



North Carolina Department of Environment and Natural Resources  
Division of Water Resources

# WATER WITHDRAWAL AND TRANSFER REGISTRATION INFORMATION SHEET

## What is the law?

North Carolina General Statute [G.S. 143-215.22H] requires water users who meet conditions set forth by the general assembly to register their water withdrawals and surface water transfers and to update those registrations at least every five years.

## Who is required to register?

- Any non-agricultural water user who withdraws 100,000 gallons or more in any one day of ground water or surface water or who transfers 100,000 gallons or more in any one day of surface water from one river basin to another river basin.
- Any agricultural water user who withdraws 1,000,000 gallons or more in any one day of ground water or surface water or who transfers 1,000,000 gallons or more in any one day of surface water from one river basin to another river basin.

## Is registration of water withdrawals under GS 143-215.22H waived for any particular water users?

Yes, the following users are exempt from registration:

- Units of local government that have submitted and periodically update a Local Water Supply Plan.
- Water users in the Central Coastal Plain Capacity Use Area that register their water use under the Capacity Use Area Rules or who have a water use permit. To learn more about Central Coastal Plain Capacity Use Area rules, please visit the following website:

[http://www.ncwater.org/Permits\\_and\\_Registration/Capacity\\_Use/Central\\_Coastal\\_Plain/](http://www.ncwater.org/Permits_and_Registration/Capacity_Use/Central_Coastal_Plain/)

- Owners of dams that discharge water at the toe of the dam; however, if water is diverted off-stream and discharged downstream of the dam, it is considered a water withdrawal and must be registered if the amount of water diverted exceeds the limits specified above.

## If I own multiple facilities, do I need to register each one separately?

Yes, if you meet the water withdrawal and transfer criteria a separate form is required for each facility owned.

## What is the due date for registering withdrawals and transfers?

New withdrawals and transfers must be registered within two months of the initiation of the withdrawal or transfer.

## What is the due date for updating an existing registration?

Registrations must be updated at five-year intervals from the initial registration. Registration updates are due by April 1 of each year for the period of January 1<sup>st</sup> – December 31<sup>st</sup> of the prior year. *(Example: A registration update for calendar year 2008 would be due by April 1, 2009)*

## Is there a fee to register?

There is a one time \$50.00 registration fee for non-agricultural water users registering for the first time. Agricultural water users are exempt from paying this fee. Previously registered water users updating their registrations are also exempt from this fee.

**Is there a fee for not registering a withdrawal?**

Any person who is required to register a water withdrawal or transfer under section G.S. 143-215.3(a)(1a) and G.S. 143-215.3(a)(1b) and fails to do so shall pay a civil penalty of one hundred dollars (\$100.00).

**Is there a fee for registering after the required deadline?**

A person who is required to update a registration under this section and fails to do so shall pay a civil penalty of fifty dollars (\$50.00). Civil penalties apply to registrations of new withdrawals and updates of existing registrations that are not received by the deadline.

**Who do I make checks payable to?**

All checks are payable to: NC DENR-Division of Water Resources. Checks can be mailed to: Water Withdrawal Registration, NC Division of Water Resources, 1611 Mail Service Center, Raleigh, NC 27699-1611.

**I'm not sure if I'm registered, how can I find that information?**

If you have previously registered with the Division of Water Resources, your facility's registration information can be found using the Search. If you are unable to locate your facility from the Search, contact the Division of Water Resources for further assistance.

**Why is it important that I register my withdrawals?**

- Water supply planning and management require an understanding of both the available water resources and the demands being placed on those resources. Registration information is used to develop a more complete understanding of total water use and availability in North Carolina. Registration data will also be incorporated into the North Carolina State Water Supply Plan.
- By registering water withdrawals every five years, water users establish a record of the amount of water they need for future resource management.



# WATER WITHDRAWAL AND TRANSFER REGISTRATION

Water Use Information for January 1<sup>st</sup> – December 31<sup>st</sup>, 2008

NCDENR  
Division of Water Resources  
1611 Mail Service Center  
Raleigh, NC 27699-1611  
Tel: (919) 733-4064  
Web: <http://www.ncwater.org>

## SECTION 1: FACILITY INFORMATION

1-A. Facility Name: _____	<b>For Office Use Only</b>
1-B. Owner Name: _____	Registration #:
1-C. Address: _____	
City: _____	State: _____ Zip Code: _____
1-D. County: _____	1-E. River Sub-Basin: _____
1-F. Contact Person: _____	1-G. Title: _____
1-H. Telephone: (_____) _____	
1-I. Email: _____	

## SECTION 2: WITHDRAWAL INFORMATION

2-A. Type of Water Use(s):     Public Water Supply (PWSID: \_\_\_\_\_ )  
                                            Industrial (NAICS / SIC Code: \_\_\_\_\_ )  
                                            Hydroelectric Power     Thermal Electric Power     Golf Course     Mining  
                                            Non-Agricultural Irrigation     Agricultural Irrigation  
                                            Aquaculture     Livestock                    Other: \_\_\_\_\_

**Note to Irrigation Water Users: Please use the Irrigation Worksheet to help you determine the values to report in Table 2-B.**

2-B. Average daily withdrawal and maximum day withdrawal by month in million gallons per day (MGD):

Month	# of Days Used	Average Daily Withdrawal (MGD)	Maximum Day Withdrawal (MGD)	Month	# of Days Used	Average Daily Withdrawal (MGD)	Maximum Day Withdrawal (MGD)
Jan				July			
Feb				Aug			
Mar				Sep			
Apr				Oct			
May				Nov			
Jun				Dec			

2-C. Ground Water Information - Please complete one row for each ground water withdrawal source.

Well or Sump Identifier	Latitude (35.123456)	Longitude (-77.123456)	Well Depth (Feet)	Pump Intake Depth (Feet)	Screen Depth		Well Diameter (Inches)	Average Daily Withdrawal (MGD)	# of Days Used	Pumping Capacity (MGD)
					Top (Feet)	Bot (Feet)				

2-D. Surface Water Information - Please complete one row for each surface water withdrawal source.

Source Identifier	* Source Type	Latitude (35.123456)	Longitude (-77.123456)	Average Daily Withdrawal (MGD)	# of Days Used	River Sub-Basin	Pumping Capacity (MGD)

\* Source Type - Choose one of the following: Lake, Pond, Quarry, Reservoir, River, Stream, or Other.

**SECTION 3: DISCHARGE INFORMATION**

3-A. Enter the average daily and maximum day amount of water discharged for each month in million gallons per day (MGD).

Month	# of Days Discharged	Average Daily Discharge (MGD)	Maximum Day Discharge (MGD)	Month	# of Days Discharged	Average Daily Discharge (MGD)	Maximum Day Discharge (MGD)
Jan				July			
Feb				Aug			
Mar				Sep			
Apr				Oct			
May				Nov			
Jun				Dec			

3-B. Please complete one row for each discharge method.

Identifier or Permit Number	* Discharge Type	Latitude (35.123456)	Longitude (-77.123456)	Average Daily Discharge (MGD)	# of Days Used	River Sub-Basin	Permitted Capacity (MGD)

\* Discharge Type - Choose one of the following: Discharge, Hydropower, Land Application, Subsurface, To Another System, or Other.

**SECTION 4: SURFACE WATER BASIN TRANSFER**

**Complete this section only if you withdraw or purchase water that is not returned to the sub-basin from which it was withdrawn.**

4-A. Please complete one row for each transfer of surface water from one sub-basin to another.

Description of Transfer	Source River Sub-Basin	Receiving River Sub-Basin	Daily Transfer Capacity (MGD)

4-B. Enter the average daily and maximum day surface water transfer amount for each month in million gallons per day (MGD):

Month	# of Days Transferred	Average Daily Transfer (MGD)	Maximum Day Transfer (MGD)	Month	# of Days Transferred	Average Daily Transfer (MGD)	Maximum Day Transfer (MGD)
Jan				July			
Feb				Aug			
Mar				Sep			
Apr				Oct			
May				Nov			
Jun				Dec			

**If the latitude and longitude of any water withdrawal or discharge location listed above are unknown, please submit a map clearly marking and labeling all water withdrawal and discharge locations on a US Geological Survey topographic map or other comparable map.**

Do you have any comments? \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

PRINT or TYPE Name of Person Registering

Signature

Date

# OPTIONAL IRRIGATION WORKSHEET

If necessary, use this worksheet to help determine the values to report for average daily withdrawal by month for irrigation use. After completing the worksheet, transfer the values in the shaded columns to the corresponding spaces provided in Table 2-B (Page 1) of the water withdrawal and transfer registration form.

**Please note:** This irrigation worksheet is provided to offer a standard method for conversion of inches per day to million gallons per day. If your irrigation system uses sprinkler heads with alternating timers or other more complex output schedules, you may need to adjust the average use accordingly.

Month	How many days did you irrigate in each month?	On average, how many acres per day were irrigated?	On average, how many inches of water were applied per day?	Average Daily Withdrawal (MGD)	What was the maximum acreage irrigated for any one day?	How many inches of water were applied to this acreage?	Maximum Day Withdrawal (MGD)
Jan							
Feb							
Mar							
Apr							
May							
Jun							
Jul							
Aug							
Sep							
Oct							
Nov							
Dec							

**Example:**

Month	How many days did you irrigate in each month?	On average, how many acres per day were irrigated?	On average, how many inches of water were applied per day?	Average Daily Withdrawal (MGD)	What was the maximum acreage irrigated for any one day?	How many inches of water were applied to this acreage?	Maximum Day Withdrawal (MGD)
Jun	30	50	1.0	1.358	55	1.5	2.240
Jul	31	42	0.5	0.570	50	1.0	1.358
Aug	25	45	1.0	1.222	50	1.5	2.037

$$\frac{(27,154) * (45) * (1.0)}{1,000,000} = \text{Average Daily Withdrawal} \quad \frac{(27,154) * (50) * (1.5)}{1,000,000} = \text{Maximum Day Withdrawal}$$