

17. Intake Number 2:

County:

Name of Source Waterbody (see instructions):

Latitude and Longitude of Intake:

Type of Source Waterbody (see instructions):

Maximum anticipated volume of water (in millions of gallons) that will be needed in any single month:

Anticipated maximum number of months this intake will be utilized in any one year:

Method that will be used to measure the quantity of water withdrawn from this intake (see instructions):

Intake capacity (see instructions):

Intake type (see instructions):

Type of agricultural use for this intake(see instructions):

Check here to indicate a map showing this intake has been included with application:

18. Intake Number 3:

County:

Name of Source Waterbody (see instructions):

Latitude and Longitude of Intake:

Type of Source Waterbody (see instructions):

Maximum anticipated volume of water (in millions of gallons) that will be needed in any single month:

Anticipated maximum number of months this intake will be utilized in any one year:

Method that will be used to measure the quantity of water withdrawn from this intake (see instructions):

Intake capacity (see instructions):

Intake type (see instructions):

Type of agricultural use for this intake(see instructions):

Check here to indicate a map showing this intake has been included with application:

19. Check here if you are requesting registration for more than 3 intakes. Please provide the information requested above for the additional intakes on a separate sheet and attach to this application.

D. Signature of Responsible Party

20. I hereby certify the information contained in this application is true, complete and fully represents the planned withdrawal of surface water for the use(s) detailed in this application.

Printed / Typed Name:	Title / Company:
Signature:	Date:

E. Submittal of Application

21. This application and all supporting documentation should be submitted to: SCDHEC – Bureau of Water
Water Monitoring, Assessment & Protection Division
Attn: Rob Devlin
2600 Bull Street
Columbia, SC 29201

Agricultural Surface Water Withdrawal Registration Application

Instructions for Registering a New Agricultural Withdrawal of Surface Water

Purpose - This registration form and guide are for registration of a new, previously unregistered surface water withdrawal for agricultural purposes as defined in SC Code 49-4-10. Though a farm or other agricultural facility may currently have other registered withdrawals/intakes, installation of a totally new intake for which a new registration amount is being requested requires completion of this form. Modification of an existing registration to allow an increased withdrawal at that point requires completion and submittal of a separate form, available at <http://www.scdhec.gov/environment/water/sfw.htm>.

A. Requirement to Register

1. The requested surface water withdrawal is for agricultural use. Yes No If Yes based on the information below, proceed with filling out this registration. If the answer No based on the information below, an agricultural registration is not required, though a surface water withdrawal permit may be required

An agricultural use of surface water must be registered if in excess of three million gallons of water is withdrawn in any one month at a single intake or multiple intakes within a mile radius of each other on a single source stream unless exempt under the act. Three million gallons is roughly equal to applying 1 inch of water to 30 acres of crops 4 times in a month. If you will not use more than 3 million gallons of water in any one-month period from a single intake or multiple intakes within a mile radius of each other on a single source stream or if you are exempt under the 'farm pond' provision outlined below, you are not required to register your withdrawal and no further action on your part is required. If your proposed use will exceed 3 million gallons in any one month and your activity falls under the definition of 'agricultural use' provided below and the use is not exempt, indicate Yes and complete this registration form and submit it to the Department as instructed below. If your proposed use would not be considered an agricultural use and you will use more than 3 million gallons of surface water in any one month, an agricultural registration is not appropriate for your withdrawal and you will need to apply for a surface water withdrawal permit.

'Agricultural use' is defined by the Surface Water Withdrawal, Permitting, Use and Reporting Act (the Act) as:

- a. plowing, tilling, or preparing the soil at an agricultural facility;
- b. planting, growing, fertilizing, or harvesting crops, ornamental horticulture, floriculture, and turf grasses;
- c. application of pesticides, herbicides, or other chemicals, compounds, or substances to crops, weeds, or soil in connection with the production of crops, livestock, animals, or poultry;
- d. breeding, hatching, raising, producing, feeding, keeping, slaughtering, or processing livestock, hogs, aquatic animals, equines, chickens, turkeys, poultry, or other fowl normally raised for food, mules, cattle, sheep, goats, rabbits, or similar farm animals for commercial purposes;
- e. producing and keeping honeybees, producing honeybee products, and honeybee processing facilities;
- f. producing, processing, or packaging eggs or egg products;
- g. manufacturing feed for poultry or livestock;
- h. rotation of crops;
- i. commercial aquaculture;
- j. application of existing, changed, or new technology, practices, processes, or procedures to an agricultural use;
- k. the operation of a roadside market; and
- l. silviculture.

2. Is the withdrawal from an exempt farm pond? Yes No A farm pond is defined as "a pond completely situated on private property that is only used for providing water for agricultural uses". A farm pond withdrawal is exempt from registration if the pond is owned or leased by the person making the withdrawal or if the pond is situated on two or more separately owned parcels of private property and each property owner agrees to the withdrawal. If you

can answer this "Yes", based on these conditions, you do not have to register your withdrawal and no further action is needed on your part. If your answer to this question is "No", registration is required and this application must be completed and submitted to the Department.

B. General Information

3. Facility Name: Insert the legal name of the business or entity applying for the registration.
 4. Facility Address: Provide the street or route address of the facility, if different from the owners. If the same as the owners, check or circle Same as Mailing. This must be a street or route number (the 911 address), not a PO Box number.
 5. Name of Owner: Insert the name of the owner of the business or entity applying for the registration.
 6. Owner Mailing Address: Provide the mailing address to which the registration can be mailed.
 7. Owner Telephone Number: Provide the telephone number, either cell or land-line, where the owner can be reached during normal business hours.
 8. Owner Fax Number: Provide a number to which facsimiles can be sent to the owner. If the owner does not have a Fax number, enter 'None'.
 9. Owner E-mail Address: Provide owner's E-mail address. If the owner does not have an E-Mail address, enter 'None'.
- 10 thru 14: If someone other than the owner will be the primary contact concerning this registration, please provide the contact information for that person. If the owner is the primary contact, simply fill in the Contact Name blank with 'owner'.
10. Contact Name: Provide the name of the person responsible for routine operation of the facility, if different from the owner.
 11. Contact Address: Provide the business address of the person responsible for routine operation of the facility.
 12. Contact Phone Number: Provide the telephone number, either cell or land-line, where the contact can be reached during normal business hours.
 13. Contact Fax Number: Provide a number to which facsimiles can be sent to the primary contact. If the primary contact does not have a Fax number, enter 'None'.
 14. Contact E-mail Address: Provide the primary contact's E-mail address. If the primary contact does not have an E-mail address, enter 'None'.

C. Intake Specific Information. (Must be completed for each proposed intake.)

15. Total Number of Withdrawal Points Requested: Indicate the total number of surface water withdrawal points for which registration is being requested. Note that when determining if the 3 million gallon per month threshold for registration will be met, multiple withdrawals from the same waterbody within a mile radius of each other are totaled. However, for registration and reporting purposes, each withdrawal point will be registered separately and the amount of water used each month will be reported separately. For example, if a farmer has two withdrawals from the Edisto River withdrawing 2 million gallons per month each, but the withdrawals are more than a mile apart, registration would not be required. If the same two intakes were a half a mile apart and each was withdrawing 2 million gallons per month, the 3 million gallon per month threshold would be exceeded and registration would be

required. In the later case, the three withdrawal points would be listed separately under 16, 17 and 18 below, each would be assigned an intake number and the quantity withdrawn would be reported separately for each intake.

16 - 18. Intakes #1, #2 and #3

- County: Specify the county in which the intake will be located.
- Name of source waterbody: Provide the name of the source waterbody. If the waterbody is not named, specify the first named stream to which it is tributary, such as: unnamed Tributary to Whippy Swamp.
- Latitude and Longitude of Intake: Provide the latitude and longitude of the intake location in decimal format. Lat/Long can be determined on most Internet mapping sites.
- Type of source waterbody: Indicate whether the source of the water to be withdrawn is a stream, lake, a non-exempt pond, estuary or other type waterbody.
- The maximum anticipated volume of water (in millions of gallons) that will be needed in any single month. The value requested is the maximum volume of water anticipated to be withdrawn from the source waterbody in any single month. It is anticipated that this volume would be calculated by taking into account the number of acres to be irrigated, the number of inches to be applied in any one event, and the maximum number of irrigation events in any single month. For example, if one inch of water is to be applied to a 30-acre field a maximum of four times during any one month, the following amount of water would be required:

Number of acres to be irrigated: 30

Max number of irrigation events per month: 4

Inches applied each event: 1

Total inches/feet applied each month: 4 inches; 4in/12in per ft = 0.333 feet of water

30 acres X 0.333 feet of water = 10 acre-feet of water

10 acre-feet X 325851 gallons water/acre foot = 3.26 million gallons per month.

- The anticipated maximum number of months that this intake will be utilized in any year. Provide the maximum number of months each year that you will utilize this intake.
- The method that will be used to measure the quantity of water withdrawn. Please specify which of the 5 Act-defined methods listed below will be used to measure the amount of water withdrawn. If an alternate method is proposed, as allowed by number 5, please provide
 - (1) flow meters accurate to within ten percent of calibration;
 - (2) the rated capacity of the pump in conjunction with the use of an hour meter, electric meter, or log;
 - (3) the rated capacity of the cooling systems;
 - (4) any standard or method employed by the United States Geological Survey in determining these quantities;
 - (5) any other method found to provide reliable water withdrawal data approved by the department.

Should an applicant wish to use a method other than those listed here, supporting documentation must be submitted with the application regarding measurement methods and accuracy. Methods other than those listed here shall be approved at the discretion of the Department.

- Intake Capacity: Specify the intake capacity in gallons per minute based on the pump capacity or, if greater, the design capacity of the intake structure.

- Intake Type: Indicate whether the intake is a permanent, fixed pipe or wet well or if it is a mobile intake that can be moved from place to place.

- Indicate the type of agricultural use for which the registration is being requested. Provide the type of agricultural use for which the registration is being requested, such as irrigation, aquaculture, processing, etc.

- Check here to indicate location map has been included with application: Along with the application, include a map showing the precise withdrawal point(s) on a U.S. Geological Survey 1:24,000 scale quadrangle or equivalent. Note

that submittal of an original quad sheet is not required. A copy of the appropriate portion of the quad sheet or a downloaded portion of a quad sheet is sufficient provided the quad sheet name is included on the portion submitted and the map is sufficiently legible to allow confirmation of the intakes location.

19. Check here if you are requesting registration for more than 3 intakes. Please provide the information requested above for the additional intakes on a separate sheet and attach to this application.

D. Signature of Responsible Party. This section must be completed for the application to be accepted.

20. I hereby certify the information contained in this application is true, complete and fully represents the planned withdrawal of surface water for the use(s) detailed in this application.

Legibly print or type the name of the responsible party.

Insert the title of company official signing the application or, if appropriate, specify "Owner".

Provide the signature of the responsible party.

Specify the date the application is signed.

E. Submittal of Form Requesting Registration

This application may be completed on-line, printed and submitted to the Department along with supporting maps via normal mail to the address below. The blank form may also be printed out, completed and submitted to the Department via normal mail at the address below. Applications for agricultural registrations may not be submitted electronically from the web site.

South Carolina Department of Health and Environmental Control

Water Monitoring, Assessment & Protection Division

Attention: Rob Devlin

2600 Bull Street

Columbia, SC 29201

Additional Information Regarding the Registration Process

Upon receipt of a proposed registration of an agricultural withdrawal of surface water, the Department will determine the safe yield of the surface waterbody at the proposed withdrawal site. If the proposed withdrawal quantity is within the safe yield, the withdrawal will be considered registered with the Department for the anticipated amount and the applicant notified of the registration via registered mail. The notification will include a detailed description of the safe yield analysis.

If the anticipated withdrawal quantity is determined not to be within the safe yield of the source waterbody, the proposed new registered surface water withdrawer may not proceed with the construction or installation of a new water intake pursuant to this regulation. However, the registrant will be notified via registered mail of the determination and provided a detailed description of the safe yield analysis and can modify the request to reflect a reduced withdrawal quantity that is within the safe yield.

A person receiving authorization to construct and operate a withdrawal must notify the Department of completion of the intake or expansion within 30 days after completing construction. If notification of completion of construction is not received by the Department within one year of the date of authorization, authorization to construct and operate a surface water withdrawal is revoked unless the registrant requests additional time and the Department extends the time period.

Contact Information:

Rob Devlin, Manager
Water Monitoring, Assessment and Protection Division
S.C. Department of Health and Environmental Control
2600 Bull Street
Columbia SC, 29201

Phone: 803.898.3798

Email: devlinrj@dhec.sc.gov

Web-based resource addresses:

Bureau of Water web site (general): <http://www.scdhec.gov/environment/water/>

SC Surface Water Withdrawal, Permitting, Use and Reporting Act, 49-4-10: <http://www.scstatehouse.gov/code/t49c004.php>

Regulation R.61-119, Surface Water Withdrawal, Permitting, Use and Reporting: <http://www.scdhec.gov/environment/water/reg>

Application form for new Surface Water Registration: <http://www.scdhec.gov/environment/water/sfw.htm>