

## **STORM WATER MANAGEMENT PERMIT CHECKLIST FOR APPLICANT**

Below are some basic points that should be included on all erosion control and storm water management permit applications. This is not an all-inclusive list and the applicant is responsible for consulting the Village of Slinger Erosion Control and Storm Water Management Ordinance to determine what additional information may be needed for submitting a complete erosion control and storm water management plan application.

1. Completed application form with date and signature
2. Legal description of property
4. One (1) copy of a report with hydraulic computations using Soils Conservation Service TR-55 dated June 1986, showing how the property development complies with the Village of Slinger Storm Water Management Ordinance in the design storms for 2-year, 10-year and 100-year events with the following elements:

- 24hr rainfalls values used by the Village for the design storms are 2.70 inches in the two-year storm, 3.9 inches in the ten-year storm, and 5.5 inches in the one-hundred-year storm.
- In curve number tables, the report must indicate for each watershed: the areas in square-feet (acres and square-miles can also be displayed), the soils types, series names, hydrologic soils groups, cover description, and corresponding curve numbers.
- If public storm sewer is proposed, storm sewer analysis showing the details (flow coming to pipe vs. pipe capacity) for the 10-year and the 100-year events, including at each catch basin structure: inlet capacity and amount of water left flowing on the surface.
- For all ditches and storm outfalls: velocity in ditches and at outfalls with specific proposed cross-section, and stabilization based on velocity. Also show pipe materials, diameters, lengths and invert elevations at each end on the plans.
- When applicable, storage basin table indicating surface in square-feet for chosen elevations within the basin.