

STORMWATER MANAGEMENT PLAN SUBMISSION REQUIREMENTS

(A) Electronic copy of the Storm Water Management Plan and Narrative showing:

General:

- _____ Vicinity Map
- _____ Legend, North arrow and scale
- _____ Title Block with development name, owner, engineering firm, engineer's seal, and signature
 - _____ Existing and proposed contours at not more than 2' intervals
- _____ Flood boundaries identified
- _____ Existing and proposed improvements (built upon area)
 - _____ Existing and proposed ground cover

2. Drainage:

- _____ Existing and proposed drainage patterns and structures (BMP's, pipe systems, ditches/streams, ponds, etc.)
- _____ Size, length and grade of pipes and swales
- _____ Drainage area map
- _____ Soil types

3. Calculations:

- _____ First Flush
 - _____ Attenuation of 1-year, 24-hour storm
- _____ Underdrain calculations (if necessary)
- _____ Sizing of treatment area
- _____ Pipe/swale sizing calculations

Maintenance:

- _____ BMP maintenance agreement
- _____ Check to record agreement (Pitt County Register of Deeds)
- _____ Maintenance plan
- _____ Adequate access to perform required maintenance
- _____ Easement (if required)

Erosion Control:

- _____ Construction sequence
- _____ Location of BMP erosion control measures (if necessary)

(B) Electronic copy of the Storm Water Detention Narrative showing:

- (1) _____ Description of project
- _____ Calculations of runoff
- _____ Calculations for design of stormwater impoundment facility

- _____ Staging of the project
- _____ Soil conditions:
- _____ Soil type
- _____ Susceptibility to erosion and preventive measures
- _____ Seeding formula