

**City of Hampton**

Project: \_\_\_\_\_ Date: \_\_\_\_\_

**Water Quality Impact Assessment (fill in appropriate information)**

**WQIA required when there is 2,500 square feet of disturbance, or any disturbance within the RPA**

WQIA - Contents	Response
1. Location and written characterization of the RPA feature, location of the RPA / IDA limits, and location of the RMA	
2. Pre and post development pollutant loads in runoff (unit amount to be expressed as pounds)	
3. Type and location of proposed best management practices to mitigate the pollution loading impact, and attain the pollutant removal requirements.	
4. Existing topography, hydrology of the site, and adjacent lands.	
5. Direction, flow rate, and volume of storm water runoff under existing conditions.	
6. Location of areas on site where storm water collects or percolates into the ground.	
7. Groundwater levels, including seasonal fluctuations.	
8. Location of floodplain and vegetation.	
9. Impacts of the proposed development on topography and hydrology on the site and adjacent lands.	
10. Disturbances or destruction of wetlands and RPA features and justification for such action.	
11. Disruptions or reductions in the supply of water to wetlands, streams, lakes, rivers or other water bodies. This may include, but is not limited to changes in the incidence or duration of flooding on the site and upstream and downstream from it.	
12. Disruptions to existing hydrology including wetland and stream circulation patterns.	
13. Source, location and description of proposed fill materials.	
14. Location of dredge material and location of dumping area for such materials.	
15. Location of and impacts on shellfish beds, submerged aquatic vegetation, and fish spawning areas.	
16. Estimation of pre and post development pollutant loads in runoff and supporting documentation of all utilized coefficients and calculations.	
17. Estimation of percent increase in impervious surface on site and type(s) of surfacing materials used.	

18. Changes in topography.	
19. Percent of site to be cleared for project and areas where vegetation will be cleared or otherwise killed.	
20. Channel, direction, flow rate, volume and quality of stormwater that will be conveyed from the site, with a comparison to the predevelopment conditions.	
21. Detention and retention areas, including plans for the discharge of contained waters, maintenance plans, and prediction of water quality in those areas.	
22. Detailed anticipated duration and phasing schedule of construction project.	
23. Plan for the control of erosion and sedimentation which describes in detail the type and location of control measures, the stage of development at which they will be put into place or used, and provisions for their maintenance. Such a plan shall be filed in accordance with the provisions of the erosion and sediment control ordinance.	
24. Verification of structural soundness of storm water management facilities, including profession engineer or class III B surveyor certification.	
25. Plan to establish a long-term schedule for inspection and maintenance if storm water management facilities that include all maintenance requirements and persons responsible for performing maintenance. If the designated maintenance responsibility is with a party other than the City of Hampton, then a maintenance agreement shall be executed between the responsible party and the city.	
26. Any other information which the developer or the director of public works believes is reasonably necessary for an evaluation of the proposed development.	
27. List all requisite permits from all applicable agencies necessary to develop project.	

<p>28. Proposed mitigation measures for the potential hydrogeological impacts. Potential mitigation measures include:</p> <p>I. Proposed erosion and sediment control concepts, which may include minimizing the extent of the cleared area, perimeter controls, reduction of runoff velocities, and measures to stabilize disturbed area.</p> <p>II. Proposed storm water management system.</p> <p>III. Creation of wetlands to replace those lost.</p> <p>IV. Minimizing cut and fill.</p>	
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**WQIA - Submission & Review Requirements**

<p>1. Copies of all site drawings and other applicable information as required by subsection b</p>	
<p>2. All information required in this section shall be certified as complete and accurate by a professional engineer or a certified land surveyor.</p>	
<p>3. A water quality impact assessment shall be prepared and submitted to, and reviewed by, the director of public works in conjunction with the site plan or subdivision improvement plan, or in conjunction with a request for building permit or in conjunction with a request for building permit or zoning permit if no site plan or subdivision plan is required.</p>	
<p>4. Any request for encroachment within the RPA shall be accompanied by a water quality impact assessment.</p>	
<p>5. As part of any major water quality impact assessment submitted for property within CBPD, the director of public works may require review by the Chesapeake Bay Local Assistance Department (CBLAD). Upon receipt of such a major water quality impact assessment, the director of public works may request CBLAD to review the assessment and respond with written comments. Any comments by CBLAD may be incorporated into the final review by the director of public works provided that such comments are provided by CBLAD within sixty (60) days of the request.</p>	

**Sign Here:** \_\_\_\_\_

**I hereby understand that the checklist above has been filled out accurately. This checklist accurately conveys what has been submitted on the Site Plan. I assume complete responsibility for the accuracy of the information provided on this checklist.**