



# WATER QUALITY IMPACT ASSESSMENT

King William County  
Department of Community Development  
180 Horse Landing Road #4, King William, Virginia 23086  
Phone (804) 769-4969 Fax (804) 769-2235

*As outlined in Section 86-414, this WQIA is to be prepared and submitted by a qualified professional and be approved by the director prior to (a) Any proposed land disturbance, development or redevelopment within an RPA; (b) Any proposed land disturbance, development or redevelopment that will result in land disturbance in excess of 2,500 square feet; (c) The placement of a drainage structure or discharge of concentrated flows resulting from land disturbance in excess of 2,500 square feet located elsewhere on the property.*

(FOR OFFICE USE ONLY):

Application #: \_\_\_\_\_ Tax Map #: \_\_\_\_\_ Date: \_\_\_\_\_

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

- 1) Location of the components of the CBPA based on a site-specific evaluation, including the 100-foot buffer area;
- 2) The construction footprint;
- 3) Wetlands delineations, which shall be performed in accordance with the procedures specified in the current regulations of the federal government pursuant to section 404 of the Clean Water Act;
- 4) Location and nature of the proposed project including, as appropriate: type of paving material; areas of clearing or grading; location of any structures, drives, or other impervious cover; and sewage disposal systems or reserve drainfield sites;
- 5) Type and location of proposed best management practices to mitigate the proposed encroachment.

Please indicate all that applies to the proposed project in order to be accepted for review. The director will evaluate the WQIA to determine if the proposed development is consistent with the criteria set forth in Section 86-414.

***Project Location Information:***

Application Date: \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_

Applicant Name \_\_\_\_\_

Site Address \_\_\_\_\_

Project Description \_\_\_\_\_

Lot Size \_\_\_\_\_

**Site Conditions:**

Existing Topography: \_\_\_\_\_ Hydrology (rivers/creeks/streams): \_\_\_\_\_

Soils Map Unit/Name: \_\_\_\_\_ % Slope: \_\_\_\_\_ Geology: \_\_\_\_\_

Fill Material (source and composition): \_\_\_\_\_

Dredge Material (source and location for dumping): \_\_\_\_\_

Total Amount of Disturbed Area (ft<sup>2</sup>): \_\_\_\_\_ Total Amount of Clearing (ft<sup>2</sup>): \_\_\_\_\_

Estimate of Pre and Post Development Pollutant Loads: \_\_\_\_\_

Calculation of Impervious Surface of Site: \_\_\_\_\_

Type(s) of Surfacing Material Used: \_\_\_\_\_

Anticipated Construction Schedule: \_\_\_\_\_

Justification of disturbance or destruction of wetlands for proposed action: \_\_\_\_\_

Please select permits that will be required from all applicable agencies necessary to develop the proposed project:

- Local Chesapeake Bay Act Program
- King William County Wetlands Board
- US Army Corps of Engineers
- VA Department of Environmental Quality
- VA Marine Resources Commission

**Existing Vegetation** (*Indigenous trees and vegetation should be preserved to the greatest extent possible to provide maximum erosion control and overland flow benefits*):

Total Underbrush/Grass Removed (ft<sup>2</sup>): \_\_\_\_\_ Type(s): \_\_\_\_\_

Number of Healthy Trees Removed: \_\_\_\_\_ Type (s): \_\_\_\_\_

Number of Dead/Diseased Trees Removed: \_\_\_\_\_ Type(s): \_\_\_\_\_

Other: \_\_\_\_\_

**Proposed Landscape Elements/Vegetation Mitigation Measures** (*Landscaping ground cover and trees should be of the appropriate species and are planted in a manner that will maintain water quality*):

Number of New Canopy Trees Proposed: \_\_\_\_\_ Type(s): \_\_\_\_\_

Number of New Understory Trees Proposed: \_\_\_\_\_ Type(s): \_\_\_\_\_

Number of New Shrubs Proposed: \_\_\_\_\_ Type(s): \_\_\_\_\_

Other: \_\_\_\_\_

Replanting Schedule for Trees/Vegetation Removed: \_\_\_\_\_

***Proposed Erosion and Sedimentation Control Practices:***

- Silt Fence
- Inlet Protection
- Tree Protection
- Temporary Construction Entrance **(Required)**
- Temporary/Permanent Seeding **(Required)**
- Sediment Trap
- Straw Bale Barrier
- Mulching
- Other: \_\_\_\_\_

***Proposed Best Management Practices:***

- Dry Well(s)
- Infiltration Trench(es)
- Vegetated Filter Strip(s)
- Grass Swale(s)
- Other: \_\_\_\_\_

APPLICANT/AUTHORIZED AGENT \_\_\_\_\_

DATE \_\_\_\_\_