Flow Chart for Determining LID MR #5 Requirements

Does the project discharge to Flow Control Exempt Waters (per Minimum Requirement (MR) #7)?

Yes

No

No, the project triggered only MR #2

No additional requirements

No, the project triggered only MRs #1 - #9.

Is the project inside the UGA?

Yes

No

Is the project on a parcel of 5 acres or larger?

Yes

No

REQUIRED: Meet the LID Performance Standard through the use of any BMP(s) in the 2012 SWMMWWW or the LID Technical Guidance Manual for Puget Sound except for Rain Gardens (the use of Bioretention is acceptable).

If the project can’t meet the LID Performance Standard, it must be redesigned to meet the LID performance standard or an exception / variance must be approved.

REQUIRED: Apply BMP T5.13 Post-Construction Soil Quality and Depth.

NOT REQUIRED: Applying the BMPs in List #1 or List #2.

*Recommended by Ecology for projects triggering MR #1-5.

REQUIRED: Implement the following BMPs where feasible:
- BMP T5.13: Post-Construction Soil Quality and Depth
- BMP T5.10A, B, or C: Downspout Full Infiltration, Downspout Dispersion Systems, or Perforated Stub-out Connections
- BMP T5.11 or T5.12: Concentrated Flow Dispersion or Sheet Flow Dispersion

NOT REQUIRED: Achievement of the LID Performance Standard. Applying the other BMPs in List #1 or List #2.

No, the project developer chose List #1.

Yes

REQUIRED: For each surface, consider the BMPs in the order listed in List #1 for that type of surface. Use the first BMP that is considered feasible.

NOT REQUIRED: Achievement of the LID Performance Standard.

No, the project developer chose List #2.

Did the project developer choose to meet the LID Performance Standard?

Yes

No

REQUIRED: Meet the LID Performance Standard through the use of any BMP(s) in the 2012 SWMMWWW or the LID Technical Guidance Manual for Puget Sound except for Rain Gardens (the use of Bioretention is acceptable).

REQUIRED for Projects Triggering MR #1-9*: Apply BMP T5.13 Post-Construction Soil Quality and Depth.

NOT REQUIRED: Applying the BMPs in List #1 or List #2.

NOT REQUIRED: Achievement of the LID Performance Standard.

*Recommended by Ecology for projects triggering MR #1-5.
**List #1 & List #2:** For each surface, consider the BMP’s in the order listed for that type of surface. Use the first BMP that is considered feasible.

<table>
<thead>
<tr>
<th>BMPs</th>
<th>List #1 (Project triggers Minimum Requirements #1-5)</th>
<th>List #2 (Project triggers Minimum Requirements #1-9)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Lawn &amp; Landscaped Areas:</strong></td>
<td>• Post-Construction Soil Quality and Depth in accordance with BMP T5.13 in Chapter 5 of Volume V of the SWMMWW</td>
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</tr>
<tr>
<td><strong>Roofs:</strong></td>
<td>1. Full Dispersion in accordance with BMP T5.30 in Chapter 5 of Volume V of the SWMMWW, or Downspout Full Infiltration Systems in accordance with BMP T5.10A in Section 3.1.1 of Volume III of the SWMMWW.</td>
<td>1. Full Dispersion in accordance with BMP T5.30 in Chapter 5 of Volume V of the SWMMWW, or Downspout Full Infiltration Systems in accordance with BMP T5.10A in Section 3.1.1 of Volume III of the SWMMWW.</td>
</tr>
<tr>
<td></td>
<td>2. Rain Gardens in accordance with the “Rain Garden Handbook for Western Washington,” or Bioretention in accordance with Chapter 7 of Volume V of the SWMMWW. The rain garden or bioretention facility must have a minimum horizontal projected surface area below the overflow which is at least 5% of the area draining to it.</td>
<td>2. Bioretention (See Chapter 7 of Volume V of the SWMMWW) facilities that have a minimum horizontally projected surface area below the overflow which is at least 5% of the of the total surface area draining to it</td>
</tr>
<tr>
<td></td>
<td>3. Downspout Dispersion Systems in accordance with BMP T5.10B in Section 3.1.2 of Volume III of the SWMMWW.</td>
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<tr>
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<td>4. Perforated Stub-out Connections in accordance with BMP T5.10C in Section 3.1.3 of Volume III of the SWMMWW.</td>
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</tr>
<tr>
<td><strong>Other Hard Surfaces:</strong></td>
<td>1. Full Dispersion in accordance with BMP T5.30 in Chapter 5 of Volume V of the SWMMWW.</td>
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</tr>
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<td></td>
<td>2. Permeable pavement¹ in accordance with BMP T5.15 in Chapter 5 of Volume V of the SWMMWW, or Rain Gardens in accordance with the “Rain Garden Handbook for Western Washington,” or Bioretention in accordance with Chapter 7 of Volume V of the SWMMWW. The rain garden or bioretention facility must have a minimum horizontal projected surface area below the overflow which is at least 5% of the area draining to it.</td>
<td>2. Permeable pavement¹ in accordance with BMP T5.15 in Chapter 5 of Volume V of the SWMMWW.</td>
</tr>
<tr>
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<td>3. Sheet Flow Dispersion in accordance with BMP T5.12, or Concentrated Flow Dispersion in accordance with BMP T5.11 in Chapter 5 of Volume V of the SWMMWW.</td>
<td>3. Bioretention (See Chapter 7, Volume V of the SWMMWW) facilities that have a minimum horizontally projected surface area below the overflow which is at least 5% of the of the total surface area draining to it.</td>
</tr>
<tr>
<td></td>
<td>4. Sheet Flow Dispersion in accordance with BMP T5.12, or Concentrated Flow Dispersion in accordance with BMP T5.11 in Chapter 5 of Volume V of the SWMMWW.</td>
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</tr>
</tbody>
</table>

Refer to your Municipal Stormwater Permit, 2012 Stormwater Management Manual for Western Washington, and/or your local jurisdiction for more information about these requirements and other requirements.

¹ This is not a requirement to pave these surfaces. Where pavement is proposed, it must be permeable to the extent feasible unless full dispersion is employed.