

WATER

26 Attachment 2

Township of Plumstead

APPENDIX B NESHAMINY CREEK WATERSHED SWM SITE PLAN CHECKLIST

Project: _____
Municipality: _____
Engineer: _____
Submittal No: _____
Date: _____
Project ID: _____ (for Municipal use ONLY)

SECTION I: REGULATED ACTIVITIES

Reference: Section 26-104

1. Is the Proposed Project within the Neshaminy Creek watershed? Yes No
2. Does the Proposed Project meet the definition of a "Regulated Activity"? Yes No

STOP – If you have checked NO for either of the above questions, you are not required to submit a Stormwater Management Plan under the Neshaminy Creek Stormwater Management Ordinance.

SECTION II: EXEMPTION

Reference: Section 26-105

1. Does the regulated activity create an Impervious Surface less than or equal to 1,000 square feet?
 Yes No
2. Does the regulated activity create an Impervious Surface greater than 1,000 square feet but less than 2,500 square feet? Yes No
3. Does the regulated activity involve an Agricultural Activity? Yes No
4. Does the regulated activity involve Forest Management or Timber Operations? Yes No

Parcel IS Exempt from the SWM Site Plan and Peak Rate Control
Parcel IS Exempt from Peak Rate Control
Parcel IS NOT Exempt

SECTION III: VOLUME CONTROLS

Reference: Section 26-123

A. Site Disturbance Minimization

1. Has an Existing Resource and Site Analysis Map (ERSAM) been prepared?
 Yes No, Explain _____

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2. Are any of the following environmentally sensitive areas identified on site?

- Steep Slopes Yes No Unknown
- Ponds / Lakes / Vernal Pools Yes No Unknown
- Streams Yes No Unknown
- Wetlands Yes No Unknown
- Hydric Soils Yes No Unknown
- Flood plains Yes No Unknown
- Stream Buffer Zones Yes No Unknown
- Hydrologic Soil Groups A or B Yes No Unknown
- Recharge Areas Yes No Unknown
- Others: _____ Yes No Unknown

3. Does the site layout plan avoid environmentally sensitive areas identified on site?

- Yes No, Explain _____

B. Post-development Runoff Volume Control

1. What method is used to calculate the required volume control?

- Design-storm method Simplified method

2. What is the level of runoff volume (ft³) required to be controlled from the post-development site?
 _____(ft³)

C. Stormwater runoff control measures

1. What is the level of runoff volume (ft³) controlled through nonstructural BMPs? _____(ft³)

2. What is the level of runoff volume (ft³) controlled through structural BMPs? _____(ft³)

3. Have provisions been installed to promote infiltration on site?

- Yes No, Explain _____

4. Have provisions been installed to promote evapotranspiration, capture or reuse on site?

- Yes No, Explain _____

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SECTION V: PEAK RATES

Reference: Section 26-122

1. In which of the following Storm Water Management District(s) is the site located?

<input type="checkbox"/>	A
<input type="checkbox"/>	B
<input type="checkbox"/>	C

2. Does the Proposed Conditions Runoff meet the Criteria established in Section 26-122.D?

Yes No, if you answered Yes proceed to Section VI.

SECTION VI: CALCULATION METHODOLOGY

Reference: Section 26-129 and Ordinance Appendix A

1. Which method(s) are utilized in the site stormwater management plan for computing stormwater runoff rates and volumes?

TR-20 PSRM
 TR-55 Rational Method
 HEC-1 /HEC-HMS Other: _____

2. Was Table A-1 or Figure A-1 utilized in rainfall determination?

Yes No, Explain _____

3. Was Table A-4 (Runoff Curve Numbers) or Table A-7 (Rational Runoff Coefficients) utilized in calculations for runoff?

Yes No, Explain _____

SECTION IX: OTHER REQUIREMENTS

Reference: Section 26-130.3

1. Is the proposed activity considered a "Stormwater hot spot" as defined in Ordinance Appendix H?
 Yes No, If yes, what pre-treatment BMPs are planned?

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2. Have proposed wet detention basins incorporated biologic control consistent with the West Nile Virus Guidelines presented in Ordinance Appendix I?

Yes No Not Applicable

SECTION X: FACILITY OPERATION AND MAINTENANCE PLAN

Reference: Section 26-162

1. Has a Stormwater Control and BMP Operations and Maintenance Plan been approved by the Municipality?

Yes No, Explain _____

2. Who shall assume responsibility for implementing the Stormwater Control and BMP Operations and Maintenance Plan?

Municipality Homeowner Association
 Private Owner Other _____