# Application for Bank Stabilization – South Carolina Side
# Hartwell Lake

**Instructions**

Please complete the information requested below on the application form and submit with a completed plan (pages 3 – 4 of this document). Additional information related to the proposed project may also be submitted with the application, e.g. pictures, additional drawings, etc. Submit application to:

Hartwell Project Operations Manager's Office
5625 Anderson Hwy.
Hartwell, Georgia 30643
ATTN: Shoreline

If approved, a signed copy of this application/permit will be returned to you for your records. **No activities may begin prior to receiving an approved permit and notifying ranger of start date.**

APPLICANT:_____ HOME PHONE: _____

ADDRESS:_____ WORK PHONE: _____

SHORELINE USE PERMIT NO. (if applicable):_____

**Permit Conditions**

1. Rip rap and retaining walls will be authorized at the discretion of the Hartwell Project Operations Manager and must be in compliance with the conditions outlined in Nationwide Permit #13. These conditions, as well as other local conditions are outlined in #2-13 below.

2. Rip rap and retaining walls will follow the existing shoreline, installed uniformly with the natural contour of the bank. Site preparation will be limited to that necessary to obtain proper slope and stability for the structure, with every effort being made not to damage shoreline vegetation. Disturbed slopes landward of the structure must be stabilized within 15 days of the completion of the work. No grass lawns may be established to accomplish this stabilization. Any tree removal associated with the project must be approved by the Hartwell Project Operations Manager and is limited to that necessary to obtain access to the work site. Use of equipment on public land is restricted to a single ingress/egress pathway and the immediate bank stabilization work site.

3. Rip rap and retaining wall projects cannot exceed 500 linear feet for each separate project, and must be installed in accordance with approved site plans submitted by the applicant.

4. Rip rap must be quarry run stone with an average size necessary to meet site requirements as specified on approved plans. Broken cinder blocks, bricks, asphalt, or other debris is not authorized. Materials used for retaining walls must be specifically designed for erosion control purposes. Mortared walls or creosote crossties will not be authorized. Suitable filter blankets should be used where appropriate on both rip rap and retaining walls.

5. Amount of materials installed (wall material, footings, and backfill combined) will not exceed an average of 1 cubic yard per linear foot below 660' mean sea level (msl) elevation. No material will be placed in excess of the minimum required for erosion protection or for the purpose of land reclamation. In no instance will materials be placed below 655' msl elevation.

6. Backfill must be clean earthen fill. No debris or trash will be allowed. Gravel is allowed with retaining walls per manufacturer's recommendations; however, top layer must be earthen fill to allow for

regeneration of native trees/understory. The establishment of grass lawns or sandy beaches in the disturbed area is prohibited.

7. Crossover steps are limited to 6 feet in width and will directly access the base of the rip rap or retaining wall structure. In no case will piers be approved beyond the top of the existing bank, rip rap or retaining wall.

8. Retaining walls must be installed according manufacturer's recommendations, if applicable. The Corps of Engineers reserves the right to require engineer certification for walls of unique design.

9. No material will be placed in special aquatic sites, including wetlands; nor will it be placed so as to impair surface water flow into and out of any wetland area. Wetlands are defined as areas inundated or saturated by surface or ground water at a frequency and duration sufficient to support aquatic vegetation.

10. In any materials or sites of cultural, historical or archeological significance are discovered with the project boundaries at any time preceding or during construction, the Hartwell Project Operations Manager's Office will be immediately notified and work will cease until further notice.

11. Work is not authorized within the known habitat of threatened or endangered species as identified under the Endangered Species Act.

12. Rip rap/retaining wall projects do not convey any private exclusive use rights to the permittee. Other permitted facilities may be authorized on or adjacent to the rip rap/retaining wall.

13. Dependant on location, some rip rap/retaining wall projects may not be authorized during the fish spawning season as defined by the Hartwell Project Operations Manager.

14. The Hartwell Lake Ranger listed below must be notified of the project start date in advance to allow for progress inspections.

15. Violations of the terms and conditions of this permit, and/or damages to public land, may result in the issuance of a Violation Notice requiring the payment of a fine or appearance before the U.S. Magistrate, restitution, and/or revocation of part or all of the individuals' Shoreline Use Permits.

Applicants Signature:_____

Contractor Name (if applicable):_____

Contractor Address:_____

_____

Contractor Work Phone:_____

**For Office Use Only:**

Date Approved :_____

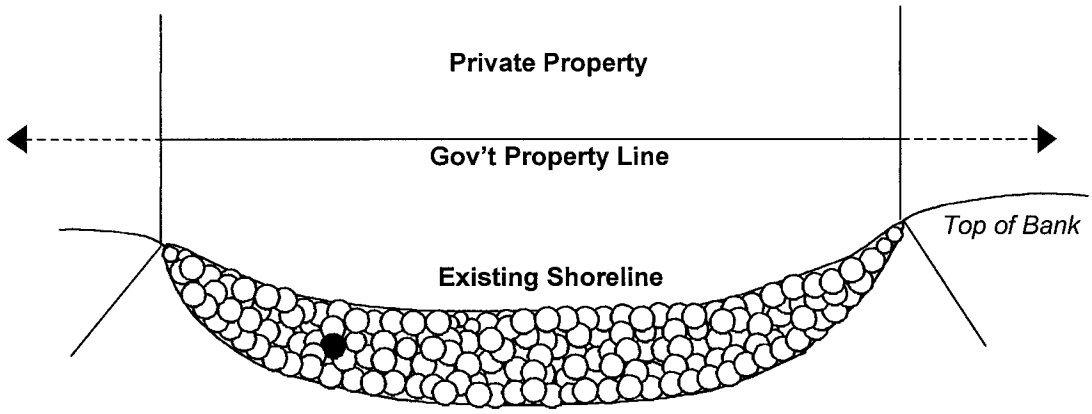
Hartwell Lake Ranger:_____ Telephone 888-893-0678, ext._____

# Proposed Rip Rap
# Hartwell Lake
# Plan View

Name: _____ Permit #: _____

Lot # : _____ Subdivision: _____

Tract #: _____ County: _____ State: _____




**Length of Structure: _____ Linear Feet**

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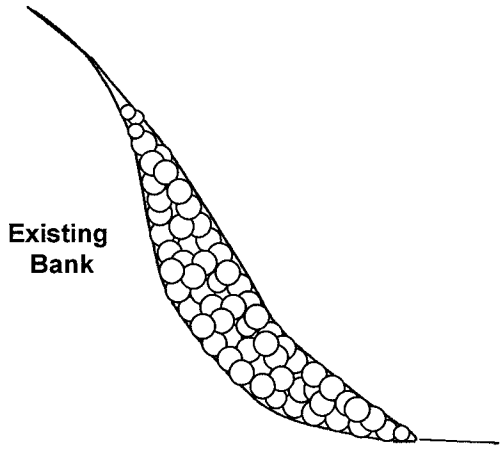



**_____Elevation - top of structure**

**_____Normal pool elevation**

**_____Indicate thickness of rip rap**

**_____Elevation - base of structure**

**Amount, type and size of rip rap** _____

**Method and equipment used** _____

_____

**Type and size of crossover steps** _____

_____

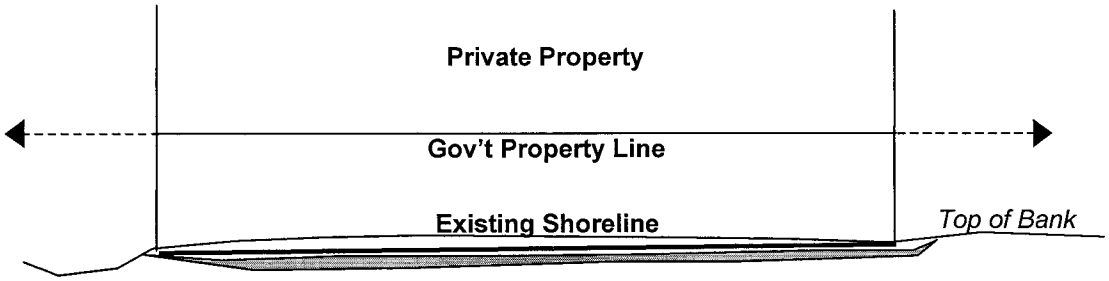
**Name of ramp to be used if applicable** _____

# Proposed Retaining Wall
# Hartwell Lake
# Plan View

Name: _____ Permit #: _____

Lot # : _____ Subdivision: _____

Tract #: _____ County: _____ State: _____




**Length of Structure: _____ Linear Feet**

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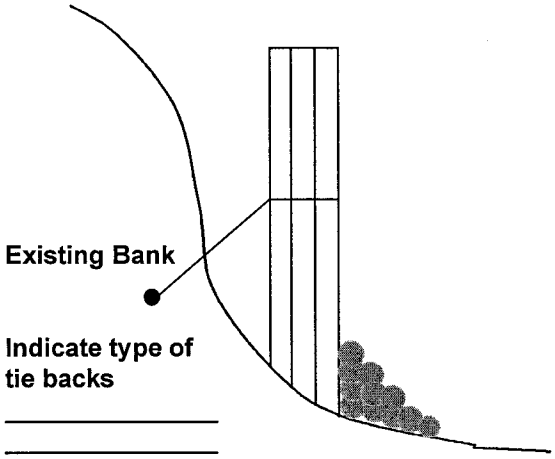


_____**Elevation - top of structure**

_____**Indicate type & amount of backfill**

_____**Normal pool elevation**

_____**Indicate type & amount of rip rap in front of retaining**

_____**Elevation - base of structure**

**Amount, type and size of retaining wall materials**_____

_____

**Method and equipment used** _____

_____

**Type and size of crossover steps** _____

_____

**Name of ramp to be used if applicable** _____

** Please attach any manufacturer's specifications and recommendations, as well as any other pertinent information if applicable.*