



RIVERSMART REWARDS DISCOUNT CALCULATION

The stormwater fee is based on the “Equivalent Residential Unit” (ERU), a unit of measurement established in § 556. Each ERU equals one thousand square feet (1,000 sq. ft.) of impervious surface. For a 1.2 in. rainfall event, each ERU produces seven hundred ten and seventy-five hundredths (710.75) gallons of stormwater runoff. Currently, a property pays \$2.67 per month per ERU.

There are two ways to apply for your RiverSmart Rewards:

1) **Standard Application Calculation**

The calculation below is for applicants who have installed stormwater best management practices (BMPs) that manage stormwater from impervious pavements of 2,000 square feet or more.

The Department will calculate the monthly stormwater fee discount as follows:

- Step 1: Input the maximum volume of stormwater runoff retained by the DDOE-approved and eligible BMP per storm event, in gallons.
- Step 2: Convert the retention volume from Step 1 to ERUs by dividing it by seven hundred ten and seventy-five hundredths gallons per ERU (710.75 gallons/ERU) (rounding the quotient up to the nearest tenth).
- Step 3: Multiply the number of ERUs from Step 2 by the maximum allowable discount percentage of fifty-five percent (55%) (rounding the result up to the nearest tenth).
- Step 4: Determine the dollar amount of the monthly stormwater fee discount by multiplying the number of ERUs from Step 3 by the current monthly fee, two dollars and sixty-seven cents (\$2.67) per ERU.
- Step 5: Figure the new bill. Subtract, normal bill amount minus the monthly discount calculated in Step 4.



**Government of the District of Columbia
Department of the Environment
Natural Resources Administration
Stormwater Management Division**



2) Simplified Application Calculation

The calculation below is for applicants who have installed stormwater best management practices (BMPs) that manage stormwater from impervious pavements of 2,000 square feet or less.

The Department will calculate the monthly stormwater fee discount as follows:

- Step 1: Determine the total area which the BMP(s) manages, in square feet.
- Step 2: Divide the total area (in square feet) which the BMP(s) manages by the original total area of impervious surface (in square feet), in order to determine percentage of total area managed.
- Step 3: Multiply the percentage of total area managed by the maximum allowable discount of 55%.
- Step 4: Determine the customer's monthly discount. Multiply the percentage result from Step 3 by the monthly stormwater fee. Subtract .13 ERUs (or \$.35) per rain barrel installed, if applicable.
- Step 5: Figure the new bill. Subtract, normal bill amount minus the monthly discount calculated in Step 4.