



County of Gloucester
 Codes Compliance Office - Environmental Programs
 P. O. Box 329, Gloucester, Virginia 23061

WATER QUALITY IMPACT ASSESSMENT

(Required for all activity proposed in the Resource Protection Area; CBPO 5.5-11)

This WQIA is to be completed by applicant or agent. An engineer or design professional may conduct this water quality impact assessment if the proposed land disturbance requires a reduction in pollutant loadings (10% reduction for redevelopment), is greater than 10,000 square feet or the proposed encroachment is into the seaward 50 feet of the 100-foot Resource Protection Area (RPA) buffer.

Application Type: CBPA Waiver CBPA Exception RPA Modification (Admin. Process)

Application # (OFFICE USE ONLY): _____ Tax Map#: _____ Date: _____

Completed by: _____ Phone #(s) & Email: _____

A scaled site drawing, which shows the following, must be attached to this water quality impact assessment:

1. Location of the components of the RPA, including the 100-foot buffer area;
2. Location and nature of any proposed encroachment into the buffer area, including, type of paving material; areas of clearing or grading; location of any structures, drives, or other impervious cover; sewage disposal systems or reserve drainfield sites; and wells.
3. Type and location of proposed best management practices to mitigate the proposed encroachment;
4. Location of existing vegetation onsite, including the number, type of trees, caliper and other vegetation to be removed in the buffer to accommodate the encroachment or modification; and
5. Type, size, and location of replacement vegetation.

Site Conditions (of site and adjacent lands):

Existing Topography: _____ Hydrology (rivers/creeks/streams): _____

Soils Map Unit/Name: _____ %Slope: _____ Geology: _____

Fill Material (source and composition): _____

Total Amount of Disturbed Area (ft²): _____ Total Amount of Cleared Area (ft²): _____

Estimation of Pre and Post Development Pollutant Loads: _____

Other: _____

Existing Vegetation:

Total Underbrush / Grass Removed (ft²): _____ Types: _____

Number of Healthy Trees Removed: _____ Types: _____

Number of Trees Limbed or Pruned: _____ Types: _____

Number of Dead/Dying/Diseased Trees Removed: _____ Types: _____

Other: _____

Proposed Landscaping / Vegetation Mitigation Measures (App. D, CBLAD Buffer Modification Manual):

Number of New Canopy Trees Proposed: _____; Types: _____

Number of New Understory Trees Proposed: _____; Types: _____

Number of New Shrubs Proposed: _____; Types: _____

Other: _____

Proposed Erosion and Sedimentation Control Practices:

Silt Fencing Temporary Construction Entrance Straw Bale Barrier(s)

Inlet Protection Temporary/Permanent Seeding Mulching

Tree Protection Sediment Trap

Other: _____

Proposed Best Management Practices:

Dry Well(s) Infiltration Trench(es) Vegetated Filter Strip(s) Grass Swale(s)

Other: _____

BMP design dimensions: _____

Wastewater (Septic) Element:

Attach legible, clean copy of Health Department Approval Information- to include calculations and dimensions.

Description of potential impacts of the proposed wastewater systems including and proposed mitigative measures for these impacts: _____
