

# Simple Sizing Form

This form is to be used to size stormwater facilities following the Simple Method. The following table contains acceptable stormwater sizing factors for facilities described in the Stormwater Management Manual that will be managing stormwater within 100 feet of the impervious surface being treated.

Name: \_\_\_\_\_ Site Address: \_\_\_\_\_

Impervious Area from Development (sf): \_\_\_\_\_ Soil Type: A B C D  
(circle one)

**Instructions:**

1. Determine the amount of impervious area (in square feet) to be managed by each stormwater facility
2. Multiply the Impervious Area Managed by the sizing factor for your soil type to determine the Facility Size needed. **If facility is being designed for water quality only, use the sizing factor for Soil Type A**
3. Total Impervious Area Managed must match Impervious Area from Development

Stormwater Facility Type	Impervious Area Managed (sf)	Facility Sizing Factor (by soil type)				Facility Size (sf)
		A	B	C	D	
Rain Garden, Basin, <a href="#">or</a> Swale		0.06	0.08	0.20	0.40	
Planter <a href="#">or</a> Tree Well		0.05	0.07	0.15	0.28	
<del>Tree Well</del>		<del>0.04635</del>	<del>0.0755</del>	<del>0.153</del>	<del>0.271</del>	
Filter Strip (paved areas only)		0.20	0.20	0.20	0.20	
Ecoroof		1:1 ratio				
Porous Pavement		1:1 ratio				
Soakage Trench, Infiltration Vault, or Drywell <sup>1</sup>		Sizing Chart in SWMM				
<b>Total Impervious Area Managed (sf)</b>						

<sup>1</sup> Stormwater generated from anything other than single detached dwelling unit roofs must be registered with DEQ. A silt basin is typically adequate pre-treatment for roof runoff, but additional pre-treatment is required for ground level impervious surfaces.