

LAND USE

104 Attachment 9

APPENDIX A

**Site Development Stormwater Plan Existing Site Conditions Checklist**

[Added 4-4-2006 by Ord. No. 2006-3]

In addition to the prescribed information in § 104-166, Requirements for Site Development Stormwater Plan, Subsection C, Submission requirements, the following elements should be considered and presented as appropriate and in combinations sufficient to adequately indicate the existing site conditions and that of the surrounding environs:

Yes	No	N/A	Hydrology
			Perennial or intermittent streams as shown on the USGS 7.5 Minute Quadrangle Maps and as indicated in the Soil Survey of Hunterdon County, New Jersey
			Special water resource protection areas along all waters designated Category One at N.J.A.C. 7:9B and perennial/intermittent streams that drain into/upstream of the Category One waters as shown on the USGS Quad Maps Soil Survey
			Wetland, transition areas, NJDEP linear non-tidal wetlands, marshlands and NJDEP Letter of Interpretation findings
			FEMA Q3 Flood Data 100 Year-Floodplains and Floodways
			Geometry of on-site drainage areas

Yes	No	N/A	Boundaries and Buffers
			Appropriate buffers to streams, rivers, wetlands, marshlands, ponds, lakes and other water bodies as specified in pertinent “ordinances, rules, regulations, statutes or other provisions of law imposed by local, County, State or Federal agencies”
			Existing and proposed bearing and distances of property lines
			Existing and proposed conservation, maintenance, construction, reconstruction, sight, utility, drainage and right-of-way easements and dedications

Yes	No	N/A	Vegetation and Landscaping
			Pervious and vegetated surfaces, i.e. woodlands, grasslands and other significant natural features not listed if being utilized for LID credit
			Native and invasive stands of vegetation
			Vegetated habitat for Threatened and Endangered Species

GLEN GARDNER CODE

Yes	No	N/A	<b>Geology and Soils (Soil Survey of Hunterdon County, New Jersey)</b>
			Steep slopes, 10% or > slopes
			Soil types
			Highly erodible soils, with an erodibility factor (K) of .40 or <
			Drainage Class and recharge potential
			Colloidal soils
			Depth to bedrock
			Seasonal high water table
			Soils subject to dynamic compaction and compacted soils
			Soil pH
			Shrink swell potential
			Deeply fractured bedrock
			Limestone and karst topography
			Hardpans and plough pans

Yes	No	N/A	<b>Existing Man Made Structures and Activities</b>
			Existing buildings and significant permanent manmade features
			Roads by classification, parking areas and other impervious surfaces
			Bridges and culverts
			Utilities, sub-surface and above ground
			Mining/quarry operations and blasting areas
			Acid or other hazardous runoff
			Areas of fill and buried debris
			Wellheads and associated ground water withdrawals
			Pipes, discharges and BMP's of existing stormwater utilities
			Groundwater mounding
			Septic systems and wells of adjacent lots
			Sanitary lines
			Previous land use (agricultural, industrial, commercial)