



DEPARTMENT OF ENVIRONMENT AND CONSERVATION  
DIVISION OF WATER SUPPLY  
6<sup>th</sup> Floor L & C Tower, 401 Church Street  
Nashville, Tennessee 37243-1539  
(615) 532-0191

**WATER WITHDRAWAL REGISTRATION**

In accordance with the provisions of Tennessee Code Annotated Section 69-7-301 et seq., the Water Resources Information Act; this registration is required for anyone withdrawing an average of 10,000 gallons or more of water per day.

**See attached instructions.**

**PART A. FACILITY & CONTACT INFORMATION**

1. Withdrawal Registration No.: \_\_\_\_\_ (For Official Use Only)
2. Water User: \_\_\_\_\_ Type: \_\_\_\_\_  
Mailing Address: \_\_\_\_\_  
City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_
3. Location (if different from mailing address): \_\_\_\_\_  
Street Address: \_\_\_\_\_  
City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_
4. Number of employees at location: \_\_\_\_\_
5. Indicate the contact individual for water withdrawal information:  
Name: \_\_\_\_\_ Title: \_\_\_\_\_  
e-mail: \_\_\_\_\_ Phone: \_\_\_\_\_ Fax: \_\_\_\_\_

**PART B. WATER USE REPORTING PERIOD**

6. Year: \_\_\_\_\_
7. (Check One): \_\_\_\_\_ New Operation \_\_\_\_\_ Renewal
8. List any water problems you have experienced in the last reporting period: \_\_\_\_\_  
\_\_\_\_\_
9. Classification of Water Use (Use all that Apply) and Percentage of Total use:  
\_\_\_\_\_% a) Domestic water use (drinking, human consumption and general sanitation uses)  
\_\_\_\_\_% b) Institutional or other general uses (lawn watering, laundry)  
\_\_\_\_\_% c) Irrigation of crops, pastures and nursery stock  
\_\_\_\_\_% d) livestock watering (includes feed lots, dairy sanitation and fish farming)  
\_\_\_\_\_% e) navigation (lock usage and flow augmentation for navigation)  
\_\_\_\_\_% f) thermoelectric power production, including cooling purposes (excludes hydroelectric)  
\_\_\_\_\_% g) recreational use, park use, golf course irrigation, water park use  
\_\_\_\_\_% h) industrial uses include manufacturing, food processing, washing, and cooling  
\_\_\_\_\_% i) hydroelectric power generation (provided none of it is used consumptively)  
\_\_\_\_\_% j) mining (milling or where water is used to wash or process an ore)  
\_\_\_\_\_% k) dewatering (mining, quarry rock production, other operations where water is withdrawn)  
\_\_\_\_\_% l) any other use not defined above. Describe: \_\_\_\_\_  
**100 % Total (Must equal 100%)**

**WATER WITHDRAWAL INFORMATION**

Year: \_\_\_\_\_ Water Withdrawal Registration Number (From Part A, Line 1): \_\_\_\_\_

Company Name: \_\_\_\_\_  
*Copy this page and submit a completed page for each withdrawal or discharge site. See attached instructions.*

**Part C. Water Withdrawals**

**Part D. Water Discharge (if applicable)**

Source Point ID Number: \_\_\_\_\_

Discharge Point ID Number: \_\_\_\_\_

Source Point Name: \_\_\_\_\_

Discharge Point Name: \_\_\_\_\_

Source Type: (G, S, or P): \_\_\_\_\_

NPDES Permit No.: \_\_\_\_\_

County: \_\_\_\_\_

County: \_\_\_\_\_

River Mile: \_\_\_\_\_

River Mile: \_\_\_\_\_

Latitude: \_\_\_\_\_

Latitude: \_\_\_\_\_

Longitude: \_\_\_\_\_

Longitude: \_\_\_\_\_

Datum (NAD 27 or NAD 83): \_\_\_\_\_

Datum: NAD 27 or 83: \_\_\_\_\_

Map on file or attached: \_\_\_\_\_

Map on file or attached: \_\_\_\_\_

Method of Measure (A, B, C, D, or E): \_\_\_\_\_

Method of Measure (A, B, C, D, or E): \_\_\_\_\_

JAN Total Withdrawals: \_\_\_\_\_ MG

JAN Total Discharge: \_\_\_\_\_ MG

FEB Total Withdrawals: \_\_\_\_\_ MG

FEB Total Discharge: \_\_\_\_\_ MG

MAR Total Withdrawals: \_\_\_\_\_ MG

MAR Total Discharge: \_\_\_\_\_ MG

APR Total Withdrawals: \_\_\_\_\_ MG

APR Total Discharge: \_\_\_\_\_ MG

MAY Total Withdrawals: \_\_\_\_\_ MG

MAY Total Discharge: \_\_\_\_\_ MG

JUNE Total Withdrawals: \_\_\_\_\_ MG

JUNE Total Discharge: \_\_\_\_\_ MG

JULY Total Withdrawals: \_\_\_\_\_ MG

JULY Total Discharge: \_\_\_\_\_ MG

AUG Total Withdrawals: \_\_\_\_\_ MG

AUG Total Discharge: \_\_\_\_\_ MG

SEPT Total Withdrawals: \_\_\_\_\_ MG

SEPT Total Discharge: \_\_\_\_\_ MG

OCT Total Withdrawals: \_\_\_\_\_ MG

OCT Total Discharge: \_\_\_\_\_ MG

NOV Total Withdrawals: \_\_\_\_\_ MG

NOV Total Discharge: \_\_\_\_\_ MG

DEC Total Withdrawals: \_\_\_\_\_ MG

DEC Total Discharge: \_\_\_\_\_ MG

10. Total Annual Withdrawals: \_\_\_\_\_ MG

17. Total Annual Discharges: \_\_\_\_\_ MG

11. Total # Days Water Withdrawn in Year: \_\_\_\_\_

12. Grand Total Water Withdrawals: \_\_\_\_\_ MG

18. Grand Total Discharges: \_\_\_\_\_ MG

13. Grand Total # Days Water Withdrawn in Year: \_\_\_\_\_

14. Average Daily Water Withdrawals: \_\_\_\_\_ MGD

15. Maximum Day Water Withdrawal: \_\_\_\_\_ MG

16. Month of Maximum Day Water Withdrawal: \_\_\_\_\_

**Part E. Signature**

*I hereby certify that the information on this form is accurate and complete to the best of my knowledge.*

Date: \_\_\_\_\_

19. Print Name: \_\_\_\_\_ Title: \_\_\_\_\_

20. Signature: \_\_\_\_\_

## WATER WITHDRAWAL REGISTRATION

The Tennessee Department of Environment and Conservation (TDEC), Division of Water Supply (DWS) under the Water Resources Information Act of 2002 (T.C.A. §§ 69-7-301 et seq.) maintains a water withdrawal registration in order to better protect the water resources of the State. The registration of water withdrawals applies to all persons withdrawing water from either a surface water or ground water source if the average withdrawal meets or exceeds 10,000 gallons a day for any purpose, except those excluded by the Act. Uses specifically excluded include water used for agriculture, nonrecurring withdrawals of water, and water withdrawn for an emergency use. Also, water purchased from a utility or an industry is not required to be reported. All entities withdrawing water, whether required or excluded by the Water Resources Information Act of 2002, are encouraged to submit an annual Water Withdrawal Registration to the TN Division of Water Supply so that accurate documentation of water use is available for present and future Tennessee water resource studies.

### INSTRUCTIONS:

The registration of a withdrawal is done annually. Data reported should be based on a calendar year and reported by February 15 of the next year. To determine if the volume of water withdrawn meets the requirement of an average withdrawal of 10,000 gallons per day, divide the total amount of water withdrawn (line 12) by the number of days (line 13) that water is withdrawn. A "New Operation" may not have any historical data on which to base its withdrawal data. Estimate or indicate the amount of water anticipated to be withdrawn. If this is a renewal, report the amount withdrawn during the past year in Part C.

### Part A. Facility & Contact Information

1. The Withdrawal Registration No. is assigned by the Division of Water Supply (DWS). Report all annual water withdrawals using your assigned Withdrawal Registration Number. Leave blank for new operations.
2. through 5. Complete the facility and main contact information. Select type of water users (**industrial, irrigation, mining, or thermal plant**).

### Part B. Water Use Reporting Period

6. Indicate the calendar year the water was withdrawn.
7. Check "New Operation" or "Renewal" water withdrawal registration.
8. List any water problems encountered during the year (supply, quality, flooding, turbidity).
9. Indicate the percent of water used for any of the **12 water use classifications** applicable to your company during the year: **a)** domestic water use includes all water withdrawn by utility districts, municipal public water systems, subdivisions, prisons, colleges, and most small commercial establishments where water is used for drinking, human consumption and general sanitation, **b)** institutional or other general uses (lawn watering, laundry), **c)** irrigation of crops and nursery stock, **d)** livestock watering (includes feed lots, dairy sanitation and fish farming) **e)** navigation (lock usage and flow augmentation for navigation), **f)** thermoelectric power production, including cooling purposes (excludes hydroelectric), **g)** recreational use, park use, golf course irrigation, and water park use, **h)** industrial uses include manufacturing processing, washing, and cooling, including food processing, but excluding mining related uses, **i)** hydroelectric power generation (provided none of it is used consumptively), **j)** mining (milling or where water is used to wash or process an ore), **k)** dewatering (mining, quarry rock production, and other operations where water is withdrawn in order to conduct another activity), and **l)** any other use not defined above.

**Total of lines 9(a) through 9(l) must equal 100.**

### Part C. Water Withdrawal Information

Enter the year of withdrawals. Enter the Water Withdrawal Registration Number from page 1, line 1. Identify the source point I.D. number (e.g., 001, 002, 003) and source point name commonly used to refer to the source, i.e. Smith Spring, Big Creek intake, Collier Road Well. Withdrawals made from multiple wells that are measured at an entry point may be reported as a single total and described as a well field, e.g. Thomson Well Field. If there are several source points, each metered separately, please report the withdrawal of each source point on a separate page.

Indicate if water is from Ground (G), Surface (S), or Purchased (P) source.

Enter the County, River Mile, Latitude and Longitude for each source point. It is important that **location information** be as accurate as possible. A GPS unit may be used to give the latitude and longitude in decimal

format. If you do not know the latitude and longitude of the intake, use river mile or attach a topographic map with the withdrawal point location(s) marked with a • and label the mark according to Well, Stream or Spring ID used in this registration. Mark discharge point(s) with an X. Latitude longitude may be expressed in degrees, minutes and seconds or in decimal degrees. All USGS topographic maps are set up in degrees, minutes and seconds. USGS maps are referenced to either the North American Datum of 1927 (NAD 27) or 1983 (NAD 83). Most USGS maps are prepared in NAD 27. Newer maps are based on NAD 83. NAD information is listed in the lower left hand corner of the 7.5 minute U.S. Geological Survey topographic map. Check the appropriate NAD datum. Indicate if a map is already on file with DWS or attached. **A map is not required if you provided latitude and longitude, river mile or previously submitted a map.**

**Enter the Method of Measurement (A, B, C, D, or E)** to indicate how the volume of water withdrawn is determined (A=flow meter, B=calculated using pump capacity and duration, C=capacity of vessel, D=electronic flow measurement, or E=other). If you select E, explain method of measurement.

**Enter the Monthly Withdrawal totals January through December in Million Gallons (MG)**

10. Enter the total annual withdrawal for this source point (Sum of January – December withdrawals) in MG
11. Enter the total number of days water was withdrawn during the year.
12. Enter the Grand Total of water withdrawal from all source points in MG.
13. Enter the Grand Total number of days water was withdrawn during the year for ALL sources.
14. Divide the Grand Total volume of water withdrawn for the year (**line 12**) by the Grand Total number of days water was withdrawn (**Line 13**). This is the average water withdrawal in million gallons per day. (e.g., 623,000 gallons would be expressed as 0.623 MG and 3,500,000 gallons would be expressed as 3.5 MG).
15. Enter the Maximum Day Withdrawal in MG (most water withdrawn in one day).
16. Enter the month during which the Maximum Day Withdrawal occurred.

**Part D. Water Discharge**

It is very important to indicate the **point(s) of return** and **total discharge**. The return information is extremely helpful in identifying potential conflicts. Report water that is discharged to a stream, lake, well, spray, public sewer system, septic tank, field tile. Do not report water that is consumed in an operation e.g. irrigation of a golf course.

Indicate the discharge point ID number (e.g., 001, 002, 003), discharge site name. As in water withdrawals, discharge points in close proximity may be identified as a discharge field. If there are several discharge points, each metered separately, please report the volume of each discharge point individually.

Enter the NPDS permit #, County, River Mile, Latitude, and Longitude.

Indicate if a map is already on file with DWS or if one is submitted.

Enter the method of Measure (A, B, C, D, or E). (See withdrawals for definitions.)

**Enter the Monthly Discharge totals January through December in Million Gallons (MG)**

17. Enter the total annual discharges for this source point (Sum of January – December discharges) in MG
18. Enter the Grand Total of water discharges from all source points in MG. The total volume discharged (in million gallons) may be based on a measured volume of discharge at point of return or estimated.

**Part E. Signature**

19. Print your name and title of your job position
20. Sign and mail the Water Registration to:

**Division of Water Supply  
TN Department of Environment and Conservation  
6<sup>th</sup> Floor L&C Tower, 401 Church St.  
Nashville, TN 37243-1549**

**Annual Water Withdrawal Registration Forms are due to the Division of Water Supply by February 15.**

**For assistance or questions on completing the “Water Withdrawal Registration” form, contact the Division of Water Supply at 615-532-0191 or fax 615-532-0503.**