# Checklist 5: Supplemental Drainage Information

<table>
<thead>
<tr>
<th>Category</th>
<th>Items or Elements Discussed in <em>SWM Report</em></th>
<th>Applicable</th>
<th>Documented</th>
</tr>
</thead>
</table>
| Rationale and Justification | Documentation to Support Selection of:  
  • level of detail used in analysis  
  • hydrologic and hydraulic computer models  
  • selection of computational methods | | |
| Figures, Maps and Plans | Documentation  
  • location/site map  
  • land use map  
  • soils map  
  • natural resources map  
  • proposed land development and grading plan  
  • drainage plans  
  • catchment discretization schematic  
  • drainage system connectivity flowchart  
  • stormwater management plan  
  • In-stream works plan  
  • temporary sediment and erosion control  
  • location of stream cross-sections | | |
| Tables and Graphs | Input and Output Parameters  
  • soil types and CN numbers  
  • stormwater management works  
  • design storm events  
  • hydrologic computational parameters  
  • stage-storage-discharge curves  
  • *hydrologic analysis* results  
  • hydraulic computation  
  • water surface elevations  
  • flow velocities | | |
| Letters, Permits and Supporting Computer Files | *SWM report* prepared and signed by a Professional Engineer | | |
| Letters, Permits and Supporting Computer Files | Copies of correspondence  
  • letters of approval  
  • copies of permits  
  • municipality acceptance of ownership of site drainage system  
  • other | | |
| Letters, Permits and Supporting Computer Files | Hydrologic modelling input and output  
  • disk copy; or  
  • computer printout | | |
| Letters, Permits and Supporting Computer Files | Hydraulic modelling input and output  
  • disk copy; or  
  • computer printout | | |