

# FAIRFAX COUNTY PRIORITY RATING FORM FOR EROSION & SEDIMENT CONTROL

PROJECT NAME: \_\_\_\_\_ PROJECT NUMBER: \_\_\_\_\_

TAX MAP: \_\_\_\_\_ EVALUATOR: \_\_\_\_\_ DATE: \_\_\_\_\_

**A. Percentage of Denuded Area to Total Site Area**

	<u>Rating</u>
• > 60% [ ]	5
• 31 to 60% [ ]	3
• 10 to 30% [ ]	1

If the denuded area is greater than 10 acres, the project is initially rated a high priority.

**B. Watercourse Crossing**

	<u>Rating</u>
Yes [ ]	*
No [ ]	0

\*If yes, project is initially rated a high priority.

**C. Distance of Denuded Area to Downstream Adjacent Property**

	<u>Rating</u>
• < 50-feet [ ]	5
• 50 to 150-feet [ ]	3
• > 150-feet [ ]	0

**D. Distance of Any Portion of the Denuded Area to a Natural Watercourse**

	<u>Rating</u>
• < 50-feet [ ]	5
• 50 to 150-feet [ ]	3
• > 150- feet [ ]	0

**E. \*Minimum Vegetative Buffer (Trees, Shrubs, Grasses and other Plants)**

	<u>Rating</u>
• < 50-feet [ ]	0
• 50 to 150-feet [ ]	-3
• > 150-feet [ ]	-5

\* Vegetation in Resource Protection Areas are not to be included as vegetative buffers for this application.

**F. Distance Between the Site Outfall and any Downstream, Wet Pond, Wetland, Parkland or other Land Deemed Environmentally Sensitive by the Director.**

	<u>Rating</u>
• < 2,500-feet [ ]	5
• 2,500 to 5,000-feet [ ]	3
• > 5,000-feet [ ]	0

**G. Critical Slopes Within 50-feet of Adjacent Property**

- Are there any slopes of 0 to 7%; greater than or equal to 300-feet in length; or,
- Are there any slopes of 7 to 15%; greater than or equal to 150-feet in length; or,
- Are there any slopes greater than 15% and greater than or equal to 75-feet in length

	<u>Rating</u>
If Yes to any of the above [ ]	5
Not Applicable if critical slope is > 50-feet from adjacent property [ ]	0

**H. Soil Erodibility (Based on Physiographic Setting)**

	<u>Rating</u>
• Triassic Basin [ ]	5
• Piedmont Upland [ ]	3
• Coastal Plain [ ]	1

**TOTAL/OVERALL RATING:** \_\_\_\_\_

**OVERALL RATING**

- If > 22
- If > 14 and < or = to 22
- If < or = to 14

**PRIORITY**

(Mark with an "X")

- High [ ]
- Medium [ ]
- Low [ ]

**PROJECT PRIORITY LEVEL:** \_\_\_\_\_

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APPROVED BY: \_\_\_\_\_ DATE: \_\_\_\_\_

*Plan Reviewer*

**DESCRIPTIONS FOR FAIRFAX COUNTY PRIORITY RATING  
FORM FOR E&S CONTROL**

**Revised August 24, 2011**

**Evaluator** – The evaluator is the individual who completes the form.

**Denuded Area** – Projects that propose denuding more than ten acres will automatically be designated as high priority. Projects that propose up to ten acres of land-disturbing activities shall be rated based on the percentage of the overall site that will be disturbed, as well as the factors described below.

**Watercourse Crossing** – Sites that have a proposed or existing temporary watercourse crossing shall automatically be designated as high priority.

**Distance of a Denuded Area to an Adjacent Downstream Property** – Sites with the highest probability of causing damage to an adjacent property due to the proximity of proposed land-disturbing activities shall receive the highest rating.

**Distance of a Denuded Area to a Natural Watercourse** – Sites with proposed denuded areas that are less than 50-feet from a natural watercourse shall be given the highest rating. Natural watercourses and their associated floodplains are considered environmentally sensitive land areas in accordance with the Chesapeake Bay Preservation Ordinance, Chapter 118 of the *Code of the County of Fairfax, Virginia*.

**Vegetative Buffer** – A vegetative buffer is defined as an area of natural vegetation to remain undisturbed throughout the construction process. The quantity and quality of the natural vegetation determines the effectiveness of the buffer as a filter between a pollutant source and an adjacent property, watercourse or other natural resource. Land areas designated as Resource Protection Areas on Fairfax County tax maps shall not be considered a part of the vegetative buffer when determining the rating in Paragraph E in an effort to maintain the integrity of these sensitive land areas. Existing vegetative buffers that are 50 feet or greater are considered a benefit at reducing potential damage to downstream properties and waterways, by supplementing the required perimeter E&S controls. Vegetative buffers that are 50 feet or greater are assigned a credit in the form of negative rating values in order to recognize their beneficial effects of controlling sedimentation.

**Distance Between the Site Outfall(s) and Any Downstream Wetland, Pond, Parkland or Other Land Deemed Environmentally Sensitive by the Director** – Sites where stormwater will outfall less than 2,500-feet from a wet pond, wetland, parkland or other land deemed environmentally sensitive by the Director shall be given the highest rating.

**Critical Slope(s) Within 50-Feet of an Adjacent Property** – If an on-site slope within 50-feet of an adjacent property meets any of the listed criteria, the project shall be given the highest rating.

**Soil Erodibility (Based on Physiographic Setting)** – The Soil Erodibility Rating value shall be selected based on the site physiographic setting. The soils in Fairfax County are divided into three major regions based on geology and physiography. The eastern part of the county is underlain by unconsolidated sediments of the Coastal Plain Province. The central part of the county is underlain by crystalline metamorphic and igneous rocks of the Piedmont Province. The western part is underlain by sedimentary and crystalline rocks of the Triassic Basin Province. The three distinct regions are illustrated in the attached map of Physiographic Provinces of Fairfax County, and are also shown on Plate 3-11 of the PFM. Soil Erodibility Rating values of 5, 3, and 1 shall be used for sites located in Triassic Basin, Piedmont Upland, and Coastal Plain provinces, respectively.

<u>Overall Score</u>	<u>Priority Level</u>
23 to 30	High Priority
15 to 22	Medium Priority
Less than 15	Low Priority