# Appendix C. Water Quality Impact Assessment Data Sheet

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| --- | --- |
| Project Address | Date: |
| Applicant Name:  | Applicant Contact Information (phone and email): |
|  Owner  Developer  Engineer  Agent |
| **Section 1: Type of activity proposed** |
| Activity type (check all that apply):□ New construction □ Residential addition□ Detached residential structure□ Deck, patio, or retaining wall□ Landscaping (includes tree removal)Will existing principal structure remain intact? □ Yes □ No | □ Utility work□ New commercial or public construction□ Alteration of non-residential structure□ Fence□ Driveway, walks, paths□ Tree removal only □ Other (please describe): |
| Answer each question below: □ Attach copy of house location plat showing proposed construction and distance from stream**When was the lot or parcel recorded?** □ Prior to October 1, 1989 □ On or following October 1, 1989. The date of recordation of the parcel is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. □ Currently under subdivision **The activity proposed** □ Is fully located outside the RPA and does not result in any disturbance or impacts in the RPA. □ Does not increase RPA encroachment or impervious cover in the RPA and constitutes allowable development under [§ 61-7.a](https://arlingtonva.s3.amazonaws.com/wp-content/uploads/sites/22/2019/01/Ch61_ChesapeakeBayPreservationOrdinance.pdf) □ Adds impervious cover and/or increases encroachment in the Resource Protection Area. An exception is required.  |
| **Section 2: Key details of the proposed activity. Complete all fields.** |
| **Area of Disturbance** | **Sq. ft**  |
|  |  |
| **Total area of land disturbed by the proposed project (square feet)**Includes building footprint, plus a 10 foot buffer. Also includes all areas of soil disturbance, entrance/exit areas, stockpiling areas, etc. |  |
| **Area of disturbance within RPA (square feet)**Area of land within the RPA that will be disturbed. Includes removal of trees ≥ 3” in diameter |  |
| **Impact on RPA** | **Existing**  | **Proposed**  |
|  |  |  |
| Distance from stream (ft)The **distance** (in feet) from the structure (house, commercial building, etc.) to the RPA feature (i.e.edge of stream or open channel, wetland). Distance of zero (0) indicates the activity is at the stream or other RPA feature. | Left third of parcel or site |  |  |
| Middle third of parcel or site |  |  |
| Right third of parcel or site |  |  |
| Developed area in RPA (sf)The existing developed area includes the **area** (in square feet) of any structures, patios, decks, walkways, and lawn. The proposed area includes the existing area plus any new area. |  |  |
| Impervious area in RPA (sf) Identify the existing **area** (in square feet) of pavement, rooftop and other impervious surfaces and the proposed total impervious area in the RPA following the activity’s completion. |  |  |
|  |  |  |
| **Impact to RPA Trees** | **Proposed Tree Removals** | **Proposed Tree Planting** |
| Number of RPA treesIdentify the number of tree in the RPA that will be removed and the number of trees proposed to be planted in the RPA. |  | Overstory:\_\_\_\_\_\_Understory:\_\_\_\_\_ |
| **Section 3: Water Quality/ Resource Protection Area** **Narrative**  |
| **Describe how this project protects water quality and limits impacts to the Resource Protection Area via design, during construction and over the long-term. (A narrative may also be attached to address the following).**1. Project description / purpose:
 |
| 1. What is the current vegetation in the RPA impact area (select all that apply)?

□ Forested/heavy canopy □ Understory/brush□ Forested/sparse canopy □ Turf□ Turf w/canopy trees □ Landscaping□ Other, describe\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| **Design & construction impacts:** |
| 1. Identify design elements / decisions made to limit overall and RPA disturbance and impervious cover, and RPA encroachment (select all that apply and explain):

□ No RPA disturbance □ Limit construction activity to flat areas of site □ Remove impervious cover in RPA □ Minimize RPA disturbance/limit LOD □ Decrease encroachment in RPA □ Limit grading □ Other  |
| Explain: |
| 1. Identify special erosion & sediment control and pollution prevention measures provided to protect water quality and the RPA (select all that apply and explain):

□ Erosion control matting on graded slopes □ Super silt fence, extra silt fence□ Designated contractor parking area outside RPA □ Wood & mulch matting □ Hard surface for stockpile/staging area □ Other  |
| Explain: |
| 1. Identify tree protection measures provided to protect RPA trees

□ LOD chosen to avoid forested buffer areas □ Tree pruning to prevent damage□ Limiting grading in critical root zones □ Root zone padding □ Root pruning □ Other  |
| Explain: |
| **Post-Construction RPA Mitigation (May refer to Sheet RPA2 if included in the Plan Set)** |
| 1. Identify project elements intended to limit erosion and runoff post-construction, including stormwater controls (Select all that apply and explain).

□ Dry well □ Underdeck treatment? If applicable.□ Energy dissipator □ Rooftop disconnection □ Stormwater facility □ Avoids outlets to steep slopes□ Proposed RPA planting □ Other  |
| Explain: |
| 1. Identify how RPA vegetation enhancement requirement has been met (Select all that apply and explain)?

□ Proposed RPA planting □ Invasive plant control - Ivy removal from trees □ Tree canopy required exceeded □ Invasive plant control - Ivy on ground□ Other □ Invasive plant control – Vines on trees |
| Explain: |