

Stormwater LID BMPs & Infiltration Testing



Complete your evaluation of List #1 and #2 BMPs from the [Ecology 2014 Stormwater Management Manual for Western Washington \(SWMMWW\)](#).

For each LID BMP being evaluated, use the infeasibility criteria for each BMP in the SWMMWW to determine whether the LID BMP is infeasible for your project.

You must use the first BMP that is feasible in accordance with Lists #1 and #2 of the SWMMWW.

SURFACE TYPE: Lawn and landscaped areas

	FEASIBLE	INFEASIBLE	If infeasible, provide infeasibility criteria from the 2014 SWMMWW with page reference
Post Construction Soil Quality and Depth	<input type="checkbox"/>	<input type="checkbox"/>	Click or tap here to enter text.

SURFACE TYPE: Roofs

	FEASIBLE	INFEASIBLE	If infeasible, provide infeasibility criteria from the 2014 SWMMWW with page reference
Full Dispersion	<input type="checkbox"/>	<input type="checkbox"/>	Click or tap here to enter text.
Downspout Full Infiltration	<input type="checkbox"/>	<input type="checkbox"/>	Click or tap here to enter text.
Rain Gardens/Bioretenion	<input type="checkbox"/>	<input type="checkbox"/>	Click or tap here to enter text.
Downspout Dispersion	<input type="checkbox"/>	<input type="checkbox"/>	Click or tap here to enter text.
Perforated Stub out Connection	<input type="checkbox"/>	<input type="checkbox"/>	Click or tap here to enter text.

SURFACE TYPE: <u>Other hard surfaces</u>	FEASIBLE	INFEASIBLE	
			If infeasible, provide infeasibility criteria from the 2014 SWMMWW with page reference
Full Dispersion	<input type="checkbox"/>	<input type="checkbox"/>	Click or tap here to enter text.
Permeable Pavement	<input type="checkbox"/>	<input type="checkbox"/>	Click or tap here to enter text.
Rain Gardens/Bioretenention	<input type="checkbox"/>	<input type="checkbox"/>	Click or tap here to enter text.
Sheet Flow Dispersion	<input type="checkbox"/>	<input type="checkbox"/>	Click or tap here to enter text.
Concentrated Flow Dispersion	<input type="checkbox"/>	<input type="checkbox"/>	Click or tap here to enter text.

Pilot Infiltration Test (PIT) documentation

The certified soils professional or engineer for your project can exercise discretion concerning if infiltration testing is required only if in their judgment information exists confirming that the site is unconsolidated outwash material (high infiltration rates) and there is adequate depth to ground water (1 foot minimum from bottom of a rain garden, bioretention, or permeable pavement installation.)

If your soils do not appear to fall into this category, please provide the following documentation of your Large- or Small-Scale Pilot Infiltration Test (PIT) results and attach to this form. For your PIT site(s), follow the guidance provided on methods from page 523 of the [2014 Stormwater Management Manual for Western Washington](#).

Map showing infiltration testing locations	Attached <input type="checkbox"/>
Photos of the infiltration pits during testing	Attached <input type="checkbox"/>
Correction factors (provide values)	
Site variability and number of test locations	Click or tap here to enter text.
Test method	Click or tap here to enter text.
Degree of influent control	Click or tap here to enter text.
Total correction factor	Click or tap here to enter text.
Final infiltration rate (in/hour)	Click or tap here to enter text.