Missouri City	CITY OF MISSOURI CITY MUSTANG BAYOU WATE (TX0790207)
Needville	CITY OF NEEDVILLE (TX0790001) ^{R**}
Palmer Plantation MUD 1	PALMER PLANTATION MUD 1 (TX0790199)
Palmer Plantation MUD 2	PALMER PLANTATION MUD 2 (TX0790323)
Pearland*	CITY OF PEARLAND (TX0200008)
Pecan Grove MUD 1	PECAN GROVE MUD (TX0790132)
Plantation MUD	PLANTATION MUD (TX0790112)
Quadvest*	BRAZOS LAKES WATER SUPPLY (TX0790363); BRIDLEWOOD ESTATES WATER SYSTEM (TX0790350); VACEK COUNTRY MEADOWS (TX0790580)
Quail Valley UD	QUAIL VALLEY UTILITY DISTRICT (TX0790028)
Richmond	CITY OF RICHMOND (TX0790023)
Rosenberg	CITY OF ROSENBERG (TX0790003)
Royal Valley Utilities	KINGDOM HEIGHTS WATER SYSTEM (TX0790462); ROYAL LAKES ESTATES (TX0790364)
Sienna Plantation	SIENNA MANAGEMENT DISTRICT (TX0790495); SIENNA MUD 10 (TX0790452); SIENNA MUD 12 (TX0790494); SIENNA MUD 2 (TX0790345); SIENNA MUD 3 (TX0790376); SIENNA MUD 4 (TX0790489); SIENNA PLANTATION MANAGEMENT DISTRICT (TX0790493)
Sugar Land	CITY OF SUGAR LAND (TX0790005); CITY OF SUGAR LAND - GREATWOOD (TX0790296); CITY OF SUGAR LAND - NEW TERRITORY (TX0790253); CITY OF SUGAR LAND RIVER PARK (TX0790354) ^R
TDCJ Jester Units	TDCJ JESTER 1 UNIT (TX0790085)
Thunderbird UD	THUNDERBIRD UTILITY DISTRICT 1 (TX0790033); THUNDERBIRD UTILITY DISTRICT SYSTEM 2 (TX0790050)
Willow Creek Farms MUD*	WILLOW CREEK FARMS MUD (TX2370089)

^R Public water system meets the definition of a rural political subdivision as defined in [Texas Water Code 15.001\(14\)](#).

* Water user group is split by more than one county. Public water systems associated with the water user group and located in Fort Bend 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 acre-feet 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, Fort Bend water user group category in the 2026 regional water plan:

- CITY OF ARCOLA (TX0790520)
- CITY OF BEASLEY (TX0790014)^R
- CITY OF ORCHARD (TX0790037)^R
- CRYSTAL LAKE ESTATES (TX0790510)
- FORT BEND COUNTY MUD 134E (TX0790574)
- FORT BEND COUNTY MUD 141 (TX0790451)
- FORT BEND COUNTY MUD 145 RIO VISTA (TX0790502)

- FORT BEND COUNTY MUD 184 (TX0790559)
- FORT BEND COUNTY MUD 189 (TX0790497)
- FORT BEND COUNTY MUD 19 (TX0790155)
- FORT BEND COUNTY MUD 190 (TX0790501)
- FORT BEND COUNTY MUD 192 (TX0790553)
- FORT BEND COUNTY MUD 213 (TX0790586)
- FORT BEND COUNTY MUD 218 (TX0790582)
- FORT BEND COUNTY MUD 220 (TX0790573)
- FORT BEND COUNTY MUD 66 (TX0790486)
- FORT BEND COUNTY WCID 8 (TX0790479)^R
- FULBROOK SUBDIVISION WATER PLANT (TX0790385)**
- NIAGRA PUBLIC WATER SUPPLY (TX0790261)**
- RIVER RANCH (TX0790425)
- RIVERBEND RV PARK AND RESORT (TX0790414)
- RIVERWOOD FOREST (TX0790405)**
- ROSEMEADOWS III (TX0790396)**
- SAKO PROPERTIES (TX0790537)
- SHADOW GROVE ESTATES (TX0790389)**
- SOUTHWEST ENVIRONMENTAL RESOURCES (TX0790144)**
- SUN RANCH WATER SYSTEM (TX0790428)
- TEJAS LAKES SUBDIVISION (TX0790504)

^R Public water system meets the definition of a rural political subdivision as defined in [Texas Water Code 15.001\(14\)](#).

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

Status of Water Systems and Supply

This section highlights potentially vulnerable water systems in Fort Bend 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 H 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.

- Fort Bend County FWSD 1
- Fort Bend County FWSD 2
- Fort Bend County MUD 116
- Fort Bend County MUD 152
- Fort Bend County MUD 155
- Fort Bend County MUD 158
- Fort Bend County MUD 162
- Fort Bend County MUD 24
- Fort Bend County MUD 26
- Fort Bend County MUD 42
- Fort Bend County MUD 5
- Fort Bend County MUD 81
- Kendleton
- Meadowcreek MUD
- Palmer Plantation MUD 1
- Palmer Plantation MUD 2

- Royal Valley Utilities

- Thunderbird UD

The 2021 Region H 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 Fort Bend County, see [Chapter 7](#) of the 2021 Region H Regional Water Plan.

180-day Priority List occurrences

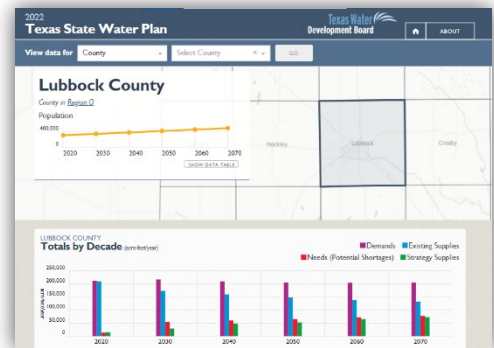
Retail public utilities are required by the Texas Commission on Environmental Quality (TCEQ) to report when the utility is reasonably certain that its water supply will be available for less than 180 days. Between January 2016 and November 2023, no public water systems in Fort Bend County reported having approximately 180 days or less of water supply remaining.

Key TWDB Resources for Water Planning & Drought

Interactive State Water Plan

The online [Interactive State Water Plan](#) 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 Fort Bend County in the Interactive State Water Plan, visit <https://texasstatewaterplan.org/>.



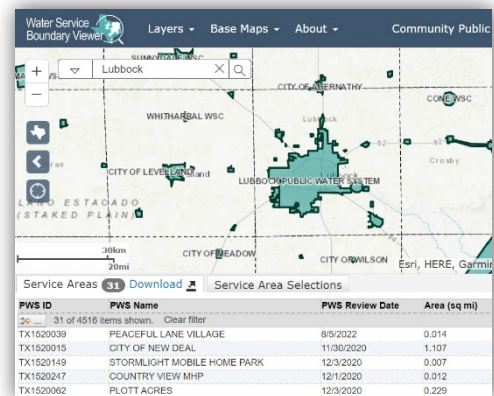
Texas Water Service Boundary Viewer

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: <http://bit.ly/ServiceBoundaryEditor>.

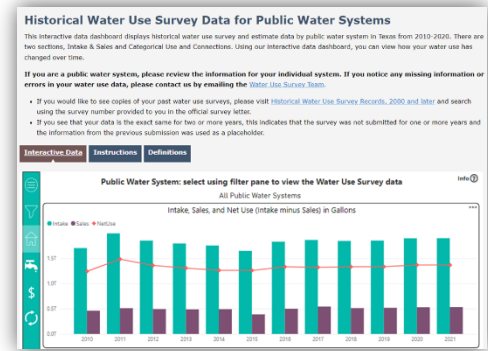
The public can view water system areas on file at <https://www2.twdb.texas.gov/apps/WaterServiceBoundaries>.



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 [Water Loss Audit](#). 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 [trained](#) 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 [Water Loss Audit Validation](#) 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 <https://www.twdb.texas.gov/conservation/municipal/waterloss/>.

TWDB Drought Resources

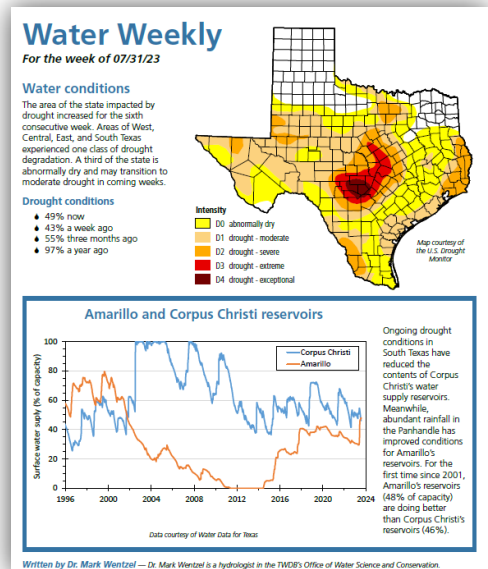
The TWDB offers a variety of resources to assist Texans with drought response and preparedness on the [TWDB Drought Resources webpage](#), including

[Water Data for Texas](#): 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.

[Drought Dashboard](#): 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.

[Water Weekly](#): Water weekly provides a weekly summary of drought conditions across the state.

[Texas Water Conditions Report](#): 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. [Urgent need](#)

[funding is available through the Drinking Water State Revolving Fund](#) to assist communities with addressing unforeseen situations that require immediate attention to protect public health and safety.

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

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 <https://www.tdem.texas.gov/> 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: <https://www.tceq.texas.gov/response/drought>.

In the event of a drinking water emergency, contact your [TCEQ regional office](#). For after-hours emergencies, call 1-888-777-3186.

Attachment I – 2021 Region H Regional Water Plan Summary Tables

Table A1. Fort Bend County planning summary

Water User Group	Current Water Supply Sources	2020 Water Need (acre-feet/year)	2070 Water Need (acre-feet/year)	Recommended Water Management Strategies
Blue Ridge West MUD	Direct Reuse; Gulf Coast Aquifer System	0	337	Conjunctive use; Municipal conservation; Other surface water
County-Other, Fort Bend	Brazos River Authority Main Stem Lake/Reservoir System; Gulf Coast Aquifer System	1,414	28,574	Conjunctive use; Groundwater wells and other; Municipal conservation; New major reservoir; Other direct reuse; Other surface water
First Colony MUD 9	Gulf Coast Aquifer System	0	576	Conjunctive use; Municipal conservation; Other surface water
Fort Bend County FWSD 1	Gulf Coast Aquifer System	0	70	Conjunctive use; Municipal conservation
Fort Bend County FWSD 2	Gulf Coast Aquifer System	0	189	Conjunctive use; Municipal conservation
Fort Bend County MUD 115	Brazos Run-of-River; Gulf Coast Aquifer System	0	324	Municipal conservation; Other surface water
Fort Bend County MUD 116	Gulf Coast Aquifer System	0	703	Conjunctive use; Municipal conservation
Fort Bend County MUD 121	Brazos River Authority Main Stem Lake/Reservoir System; Gulf Coast Aquifer System	0	133	Municipal conservation; Other surface water
Fort Bend County MUD 128	Brazos Run-of-River; Direct Reuse	0	0	Municipal conservation; Other surface water
Fort Bend County MUD 129	Brazos Run-of-River; Gulf Coast Aquifer System	0	339	Municipal conservation; Other surface water
Fort Bend County MUD 140	Brazos River Authority Main Stem Lake/Reservoir System; Gulf Coast Aquifer System	0	144	Municipal conservation; Other surface water
Fort Bend County MUD 149	Brazos Run-of-River; Gulf Coast Aquifer System	0	104	Municipal conservation; Other surface water
Fort Bend County MUD 152	Gulf Coast Aquifer System	0	82	Municipal conservation; Other surface water

Water User Group	Current Water Supply Sources	2020 Water Need (acre-feet/year)	2070 Water Need (acre-feet/year)	Recommended Water Management Strategies
Fort Bend County MUD 155	Gulf Coast Aquifer System	0	197	Municipal conservation; Other surface water
Fort Bend County MUD 158	Gulf Coast Aquifer System	0	125	Municipal conservation; Other surface water
Fort Bend County MUD 162	Gulf Coast Aquifer System	0	138	Conjunctive use; Municipal conservation
Fort Bend County MUD 187	Brazos River Authority Main Stem Lake/Reservoir System; Direct Reuse; Gulf Coast Aquifer System	0	121	Municipal conservation; Other direct reuse; Other surface water
Fort Bend County MUD 23	Gulf Coast Aquifer System	0	539	Conjunctive use; Municipal conservation; Other surface water
Fort Bend County MUD 24	Gulf Coast Aquifer System	0	76	Conjunctive use; Municipal conservation; Other surface water
Fort Bend County MUD 25	Direct Reuse; Gulf Coast Aquifer System	0	431	Municipal conservation; Other direct reuse; Other surface water
Fort Bend County MUD 26	Gulf Coast Aquifer System	0	330	Conjunctive use; Municipal conservation; Other surface water
Fort Bend County MUD 42	Gulf Coast Aquifer System	0	363	Conjunctive use; Municipal conservation; Other surface water
Fort Bend County MUD 46	Brazos Run-of-River; Gulf Coast Aquifer System	0	0	Municipal conservation; Other surface water
Fort Bend County MUD 47	Brazos Run-of-River; Gulf Coast Aquifer System	0	0	Municipal conservation; Other surface water
Fort Bend County MUD 48	Brazos Run-of-River; Gulf Coast Aquifer System	0	122	Municipal conservation; Other surface water
Fort Bend County MUD 49	Brazos Run-of-River; Gulf Coast Aquifer System	0	87	Municipal conservation; Other surface water
Fort Bend County MUD 5	Gulf Coast Aquifer System	0	103	Conjunctive use; Municipal conservation
Fort Bend County MUD 81	Gulf Coast Aquifer System	0	0	Municipal conservation
Fort Bend County WCID 2*	Brazos Run-of-River; Gulf Coast Aquifer System	0	7,533	Municipal conservation; Other surface water

Water User Group	Current Water Supply Sources	2020 Water Need (acre-feet/year)	2070 Water Need (acre-feet/year)	Recommended Water Management Strategies
Fort Bend County WCID 3	Gulf Coast Aquifer System	0	236	Conjunctive use; Municipal conservation
Fulshear	Gulf Coast Aquifer System	0	1,173	Municipal conservation; Other surface water
Houston*	Gulf Coast Aquifer System; Houston Lake/Reservoir; Indirect Reuse; Livingston-Wallisville Lake/Reservoir System; San Jacinto Run-of-River	0	220,772	Groundwater wells and other; Indirect reuse; Municipal conservation; New major reservoir; Other surface water
Irrigation, Fort Bend	Brazos Run-of-River; Gulf Coast Aquifer System; San Jacinto-Brazos Run-of-River	0	0	Agricultural conservation; Conjunctive use
Katy*	Gulf Coast Aquifer System	0	3,800	Conjunctive use; Municipal conservation
Kendleton	Gulf Coast Aquifer System	0	0	Municipal conservation
Livestock, Fort Bend	Gulf Coast Aquifer System	0	0	None
Manufacturing, Fort Bend	Brazos River Authority Main Stem Lake/Reservoir System; Brazos Run-of-River; Gulf Coast Aquifer System	256	1,086	Other surface water
Meadowcreek MUD	Gulf Coast Aquifer System	0	163	Conjunctive use; Municipal conservation; Other surface water
Meadows Place	Direct Reuse; Gulf Coast Aquifer System	0	222	Conjunctive use; Municipal conservation
Mining, Fort Bend	Brazos Run-of-River; Gulf Coast Aquifer System	4	2	Other surface water
Missouri City	Brazos River Authority Main Stem Lake/Reservoir System; Gulf Coast Aquifer System	170	591	Municipal conservation; Other direct reuse; Other surface water
Needville	Gulf Coast Aquifer System	0	0	Municipal conservation
North Fort Bend Water Authority*	Direct Reuse; Gulf Coast Aquifer System; Livingston-Wallisville Lake/Reservoir System	0	54,202	Indirect reuse; Municipal conservation; Other direct reuse; Other surface water

Water User Group	Current Water Supply Sources	2020 Water Need (acre-feet/year)	2070 Water Need (acre-feet/year)	Recommended Water Management Strategies
Palmer Plantation MUD 1	Gulf Coast Aquifer System	0	218	Conjunctive use; Municipal conservation; Other surface water
Palmer Plantation MUD 2	Gulf Coast Aquifer System	0	106	Conjunctive use; Municipal conservation; Other surface water
Pearland*	Gulf Coast Aquifer System; Livingston-Wallisville Lake/Reservoir System	0	0	Municipal conservation; Other direct reuse; Other surface water
Pecan Grove MUD 1	Brazos River Authority Main Stem Lake/Reservoir System; Brazos Run-of-River; Gulf Coast Aquifer System	0	0	Municipal conservation; Other surface water
Plantation MUD	Direct Reuse; Gulf Coast Aquifer System	0	98	Conjunctive use; Municipal conservation
Quadvest*	Gulf Coast Aquifer System	0	11,368	Conjunctive use; Municipal conservation; Other surface water
Quail Valley UD	Direct Reuse; Gulf Coast Aquifer System	0	687	Conjunctive use; Municipal conservation; Other direct reuse; Other surface water
Richmond	Brazos River Authority Main Stem Lake/Reservoir System; Gulf Coast Aquifer System	0	758	Municipal conservation; New major reservoir; Other surface water
Rosenberg	Brazos Run-of-River; Direct Reuse; Gulf Coast Aquifer System	0	293	Municipal conservation; Other surface water
Royal Valley Utilities	Gulf Coast Aquifer System	0	349	Conjunctive use; Municipal conservation
Sienna Plantation	Brazos River Authority Main Stem Lake/Reservoir System; Brazos Run-of-River; Direct Reuse; Gulf Coast Aquifer System	0	2,994	Municipal conservation; Other direct reuse; Other surface water
Steam-Electric Power, Fort Bend	Brazos River Authority Main Stem Lake/Reservoir System; Brazos Run-of-River	0	0	None

Water User Group	Current Water Supply Sources	2020 Water Need (acre-feet/year)	2070 Water Need (acre-feet/year)	Recommended Water Management Strategies
Sugar Land	Brazos Run-of-River; Gulf Coast Aquifer System; San Jacinto-Brazos Run-of-River	0	13,458	Municipal conservation; Other direct reuse; Other surface water
TDCJ Jester Units	Gulf Coast Aquifer System	0	394	Conjunctive use; Municipal conservation
Thunderbird UD	Gulf Coast Aquifer System	0	508	Conjunctive use; Municipal conservation; Other surface water
West Harris County Regional Water Authority*	Direct Reuse; Gulf Coast Aquifer System; Livingston-Wallisville Lake/Reservoir System	0	39,318	Conjunctive use; Indirect reuse; Municipal conservation; Other direct reuse; Other surface 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.

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

Water User Group	2020	2030	2040	2050	2060	2070
Blue Ridge West MUD	-	29	28	28	28	28
County-Other, Fort Bend	9	33	31	34	39	43
First Colony MUD 9	-	31	31	31	31	31
Fort Bend County FWSD 1	-	34	38	41	43	44
Fort Bend County FWSD 2	-	35	38	41	42	44
Fort Bend County MUD 115	-	33	33	33	33	33
Fort Bend County MUD 116	-	33	37	40	42	43
Fort Bend County MUD 121	-	30	30	30	29	29
Fort Bend County MUD 128	-	-	-	-	-	-
Fort Bend County MUD 129	-	30	30	30	30	30
Fort Bend County MUD 140	-	30	29	29	29	29
Fort Bend County MUD 149	-	35	38	38	38	38
Fort Bend County MUD 152	-	35	38	39	39	39
Fort Bend County MUD 155	-	35	39	38	38	38
Fort Bend County MUD 158	-	35	39	38	38	38
Fort Bend County MUD 162	-	35	38	38	38	38
Fort Bend County MUD 187	-	30	29	29	29	29
Fort Bend County MUD 23	-	31	32	33	34	35

Water User Group	2020	2030	2040	2050	2060	2070
Fort Bend County MUD 24	-	35	38	38	38	38
Fort Bend County MUD 25	-	26	26	26	27	27
Fort Bend County MUD 26	-	35	39	39	38	38
Fort Bend County MUD 42	-	35	35	35	35	35
Fort Bend County MUD 46	-	-	-	-	-	-
Fort Bend County MUD 47	-	-	-	-	-	-
Fort Bend County MUD 48	-	30	29	29	29	29
Fort Bend County MUD 49	-	35	35	35	35	35
Fort Bend County MUD 5	-	35	34	34	34	34
Fort Bend County MUD 81	-	-	-	-	-	-
Fort Bend County WCID 2*	-	32	37	39	42	43
Fort Bend County WCID 3	-	36	36	36	36	36
Fulshear	-	40	41	41	41	41
Houston*	-	14	26	30	33	37
Irrigation, Fort Bend	-	-	-	-	-	-
Katy*	-	37	46	46	46	45
Kendleton	-	-	-	-	-	-
Livestock, Fort Bend	-	-	-	-	-	-
Manufacturing, Fort Bend	5	18	18	18	18	18
Meadowcreek MUD	-	35	35	35	35	35
Meadows Place	-	26	26	27	27	28
Mining, Fort Bend	6	13	12	12	14	11
Missouri City	40	81	78	76	75	73
Needville	-	-	-	-	-	-
North Fort Bend Water Authority*	-	37	41	43	44	44
Palmer Plantation MUD 1	-	35	35	35	35	35
Palmer Plantation MUD 2	-	29	29	29	29	29
Pearland*	-	-	-	-	-	-
Pecan Grove MUD 1	-	-	-	-	-	-
Plantation MUD	-	27	26	25	25	25
Quadvest*	-	23	39	50	59	65
Quail Valley UD	-	14	20	20	20	20
Richmond	-	23	24	26	28	30
Rosenberg	-	-	-	-	1	5
Royal Valley Utilities	-	36	39	39	39	39
Sienna Plantation	-	-	-	2	12	19
Steam-Electric Power, Fort Bend	-	-	-	-	-	-

Water User Group	2020	2030	2040	2050	2060	2070
Sugar Land	-	28	30	31	32	33
TDCJ Jester Units	-	30	30	30	30	30
Thunderbird UD	-	35	35	35	35	35
West Harris County Regional Water Authority*	-	21	43	45	45	46

* 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. Fort Bend County unmet needs (acre-feet per year) – Table not applicable. No water user groups in the county are projected to have unmet needs in the 2021 Regional Water Plan.

Attachment 2 – Public Water Systems Associated with Regional Water Authority Water User Groups

Water User Group	Associated Public Water Systems(s)
North Fort Bend Water Authority*	BIG OAKS MUD (TX0790332)
North Fort Bend Water Authority*	CINCO MUD 1 (TX0790274)
North Fort Bend Water Authority*	CINCO MUD 10 (TX0790386)
North Fort Bend Water Authority*	CINCO MUD 12 (TX0790344)
North Fort Bend Water Authority*	CINCO MUD 14 (TX0790422)
North Fort Bend Water Authority*	CINCO MUD 2 (TX0790306)
North Fort Bend Water Authority*	CINCO MUD 3 (TX0790292)
North Fort Bend Water Authority*	CINCO MUD 5 (TX0790291)
North Fort Bend Water Authority*	CINCO MUD 6 (TX0790316)
North Fort Bend Water Authority*	CINCO MUD 7 (TX0790343)
North Fort Bend Water Authority*	CINCO MUD 8 (TX0790324)
North Fort Bend Water Authority*	CINCO MUD 9 (TX0790307)
North Fort Bend Water Authority*	CINCO SOUTHWEST MUD 1 (TX0790438)
North Fort Bend Water Authority*	CINCO SOUTHWEST MUD 2 (TX0790481)
North Fort Bend Water Authority*	CINCO SOUTHWEST MUD 3 DAYCARE (TX0790521)
North Fort Bend Water Authority*	CINCO SOUTHWEST MUD 4 (TX0790522)
North Fort Bend Water Authority*	CORNERSTONES MUD (TX1011692)
North Fort Bend Water Authority*	FORT BEND COUNTY MUD 118 (TX0790366)
North Fort Bend Water Authority*	FORT BEND COUNTY MUD 119 (TX0790382)
North Fort Bend Water Authority*	FORT BEND COUNTY MUD 122 (TX0790416)
North Fort Bend Water Authority*	FORT BEND COUNTY MUD 123 (TX0790446)
North Fort Bend Water Authority*	FORT BEND COUNTY MUD 124 (TX0790412)
North Fort Bend Water Authority*	FORT BEND COUNTY MUD 130 (TX0790371)
North Fort Bend Water Authority*	FORT BEND COUNTY MUD 132 (TX0790566)
North Fort Bend Water Authority*	FORT BEND COUNTY MUD 133 (TX0790444)
North Fort Bend Water Authority*	FORT BEND COUNTY MUD 134B (TX0790532)
North Fort Bend Water Authority*	FORT BEND COUNTY MUD 134C (TX0790533)
North Fort Bend Water Authority*	FORT BEND COUNTY MUD 134D (TX0790562)
North Fort Bend Water Authority*	FORT BEND COUNTY MUD 142 (TX0790429)
North Fort Bend Water Authority*	FORT BEND COUNTY MUD 143 WATER VIEW ESTA (TX0790472)
North Fort Bend Water Authority*	FORT BEND COUNTY MUD 146 (TX0790435)
North Fort Bend Water Authority*	FORT BEND COUNTY MUD 151 (TX0790443)
North Fort Bend Water Authority*	FORT BEND COUNTY MUD 156 (TX0790541)
North Fort Bend Water Authority*	FORT BEND COUNTY MUD 165 (TX0790470)
North Fort Bend Water Authority*	FORT BEND COUNTY MUD 182 (TX0790500)
North Fort Bend Water Authority*	FORT BEND COUNTY MUD 185 (TX0790478)
North Fort Bend Water Authority*	FORT BEND COUNTY MUD 194 (TX0790543)
North Fort Bend Water Authority*	FORT BEND COUNTY MUD 2 (TX0790038)

Water User Group	Associated Public Water Systems(s)
North Fort Bend Water Authority*	FORT BEND COUNTY MUD 206 VICTORIAN GARDE (TX0790548)
North Fort Bend Water Authority*	FORT BEND COUNTY MUD 30 (TX0790146)
North Fort Bend Water Authority*	FORT BEND COUNTY MUD 34 (TX0790200)
North Fort Bend Water Authority*	FORT BEND COUNTY MUD 35 (TX0790433)
North Fort Bend Water Authority*	FORT BEND COUNTY MUD 37 (TX0790189)
North Fort Bend Water Authority*	FORT BEND COUNTY MUD 41 (TX0790229)
North Fort Bend Water Authority*	FORT BEND COUNTY MUD 50 (TX0790277)
North Fort Bend Water Authority*	FORT BEND COUNTY MUD 57 (TX0790455)
North Fort Bend Water Authority*	FORT BEND COUNTY MUD 58 (TX0790458)
North Fort Bend Water Authority*	FULSHEAR MUD 3A (TX0790560)
North Fort Bend Water Authority*	GOLDENROD WSC (TX0790383)
North Fort Bend Water Authority*	GRAND LAKES MUD 1 (TX0790410)
North Fort Bend Water Authority*	GRAND LAKES MUD 2 (TX0790387)
North Fort Bend Water Authority*	GRAND LAKES MUD 4 (TX0790356)
North Fort Bend Water Authority*	GRAND MISSION MUD 1 (TX0790430)
North Fort Bend Water Authority*	GRAND MISSION MUD 2 (TX0790449)
North Fort Bend Water Authority*	HARRIS FORT BEND COUNTIES MUD 1 (TX0790216)
North Fort Bend Water Authority*	HARRIS FORT BEND COUNTIES MUD 5 (TX0790347)
North Fort Bend Water Authority*	KINGSBRIDGE MUD (TX0790158)
North Fort Bend Water Authority*	LAKES OF MISSION GROVE (TX0790423)**
North Fort Bend Water Authority*	NORTH MISSION GLEN MUD (TX0790174)
North Fort Bend Water Authority*	WILLOW POINT MUD (TX0790550)
West Harris County Regional Water Authority*	CHELFORD CITY MUD (TX1010782)
West Harris County Regional Water Authority*	CIMARRON MUD (TX1011410)
West Harris County Regional Water Authority*	MISSION BEND MUD 1 (TX1011718)
West Harris County Regional Water Authority*	RENN ROAD MUD (TX1011834)
West Harris County Regional Water Authority*	WEST HARRIS COUNTY MUD 4 (TX1011825)

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

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



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