

# Water Quality Impact Assessment Data Sheet: Plan and Narrative Checklist

## Glossary

**Land disturbance** – activities which disturb land through grading, removing, filling, disturbing or dredging of soils, clearing or grubbing of vegetation, or paving or removal of pavement.

**Encroachment** – Expansion of development further into the Resource Protection Area. Encroachment is measured as a distance, usually from a structure to the stream or other water body. The edge of the defined streambed or ordinary high water line serves to mark the boundary of the water body.

**Impervious cover** – a surface that impedes or prevents natural infiltration of water into the soil. Impervious surfaces include non-vegetated roofs, buildings, streets and any other concrete, asphalt, compacted gravel or dirt surface without measurable permeability.

## Plan

If a County permit is required, submit a scale drawing (plat or plan) including the information requested in this checklist as applicable. For activities not otherwise requiring a County permit, the plan need not be to scale.

- RPA boundary. Projects disturbing >2500 square feet must include the results of an RPA delineation determined using the RPA delineation guidance in Section 3.1
- Limits of disturbance
- Existing structure
- Proposed structure. The components of the project must be clearly labeled and dimensions must be included.
- Proposed additional impervious cover. Use hatching or coloring to indicate areas of additional impervious cover.
- Downspout locations – existing and proposed. For building projects only.
- Location of existing trees  $\geq 3$  inches in diameter within the RPA or the dripline of forested area if individual trees will not be impacted and area of disturbance is  $\leq 2500$  square feet.
- Indicate trees in the RPA to be removed.
- Erosion and sediment control or tree protection to be installed.
- Stormwater management or runoff mitigation features proposed
- Area of RPA vegetation enhancement proposed
- Attach a plant list or planting plan for landscaping or RPA enhancement projects.

## Narrative

The narrative must address potential RPA impacts in the following categories: trees and vegetation, stormwater and runoff and erosion. Include the following information as applicable:

- Number, type and size of trees impacted including critical root zone impacts.
- Tree and critical root zone protection measures implemented (root pruning, modified limit of disturbance, efforts to limit soil compaction, etc.).
- Post-construction tree or vegetation planting proposed.
- Existing erosion or drainage concerns and solutions incorporated in project
- Proposed changes to on-site drainage (new downspouts, swales, retaining walls, etc.)
- Runoff attenuation or stormwater treatment measures proposed
- Erosion and sediment control and post-construction stabilization