

CITY OF SALISBURY

DEPARTMENT OF INFRASTRUCTURE & DEVELOPMENT

STORMWATER MANAGEMENT CONCEPT DEVELOPMENT PLAN CHECKLIST

PROJECT NAME: _____ **Date:** _____

CONSULTANT: _____

PROJECT NUMBER (To be assign by the City): _____

Check (✓) if information is provided in the plan submittal package **or** indicate (N/A) if item is not applicable. Provide notes of explanation where necessary. Plan submittals not completed per these instructions may be rejected. **Planning Commission approval must be obtained prior to submission to Department of Infrastructure & Development.**

GENERAL INFORMATION

- 1. () Plans prepared on 24" x 36" or 18" x 24" sheets – one set
- 2. () Plans stamped by Engineer
- 3. () Plans include name, address, phone, fax, email of the land owner, developer and consultant
- 4. () Outline of the entire lot or parcel to be subdivided/built upon
- 5. () Outline of adjacent property owners and lot line locations
- 6. () Vicinity map, north arrow, datum, scale and date
- 7. () Streets and roads adjacent to the lot or parcel
- 8. () Significant topographical/environmental features
- 9. () Proposed general street or road layout (if applicable)
- 10. () Proposed general layout of lots and/or buildings

STORMWATER MANAGEMENT PLAN – EXISTING SITE CONDITIONS & RESOURCES

- 11. () Existing topography
- 12. () Location of existing impervious surfaces
- 13. () Area of existing impervious surface
- 14. () Show existing drainage pattern and outfalls
- 15. () Location of existing utilities
- 16. Location of all site resources (check all that are present)

<u>Federal</u>	<u>State</u>	<u>Local</u>
() Wetlands	() Tidal and non-tidal wetlands	() Steep slopes
() Major waterways	() Wetlands of special state concern	() Highly erodible soils
() Floodplains	() Wetland buffers	() Enhanced stream buffers
	() Stream buffers	() Topography/slopes
	() Perennial streams	() Springs
	() Floodplains	() Seeps
	() Forests	() Intermittent streams
	() Forest buffers	() Vegetative Cover
	() Critical Areas	() Soils
		() Bedrock/geology
		() Existing drainage areas

STORMWATER MANAGEMENT PLAN – PROPOSED

- 17. () Proposed limits of clearing and grading
- 18. () Area of proposed Limit of Disturbance (LOD)
- 19. () Location of proposed impervious areas
- 20. () Area of proposed impervious surface – include net increase/decrease of impervious surface
- 21. () Location of proposed utilities
- 22. () Preliminary location of environmental site design (ESD) practices
- 23. () Locations of proposed soil borings
- 24. () ESD summary chart on plan (see page 3)

STORMWATER MANAGEMENT REPORT/NARRATIVE

- 25. () The SWM report/narrative will contain a brief overview, support the concept and describe how the design will achieve the following:
 - Natural resource protection and enhancement
 - Maintenance of natural flow patterns
 - Reduction of impervious areas through better site design, alternate surfaces, and non-structural practices
 - Integration of erosion and sediment controls into the stormwater strategy
 - Implementation of ESD planning techniques and practices to the maximum extent practicable (MEP)
- 26. () Show preliminary estimates of SWM requirements
- 27. () Indicate proposed drainage areas and existing drainage pattern and outfalls
- 28. () Provide storm drain hydrographs
- 29. () Show stable conveyance of storm water at potential outfall locations and downstream locations
- 30. () Determination of the project to be reviewed as a new development or redevelopment
- 31. () Document that field verification of the natural resource map has occurred by the project engineer
- 32. () Provide FIRMette for floodplain
 - () Delineate site
 - () Include panel number
- 33. () Provide soil report (WSS)
 - () AOI should be the site/disturbed area/drainage area
- 34. () Provide a minimum of one soil boring per soil type
 - () Use USCS soil classification
 - () Provide name of person who took sample
 - () Provide date samples were taken
 - () Provide method used to take samples
 - () Soil borings must intercept ground water
- 35. () Quantity Control Required
 - () Post-development 2-year not to exceed 2-year pre-development (open)
 - () Post-development 10-year not to exceed 10-year pre-development (closed)
 - () 50% of volume available in micro-scale practice can be used for detention

36. () Complete the following ESD summary chart and include it in the SWM report/narrative and SWM plans.

Drainage Area	Type of ESD Practice	Name of ESD Practice (Structure Name)	On-Site or Off-Site Structure	Runoff Curve Number (RCN), Weighted	Maryland Grid Coordinate (NAD 83 meters Northing)	Maryland Grid Coordinate (NAD 83 meters Easting)	ESD Practice Total Drainage Area (Acres)	ESD Practice Impervious Drainage Area (Acres)	Surface Area of ESD Practice (Acres)	Target PE (in)	Actual PE (in)	Target ESDv (ft³)	Actual ESDv (ft³)
1													
2													
3													
4													
5													
6													
7													
8													
9													
10													
Total / Average													