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# POTENTIAL LID BMPs & INFILTRATION TESTING DOCUMENTATION

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

For each LID BMP 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: <u>Lawn and landscaped areas</u>	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"/>	

SURFACE TYPE: <u>Roofs</u>	FEASIBLE	INFEASIBLE	If infeasible, provide infeasibility criteria from the 2014 SWMMWW with page reference
Full Dispersion	<input type="checkbox"/>	<input type="checkbox"/>	
Downspout Full Infiltration	<input type="checkbox"/>	<input type="checkbox"/>	
Rain Gardens/Bioretenion	<input type="checkbox"/>	<input type="checkbox"/>	
Downspout Dispersion	<input type="checkbox"/>	<input type="checkbox"/>	
Perforated Stubout Connection	<input type="checkbox"/>	<input type="checkbox"/>	

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"/>	
Permeable Pavement	<input type="checkbox"/>	<input type="checkbox"/>	
Rain Gardens/Bioretention	<input type="checkbox"/>	<input type="checkbox"/>	
Sheet Flow Dispersion	<input type="checkbox"/>	<input type="checkbox"/>	
Concentrated Flow Dispersion	<input type="checkbox"/>	<input type="checkbox"/>	

**Pilot Infiltration Test (PIT) documentation**

The certified soils professional or engineer for your project can exercise discretion concerning infiltration testing 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	
Test method	
Degree of influent control	
Total correction factor	
Final infiltration rate (in/hour)	