# APPENDIX C-2:

# SWM SITE PLAN CHECKLIST

Project:

Municipality:

Engineer:

Submittal No:

Date:

Project ID: (for Municipal use ONLY)

SECTION I: REGULATED ACTIVITIES

Reference: Section 105

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 106

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 5,000 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  Yes  No

Parcel IS Exempt from Peak Rate Control  Yes  No

Parcel IS NOT Exempt  Yes  No

SECTION III: VOLUME CONTROLS

Reference: Section 303

1. **Site Disturbance Minimization**
2. Has an Existing Resource and Site Analysis Map (ERSAM)been prepared?

Yes  No, Explain

1. 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 |

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

Yes  No, Explain

1. **Post-development Runoff Volume Control**
2. What method is used to calculate the required volume control?

Design-storm method (any site) Simplified method (only sites of 1 acre or less)

1. What is the level of runoff volume (ft3) required to be controlled from the post-development site? \_\_\_\_\_\_\_\_\_\_(ft3)
2. **Stormwater runoff control measures**
3. What is the level of runoff volume (ft3) controlled through nonstructural BMP’s? \_\_\_\_\_\_\_\_\_(ft3)
4. What is the level of runoff volume (ft3) controlled through structural BMP’s? \_\_\_\_\_\_\_\_\_(ft3)
5. Have provisions been installed to promote infiltration on site?

Yes  No, Explain

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

Yes  No, Explain

SECTION V: PEAK RATES

Reference: Section 304

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

|  |  |
| --- | --- |
|  | A |
|  | B |

1. Does the Proposed Conditions Runoff meet the Criteria established in Table 304.1?

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

SECTION VI: CALCULATION METHODOLOGY

Reference: Section 305 and Ordinance Appendix B

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: |

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

Yes  No, Explain

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

Yes  No, Explain

SECTION IX: OTHER REQUIREMENTS

Reference: Section 306

1. Is the proposed activity considered a “Stormwater hotspot” as defined in Ordinance Appendix G?

Yes  No, If yes, what pre-treatment BMP’s are planned?

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

Yes  No  Not Applicable

SECTION X: FACILITY OPERATION AND MAINTENANCE PLAN

Reference: Section 702

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

Yes  No, Explain

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

|  |  |  |  |
| --- | --- | --- | --- |
|  | Municipality |  | Homeowner Association |
|  | Private Owner |  | Other |

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