



# CITY OF West Linn

## **Stormwater Management Submittal Checklist**

*Any development that is creating or modifying 1,000 sqft or more of impervious surface must install a stormwater management facility. Designs should follow all standards laid out in the West Linn Stormwater Management Manual (SWMM) and Public Works Design Standards (PWDS). Please refer to the SWMM Section 2.0 for further details on submittal requirements.*

<b>Storm Report (applicable for all stormwater management plans)</b>	
<input type="checkbox"/>	Cover Page
<input type="checkbox"/>	Table of Contents
<input type="checkbox"/>	Project Description
<input type="checkbox"/>	Description of applicable stormwater requirements
<input type="checkbox"/>	Description of existing conditions
<input type="checkbox"/>	Outline adherence to infiltration and water quality performance standards
<input type="checkbox"/>	Outline adherence to flow control performance standards
<input type="checkbox"/>	Description of conveyance system
<input type="checkbox"/>	Appendices: <ul style="list-style-type: none"> <li>• Infiltration test</li> <li>• Groundwater separation documentation (for infiltration facilities)</li> </ul>
<b>Drainage Plans (applicable for all stormwater management plans)</b>	
<input type="checkbox"/>	Existing Conditions showing the following: <ul style="list-style-type: none"> <li>• Contours</li> <li>• All structures and utilities</li> <li>• Location of any stormwater system components</li> <li>• Location of any sensitive areas (wetlands, water resource area, flood plains, etc.)</li> <li>• Location of any subsurface water outlets (springs)</li> </ul>
<input type="checkbox"/>	Proposed Conditions showing the following: <ul style="list-style-type: none"> <li>• Contours</li> <li>• Cut/cut fill areas</li> <li>• All structures and utilities</li> <li>• Location of any stormwater system components</li> <li>• Location of any sensitive areas (wetlands, water resource area, flood plains, etc.)</li> <li>• Location of any subsurface water outlets (springs)</li> </ul>
<b>Simple Sizing Method (applicable for all facility designs using the simplified sizing approach)</b>	
<input type="checkbox"/>	Simple sizing form
<input type="checkbox"/>	West Linn standard detail
<input type="checkbox"/>	Planting plan (for vegetated facilities): <ul style="list-style-type: none"> <li>• Plan showing size, quantity and spacing of plants</li> <li>• List of plant including botanical and common names.</li> </ul>



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Engineering Sizing Method <i>(applicable for all facility designs using the engineered sizing approach)</i>	
<input type="checkbox"/>	<p>Pre-development peak flow analysis. Provide pre-development peak flow values in a table format within the storm report submittal section.</p> <p><i>For single resident lots managing less than 10,000 sqft of impervious surface, peak flow analysis shall be complete for the following storm events:</i></p> <ul style="list-style-type: none"> <li>• 2-year, 24-hour storm (2.50")</li> <li>• 10-year, 24-hour storm (3.45")</li> </ul> <p><i>For commercial development or resident lots managing more than 10,000 sqft of impervious surface, peak flow analysis shall be complete for the following storm events:</i></p> <ul style="list-style-type: none"> <li>• 2-year, 24-hour storm (2.50")</li> <li>• 10-year, 24-hour storm (3.45")</li> <li>• 25-year, 24-hour storm (3.90")</li> </ul>
<input type="checkbox"/>	<p>Post-development peak flow analysis. Provide post-development peak flow values in a table format within the storm report submittal section.</p> <p><i>For single resident lots managing less than 10,000 sqft of impervious surface, peak flow analysis shall be complete for the following storm events:</i></p> <ul style="list-style-type: none"> <li>• 2-year, 24-hour storm (2.50")</li> <li>• 10-year, 24-hour storm (3.45")</li> </ul> <p><i>For commercial development or resident lots managing more than 10,000 sqft of impervious surface, peak flow analysis shall be complete for the following storm events:</i></p> <ul style="list-style-type: none"> <li>• 2-year, 24-hour storm (2.50")</li> <li>• 10-year, 24-hour storm (3.45")</li> <li>• 25-year, 24-hour storm (3.90")</li> </ul>
<input type="checkbox"/>	<p>Hydraulic Calculations:</p> <ul style="list-style-type: none"> <li>• Time of concentration calculations</li> <li>• Pre-development peak flow calculations</li> <li>• Post-development peak flow calculations</li> <li>• Conveyance calculations</li> </ul>
<input type="checkbox"/>	Standard detail of stormwater management facility and any flow control structures
<input type="checkbox"/>	<p>Planting plan <i>(for vegetated facilities)</i>:</p> <ul style="list-style-type: none"> <li>• Plan showing size, quantity and spacing of plants</li> <li>• List of plant including botanical and common names.</li> </ul>