

## Summary of Minimum Requirements for Stormwater Management

<b>Level 1</b>	<p style="text-align: center;"><b>ALL PROJECTS MUST COMPLY WITH MINIMUM REQUIREMENT #2 CONSTRUCTION STORMWATER POLLUTION PREVENTION and must comply with all 13 elements of basic erosion control (see back for list).</b></p> <p>Unless located in a Critical Area, a Construction Stormwater Pollution Prevention Plan (SWPPP) is not required for projects that add or replace less than 2,000 square feet of hard surface (impervious plus permeable pavement surfaces) or disturbs less than 7,000 square feet of land (see back for requirements).</p>	
<b>Level 3 Engineer Required</b>	<p>Requirements # 1-10 are required for projects that:</p> <ul style="list-style-type: none"> <li>• add 5000 square feet or more of new hard surfaces; or</li> <li>• convert ¼ acres or more of native vegetation to lawn/landscaped area; or</li> <li>• convert 2.5 acres or more of native vegetation to pasture; or</li> <li>• new plus replaced hard surface is 5000 square feet or more and value of improvements exceed 50% of assessed value of existing improvements.</li> </ul>	<p style="text-align: center;"><b>Level 2 Engineer may be required</b></p> <p>Requirements # 1-5 and #10 are required for projects that:</p> <ul style="list-style-type: none"> <li>• add or replace 2,000 square feet or more hard surface area or</li> <li>• have 7,000 square feet or more of land disturbing activity.</li> </ul>
<p><b>1. Stormwater Site Plan (SSP) Report</b> – The SSP Report is the comprehensive report containing all technical information and analysis necessary for the City to determine compliance with stormwater management requirements.</p>		
<p><b>2. Construction Stormwater Pollution Prevention</b> – Includes 13 elements necessary to prevent polluted runoff during construction. The size of the projects determines whether a written SWPPP is required. See the back of this sheet for more info.</p>		
<p><b>3. Source Control of Pollution</b> – Best Management Practices from Volume 4 of the Storm Water Management Manual (SWMM) shall be applied to the project to reduce and/or prevent stormwater pollution at the source.</p>		
<p><b>4. Preservation of Natural Drainage Systems and Outfalls</b> – Natural drainage patterns shall be maintained, including discharge at the natural location.</p>		
<p><b>5. Onsite Stormwater Management</b> – Projects shall implement Best Management Practices to infiltrate, disperse, and retain stormwater onsite to the extent feasible without causing flooding or erosion impacts through meeting the Low Impact Development (LID) Performance Standard <b>or</b> applying the LID List Option. Refer to Volume I Chapter 2 of the SWMM for more information.</p>		
<p><b>6. Runoff Treatment (water quality treatment)</b> – Treatment to remove sediment and pollutants from stormwater runoff. For example a stormwater storage or infiltration facility.</p>		
<p><b>7. Flow Control</b> – To reduce the impacts of increased stormwater runoff from new hard surfaces and land conversions.</p>		
<p><b>8. Wetland Protection</b> – Required for discharges to a wetland directly or through a conveyance system.</p>		
<p><b>9. Operation and Maintenance</b> – An operation and maintenance manual shall be provided for all proposed stormwater facilities and Best Management Practices (BMPs).</p>		
<p><b>10. Off-Site Analysis and Mitigation</b> – an assessment of off-site impacts of the stormwater discharge and the measures needed to prevent the negative effects.</p>		

## Summary of Minimum Requirements for Stormwater Management (Cont.)

### 13 Elements of Construction Stormwater Pollution Prevention

1. Mark the clearing limits
2. Establish construction access
3. Control flow rates
4. Install sediment controls
5. Stabilize soils
6. Protect slopes
7. Protect drain inlets
8. Stabilize channels and outlets
9. Control pollutants
10. Control de-watering
11. Maintain BMPs
12. Manage the project
13. Protect Low Impact Development BMPs

### Construction Stormwater Pollution Prevention Plan (SWPPP) Requirements

Project	SWPPP
Not in a Critical Area and <ul style="list-style-type: none"> <li>• adds and/or replaces less than 2,000 square feet of hard surface or</li> <li>• disturbs less than 7,000 square feet of land</li> </ul>	No written construction stormwater pollution prevention plan required
In a Critical Area and <ul style="list-style-type: none"> <li>• adds and/or replaces less than 2,000 square feet of hard surface or</li> <li>• disturbs less than 7,000 square feet of land</li> </ul>	May use SWPPP short form (see SWMM Vol. 2 Appendix C)
<ul style="list-style-type: none"> <li>• adds and/or replaces between 2,000 and 5,000 square feet of hard surface or</li> <li>• disturbs between 7,000 square feet and 1 acre of land</li> </ul>	May use SWPPP short form (see SWMM Vol. 2 Appendix C)
<ul style="list-style-type: none"> <li>• adds and/or replaces 5,000 square feet or more of hard surface or</li> <li>• disturb more that 1 acre of land</li> <li>• or grade or fill greater than 500 cubic yards of material</li> </ul>	A complete SWPPP using the Dept. of Ecology template is required (see SWMM Vol. 2 Chapter 3)