

Project Name _____

Project Number _____

Concept Checklist

- Map of all site resources (indicate if resource is present or not)
 - Federal
 - Wetlands
 - Major waterways
 - Floodplains
 - State
 - Tidal and non-tidal wetlands
 - Wetlands of special state concern
 - Wetland buffers
 - Stream buffers
 - Perennial streams
 - Floodplains
 - Forests
 - Forest buffers
 - Critical Areas
 - Local
 - Steep slopes
 - Highly erodible soils
 - Enhanced stream buffers
 - Topography/slopes
 - Springs
 - Seeps
 - Intermittent streams
 - Vegetative Cover
 - Soils
 - Bedrock/geology
 - Existing drainage areas
- Document that field verification from the project engineer of the natural resource map has occurred
- Proposed limits of clearing and grading
- Location of proposed impervious areas
- Location of existing and proposed utilities
- Preliminary estimates of stormwater requirements
- Preliminary location of ESD practices
- Stable conveyance of stormwater at potential outfall locations
- A narrative that supports the concept and describes how the design will achieve
 - Natural resource protection and enhancement
 - Maintenance of natural flow patterns
 - Reduction of impervious areas through better site design, alternative surfaces and nonstructural practices
 - Integration of erosion and sediment controls into the stormwater strategy
 - Implementation of ESD planning techniques and practices to the MEP

- Provide Firmette for floodplain
 - Delineate site
 - Include panel number
- Provide soil report (WSS)
 - AOI should be the site/disburbed area/drainage area
- Provide a minimum 1 soil boring per soil type
 - Use USCS soil classification
 - Provide name of person taking the sample
 - Provide date samples were taken
 - Provide method used to take samples
 - Soil borings must intercept groundwater
- On SWM plan or in the report include the following information for each drainage area in a table
 - Drainage area number
 - Drainage area in sf or ac
 - Type of facility proposed
 - ESDv target (per drainage area)
 - ESDv actual (per drainage area)
- 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 the volume available in the micro-scale practice can be used for detention
- Meeting minutes required after Concept meeting but prior to Site Development Phase
- Complete the following table and include it in the report

Drainage Area	Type of ESD Practice	Total Area (sf)	Impervious Area (sf)	Surface Area of ESD Practice (sf)	Target PE (in)	Actual PE (in)	Target ESDv (ft ³)	Actual ESDv (ft ³)
1								
2								
3								
4								
5								
.								
.								
.								
n								
Total								