

BUFFER MANAGEMENT PLAN

Please attach site plan.

Property Owner _____

Address of property _____

Election District _____ Map _____ Grid _____ Parcel _____ Lot _____

Size of property _____ square feet/acres

Total disturbed area _____ square feet/acres

The buffer is a naturally vegetated area 100 feet or more from mean high tide or a tidal wetland. There are a limited number of reasons why vegetation may be removed from the buffer. Please list the reasons you are removing vegetation in the buffer.

Please list types of plants to be removed and types to be planted (include size of replacement trees and whether balled and burlap or container grown). See the Buffer Mitigation Requirements on the back of this sheet to calculate replacement requirements.

Understory to be removed.

Understory to be replanted (See the Forest Mitigation Requirements on the back of this sheet to calculate replacement requirements).

Canopy trees to be removed.

Canopy trees to be replanted (See the Forest Mitigation Requirements on the back of this sheet to calculate replacement requirements).

Proposed Maintenance Plan.

Signature _____ Printed name _____

Mailing Address _____

_____ Daytime phone _____

BUFFER MANAGEMENT PLAN: FOREST MITIGATION REQUIREMENTS

The calculations below are based on replacement of tree canopy and understory. Tree replacement is calculated by plant spacing on 8-foot centers (8X10) and based on trees that have either 1½-2 inch calipers or are 5-8 feet tall. Understory replacement is calculated by plant spacing on 5-foot centers (5X5) and based on understory plantings that are a minimum of 1 gallon in size. In the buffer, canopy and understory replacement is figured at 2 times the square footage of proposed removal (i.e.: if 200 square feet of canopy are proposed for removal, then 400 square feet of potential canopy must be replaced).

Figure the square feet of the proposed disturbed area and divide that figure by 43,560 square feet (one acre). Multiply that number by 544 for tree removal (trees per acre based on tree spacing on 8-foot centers) or 1,742 for understory removal (understory plantings per acre based on spacing on 5-foot centers). The resulting number will be multiplied by two and will equal the replanting plan. This replanting plan may include a mixture of trees and understory plantings and will be decided on a case-by-case basis according to existing lot conditions.

Enter the square footage of canopy or understory proposed for removal into the equation below to calculate the appropriate mitigation requirement to produce a potential replacement canopy or replacement understory plantings. Always round up when a calculation results in a half number 5 (0.5) or greater (i.e.: 1.5=2 trees).

Canopy Mitigation Calculation: Deciduous/hardwood trees must be replaced by deciduous/hardwood trees, and coniferous/evergreen trees must be replaced by coniferous/evergreen trees. Native cultivars are recommended.

_____ /43,560 X 544 = _____ trees X 2 = _____ trees to be replanted
square footage of disturbed area

Understory Mitigation Calculation: Understory plantings must be replaced by understory plantings. Native species are recommended.

_____ /43,560 X 1742 = _____ understory plantings X 2 = _____ understory to be replanted
square footage of disturbed area