

**REPORT OF GROUND AND SURFACE WATER USE
FOR THE YEAR ENDING DECEMBER 31, 2007**

The Texas Water Development Board (TWDB) is legislatively directed to plan for and to assist financially in the development and management of Texas' water resources. It is necessary for the Board to annually assemble and maintain accurate information concerning the current use of water. This includes water which is self-supplied from groundwater sources (wells), surface water sources (lake, rivers, streams), or is purchased from a supplier such as a city, district, water supply corporation, private water company, or industry. For this purpose, the enclosed survey form for **calendar year 2007** requests water use data from each supply source separately (self-supplied or purchased) and related information.

Your contribution to this survey is very important in determining both current and future water needs for your local area. The purchased and/or self-supplied water use and related information which you provide will be combined with similar information reported by other water users and used to determine present water use and adequacy of supplies in your entire area. These data will provide an important source of information in helping guide water supply studies and planning. The usefulness of the Board's water planning activities are dependent upon the accuracy and completeness of the information water users provide. We feel this is an important effort due to the limited water supplies and facilities in some areas, and continuing population growth.

The Municipal and Industrial Surveys are two documents; a Survey Questionnaire and Survey Answer Sheet. The separate documents help in clarifying the types of information requested in the Survey. Also, some end-use municipal facilities (such as mobile home parks, schools, golf courses, and prisons) and small industrial facilities now receive a shorter version of the Municipal or Industrial Survey to reflect their limited water use.

Please complete sections on the Survey Answer Sheet applicable to your operation and return in the enclosed self-addressed envelope. You can also complete the Survey online at **www.twdb.state.tx.us/wus**.

House Bill 1378, approved by the 78th Texas Legislature in Spring 2003, amends Section 16.012(m) of the Texas Water code. Recipients of the TWDB's Survey of Ground and Surface Water Use are required to submit a completed survey. The pertinent changes to the Texas Water Code and TWDB agency rules (31 TAC 358) are shown below.

Mr. Craig Caldwell, Ms. Thelma Dufort, or Ms. Nattie Gonzalez of the Water Uses Unit will be glad to assist you at the mailing address below, by telephone at 512-463-7952 (fax: 512-936-0889), or by e-mail at waterusesurvey@twdb.state.tx.us. We invite you to visit the TWDB Web site: www.twdb.state.tx.us/wus.

Thank you for your cooperation and assistance.

Enclosures

Texas Water Development Board
Water Uses Unit
P.O. Box 13231, Capitol Station
Austin, Texas 78711-3231

Texas Water Code, Chapter 16, Provisions Generally Applicable To Water Development

§ 16.012. Studies, Investigations, Surveys

(m) The executive administrator may conduct surveys of entities using groundwater and surface water for municipal, industrial, power generation, or mining purposes at intervals determined appropriate by the executive administrator to gather data to be used for long-term water supply planning. Recipients of the survey shall complete and return the survey to the executive administrator. A person who fails to timely complete and return the survey is not eligible for funding from the board for board programs and is ineligible to obtain permits, permit amendments, or permit renewals from the commission under Chapter 11. A person who fails to complete and return the survey commits an offense that is punishable as a Class C misdemeanor. This subsection does not apply to survey information regarding windmills used for domestic and livestock use.

31 TAC §358. TWDB Administrative Rule

Subchapter B. Data Collection

§358.5. Groundwater and Surface Water Use Surveys. The executive administrator shall conduct surveys at least annually of persons and/or entities using groundwater and surface water for municipal, industrial, power generation, or mining purposes to gather data to be used for long-term water supply planning. The survey instrument will identify which responses are required and which are optional. The executive administrator will send the surveys to the appropriate recipients by first-class mail, electronic mail, or both. Recipients shall return the survey to the executive administrator within 60 days of the postmark date or electronic mail sent date. Surveys may be returned to the executive administrator electronically. The executive administrator shall determine if the survey is administratively complete. A survey is administratively complete if all required responses are provided. Incomplete surveys will be returned to the recipient, who will have 60 days from the new postmark date or electronic mail sent date to complete the items found deficient and return the survey to the executive administrator. A person or entity that fails to return their survey within 60 days or correct a survey that is not administratively complete within 60 days is ineligible for funding from board programs. Ineligibility will remain until the incomplete survey instruments are submitted to the executive administrator and determined to be administratively complete. Further, a person who fails to complete and return the survey commits an offense that is punishable as a Class C misdemeanor, pursuant to Texas Water Code §16.012(m).

TEXAS WATER DEVELOPMENT BOARD

Industrial Water Use Survey For The Calendar Year Ending December 31, 2007 Questionnaire - Small Facilities

Instructions For Completing The Water Use Survey

Thank you for completing the Texas Water Development Board's Water Use Survey.

Please record all answers on the included **Answer Sheet**, and check and correct your mailing address at the top. The TWDB Code No. is the account number that goes with a particular surveyee named in the mailing address. The EIN No. is a security code if using the TWDB Online Water Use Survey.

Water intake data should be obtained from system intake meter readings, diversion and pumpage records, or from supplier records. Volumes can be estimated if accurate records are not available. Volumes should be reported in gallons, and reported by month unless only a yearly total is available.

Self-supplied water is water that is available to the system by right, ownership or permit. Self-supplied groundwater (SG) includes water wells that are owned or leased by the system. Groundwater from multiple wells drawing from the same aquifer need only be reported as a single source with the total pumpage. Self-supplied surface water (SS) is water available to the system through a TCEQ water right. All water diverted from the same river or reservoir can be considered as from a single source and reported as a total regardless of the number of water rights. If water owned under a water right is diverted, conveyed and/or treated prior to intake into your system, please consider this water self-supplied and note the conveying system.

Water purchased (treated or raw) from a separate water utility or industrial firm is considered a source. The name of the supplying utility or facility is the source name. If water is purchased from several suppliers, report the volumes for each individually. If you divert surface water owned by another system for use in your system, this should be considered purchased surface water (PS). Purchased water is either groundwater (PG) or surface water (PS). If you are unsure about the composition, you may report it as groundwater or surface water and name the supplier as the source. Water taken from an aquifer storage operation (ASR) should be categorized by where the water was originally drawn from (surface or ground).

Attach extra paper if necessary to report all water use by source separately. Please do not combine water received from different sources.

Complete other parts of the survey only if the section or question applies to your system or facility. If you operate other systems or facilities which are not currently being surveyed, please let us know.

You can retrieve a Microsoft Excel version of the Water Use Survey Answer Sheet at www.twdb.state.tx.us/wus. A multi-facility version of the Answer Sheet is also available from TWDB upon request. The Water Use Survey can be completed online at www.twdb.state.tx.us/wus. Use the TWDB Code and EIN numbers at the top of the Answer Sheet.

The Texas Water Development Board has a computer database of water use records by source of water for entities in Texas going back to 1955 in some cases. Municipal entities include cities, water districts, water supply corporations, private water companies, trailer parks, military bases, and institutions such as schools, prisons, parks and golf courses. Industrial entities are facilities which use water as part of their production processes. This information is maintained only for the purpose of studying current water use, planning for future water use needs, and determining future water supplies. We are happy to provide information.

Questions may be directed to Craig Caldwell, Thelma Dufort, or Nattie Gonzalez, at 512-463-7952 (fax: 512-936-0889 / email: waterusesurvey@twdb.state.tx.us). Our website and Online Water Use Survey is at www.twdb.state.tx.us/wus

Please place answers on the Answer Sheet

A. GROUNDWATER INTAKE

Please answer the following questions if you used groundwater for this system (including groundwater purchased from others). If water wells are OWNED, OPERATED, or LEASED for use in this system, please complete the following questions (A1 – A5), if not, skip to A6.

- A1. How many active water wells are used by your system?**
- A2. How many water wells are inactive (but operable)?**
- A3. In what county(ies) are the wells located?**
- A4. From which aquifer(s) do the wells pump?**
- A5. If the groundwater from this source was SELF-SUPPLIED, please indicate "SG". If the groundwater from this source was PURCHASED from a system, please indicate "PG".**
- A6. If the groundwater from this source was PURCHASED from a system, please name the supplier(s).**
 - If you purchased groundwater from several suppliers, please provide **separate** volumes for each. Self-supplied groundwater intake is the total quantity produced from wells owned, operated or leased, and can be considered a single source.
 - Please use additional paper if necessary.
- A7. Please provide monthly and annual groundwater intake by source, in gallons.**
 - The "intake" amount is the quantity pumped (if self-supplied) or the amount entering the facility at the treatment plant (if purchased).
- A8. How much of the annual volume (percent) was treated for each source?**

- A9. Is this amount metered [M] or estimated [E]? Please indicate.
 A10. What is your annual total SELF-SUPPLIED groundwater intake in gallons?
 A11. What is your annual total PURCHASED groundwater intake in gallons?

B. SURFACE WATER INTAKE

Please answer the following questions if you used surface water for this facility (including surface water purchased from others).

- B1. If the surface water from this source was SELF-SUPPLIED, please indicate "SS". If the surface water from this source was PURCHASED from a system, please indicate "PS".
- B2. If the surface water source was SELF-SUPPLIED, under an owned water right, please name the stream, river, pond, lake and/or a reservoir used? If the surface water source was PURCHASED from a system, please name the supplier(s).
 •Self-supplied surface water consists of water included in a TCEQ-issued water right.
 •Purchased surface water should be reported as separate volumes for each selling entity.
 •Self-supplied water should be reported as separate volumes if diversions are from multiple sources (lakes, rivers, etc.)
- B3. If the surface water source was SELF-SUPPLIED, under an owned water right, please list the corresponding TCEQ Water Right Number(s)?
- B4. If the source was SELF-SUPPLIED (under an owned water right) but was CONVEYED by a system, please list the conveying system.
 •If the facility has a Water Right and the water is conveyed by another system, the water should still be considered Self-Supplied. If conveyance loss occurred previous to your facility's point of intake, please make note of this in the comment section (F1).
- B5. From what county(ies) was the surface water diverted?
- B6. Please provide monthly and annual surface water intake by source, in gallons.
 •The "intake" amount is the amount entering the facility (usually at a treatment plant). If self-supplied water is conveyed by a system, this intake amount may be different than the diverted amount.
- B7. How much of the annual volume (percent) was treated for each source?
 •If you buy, divert, or have conveyed to you untreated (raw) surface water, then please mark 0%.
- B8. Is this amount metered [M] or estimated [E]? Please indicate.
- B9. What is your annual total SELF-SUPPLIED surface water intake in gallons?
- B10. What is your annual total PURCHASED surface water intake in gallons?

C. ADDITIONAL INFORMATION

- C1. What is your Major Standard Industrial Classification (SIC) Code (or major products manufactured)?
- C2. What is your North American Industrial Classification System (NAICS) Code?
 (www.census.gov/epcd/www/naics.html)
- C3. What is the total number of employees at this facility?
- C4. What is the total number of employees directly involved in production at this facility?
- C5. Was electric power generated at this facility (for in plant use or sale)?
- C6. Please indicate the type(s) of wastewater disposal system(s) used at this facility;
 (1) Onsite wastewater plant;
 (2) Septic tank(s);
 (3) Injection well(s);
 (4) City or Regional.
- C7. If a City or Regional facility disposed of your wastewater, please list them.

D. COMMENTS AND CONTACT INFORMATION

- D1. Please make any additional comments you feel will assist us in understanding your present and future water needs and water problems.

Please provide contact information for the person filling out the Water Use Survey:

- D2. Name
 D3. Title
 D4. Phone
 D5. Email address
 D6. General email address
 D7. Date
 D8. Latitude of facility (in decimal degrees)
 D9. Longitude of facility (in decimal degrees)

TEXAS WATER DEVELOPMENT BOARD

**Industrial Water Use Survey For The Calendar Year Ending December 31, 2007
Answer Sheet - Small Facilities**

Please correct your address information.

A. GROUNDWATER INTAKE

| | |
|-----------------------|--|
| A1. Active Wells | |
| A2. Inactive/Operable | |
| A3. Counties/Wells | |
| A4. Aquifer(s) | |

| A5. Source Type | Source 1 | Source 2 | Source 3 | Source 4 |
|-----------------------|----------|----------|----------|----------|
| | SG or PG | SG or PG | SG or PG | SG or PG |
| A6. Supplier | | | | |
| A7. Jan | gal. | gal. | gal. | gal. |
| Feb | gal. | gal. | gal. | gal. |
| Mar | gal. | gal. | gal. | gal. |
| Apr | gal. | gal. | gal. | gal. |
| May | gal. | gal. | gal. | gal. |
| June | gal. | gal. | gal. | gal. |
| July | gal. | gal. | gal. | gal. |
| Aug | gal. | gal. | gal. | gal. |
| Sep | gal. | gal. | gal. | gal. |
| Oct | gal. | gal. | gal. | gal. |
| Nov | gal. | gal. | gal. | gal. |
| Dec | gal. | gal. | gal. | gal. |
| Total | gal. | gal. | gal. | gal. |
| A8. % Treated | % | % | % | % |
| A9. Metered/Estimated | M or E | M or E | M or E | M or E |

| | | |
|---------------|--|---------|
| A10. SG Total | | gallons |
| A11. PG Total | | gallons |

B. SURFACE WATER INTAKE

| | Source 1 | Source 2 | Source 3 | Source 4 |
|-----------------------|----------|----------|----------|----------|
| B1. Source Type | SS or PS | SS or PS | SS or PS | SS or PS |
| B2. Supplier/Source | | | | |
| B3. TCEQ WR # | | | | |
| B4. Conveyed | | | | |
| B5. County(ies) | | | | |
| B6. Jan | gal. | gal. | gal. | gal. |
| Feb | gal. | gal. | gal. | gal. |
| Mar | gal. | gal. | gal. | gal. |
| Apr | gal. | gal. | gal. | gal. |
| May | gal. | gal. | gal. | gal. |
| Jun | gal. | gal. | gal. | gal. |
| Jul | gal. | gal. | gal. | gal. |
| Aug | gal. | gal. | gal. | gal. |
| Sep | gal. | gal. | gal. | gal. |
| Oct | gal. | gal. | gal. | gal. |
| Nov | gal. | gal. | gal. | gal. |
| Dec | gal. | gal. | gal. | gal. |
| Total | gal. | gal. | gal. | gal. |
| B7. % Treated | % | % | % | % |
| B8. Metered/Estimated | M or E | M or E | M or E | M or E |

B9. SS Total _____ gallons
 B10. PS Total _____ gallons

C. ADDITIONAL INFORMATION

| | | |
|----------------------------------|--------|----------|
| C1. SIC Code | | 4 digits |
| C2. NAICS Code | | 6 digits |
| C3. Total Employees | | |
| C4. Production Empl. | | |
| C5. Power Generated | Y or N | |
| C6. Wastewater Disposal Type(s): | | |
| (1) Onsite wastewater plant | Y or N | |
| (2) Septic tank(s) | Y or N | |
| (3) Injection well(s) | Y or N | |
| (4) City or Regional | Y or N | |
| C7. City or Regional Disposal | | |

D. COMMENTS AND CONTACT INFORMATION

| | | |
|------------------------|-------|-----------------|
| D1. Comments | _____ | |
| | _____ | |
| | _____ | |
| D2. Name | _____ | |
| D3. Title | _____ | |
| D4. Phone | _____ | |
| D5. Email Address | _____ | |
| D6. General Email | _____ | |
| D7. Date | _____ | |
| D8. Facility Latitude | | decimal degrees |
| D9. Facility Longitude | | decimal degrees |