

Allatoona Lake

Application for Rip-Rap Installation

Placement of rip-rap along the shoreline of public land in order to prevent erosion is authorized as Bank Stabilization under Regional Permit RP0057, as described in Permit Number: 200323580, Permits for Minor Structures and Activities at US Army Corps of Engineers Mobile District Operated Lakes within the State of Georgia. Use of Regional Permit and Nationwide Permits is only valid if the activity is conducted in accordance with the information provided in this application and meets the conditions applicable to RP0057 and Nationwide Permit C. Permit Conditions.

Allatoona Lake provides authorization for Regional Permit work via use of a Specified Acts Permit (SAP). In addition to the criteria required under the above listed Permits and publications, Allatoona Lake has its own requirements listed both in the 2004 Allatoona Lake Shoreline Management Plan and in this permit package. **To obtain an SAP for the installation of rip-rap on Allatoona Lake you must adhere to the following criteria and restrictions.**

Requirements and Restrictions:

- 1) A complete Rip-Rap application package must be submitted, prior to a site visit. After review of the application package, a site visit will be scheduled to discuss the project. The items listed should be included in the submitted application package:
 - a. Rip-Rap application form with no missing information.
 - b. Submit plans in accordance with the following *:
 - Applicant Name, Shoreline Use Permit (SUP) #, and address
 - Front and side view of the project area, with location of any docks or structures
 - Linear footage
 - Top and bottom rip-rap elevation and location of 840' msl elevation
 - Average depth of stone
 - Slope
 - Show planned route of access and trees to be removed for access and rip-rap placement.
 - c. Submit plans for any shoreline steps to be installed with the project in accordance with the following:
 - Applicant Name, SUP #, and address
 - Top and side view with dimensions for width and length.
 - Material of construction
 - Top and bottom structure elevation and location of 840' msl elevation
 - Location on the rip-rap project
 - Steps may be up to 6' wide, they may be standard or utilized as a ramp for the dock gangway.
- 2) Follow all RP0057 specific requirements as listed:
 - a. No material is placed in excess of the minimum needed for erosion control.
 - b. The bank stabilization activity is less than 1000 linear feet in length at lowest pool level (dry conditions) and less than 500 linear feet in normal pool (840' elevation).
 - c. The activity will not exceed an average of (2) cu yd per running foot placed along the bank below the 840' elevation.
 - d. No material is placed in any special aquatic site, including wetlands.
 - e. No material is of the type, or is placed in any location, or in any manner, so as to impair surface water flow into or out of any wetland area.
 - f. No material is placed in a manner that will be eroded by normal or expected high flows.
 - g. Only clean inert material, free of solid waste and contaminants, is used. No concrete rubble will be allowed.
 - h. The activity is part of a single and complete project.

- 3) Follow all Allatoona Lake specific requirements as listed:
 - a. The bank stabilization project is limited to a minimum of 10' and will not be approved for a bank drop-off of less than 2' in height.
 - b. Rip-Rap is placed within the 835' – 850' msl elevations and follows the natural shape of the shoreline.
 - c. The bank does not have to be graded, but if graded cannot exceed a 2:1 slope (depth from bank : height).
 - d. A filter fabric meeting standard industry standards must be installed prior to placement of stone.
 - e. Depth or thickness of rip-rap does not exceed 1.5' – 2.5'.
 - f. Stone size class is within 6" – 18".
 - g. Whenever possible, stone should be keyed at both ends. (Cutting a shallow trench into the lake bottom and the upper shoreline and filling with the rip-rap to hold the final project in place.
 - h. All material (vegetative and soil) which is removed for purposed of installation must be removed completely from public land.

Application Process Timeline

The approval timeline for a rip-rap project may vary greatly depending on the period required to complete the required steps. You should plan for approximately 1 month for processing of the application from start to finish, but understand that there may be unforeseen delays. It should be noted that no requests for shoreline protection will be processed during the summer months. To ensure a timely processing of your application it is imperative that you complete all portions of the application process according to the requirements listed in this package. The general process is outlined below in order of occurrence.

Process Timeline:

- 1) Call and request rip-rap application
- 2) Complete rip-rap application
- 3) Flag or stake the area where rip-rap is to be installed: mark the ends, the position of the dock gangway, position of shoreline steps (if any being installed), trees that will need to be removed for grading, and the upper and lower elevations of the project.
- 4) Return the rip-rap application package; incomplete applications or those with information that exceeds the restrictions will be returned with a letter noting the discrepancy.
- 5) You will be called by a USACE ranger upon receipt of your application at the Allatoona Project Office to set up a meeting.
- 6) On-site meeting with Applicant, Ranger and Contractor to review the plans, discuss site conditions and feasibility, and any special requirements for the use of equipment and access to the location.
- 7) An SAP will be issued by mail to complete the work within one (1) year from date of issuance.

* Plans should be submitted line style, but you may include photo plans (images with drawing inserted) to illustrate portions of the project which may not be clear otherwise.

If you have any questions during this application process, please contact the Allatoona Lake Project Mangement Office at (678) 721-6700. Ask for a land management ranger.

Rip-Rap Application Form

Date: _____

Applicant Information:

Name: _____ Dock Permit # (if applicable): _____

Home Phone: _____ Work Phone: _____

Email: _____ Subdivision: _____

Address: _____ City: _____ State: _____ Zip: _____

Contractor Information:

Name and Company: _____

Phone: _____ Email: _____

Project Information:

1) Total Length (linear feet): _____ Top Elevation: _____ Bottom Elevation: _____

2) Average Height (Total of Upper Elevation – Lower Elevation at ends and middle / 3): _____
(ex. 845-837 = 8; 845-835 = 10; 842-838 = 4; Total = 22 Average Height = $22/3 = 7.33$ ft)

3) Average Width (Total of the width from top edge to bottom edge at ends and middle / 3): _____

4) Slope (Average Width / Average Height): _____ (should not exceed 2:1)

5) Depth of Stone: _____ Total soil removed (approximate, if slope is graded): _____

6) Total Cubic Yds rip-rap (Total Length x Average Width x Average Depth / 27): _____

8) Equipment to be used: _____

9) Special Access Requirements: Y / N (If yes) Why? _____

9) Describe method of access: _____

Example Drawings

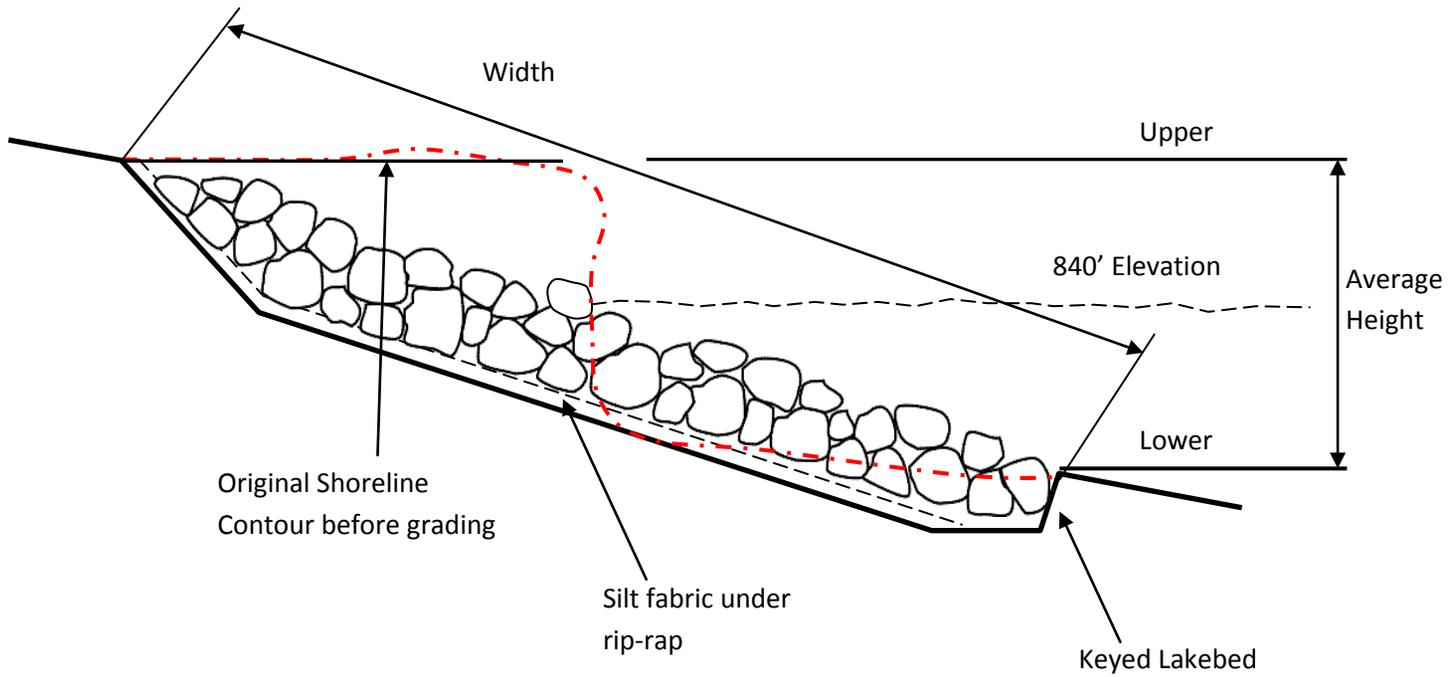
(Not to be used as package drawings)

Side View

Applicant Name: _____

Dock Permit #: _____

Address: _____



Slope: _____

Rip-Rap thickness _____

Plan View

Applicant Name: _____

Dock Permit #: _____

Address: _____

