TEXAS WATER DEVELOPMENT BOARD

MUNICIPAL Water Use Survey for End of Calendar Year December 31, 2013

Deadline to return completed survey is **March 1, 2014**, 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 Number[1]**:** _____ **County:** _____

Name of System: _____ **PWS ID**[2]**:** _____

Mailing Address: _____

City/State: _____ **Zip Code:** _____

Contact Name: _____ **Title:** _____

Email Address: _____ **Telephone Number:** _____

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. Do not enter comma separators or decimal points in monthly intakes. *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
Metered or Estimated[4]	_____	_____	_____
Percent of Volume Treated Before Intake[5]	%	%	%
Brackish/Saline[6]	_____	_____	_____

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

SS GW TOTAL 0

Survey Number

System Name

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

Did this system pump surface water under a TCEQ 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 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. Do not enter comma separators or decimal points in monthly intakes. *Total volume automatically calculates.*

SURFACE WATER	Source 1	Source 2	Source 3
Source River or Reservoir Name			
County where diversion took place	_____	_____	_____
TCEQ 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 of Volume Not Returned[11]	%	%	%

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

SS SW TOTAL 0

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. Do not enter comma separators or decimal points in monthly intakes. *Total volume automatically calculates.*

PURCHASED GW/SW	Source 1	Source 2	Source 3
Name of Water Provider			
Type of water[12]	_____	_____	_____
Name of Source[13]			
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

PUR GW/SW TOTAL 0

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 Water Right Number[21]			
TOTAL VOLUME gallons[22]			
% Used for Industrial	%	%	%
% Used for Landscape	%	%	%
% Used for Agriculture	%	%	%
% Used for Other	%	%	%

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

REUSE TOTAL 0

Survey Number

System Name

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	Name of Buyer	Type of Water[23] GW,SW,CS	Name of Source[24]	Source County	TOTAL VOLUME gallons[25]
Sale 1		_____		_____	
Sale 2		_____		_____	
Sale 3		_____		_____	

WHOLESALE TOTAL 0

Water Sales to Industrial Production Facilities[26]

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	Name of Buyer[27]	Type of Water[28] GW,SW,CS	Name of Source[29]	Source County	TOTAL VOLUME gallons[30]
Sale 1		_____		_____	
Sale 2		_____		_____	
Sale 3		_____		_____	

INDUSTRIAL SALE TOTAL 0

Survey Number

System Name

Within which city limit does this system serve?

Direct Retail Connections within Cities

Please list per column the cities in which the system had direct retail (non-wholesale) connections. Include the number of active connections located within each city. If system is connected to more than 4 cities, please include a copy of this page with the additional cities.

CITY	City Name	Number of Connections
City 1		
City 2		
City 3		
City 4		

Within which county 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 connections located within each county. If system is connected to more than 4 counties, please include a copy of this page with the additional counties.

COUNTY	County Name	Number of Connections
County 1	_____	
County 2	_____	
County 3	_____	
County 4	_____	

Survey Number

System Name

Water System Information

What is the estimated total full-time residential population served directly by this system?

Retail Water Metered

For each Customer Category, please provide the 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[31])	Total Retail METERED Water in Gallons
Residential Single Family*[32]		
Residential Multi-Family*[33]		
Institutional*[34]		
Commercial*[35]		
Industrial*(*including Industrial sales listed earlier*)[36]		0
Agricultural*[37]		
Other		
TOTAL Metered Connections and Annual Retail Volume (gal)	0	0

*Identical question in Water Conservation Plans and Water Conservation Annual Reports submitted to TWDB.

Retail Water Unmetered

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

What is the Water Loss volume in gallons for the system? 0

Survey Number

System Name

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 public water supply (PWS) identification 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 out 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) 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; what PERCENT of the diverted volume was not returned to the original source? (This is similar to the volume CONSUMED in the annual Water Right Report to the TCEQ).

[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 Water Right or Adjudication number?
[22] Total annual reuse water volume in gallons.
[23] 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.
[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).