

4-5-9: **EROSION CONTROLS:**

- A. All developments shall have a stormwater pollution prevention plan that details all temporary and permanent erosion control systems and incorporates all current best management practices. They shall be designed in such a way as to do and accomplish the following:
1. Provide that all loosened earthen materials, vegetative debris, construction debris and/or rubbish caused by construction or erection of any building, structure, parking lot, or construction of streets be contained within the boundaries of the development during the period of construction. Permanent erosion controls are established by settling basins, berms, silt control fences, permanent vegetation, entrance rumble strips, or other standard recognized methods of permanently controlling erosion prior to removal of temporary erosion control.
 2. Provide that all stormwater outlets or drainage ways be constructed with controls to control erosion of material both on the developed land and all adjacent lands. Erosion controls shall be provided such that velocities of stormwater discharged from outlets and into natural drainage ways is limited as set forth by the Illinois Department of Transportation's Design Manual. Means of controlling erosion shall include, but not be limited to: energy dissipators, settling basins, riprap or fabric slope protection and establishment of permanent vegetation.
 3. Provide for reasonable dust control measures to reduce airborne soil erosion during all construction activities.
- B. Approval: Final acceptance and closure of the stormwater permit of a subdivision/project shall not be issued until:
1. All erosion control facilities have been completed and approved in accordance with previously approved plans.
 2. All retention ponds have been cleaned to the approved finished grades to allow for proper retention as designed.
 3. All drainage structures have been cleaned and temporary erosion control devices removed.
 4. The site has achieved 70 percent perennial grass coverage as determined by the authorized enforcement agency.