

Low Impact Development (LID) Best Management Practices (BMPs) & Infiltration Testing

Complete your evaluation of List #1 and #2 BMPs from the [Ecology 2019 Stormwater Management Manual for Western Washington \(SWMMWW\)](#).



For each LID BMP being evaluated, use the infeasibility criteria for each BMP to determine whether it is feasible for your project.

You must use the first BMP that is feasible.

Lawn and landscaped areas

	FEASIBLE	INFEASIBLE	If infeasible, provide infeasibility criteria from the 2019 SWMMWW with page reference
Post-Construction Soil Quality and Depth	<input type="checkbox"/>	<input type="checkbox"/>	Click or tap here to enter text.

Roofs

	FEASIBLE	INFEASIBLE	If infeasible, provide infeasibility criteria from the 2019 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.

Other hard surfaces

	FEASIBLE	INFEASIBLE	
			If infeasible, provide infeasibility criteria from the 2019 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/Bioretenion	<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 as to whether or not infiltration testing is required when, in their judgment, information exists confirming the site is unconsolidated outwash material (has 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). Infiltration testing is also not required if other infeasibility criteria such as contaminated soils, high groundwater, nearby steep slopes, etc. preclude the use of infiltration BMPs. Otherwise, please provide the following Large- or Small-Scale Pilot Infiltration Test (PIT) results and attach photos and maps to this form. For your PIT, follow methods starting on page 730 of the [2019 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.