DELAWARE AND RARITAN CANAL COMMISSION
CHECKLIST FOR WATER QUALITY AND STORMWATER MANAGEMENT REVIEW

___ U.S.G.S. Location Map.

___ Full set of site grading and utility plans.

___ Pre-Development and Post-Development Drainage Area Maps (1"=100' or 1"=200').

___ Photos of drainage and site conditions.

___ Discussion of existing site conditions.

___ Is the appropriate methodology being used, i.e. TR-55?

___ Separate sub-drainage area hydrograph discharges into the basin based on differing CN values, times of concentration, or areas of connected impervious. Averaging of CN and TC values of very different sub-areas is not acceptable.

___ Copy of soils map used, soil types and classification.

___ Time of Concentration flow path on Drainage Area Maps. Maximum sheet flow length allowable is 150 feet.

___ Flow chart for hydrologic model.

___ Stage/Volume/Outflow Chart, the calculations for this chart, and the constants used in the calculations (weir and pressure flow coefficients).

___ Ground water elevation and depth to ground water.

___ Details of the outlet structure on an engineering drawing.

___ Summary Tables showing comparison of pre and post developed conditions for the 1,2,10 and 100-year storm events. Does the project meet the required reductions?