



APPLICATION FOR ACTIVITY PERMIT FOR SHORELINE STABILIZATION

Print or type all information below and return to Cube Hydro Carolinas., P.O. Box 575, Badin, N.C. 28009-0575

SECTION ONE—BACKGROUND INFORMATION (to be completed by the Applicant)

- 1. Full Name:
2. Permanent Mailing Address:
3. Local Address (If different):
4. Telephone (Business): (Permanent): (Local):
5. E-mail (optional):
6. Reservoir: 7. Township: 8. County:
9. Subdivision: 10. Section: 11. Parcel:
12. Lot No. 13. Tax Map No.:
14. Directions to property:

- 15. Is the shoreline along the property described above designated as High Cultural Probability Zone in Cube Yadkin's Shoreline Management Plan? (circle one, leave blank if you do not know) Yes No
16. In the space below, please provide a brief written description of the shoreline erosion occurring on or near your property. Include in your description your observations about the nature of the shoreline erosion and your concerns.

I (the applicant) understand the enclosed fee of \$575 is to be used by Cube Yadkin for the purpose of contracting a Professional Engineering (PE) firm to conduct an evaluation of the need for shoreline stabilization measure along my property and in no way guarantees that Cube will issue a permit for construction of shoreline stabilization measures if it is determined by the PE firm that such measures are not warranted.

Date

Signature of Applicant

SECTION TWO—INFORMATION NEEDED FOR SHORELINE STABILIZATION

- 1. Map of the reservoir area where the shoreline stabilization is proposed.
2. Has a Professional Engineer of Cube Yadkin's choice evaluated the erosion? If yes, attach a copy of the evaluation, including the Professional Engineer's recommendations for stabilization measures.
3. Description of the planned erosion control measure, including an estimate of the area to be modified and the amount and type of material to be installed. Are the planned erosion control measures the same measures as recommended in the evaluation of the Cube-Yadkin approved PE?
4. Have you obtained an estimate for installation of the recommended shoreline stabilization measures?
5. Plans and schedule for conducting the proposed stabilization.
6. Other than approvals from the U.S. Army Corps of Engineers, the NC Division of Water Resources (NCDWR), the NC State Historic Preservation Office (NC SHPO), NC Wildlife Resources Commission (NCWRC) are any federal state, or local approvals necessary (e.g., County permit)? If yes, what approvals are these?
7. Have you signed the Activity Permit for Shoreline Stabilization? Please send two originals with this Application to Cube Yadkin.

SECTION THREE----INFORMATION NEEDED (to be completed by the Professional Engineer)

- 1. Has written approval been received from U.S. Army Corps of Engineers? If yes, attach copy of written approval.
2. Has written approval been received from NC Division of Water Resources? If yes, attached copy of written approval.
3. Is proposed stabilization on or adjacent to shoreline designated as a High Cultural Resources Probability Zone? If yes, has written approval been received from the NC SHPO? If yes, attach copy of written approval.

SECTION FOUR (to be completed by the Applicant)

I hereby apply for an Activity Permit to perform the above-described shoreline stabilization. I agree to abide by all applicable requirements of Cube Yadkin's Shoreline Management Plan, the conditions of the Activity Permit for Shoreline Stabilization and other Cube Yadkin policies, procedures, and regulations. I also agree that NO WORK will begin until I receive an ACTIVITY PERMIT FOR SHORELINE STABILIZATION signed by Cube Yadkin.

Date

Signature of Applicant

# APPLICATION FOR ACTIVITY PERMIT FOR SHORELINE STABILIZATION

## INTRODUCTION

Erosion of the reservoir shoreline is a naturally occurring phenomenon resulting from wave action upon the land. All owners of property along the reservoirs should expect some amount of shoreline erosion over time, and this is consistent with Cube Yadkin's policy of preserving a naturally forested shoreline, when possible. Prevention of severe erosion is the responsibility of the owner of the property adjoining the reservoir. To the extent that particular circumstances demonstrate the need for shoreline stabilization, based on the assessment of a registered Professional Engineer (PE), Cube Yadkin may issue an adjoining property owner an Activity Permit for Shoreline Stabilization. Generally, vegetative plantings are the preferred alternative, followed by riprap, and, in extreme circumstances, retaining walls.

No shoreline stabilization measures may be placed on Project lands or waters (below full pool elevation) or on the Cube-Yadkin Managed Buffer without a written Activity Permit from Cube Yadkin.

## REQUIREMENTS

All requests to implement erosion control must meet all applicable zoning and other government regulations and will require written approval from the U.S. Army Corps of Engineers, the North Carolina Division of Water Resources (NCDWR), and in some instances, the North Carolina State Historic Preservation Office (NC SHPO). The applicant will be responsible for any fees or costs associated with securing other necessary approvals.

## INSTRUCTIONS

Any adjoining property owner with concerns that their property is subject to severe erosion may apply to Cube Yadkin for an Activity Permit for Shoreline Stabilization. The shoreline stabilization permitting process is a two-phase process. In the first phase, a PE firm under contract with Cube Yadkin will access the shoreline along or adjoining the applicant's property to determine if shoreline erosion is serious enough to warrant shoreline stabilization measures. If the PE firm determines that shoreline stabilization measures are warranted, the PE firm will prepare a recommended plan for the installation of shoreline stabilization measures. The applicant will then begin phase two. During phase two, the PE firm, on behalf of the applicant, secures the necessary permits from state and federal agencies, and makes a final application to Cube Yadkin for an Activity Permit for Shoreline Stabilization.

### Phase One

An applicant completes this application and submits it along with a check for \$575.00. Upon receipt of a complete application, Cube Yadkin will forward a copy of the application to the PE firm. The PE firm will contact the applicant and arrange a site visit to the applicant's property to assess the erosion. The PE firm will determine if shoreline stabilization measures are warranted and will recommend appropriate shoreline stabilization measures for the applicant's property. The PE firm will forward a copy of its initial evaluation to both Cube Yadkin and the applicant. If the PE firm determines that shoreline stabilization measures are not warranted, Cube Yadkin will issue a letter to the applicant denying the permit.

### Phase Two

If the PE firm does agree that shoreline stabilization is necessary, the applicant should then obtain an estimate of the cost of the installation of the shoreline stabilization measures recommended in the PE firm's evaluation. After receipt of the estimate, if the applicant wishes to proceed with the permitting process, the applicant should, at that time, submit to Cube Yadkin a check for \$1,075.00 to cover the cost of phase two of the permitting process. Upon receipt of the phase two fee, Cube Yadkin will again refer the Application to the PE firm who shall be responsible for obtaining any necessary approvals ("Approvals") from the U.S. Army Corps of Engineers, NC Division of Water Resources, NC State Historic Preservation Office, and/or NC Wildlife Resources Commission.

Upon receipt of a fully completed application and copies of all necessary approvals, Cube Yadkin will sign and return to you the Activity Permit for Shoreline Stabilization. The conditions of the Approvals shall be conditions of Cube Yadkin's Activity Permit. The shoreline stabilization must be completed in accordance with the Activity Permit.

Cube Yadkin retains the right to inspect the shoreline stabilization at any time during and after construction to ensure that the shoreline stabilization is in compliance with the Activity Permit, Cube Yadkin's Shoreline Stewardship Policy, and all other applicable Cube Yadkin procedures and requirements. You may not commence work until you have received from Cube Yadkin the Activity Permit for Shoreline Stabilization.