

TEXAS WATER DEVELOPMENT BOARD

MUNICIPAL Short Water Use Survey for End of Calendar Year December 31, 2018

Deadline to return completed survey is **March 1, 2019**, according to Chapter 31 in Texas Administrative Code (TAC) Section 358.

Once complete, make a copy for your records. For guidance, refer to end notes on the last pages of the survey form. For assistance, call Water Use Survey hotline **(512) 463-7952**.

CONTACT INFORMATION

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

SURVEY Number¹: 1104719 County: REAL
Community
Name of System: CROWN MOUNTAIN WATER PWS Code²: 1930020
Mailing Address: P.O. BOX 305
City/State: CAMP WOOD TX. Zip Code: 78833
Contact Name: LONNY MEADORS Title: WATER OPERATOR CLASS "D" LICENSE
Email Address: CJR FALCON@AOL.COM Telephone Number: 956 533 7499

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

Survey Number

System Name

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	TRINITY	-----	-----
County where groundwater was pumped	REAL	-----	-----
Number of active wells	1		
January	138,000		
February	102,500		
March	142,700		
April	189,800		
May	195,700		
June	240,000		
July	250,700		
August	172,900		
September	110,100		
October	98,900		
November	116,800		
December	142,300		
TOTAL VOLUME gallons	1,900,400 0	0	0
Metered or Estimated ⁴	METERED	-----	-----
Percent of Volume Treated Before Intake ⁵	0 %	%	%
Brackish/Saline ⁶	BRACKISH	-----	-----

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

Survey Number

System Name

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			
County where diversion took place	-----	-----	-----
TCEQ Surface Water Right Number(s)			
January			
February			
March			
April			
May			
June			
July			
August			
September			
October			
November			
December			
TOTAL VOLUME gallons	0	0	0
Metered or Estimated ⁸	-----	-----	-----
Percent of Volume Treated Before Intake ⁹	%	%	%
Brackish/Saline ¹⁰	-----	-----	-----
Percent Consumed ¹¹	%	%	%

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

Survey Number

System Name

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

Survey Number

System Name

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			
Direct or Indirect ²⁰	-----	-----	-----
If Indirect, TCEQ Surface Water Right Number ²¹			
TOTAL VOLUME gallons ²²			
% Used for Industrial ²³	%	%	%
% Used for Landscape ²⁴	%	%	%
% Used for Agriculture ²⁵	%	%	%
% Used for Other ²⁶	%	%	%

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

Survey Number

System Name

Water Sales to other Water Systems or Industrial Facilities

Did this system sell 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		-----		-----	-----	

Survey Number

System Name

Water System Information

What is the retail total population³⁵ served directly by this system?

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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. This number can be found in the upper-right header on the notification letter that is sent to all systems every year.

² The 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.

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.state.tx.us/waterplanning/waterusesurvey/survey/online.asp>>.

⁴ Was the pumped groundwater volume either Metered or Estimated? Select either "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.

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) 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 either Metered or Estimated? Select either "Metered" or "Estimated".

⁹ What percent of the volume was treated prior to intake? May include raw water purchases (0% treated), treated water purchases (100%), or a combination.

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- 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 either Metered or Estimated? Select either "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.
- 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 is 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 is 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.
- ²¹ If Indirect reuse water is blended with a surface water source, what is the TCEQ Surface Water Right or Adjudication 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. Landscape reuse 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 Population refers to any persons as students, customers, residents, employees, institutionalized convicts, members of a congregation, etc. Basically the annual population is an approximate estimation of the amount of people that have consumed water within your system's distribution.

Attached is the additional information requested for our 2018 water use report. Just an FYI these pages were not in the original info you sent us. Thanks for getting these to us ASAP so that we can stay in compliance. If you should need additional info please let us know.

Chano Falcon
Board Pres., CMWSC

-----Original Message-----

From: Nattie Gonzalez <Nattie.Gonzalez@twdb.texas.gov>

To: cjrffalcon@aol.com <cjrffalcon@aol.com>; cindsu281@aol.com <cindsu281@aol.com>

Sent: Tue, Feb 26, 2019 2:03 pm

Subject: Incomplete Survey - Pages 8 of 10 2018_Municipal_Long.pdf

WATER USE SURVEY FOR CALENDAR YEAR 2018

ADDITIONAL INFORMATION REQUIRED

Thank you for returning the 2018 water use survey. Your information is important in measuring how much water Texans need and will need in the future.

In order to consider the survey as Administratively Complete, the additional information in attachment is necessary. The survey will not be considered complete without this information and could result in ineligibility for TWDB financial assistance and state surface water permits.

Please resubmit the survey with the additional required information to the Water Use Survey Team (contact information below).

Thank you for your attention to this matter.



<http://iweb/AGENCY/OA/css/logo-w200px-3c.png>

Nattie Gonzalez

Water Use & Planning Data

1700 N Congress Ave, P.O. Box 13231, Austin, TX 78711

office: 512-936-0887 | f 512-463-8468

nattie.gonzalez@twdb.texas.gov | www.twdb.texas.gov

Water System Information

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

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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. *If you are unable to report for a category, please leave the field blank.*

Retail Customer Category	# of Connections (or Units ³⁵)	Total Retail METERED Water in Gallons
Residential Single Family ³⁶	26	1280880
Residential Multi-Family ³⁷	1	00
Institutional ³⁸		
Commercial ³⁹	1	104420
Industrial* (including Industrial sales listed earlier) ⁴⁰		
Agricultural ⁴¹		
Reuse ⁴²		
TOTAL Retail Metered Connections & Annual Retail Volume (Gallons)	28 0	1,385,300 0

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
4	50000

Please provide any additional comments or remarks below.

I was unable to input the totals on the table above. I tried everything. Below are the totals for each column.

Number of connections (or units) = 28
Total Retail metered water in Gallons = 1,385,300

Just an FYI, these pages were not in the original packet we got so that is why we did not complete them. Thanks for getting these to us so quickly so that we can complete them and stay in compliance.

- 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/DWW/>>
- 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.
- ²¹ If Indirect-reuse water is blended with a surface water source, what is the TCEQ Surface Water Right or Adjudication 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).
- ²⁴ If ground water, please enter the aquifer name; if surface water, enter the river or reservoir name.
- ²⁵ Please enter the Total Volume sold in gallons.
- ²⁶ 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".
- ²⁷ Enter name of each Industrial Customer.
- ²⁸ Where GW is Ground Water, SW is Surface Water, and CS is Combined Source (ground water and surface water).
- ²⁹ If ground water, please enter the aquifer name; if surface water, enter the river or reservoir name.
- ³⁰ Please enter the Total Annual Volume for each sale in gallons.
- ³¹ For Multi-family water customers, please include the number of multi-family connections or units rather than the number of meters. A connection/unit is an apartment or condo within a building or complex. Include active and inactive connections.
- ³² A classification of housing where a single detached dwelling or separate house is a free-standing residential building. Also includes duplexes.
- ³³ 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.
- ³⁴ 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).
- ³⁵ 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.
- ³⁶ 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).
- ³⁷ Any use or activity involving agriculture, including irrigation (Examples: Agriculture, Forestry, Fishing and Hunting). Do not include any reuse sales here.
- ³⁸ 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.