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Governor

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Secretary

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Director



State of North Carolina  
Department of Environment Quality  
Division of Water Resources

15A NCAC 02H .0500 – Water Quality Certification, Shoreline Stabilization  
FORM: SSGP 01-2025

**Lake Shoreline Stabilization Application Form**

The Shoreline Stabilization Application Form should only be used to apply for a 401 Water Quality Certification for activities eligible for coverage under U.S. Army Corps of Engineers Regional General Permits [30](#), [79](#), or [80](#). This includes, but is not limited to, shoreline stabilization on Federal Energy Regulatory Commission (FERC) regulated lakes, Tennessee Valley Authority (TVA) regulated lakes, and certain private lakes. This form does not apply to property within the twenty coastal counties that are affected by the Division of Coastal Management (CAMA) rules. **It is recommended that applicants contact their local government to verify that the proposed project is allowable under local ordinances prior to submittal of this form.**

Applications should be submitted electronically using the online [Shoreline Stabilization Application Form](#).

If you are unable to submit through the online form, please complete and mail this application form, all attachments, and the [application fee](#) to:

*If sending via US Postal Service*

DWR – 401 & Buffer Permitting Branch  
1617 Mail Service Center  
Raleigh, NC 27699-1617

*If sending via delivery service (UPS, FedEx, etc.)*

DWR – 401 & Buffer Permitting Branch  
512 N. Salisbury Street  
Raleigh, NC 27604

**A. Contact Information [[15A NCAC 02H .0502\(a\)](#)]**

**1. Owner/Applicant Information**

Name: \_\_\_\_\_

Mailing Address: \_\_\_\_\_  
\_\_\_\_\_

Telephone Number: \_\_\_\_\_

E-mail Address: \_\_\_\_\_



North Carolina Department of Environmental Quality | Division of Water Resources  
512 North Salisbury Street | 1617 Mail Service Center | Raleigh, North Carolina 27699-1617  
919.707.9000

## 2. Agent/ Contact Person Information (if different from Owner)

*A signed and dated copy of the Agent Authorization Form on Page 10 must be attached if the Agent has signed this application form.*

Name: \_\_\_\_\_

Company Affiliation: \_\_\_\_\_

Mailing Address: \_\_\_\_\_

\_\_\_\_\_

Telephone Number: \_\_\_\_\_

E-mail Address: \_\_\_\_\_

**B. Project Information** [[15A NCAC 02H .0502\(a\) & \(b\)](#)]

## 1. Location of the property (where work is to be conducted)

County: \_\_\_\_\_ Nearest Town: \_\_\_\_\_

Lake/ river/ ocean adjacent to property: \_\_\_\_\_

Property size (acres): \_\_\_\_\_

Subdivision name or site address (include phase/lot number): \_\_\_\_\_

\_\_\_\_\_

Latitude (in decimal degrees) \_\_\_\_\_ Longitude (decimal degrees) \_\_\_\_\_

*Please collect site coordinates in decimal degrees. Use between 4-6 digits (unless you are using a survey-grade GPS device) after the decimal place as appropriate, based on how the location was determined. (For example, most mobile phones with GPS provide locational precision in decimal degrees to map coordinates to 5 or 6 digits after the decimal place.)*



2. Describe the existing land use or condition of the site at the time of this application (residential, undeveloped, etc.): \_\_\_\_\_

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3. Describe proposed work and why it is necessary: \_\_\_\_\_

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4. Please select: Work will be conducted from land ☐

Work will be conducted from water ☐

5. List the total amount of impacts **BELOW** the normal pool lake level / Normal Water Level  
*Normal Pool/Water Level is where vegetation/roots are present or as established by the lake management agency.*

*Permanent impacts include all excavation/dredging, backfill, rip rap, retaining walls, new docks, etc.*

*Temporary impacts are impacts to the water that will be restored to pre-existing conditions*

Reason for impact Example: excavation/dredging, riprap, boat ramp, etc	Permanent (P) or Temporary (T) check one	Impact Amount Area <sup>1</sup> in square feet	Impact Amount Shoreline Length <sup>2</sup> in linear feet
	<input type="checkbox"/> P <input type="checkbox"/> T		
	<input type="checkbox"/> P <input type="checkbox"/> T		
	<input type="checkbox"/> P <input type="checkbox"/> T		
	<input type="checkbox"/> P <input type="checkbox"/> T		
	<input type="checkbox"/> P <input type="checkbox"/> T		

<sup>1</sup>Impact Amount Area is the disturbance below the full pond (in below example 3x150 ft = 450 square feet)

<sup>2</sup>Impact Amount Shoreline Length is the length of shoreline disturbance (in below example = 150 ft)



Figure 1

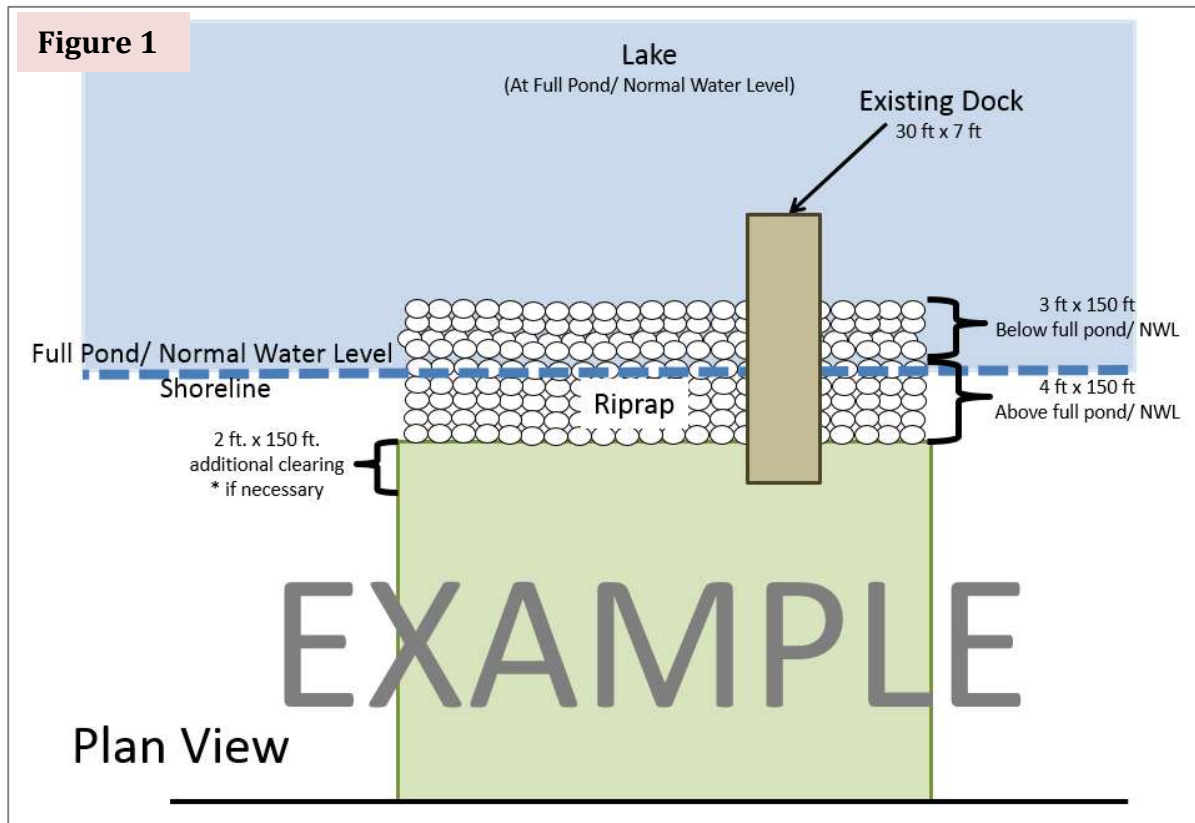
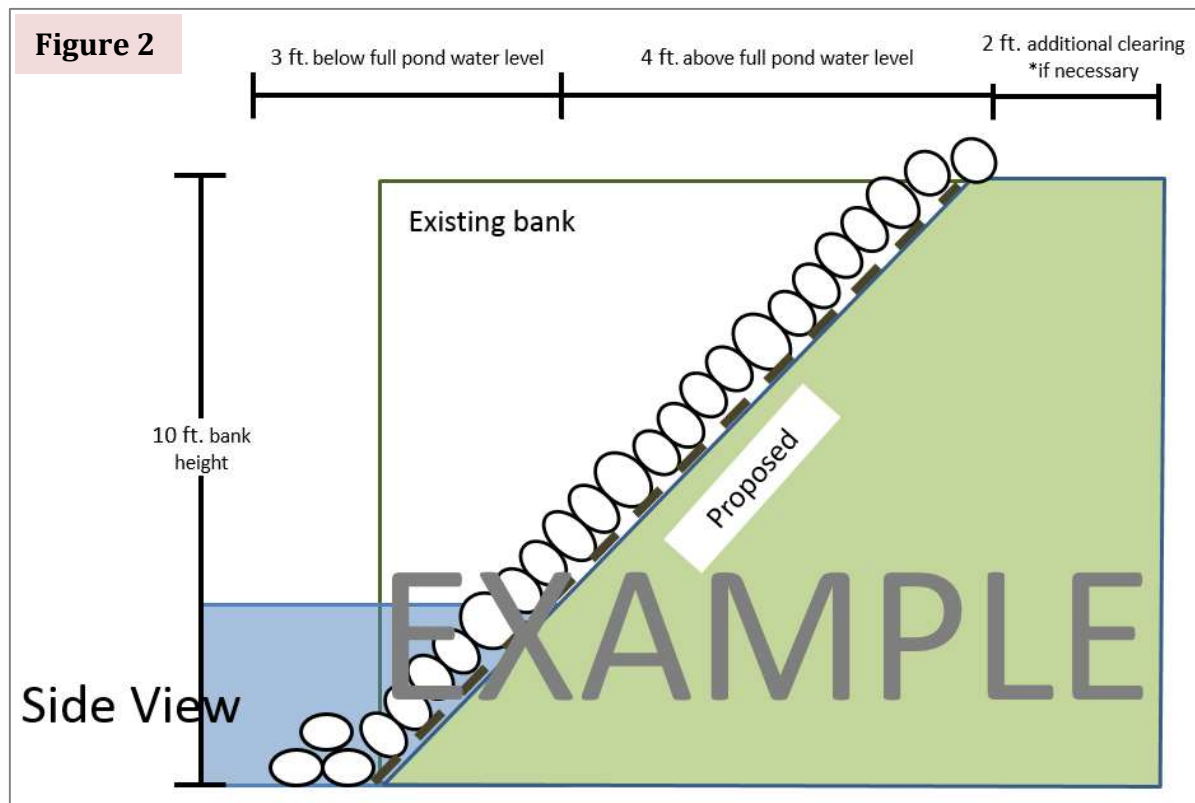


Figure 2



### C. Riparian Buffer Information

6. Is the lake subject to Riparian Buffer Regulations?

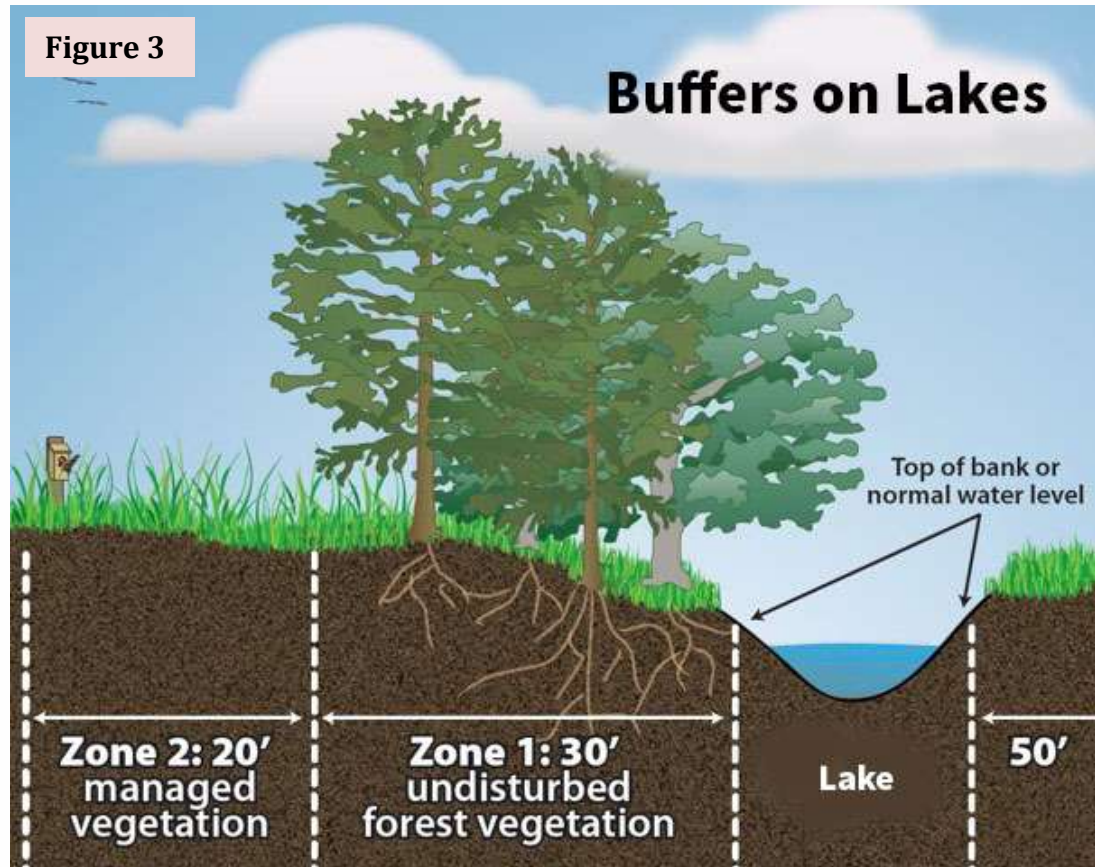
[Click here for a map of buffered watersheds.](#)

Yes ☐

No ☐

If No, skip to Section D

Zone 1 extends from the normal pool elevation to 30 feet inland and Zone 2 extends from 30 feet inland to 50 feet inland.



7. List the total amount of impacts to the buffer (in square feet) for all disturbances to land surfaces such as shoreline stabilization, and any proposed temporary equipment access roads. **See diagram on Page 6**

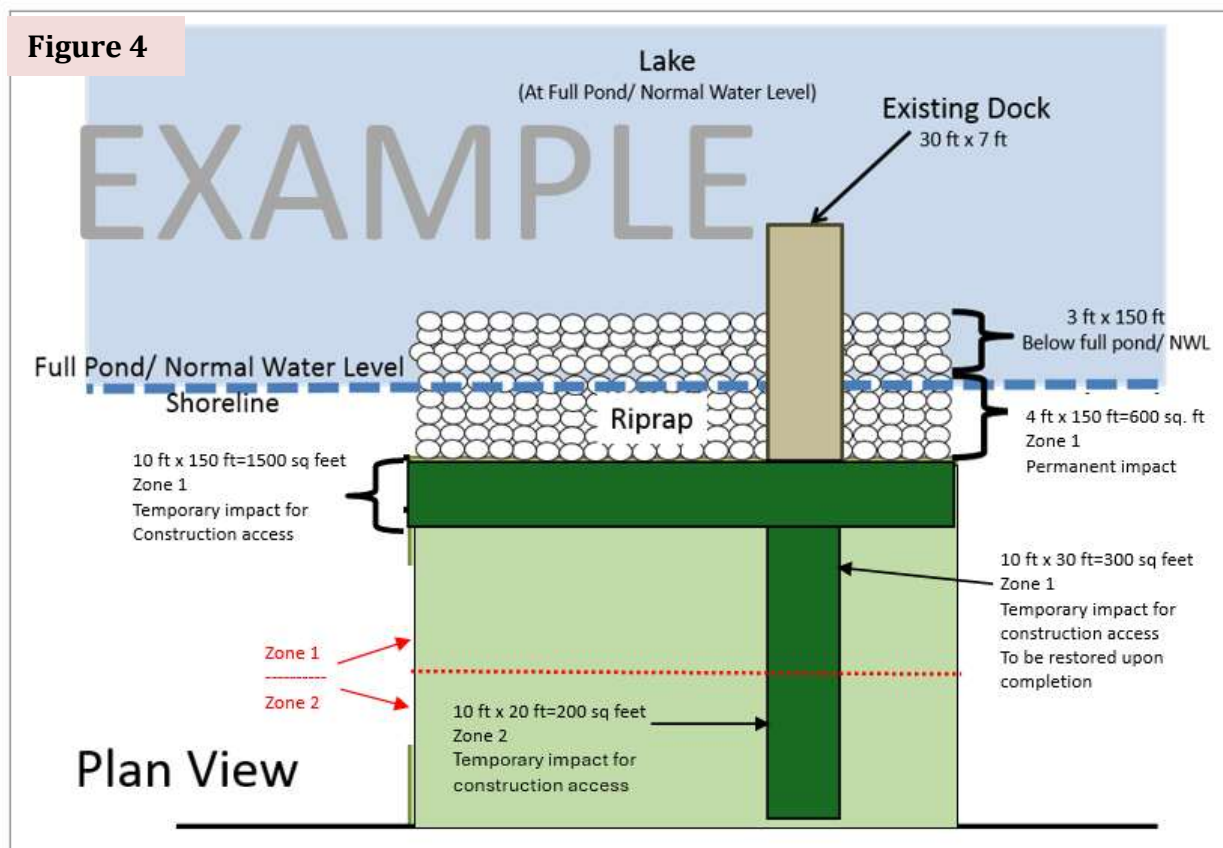
*Permanent impacts include rip rap, retaining walls, boat ramps, trails/permanent access paths, decks, patios, etc.*

*Temporary impacts are impacts to buffers that are only needed for the construction of the project such as access roads/corridors, grading/sloping, and will be replanted with the same type of vegetation that exists prior to the project,*



Reason for impact Example: shoreline stabilization, access road	What is the existing vegetation in this location? Example: undisturbed wooded, mowed lawn, landscaped with some trees	Zone 1 impact (sq ft)	Zone 2 impact (sq ft)	Permanent (P) or Temporary (T) check one
				<input type="checkbox"/> P <input type="checkbox"/> T
				<input type="checkbox"/> P <input type="checkbox"/> T
				<input type="checkbox"/> P <input type="checkbox"/> T
				<input type="checkbox"/> P <input type="checkbox"/> T
				<input type="checkbox"/> P <input type="checkbox"/> T
				<input type="checkbox"/> P <input type="checkbox"/> T

Figure 4



8. For all areas of Zone 1 impact listed in the table above provide justification of why the area cannot be avoided and/or why the impact cannot be decreased. All construction access roads should minimize the buffer disturbance by ensuring they are the minimum width necessary for expected equipment and by designing them to avoid as many trees as possible or to be perpendicular to the shoreline. Please explain how your impacts meet these criteria or give reasons why it does not.

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#### D. Attachments Required

##### For all projects:

- Attach a **vicinity map** (i.e. street map) clearly showing the location of the property with respect to local landmarks such as towns, rivers, and roads.
- Attach a photograph of the eroding shoreline in the area that is proposed to be stabilized. (Include a scale of some sort- a yard stick, shovel handle, etc.)
- Provide a detailed site plan similar to Figure 1 and 2 above showing property boundaries and proposed project components. Approximately sketch the following information on this plan and ***provide dimensions for each item***:
  - Location of rip rap or fill to be placed below the Full Pond/ Normal Water Level elevation
  - Location of any proposed structures such as buildings, retaining walls, docks, etc.
  - Location of any excavation or dredging below the Full Pond/ Normal Water Level elevation



### **For all lakes subject to riparian buffers**

- Provide a detailed site plan similar to Figure 4 above showing property boundaries and proposed project components. Approximately sketch the following information on this plan and ***provide dimensions for each item***:
  - Location of Zone 1 and Zone 2 buffers
  - Existing trees/wooded areas in Zone 1
  - Areas of Zone 1 and Zone 2 permanent buffer impacts where structures, riprap, or permanent pathways will be installed
  - Area of Zone 1 and Zone 2 temporary buffer impacts where the same type of vegetation will be restored after construction
- Attach a photograph of the existing buffer in the areas proposed for temporary or permanent impact. Include photographs from multiple angles.
- Submit a replanting plan for the area(s) for all temporary disturbances in the buffer. Temporarily impacted buffer areas shall be restored to pre-construction topographic and hydrologic conditions and replanted with comparable vegetation within two months of when construction is complete. Tree planting may occur during the dormant season. In Zone 1, now mowing or maintenance is allowed around the restored trees/shrubs. Replanted trees/shrubs shall be inspected for survival and replaced as needed such that at the end of five years, any restored wooded riparian buffer is naturalized.
  - For both Zone 1 & Zone 2 a buffer replanting plan shall include: A detailed narrative description, a list of native species to be planted, a map depicting location of plantings, and a monitoring timeline to ensure acceptable survival rates.
  - Temporary straw mulch may be applied to newly seeded areas to prevent erosion. Landscaping mulch to prevent herbaceous growth is not allowed except for a small mulch ring may be placed around new tree plantings for 5 years from the date of planting.
  - A one-time fertilizer application is allowed to establish new vegetation provided it is applied in a manner which prevents runoff and protects water quality.





**E. Signatures****For ALL projects:**

By signing below, I, as the project proponent, certify to the following:

- The project proponent (applicant) hereby certifies that all information contained herein is true, accurate, and complete to the best of my knowledge and belief
- The project proponent hereby requests that the certifying authority review and take action on this CWA 401 certification request within the applicable reasonable period of time.
- The project proponent hereby certifies that I am responsible for requiring that all agents, contractors and subcontractors comply with the purpose and design described in this application and all authorizations issued by the Division.

\_\_\_\_\_  
Owner/Agent's Signature\* [[15A NCAC 02H .0502\(f\)](#)]

\_\_\_\_\_  
Date

***\*Agent's signature is valid only if an authorization form on Page 10 is provided.***

**For all projects located on lakes subject to Riparian Buffer Regulations:**

By signing below, I, as the project proponent, certify to the following:

- Any approval issued by DWR is for the purpose and design described in this application. Any additional impacts to regulated buffers, such as, but not limited to beaches, patios, walkways, that are not indicated in this application may be considered a violation of the applicable buffer rule.
- Vegetation, including trees, may not be cut or removed from Zone 1 of the buffer unless approved. Individual trees, branches or limbs which are in danger of causing damage to dwellings, utility lines, other structures or human life, trees that imminently endangering the stability of the shoreline, and trees that are dead, diseased or damaged, may be removed provided that stumps are left intact or ground in place without causing additional land disturbance.
- Benching and/or grading in Zone 1 of the buffer is not allowed unless indicated in this application and approved by DWR.
- Work to be conducted from land will adhere to the access corridor and tree removal as described and/or shown in this application and associated documents.
- Stormwater cannot be piped or channelized for direct discharge to the lake. All new stormwater discharges must be directed as dispersed flow (sheet flow) at non-erosive velocities to vegetated ground.

\_\_\_\_\_  
Owner/Agent's Signature\* [[15A NCAC 02H .0502\(f\)](#)]

\_\_\_\_\_  
Date

***\*Agent's signature is valid only if an authorization form on Page 10 is provided.***



**AGENT AUTHORIZATION FORM**

PROPERTY LEGAL DESCRIPTION:

PARCEL ID: \_\_\_\_\_

STREET ADDRESS: \_\_\_\_\_  
\_\_\_\_\_

Property Owner: \_\_\_\_\_

Property Owner: \_\_\_\_\_

The undersigned, registered property owners of the above noted property, do hereby authorize

\_\_\_\_\_, of \_\_\_\_\_  
(Contractor / Agent) (Name of consulting firm)

to act on my behalf and take all actions necessary for the processing, issuance and acceptance of this permit or certification and any and all standard and special conditions attached.

Property Owner's Address (if different than property above):  
\_\_\_\_\_

Email Address: \_\_\_\_\_ Telephone: \_\_\_\_\_

I/We hereby certify the above information submitted in this application is true and accurate to the best of our knowledge.

\_\_\_\_\_  
Authorized Signature\_\_\_\_\_  
Authorized Signature

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

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

