



# Authorization Certificate Application for a Water Quality Buffer Disturbance

**FOR OFFICE USE ONLY:** Application Received  
Date: \_\_\_\_\_ Time: \_\_\_\_\_ Complete Submittal  Yes  No

**FOR OFFICE USE ONLY:** Authorization  
Certificate Number: \_\_\_\_\_

Instructions for the proper completion of this form are available on the following website: <http://stormwater.charmeck.org> (Select "Regulations", select "Buffers & BMPs", select "Water Quality Buffer Implementation Guidelines" see Section 5).

## SECTION 1: GENERAL INFORMATION

Applicant's Name:
Applicant's Mailing Address:
Applicant's Phone Numbers: Office _____ Cell _____
Applicant's Email:
Owner's Name (if different from above applicant):
Owner's Address:
Owner's Phone: Office _____ Cell _____
Owner's Email:
If applicant is different from owner, describe affiliation and attach to this application written authorization for the buffer disturbance signed by the property owner:
Contractor's Name (or name of other parties involved in buffer disturbance and/or mitigation if applicable):
Contractor's Mailing Address:
Contractor's Phone Numbers: Office _____ Cell _____
Contractor's Email:
Jurisdiction/Town where Proposed Buffer Disturbance is Located:
Address and/or Parcel # of Proposed Buffer Disturbance:
Name of Development where Proposed Buffer Disturbance is Located (if applicable):
Type of Buffer (select only one): Water Supply <input type="checkbox"/> ; S.W.IM. <input type="checkbox"/> ; Post-Construction <input type="checkbox"/> ; Goose Creek <input type="checkbox"/> ; or Six Mile Creek <input type="checkbox"/>
Type of Buffer Disturbance (select all that apply): Removal of Vegetation <input type="checkbox"/> ; Installation of Structure <input type="checkbox"/> ; Addition of Fill <input type="checkbox"/> ; Grading/Land Disturbance <input type="checkbox"/> ; and/or Other Specify:
Specify the Nature of the Activity that will Disturb the Buffer:
Specify the Reason for the Buffer Disturbance:
Square Footage of Parcel: _____ Square Footage of Disturbed Area: _____
Square Footage of Buffer on the Parcel: Stream Side Zone _____ ; Managed Use Zone _____ ; Upland Zone _____ ; Total _____
Square Footage of Buffer to be Disturbed: Stream Side Zone _____ ; Managed Use Zone _____ ; Upland Zone _____ ; Total _____
Date When Buffer Impact will Occur:
Date When Mitigation will be Completed:

**Map:** Attach to this application a scaled map (copy of survey is acceptable) containing the following information:

1. Lengths of all boundary/property lines for the parcel and parcel address where the buffer disturbance is to occur.
2. Location(s) of all water course(s) on the property, including all perennial and intermittent streams, lakes, ponds and wetlands.
3. Location(s) of buildings, parking areas, and other impervious surfaces.
4. Location(s) of the buffer area on the parcel, including lengths of all boundary lines and total square footage of the entire buffer (including all buffer zones if applicable).
5. The scale of the map, which must not be smaller than 100 feet to the inch.
6. Date of map.
7. A small scale vicinity map and north arrow.
8. Location of the proposed buffer disturbance (boundary lines and total square footage for each zone), including the area of the footprint of the use, the area of the boundary of any clearing and grading activities, and the area of any ongoing maintenance corridors. The boundaries of temporary equipment access areas must be shown on the map but are not included in the total disturbed area calculation provided tree removal and grading do not occur in the area and it is properly stabilized.
9. Location, number, size and species of trees greater than two (2) inches in diameter that will be removed from the buffer.

## SECTION 2: REQUEST FOR A NO PRACTICAL ALTERNATIVES DETERMINATION

Explain why the basic project purpose cannot be practically accomplished in a manner that would better minimize the disturbance, preserve aquatic life and habitat, and protect water quality.
Explain why the use cannot practically be reduced in size or density, reconfigured or redesigned to better minimize the disturbance, preserve aquatic life and habitat, and protect water quality.
Describe the plans for practices that have been incorporated into the project to minimize the buffer disturbance.

**FOR OFFICE USE ONLY:** Specify the anticipated impacts of the buffer disturbance on the overall quality and usability of the surface water resource, including its ability to support varied species of aquatic life and meet applicable water quality standards.

**FOR OFFICE USE ONLY:** Specify any additional conditions that must be met by the applicant to better protect water quality and aquatic life propagation.

**SECTION 3: MITIGATION PLAN**

**Instructions:** Select the type of buffer proposed for disturbance, identify the mitigation option being proposed and provide the information requested below that option (only one buffer type can be selected). Also, submit with this application the additional information specified in Section 5.4 of the "Water Quality Buffer Implementation Guidelines" available at the website described at the top of page 1 of this application. **Important Note:** If the mitigation techniques described below are required for compliance with another ordinance, the technique cannot be used as mitigation for water quality buffer impacts.

**Water Supply Watershed Buffer Disturbance:**

Buffer Restoration on Same Parcel (this is the only mitigation option available for this type of buffer disturbance)

- Is a Level 2 revegetation plan being proposed? Yes  No  If "No", explain why:
- Square Footage of Buffer to be Revegetated:

**S.W.I.M., Post-Construction or Lower Lake Wylie Buffer Disturbance:**

Installation of Structural BMP

- Type of BMP or Infiltration Method:
- Size of Drainage Area to be Treated (acres):
- Percentage of Impervious Cover in this Drainage Area:

Buffer Restoration

- Revegetation Type: Level 1  Level 2
- Square Footage of Buffer to be Revegetated (if buffer does not have zones, indicate under "Total"): Stream Side Zone \_\_\_\_\_ ; Managed Use Zone \_\_\_\_\_ ; and/or Upland Zone \_\_\_\_\_ Total \_\_\_\_\_

Buffer Preservation

- Square Footage of Buffer to be Preserved (if buffer does not have zones, indicate under "Total"): Stream Side Zone \_\_\_\_\_ ; Managed Use Zone \_\_\_\_\_ ; and/or Upland Zone \_\_\_\_\_ Total \_\_\_\_\_

Wetland Preservation

- Square Footage of Wetland to be Preserved:
- Bottom Land Hardwood Preservation
- Square Footage of Bottom Land Hardwood Area to be Preserved:

Controlled Impervious Cover

- Amount of Impervious Cover on Parcel \_\_\_\_\_ square feet ÷ Size of Parcel \_\_\_\_\_ square feet = \_\_\_\_\_ x 100 = \_\_\_\_\_ %

Open Space Development

- Amount of Preserved Open Space on Parcel \_\_\_\_\_ square feet ÷ Size of Parcel \_\_\_\_\_ square feet = \_\_\_\_\_ x 100 = \_\_\_\_\_ %

Mitigation Payment/Credit

- Area of Buffer Disturbance \_\_\_\_\_ square feet x \$10 = \$ \_\_\_\_\_
- Alternative Mitigation Techniques (not pre-approved) Specify:

**Goose Creek or Six Mile Creek Buffer Disturbance:**

- Buffer Disturbance Area: Footprint of Use in Buffer \_\_\_\_\_ square feet + Clearing Limits Outside the Footprint \_\_\_\_\_ square feet + Maintenance Corridor Outside the Footprint and Clearing Limits \_\_\_\_\_ square feet = \_\_\_\_\_ square feet
- Mitigation Area: Buffer Disturbance Area \_\_\_\_\_ square feet x 3 = \_\_\_\_\_ square feet

Mitigation Payment

- Mitigation Area \_\_\_\_\_ square feet x \$.96 = \$ \_\_\_\_\_

Donation of Property

- Appraised Value of Donated Property Interest \$ \_\_\_\_\_ ÷ Calculated Mitigation Payment \$ \_\_\_\_\_ = \_\_\_\_\_ x 100 = \_\_\_\_\_ %

Stream Buffer Restoration or Enhancement

- Buffer Restoration Area \_\_\_\_\_ square feet ÷ Calculated Mitigation Area \_\_\_\_\_ square feet = \_\_\_\_\_ x 100 = \_\_\_\_\_ %
- Buffer Enhancement Area \_\_\_\_\_ square feet ÷ Calculated Mitigation Area \_\_\_\_\_ square feet = \_\_\_\_\_ x 100 = \_\_\_\_\_ %

**Unauthorized (Illegal) Buffer Disturbance:**

Buffer Restoration (this is the only mitigation option available for this type of buffer disturbance)

- Is a Level 2 revegetation plan being proposed? Yes  No  If "No", explain why:
- Square Feet of Buffer to be Revegetated (if buffer does not have zones, indicate under "Total"): Stream Side Zone \_\_\_\_\_ ; Managed Use Zone \_\_\_\_\_ ; and/or Upland Zone \_\_\_\_\_ Total \_\_\_\_\_

**Issuance of the Authorization Certificate:** Upon the approval and subsequent signing of this Application, the Authorization Certificate for approval of the buffer disturbance is granted and remains valid for a period of 12 months following the approval date indicated below. All buffer disturbances and mitigation must be performed in strict accordance with the information contained herein and attached to this Application. Failure to do so will immediately render this Authorization Certificate null and void and all buffer disturbances will be subject to penalties. Ensure that proper erosion control is practiced during all land disturbing activities and that once the buffer disturbance is completed that all disturbed areas are properly stabilized. In addition, diffuse flow through the buffer must be maintained in perpetuity.

**FOR OFFICE USE ONLY:**

- Disapproved     Approved     Approved With Modifications     Approved With Performance Reservation

Issued By: \_\_\_\_\_ Date: \_\_\_\_\_