

TEXAS WATER DEVELOPMENT BOARD

MUNICIPAL Water Use Survey for Calendar Year 2020

Deadline to return completed survey is **March 1, 2021**, according to Chapter 31 in Texas Administrative Code (TAC) Section 358.

Please save a copy of the survey on your desktop before you begin entering data. For guidance, refer to end notes on the last pages of the survey form. For assistance, call Water Use Survey hot-line **(512) 463-7952**.

CONTACT INFORMATION

As listed in previous correspondence; please note any revisions or changes to the contact information:

SURVEY Number¹: 866270 **County:** 224 THROCKMORTON ▾

Name of System: City of Throckmorton **Community PWS ID²:** 2240001

Mailing Address: P.O. Box 640

City/State: Throckmorton **Zip Code:** 76483

Contact Name: Jimmy Collins **Title:** City Supervisor

Email Address: jimmy@throckmortontx.org **Telephone Number:** (940) 849-4411

Please provide any additional comments or remarks below.

Please return completed survey to TWDB Water Use Survey (WUS) Team:

Email waterusesurvey@twdb.texas.gov OR Fax (512) 463-8468 OR

Mail to TWDB-WUS Team at P.O. Box 13231 Austin, Texas 78711-3231

Pumped Groundwater (Self-Supplied)³

Did this system pump groundwater last year?

Yes No

If no, go on to next page.

Volume of Water Intake in Gallons

Please provide the Intake information and volumes (in **GALLONS**) below for each Aquifer/County group of wells. If groundwater is pumped from more than 3 Aquifer/County combinations, please include a copy of this page with the additional groundwater sources. *Total volume automatically calculates.*

GROUNDWATER	Source 1	Source 2	Source 3
Aquifer from which groundwater was pumped	_____	_____	_____
County where groundwater was pumped	_____	_____	_____
Number of active wells			
January			
February			
March			
April			
May			
June			
July			
August			
September			
October			
November			
December			
TOTAL VOLUME gallons	0	0	0
<i>Metered or Estimated</i> ⁴	_____	_____	_____
<i>Percent of Volume Treated Before Intake</i> ⁵	%	%	%
<i>Brackish/Saline</i> ⁶			_____

1 acre-foot = 325,851 gallons; 1 barrel = 42 gallons; 1 cubic foot = 7.48 gallons

Surface Water under a TCEQ Water Right (Self-Supplied)⁷

Did this system pump surface water under a TCEQ Surface Water Right last year? Yes No

If no, go on to next page.

Volume of Water Intake in Gallons

Please provide the Intake information and volumes (in **GALLONS**) below for each Surface Water source OR for each TCEQ Surface Water Right. (Multiple Water Rights from a single surface water source can be combined in reporting or reported separately.) If surface water is diverted from more than 3 surface water sources or from more than 3 Water Rights, please include a copy of this page with the additional surface water sources.

Total volume automatically calculates.

SURFACE WATER	Source 1	Source 2	Source 3
Source River or Reservoir Name	Lake Throckmorton		
County where diversion took place	224 THROCKMORTON <input type="text"/>		
TCEQ Surface Water Right Number(s)	2240001		
January	3,659,000		
February	3,195,000		
March	3,481,000		
April	3,471,000		
May	3,747,000		
June	5,083,000		
July	5,644,000		
August	7,017,000		
September	4,667,000		
October	4,589,000		
November	3,969,000		
December	3,242,000		
TOTAL VOLUME gallons	51,764,000	0	0
Metered or Estimated ⁸	Metered <input type="text"/>		
Percent of Volume Treated Before Intake ⁹	0 %	%	%
Brackish/Saline ¹⁰	Yes <input type="text"/>		
Percent Consumed ¹¹	0 %	%	%

1 acre-foot = 325,851 gallons; 1 barrel = 42 gallons; 1 cubic foot = 7.48 gallons

Purchased Water

Did this system purchase ground or surface water last year?

Yes No

If no, go on to next page.

Volume of Water Intake in Gallons

Please provide the Intake information and volumes (in **GALLONS**) below for water purchased. If water is purchased from more than 3 water providers, please include a copy of this page with the additional water purchases. If water is purchased from a provider and metered through more than one connection, then combine the metered volumes in reporting the purchase below.

Total volume automatically calculates.

PURCHASED GW/SW	Source 1	Source 2	Source 3
Name of Water Provider			
Type of water ¹² if known	_____	_____	_____
Name of Source ¹³ if known			
Source County	_____	_____	_____
January			
February			
March			
April			
May			
June			
July			
August			
September			
October			
November			
December			
TOTAL VOLUME gallons	0	0	0
Metered or Estimated ¹⁴	_____	_____	_____
Percent of Volume Treated Before Intake ¹⁵	%	%	%
Brackish/Saline ¹⁶	_____	_____	_____

1 acre-foot = 325,851 gallons; 1 barrel = 42 gallons; 1 cubic foot = 7.48 gallons

Reuse\Treated Effluent (Self-Supplied or Purchased)

Did this system reuse treated effluent water last year?

Yes No

If no, go on to next page.

Please enter the annual volume of waste-water effluent that was treated by the system with the purpose of reuse. Complete a column for each unique reuse water source. Please note that percentage(s) must total 100%.

REUSE	Source 1	Source 2	Source 3
Name of Water Source ¹⁷			
Treatment County ¹⁸	_____	_____	_____
If purchased, Seller ¹⁹			
Type of Reuse ²⁰	_____	_____	_____
Reuse Permit Number ²¹			
TOTAL VOLUME gallons²²			
% Used for Industrial²³	%	%	%
% Used for Landscape²⁴	%	%	%
% Used for Agriculture²⁵	%	%	%
% Used for Other²⁶	%	%	%

1 acre-foot = 325,851 gallons; 1 barrel = 42 gallons; 1 cubic foot = 7.48 gallons

Water Sales to other Water Systems or Industrial Facilities

Did this system sale water to another water system or industry last year? Yes No

If no, go on to next page.

Wholesale Water Sales to other Water Systems

If the system sells water to other public water systems, please complete the row for each sale. If system has more than 3 sales, please include a copy of this page with the additional sales.

WATER SYSTEM SALES	Buyer Name	Water Type ²⁷ (GW,SW,CS)	Source Name ²⁸	Source County	Raw or Treated	TOTAL VOLUME (Gallons) ²⁹
Sale 1		_____			_____	
Sale 2		_____			_____	
Sale 3		_____			_____	

Water Sales to Industrial Production Facilities³⁰

If the system sells water to industrial facilities (mining, manufacturing, or power generation), please complete the row for each sale. If system has more than 3 sales, please include a copy of this page with the additional sales. If volume sold is less than 10 million gallons, then combine industry sale volumes.

INDUSTRY SALES	Buyer Name ³¹	Water Type ³² (GW,SW,CS)	Source Name ³³	Source County	Raw or Treated	TOTAL VOLUME (Gallons) ³⁴
Sale 1		_____			_____	
Sale 2		_____			_____	
Sale 3		_____			_____	

***Required field! What county (or counties) does this system serve?**

Direct Retail Connections within Counties

Please list per column the counties in which the system had direct retail (non-wholesale) connections. Include the number of active and inactive connections located within each county. If system is connected to more than four counties, please include a copy of this page with the additional counties.

COUNTY	County Name	Number of Connections
County 1	224 THROCKMORTON <input type="text" value="▼"/>	472
County 2	_____	
County 3	_____	
County 4	_____	

Water System Information

What is the estimated total full-time retail population served directly by this system? If Wholesale only, enter zero.

750

Retail Water Metered

For each row, please provide the active and inactive connection and metered volume information for the following recommended Retail Customer Categories. "Retail water" refers to the amount of water sold to customers.

Retail Customer Category	# of Connections (or Units ³⁵)	Total Retail METERED Water in Gallons
Residential Single Family ³⁶	380	17,456,000
Residential Multi-Family ³⁷	5	10,090,000
Institutional ³⁸	12	8,182,000
Commercial ³⁹	75	5,453,000
Industrial* (including Industrial sales listed earlier) ⁴⁰	0	
Agricultural ⁴¹	0	
Reuse ⁴²	0	
TOTAL Retail Metered Connections & Annual Retail Volume (Gallons)	472	41,181,000

Retail Water Unmetered

What is the total number of Un-Metered Connections and annual volume? (Ex: Back-flushing, line-flushing, and fire department use)

Connections	Volume in Gallons
25	10583000

Please provide any additional comments or remarks below.

- ¹ The survey number is a unique number assigned by Texas Water Development Board (TWDB) to each system. Survey number does not change and is the same every year. This number can be found in the upper-right header on the notification letter that is sent to all systems annually.
- ² The community public water supply (PWS) code number is a unique number assigned by the Texas Commission on Environmental Quality to each public water system in Texas. <<http://dww.tceq.state.tx.us/DWWW/>>
- ³ If the system pumps groundwater, please provide those volumes in gallons by aquifer. If your system is able to provide volumes by individual wells, please use our Online data-entry application located at, <<http://www.twdb.texas.gov/waterplanning/waterusesurvey/survey/online.asp>>.
- ⁴ Was the pumped groundwater volume, Metered or Estimated? Select "Metered" or "Estimated".
- ⁵ What percent of the volume was treated prior to intake? May include raw water purchases (0% treated), treated water purchases (100%), or a combination. For self-supplied, would normally be 0%.
- ⁶ Was the water brackish or saline (seawater) prior to treatment? Brackish water is between 1,000 and 10,000 milligrams per liter (mg/L) of total dissolved solids (TDS). Saline water is considered water having greater than 10,000 mg/L of TDS. Select either "Yes" if brackish/saline, or "No" if not brackish/saline.
- ⁷ If the system diverts or receives surface water from an owned or contracted Texas Commission on Environmental Quality (TCEQ) Surface water right, please provide those **diverted volumes that enter the system**. The monthly diversion volumes for each water right must be included here, in addition to the reported required by TCEQ or Water-master office.
- ⁸ Was the surface water volume diverted, Metered or Estimated? Select "Metered" or "Estimated".
- ⁹ What percent of the volume was treated prior to the intake pump? May include raw water purchases (0% treated), treated water purchases (100%), or a combination. For self-supplied, would normally be 0%.
- ¹⁰ Was the water brackish or saline (seawater) prior to treatment? Brackish water is between 1,000 and 10,000 milligrams per liter (mg/L) of total dissolved solids (TDS). Saline water is considered water having greater than 10,000 mg/L of TDS. Select either "Yes" if brackish/saline, or "No" if not brackish/saline.
- ¹¹ If surface water was used in an industrial process, such as once-through cooling, where a significant portion of the water was returned to the original water source with minimal treatment; enter what PERCENT of the diverted volume was consumed.
- ¹² Select the type of water purchased: Groundwater, Surface Water or Combined Source (ground and surface water).
- ¹³ If ground water, please enter the aquifer name; if surface water, enter the river or reservoir name.
- ¹⁴ Was the purchased water volume, Metered or Estimated? Select "Metered" or "Estimated".

- ¹⁵ What percent of the volume was treated prior to intake? May include raw water purchases (0% treated), treated water purchases (100%), or a combination. For self-supplied, would normally be 0%.
- ¹⁶ Was the water brackish or saline (seawater) prior to treatment? Brackish water is between 1,000 and 10,000 milligrams per liter (mg/L) of total dissolved solids (TDS). Saline water is considered water having greater than 10,000 mg/L of TDS. Select either "Yes" if brackish/saline, or "No" if not brackish/saline.
- ¹⁷ What was the name of the water source prior to water use and treatment?
- ¹⁸ In which county was the effluent treated for reuse?
- ¹⁹ If the reuse water was purchased, what was the Seller's name?
- ²⁰ Direct reuse is the use of reclaimed water that is piped directly from the wastewater treatment plant to the place where it is used. Indirect reuse is the use of reclaimed water by discharging to a water supply source, such as surface water or groundwater, where it blends with the water supply and may be further purified before being removed for non-potable or potable uses. Determine if reuse is a potable or non-potable source. Texas Land Application Permit (TLAP) reuse is the disposal of treated effluent by land application (surface irrigation, evaporation, drainfields or subsurface application).
- ²¹ For Direct reuse, enter the 210 permit number. For Indirect reuse, enter the TCEQ Surface Water Right or Adjudication number. For TLAP reuse, enter the TLAP permit number.
- ²² Total annual reuse water volume in gallons.
- ²³ Industrial reuse - the reuse of water in processes designed to convert materials of a lower order of value into forms having greater usability and commercial value, and the development of power by means other than hydroelectric, but does not include agricultural use. (Examples: mining, construction, and manufacturing).
- ²⁴ Landscape reuse - the reuse of water on turf and plant areas including decorative water features comprising a landscape. Also includes the irrigation of golf courses and parks if the water is from a public water system.
- ²⁵ Agricultural reuse - any reuse of water for agriculture purposes such as crop production, livestock, wildlife management, forestry, or horticulture.
- ²⁶ Other reuse - the reuse of water that is not for landscape, agricultural, or industrial purposes.
- ²⁷ Where GW is Ground Water, SW is Surface Water, and CS is Combined Source (ground water and surface water).
- ²⁸ If ground water, please enter the aquifer name; if surface water, enter the river or reservoir name.
- ²⁹ Please enter the Total Volume sold in gallons.
- ³⁰ Please list the buyers **only when the volumes are greater than 10 million gallons**. These should be sales to production facilities, not administrative offices. If sold to a significant number of MINING or MANUFACTURING facilities where each sale is less than 10 million gallons, please sum the sales together and list as "Other Mining" or "Other Manufacturing".
- ³¹ Enter name of each Industrial Customer.
- ³² Where GW is Ground Water, SW is Surface Water, and CS is Combined Source (ground water and surface water).
- ³³ If ground water, please enter the aquifer name; if surface water, enter the river or reservoir name.
- ³⁴ Please enter the Total Annual Volume for each sale in gallons.
- ³⁵ For Multi-family water customers, please include the number of multi-family connections or units rather than number of meters. A connection/unit is an apartment or condo within a building or complex. Include active and inactive connections.
- ³⁶ A classification of housing where a single detached dwelling or separate house is a free-standing residential building. Also includes duplexes.
- ³⁷ A classification of housing where multiple housing units for residents are contained within one building or complex. A common form is an apartment building or condominiums.
- ³⁸ The use of water by an establishment dedicated to public service, such as a school, university, church, hospital, nursing home, prison or government facility. All facilities dedicated to public service are considered institutional regardless of ownership. (Examples: Educational services, Health care, Recreation, and Public Administration).
- ³⁹ A place of business such as a hotel, restaurant, or office building which uses water. Commercial water use does not include water used for multi-family residences, agricultural, industrial, or institutional users.
- ⁴⁰ The use of water in processes designed to convert materials of a lower order of value into forms having greater usability and commercial value, and the development of power by means other than hydroelectric, but does not include agricultural use. (Examples: mining, utilities, construction, and manufacturing).
- ⁴¹ Any use or activity involving agriculture, including irrigation (Examples: Agriculture, Forestry, Fishing and Hunting). Do not include any reuse sales here.
- ⁴² The use of water that remains unconsumed after the water is used for the original purpose of use and before that water is either: Disposed, discharged, or otherwise allowed to flow into a watercourse, lake, or other body of state-owned water.