



# STORMWATER REVIEW WORKSHEET A

## PROJECT BACKGROUND & CONTACT INFORMATION

Project Name: \_\_\_\_\_

Project Address or Block/Lot & Municipality: \_\_\_\_\_

Abuts County Road: \_\_\_\_\_ County Route No.: \_\_\_\_\_

Frontage on County Road(s): \_\_\_\_\_ feet

Stormwater Engineer: \_\_\_\_\_ Phone: \_\_\_\_\_ Extension: \_\_\_\_\_

Address: \_\_\_\_\_ Town & State: \_\_\_\_\_

Email: \_\_\_\_\_ Zip.: \_\_\_\_\_

## PLEASE CHECK ALL THAT APPLY TO YOUR PROPOSED PROJECT

- Project will include  $\geq 1.0$  acre Total Impervious Surface
- Project abuts a County Road or Property
- Project is Residential, adding 5 or more units
- Seeking Stormwater Variance(s) from Municipality

## SITE & STORMWATER INFORMATION

Total Limit of Disturbance [LOD] (sq ft) \_\_\_\_\_

Total Pre-development Impervious within LOD: \_\_\_\_\_

Area of above that is Motor Vehicle Surface: \_\_\_\_\_ and Rooftop: \_\_\_\_\_

Total Post-development Impervious within LOD: \_\_\_\_\_

Area of above that is Motor Vehicle Surface: \_\_\_\_\_ and Rooftop: \_\_\_\_\_

Physiographic Region (Piedmont/Coastal Plain): \_\_\_\_\_

Type of Hydrograph used in calculations (Standard or DelMarVa): \_\_\_\_\_

NOAA Rainfall Region (C or D)? \_\_\_\_\_

24-hour Rainfall Data adjusted for "Current" and "Projected" as per NJAC 7:8 (inches):

"2-year" storm CURRENT: \_\_\_\_\_ "2-year" storm PROJECTED: \_\_\_\_\_

"10-year" storm CURRENT: \_\_\_\_\_ "10-year" storm PROJECTED: \_\_\_\_\_

"100-year" storm CURRENT: \_\_\_\_\_ "100-year" storm PROJECTED: \_\_\_\_\_



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## SUMMARY OF POINTS OF ANALYSIS (POA)

*Per each POA, fill in the below information. If more pages required, please print as needed and compile\**

**Reference on map:** \_\_\_\_\_

Ultimate Receiving surface water (may be indirect):

\_\_\_\_\_

\* Classification of receiving water (FW1, FW2-TP, FW2-TM, FW2-NT) : \_\_\_\_\_

\* Conveys to/through County SW facility (inlet or name of road):  
\_\_\_\_\_

\* Conveys to/through Other County property (Road, ROW, or Property):  
\_\_\_\_\_

\* Conveys to/through Other Drainage system/ property (Please specify):  
\_\_\_\_\_

Applicable TMDLs : \_\_\_\_\_

Total Drainage area (DA) within LOD discharging to this POA (sq ft): \_\_\_\_\_

Total Drainage area (DA) outside LOD discharging to this POA (sq ft): \_\_\_\_\_

### Pre-Development

Impervious area within LOD for this POA (sq ft): \_\_\_\_\_

Pervious area within LOD for this POA (sq ft): \_\_\_\_\_

**Land use, HSG and Curve numbers for Pervious Area (Use "GOOD" conditions):**

Land Use: _____	HSG: _____	CN: _____	Area: _____	ft <sup>2</sup>
Land Use: _____	HSG: _____	CN: _____	Area: _____	ft <sup>2</sup>
Land Use: _____	HSG: _____	CN: _____	Area: _____	ft <sup>2</sup>
Land Use: _____	HSG: _____	CN: _____	Area: _____	ft <sup>2</sup>

### Post-Development

Impervious area within LOD for this POA (sq ft): \_\_\_\_\_

Pervious area within LOD for this POA (sq ft): \_\_\_\_\_

**Land use, HSG and Curve numbers for Pervious Area (Use "POOR" conditions):**

Land Use: _____	HSG: _____	CN: _____	Area: _____	ft <sup>2</sup>
Land Use: _____	HSG: _____	CN: _____	Area: _____	ft <sup>2</sup>
Land Use: _____	HSG: _____	CN: _____	Area: _____	ft <sup>2</sup>
Land Use: _____	HSG: _____	CN: _____	Area: _____	ft <sup>2</sup>



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## SUMMARY OF BEST MANAGEMENT PRACTICES (BMPs)

*\*Per each BMP, fill in the below information. If more pages required, please print as needed and compile\**

**BMP Reference Name:** \_\_\_\_\_

**Which POA it drains or spills to:** POA # \_\_\_\_\_

**This BMP is** (Existing (as is) / Modified / New): \_\_\_\_\_

**Type of BMP:** \_\_\_\_\_

**Drainage Area(s) discharging to this BMP:** \_\_\_\_\_

**Soil testing summary (full information to be contained in Geotechnical Report):**

Which Pits/Bores, etc from associated map are used to design this BMP?

\_\_\_\_\_

Date and Method of SHWT evaluation:

\_\_\_\_\_

Invert (Lowest elevation) within BMP (see BMP manual for relevant layer/media) :

\_\_\_\_\_

SHWT elevation: \_\_\_\_\_

Vertical Distance between SHWT and invert (ft): \_\_\_\_\_

Is this BMP Underdrained? \_\_\_\_\_

Detailed Cross section of BMP showing material layers, outlet control structure details, emergency spillways, etc. as necessary provided on Site Plan page or sheet number:

Sheet # \_\_\_\_\_



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## Important Notes and Considerations:

1. If a Stormwater Management Report is required as part of your project, this sheet is also required to be filled out and submitted. If the Applicant or their representative(s) fail to submit the required Stormwater Management Report & Stormwater Review Worksheet A for Administrative Completeness, the Applicant will receive an Incomplete Letter from the Mercer County Planning Director or designee which specifies which items are missing.
2. Only once Land Development Review staff have determined that an application is Administratively Complete, it will be reviewed by County Staff for Substantial Completeness. If the Applicant or his/her representative fails to submit the items required for Administrative or Substantive Completeness within 180 days from the date of the Incomplete Letter, the incomplete application will be considered closed and will be discarded.
3. Please note that County Land Development Standards dynamically refer to the New Jersey State Stormwater Regulations found in the most current NJAC 7:8 and Best Management Practice (BMP) Manual.
4. Please note in addition to #3 above, that the County Land Development Standards require that applicants perform post-development runoff quantity calculations for pervious areas within the Limit of Disturbance using Curve Numbers (CN) for soils in POOR conditions.
5. Please note that hydrographs must be completed separately for Impervious and Pervious portions of Drainage Areas, using specific CN and Time of Concentration values for each, and then combined through a ‘composite hydrograph,’ not simply added arithmetically.
6. Please take care to apply the correct Rainfall Distribution Region (C or D), and the correct Dimensionless Unit Hydrograph (Standard vs. Delmarva), based on the NRCS region, and physiographic region, respectively, in which the project is located.

## Certification & Signatures

**CERTIFICATION:** I hereby certify that I have reviewed the County Land Development Ordinance and all important considerations and notes. I certify that the information, statements and/or exhibits herewith submitted are true and correct to the best of my knowledge.

X \_\_\_\_\_  
Signature of Applicant or Designated Representative

\_\_\_\_\_  
Print Name

\_\_\_\_\_  
Date