



## STORMWATER MANAGEMENT PLAN CHECKLIST

S U M M A R Y		Yes, No or N/A
	Table of Contents	
	Accurate project description, existing site conditions, soils, where and how materials shall be kept or disposed and description of predevelopment and post-development conditions	
	Accurate description of potential for soil erosion and sedimentation problems resulting from disturbance activity	
	Explanation of specific erosion and sediment control measures that shall be employed as provided in <i>Tennessee Erosion and Sediment Control Handbook</i> (TESCH), especially TESCH 7.8, 7.9, 7.23, 7.34 and 7.35; how first flush volume will be 100% managed	
	Details on maintenance of erosion control measures and removal of temporary measures	
	Summarized schedule of project activities (task and approximate days to complete)	
	Seal of professional engineer or landscape architect licensed in Tennessee	
<b>DETAILS</b>		
<b>Project Description:</b>		
- Purpose of project		
- Nature of Land disturbance		
- Tabulation of square footage and percentage of surface area to be adapted to various uses		
<b>Topographic maps with contours of 5ft or less showing:</b>		
- Present topographic condition of land		
- Proposed contours after disturbance		
<b>Topographic base map extending at least 100ft beyond limits of proposed development</b>		
<b>Drainage Ways</b>		
- Existing drainage ways, including intermittent/wet weather		
- Proposed drainage network		
<b>General description of existing land cover</b> (individual trees and shrubs do not need to be shown)		
<b>Trees</b>		
- Location of existing trees to be preserved upon completion		
- Number and types of trees to be removed		
- Accurate description of trees protection measures		
- Description and justification of proposed destruction of any exceptional and historic trees in setbacks and buffer strips		
- Description of how proposed trees and shrubs may affect stormwater control on and from site.		
- If separate landscape plan is submitted, sequence of tree protection measures		
<b>Description of Disturbance Limits</b>		
- Proposed clearing and grading limits		
- Proposed filling limits		
<b>Soil</b>		

- Soil type	
- Soil characteristics	
<b>Flows</b>	
- Approximate flow leaving site before and after construction	
- Water run-off mitigation measures to prevent scoring of waterways and drainage off-site	
- Project effect on existing drainage facilities and systems	
<b>Projected Sequence of Work</b>	
- Beginning of excavation	
- Grading plans	
- Drainage plans	
- Sedimentation control plans	
- Erosion control plans	
<b>Remediation measures to prevent erosion and sedimentation run-off</b>	
- Details on specific temporary stabilization measures (vegetation/non-vegetation)	
- Details on specific permanent stabilization measures (vegetation/non-vegetation)	
- Detailed maintenance schedule	
<b>Details on Stormwater and Public Right-of-Way Accessibility</b>	
- Stabilization of constructions at entrance/exit to right-of-way	
- Concrete washouts	
- Road access points	
- Notes on eliminating and keeping soils, sediment, and debris on streets and public ways at level acceptable to the Town of Greeneville	
- Statement of Commitment to remove all soil, sediment and debris brought into public-ways by end of work day	
<b>Description of on-site measures taken to recharge surface water into the ground water system through runoff reduction practices</b>	
<b>Description of any modern scientific measures taken to <i>harvest</i> stormwater on site for different uses</b>	
<b>Construction Waste Management Details</b>	
- Discard of building material	
- Concrete truck washout	
- Petroleum products and other unhealthy chemicals	
- Litter	
<b>Notes on Special Considerations as Applicable to the Development (on-site or adjacent)</b>	
- Measures for 100% management of first inch of rainfall preceded by 72hours of no measurable precipitation	
- Streams	
- Sink-holes or other karst features	
- Culverts	
- Ditches	
- wetlands	
- Brownfield redevelopment	
- Floodplain	
- Units per acre and Floor to Area Ratio (FAR)	
- Mixed use/Transit Oriented Development	
- Sensitive resources (cold water, fish ponds, etc)	
- Stream channel protection criteria	

<b>Calculations for at least the 2-year, 10-year and 25-year storm:</b>	
- Hydrologic and hydraulic design calculations for pre- and post- development conditions	
- Description of design storm frequency, duration and intensity	
- Time of concentration	
- Soil curve numbers or runoff coefficients	
- Peak runoff rates for each watershed area	
- Total runoff rate for each watershed area	
- Infiltration rate	
- Culvert, stormwater sewer, ditch and/or other stormwater conveyance capacity	
- Flow velocities	
- Data on increase in rate and volume of runoff for design storms	
- Documentation of sources of all computation methods and field test results	

**OTHER BEST MANAGEMENT PRACTICES**

- At least 30ft buffer width for streams/drainage areas less than 1sq mile	
- At least 60ft buffer width for streams/drainage areas greater than 1sq mile	
- 15ft to 30ft width natural riparian buffer zone adjacent to all streams at construction site for state waters located within or immediately adjacent to project boundaries	
- 25ft to 60ft width natural riparian buffer zone adjacent to receiving impaired or high quality waters of the state within or immediately adjacent to boundaries of project	
- Clearly marked buffer on site plan	
- Size of development or redevelopment	
- Ensure stormwater management designs TOTALLY ELIMINATE ANY AND ALL MEASURES THAT CAN DIRECTLY LEAD TO	
➤ Deterioration of existing culverts, bridges, dams, and other structures	
➤ Degradation of biological functions or habitat	
➤ Accelerated stream bank or stream bed erosion or siltation	
➤ Increased threat of flood damage to public health, life or property	
- Permittees who discharge stormwater through an NPDES-permitted MS4 who are not exempted under a permit coverage through Qualified Local Program (QLP) of the Construction General Permit (CGP) must present	
▪ Proof of coverage under CGP	
▪ Copy of Stormwater Pollution Prevention Plan (SWPPP)	
▪ Signed Notice of Termination (at project completion)	
- The developer will sign a stormwater management agreement with the Town of Greeneville	

**“AS BUILT” PLAN**

*The developer shall submit an “as built” plan at the completion of the development. See checklist of “As Built” Plan*