STORMWATER CHECKLIST

Minor residential development
(1-4 Single Family Dwellings)

The following checklist identifies the information that must be submitted to the Commission to address the stormwater management standards in the Pinelands Comprehensive Management Plan (N.J.A.C. 7:50-6.84(a)6) and the municipal land use ordinance for applications for proposed minor residential development (1-4 dwelling units).

Item #	Description
1.	The results of a soil boring, prepared by a qualified professional, taken at the location of each proposed green infrastructure (GI)[i] stormwater management measure. The log must provide a specific estimation in feet and/or inches of the seasonal high water table (SHWT) and must utilize the Munsell Soil Color Chart system. The bottom elevation of all proposed green infrastructure stormwater management measures must be located at least two feet above the SHWT.
2.	The results of a permeability test, prepared by a qualified professional, taken at the location of each proposed GI stormwater management measure in accordance with the requirements of the New Jersey Stormwater Management BMP Manual. Each measure must be in soils having a permeability rate of between one and twenty inches per hour. Typically, the most restrictive layer within 8 feet of the bottom of the GI measure must be tested.
3.	A plan, prepared by a licensed professional, that depicts the type and location of each GI stormwater management measure and a cross section drawing of each such GI measure showing the associated soil profile, soil permeability test elevation, soil permeability rate, and the elevation of, and vertical separation to, the seasonal high water table. If drywells are proposed, the method(s) that will be utilized to prevent access by amphibians and reptiles such as screening, backwater or overflow valves must be detailed on the plan. Any soil replacement, if required, must be shown on the plan along with a description of the permeability of the soils that will be used.
4.	Information, prepared by a licensed professional, which demonstrates that the proposed green infrastructure (GI) stormwater management measures will retain and infiltrate at minimum the runoff generated from the total roof area of the dwelling(s) by a 10-year, 24-hour storm.
5.	A licensed engineer's certification stating that each green infrastructure (GI) stormwater management measure will not adversely impact basements or septic systems of the proposed development.
6.	A maintenance plan, prepared by a qualified professional, that includes, at a minimum: a. A copy of the signed and sealed plan; b. A description of the required maintenance activities for each green infrastructure (GI) stormwater management measure; c. The frequency of each required maintenance activity; and d. The entity responsible for maintenance. Responsibility may be assigned or transferred to the owner or tenant of the parcel.

[i] Green infrastructure (GI) stormwater management measures are small structures that promote stormwater recharge into the ground, reduce stormwater runoff, decrease flooding, and treat and remove pollutants from stormwater runoff. Many kinds of GI can be used to treat stormwater generated on new dwellings including drywells, pervious pavement systems, and small scale bioretention systems such as rain gardens.