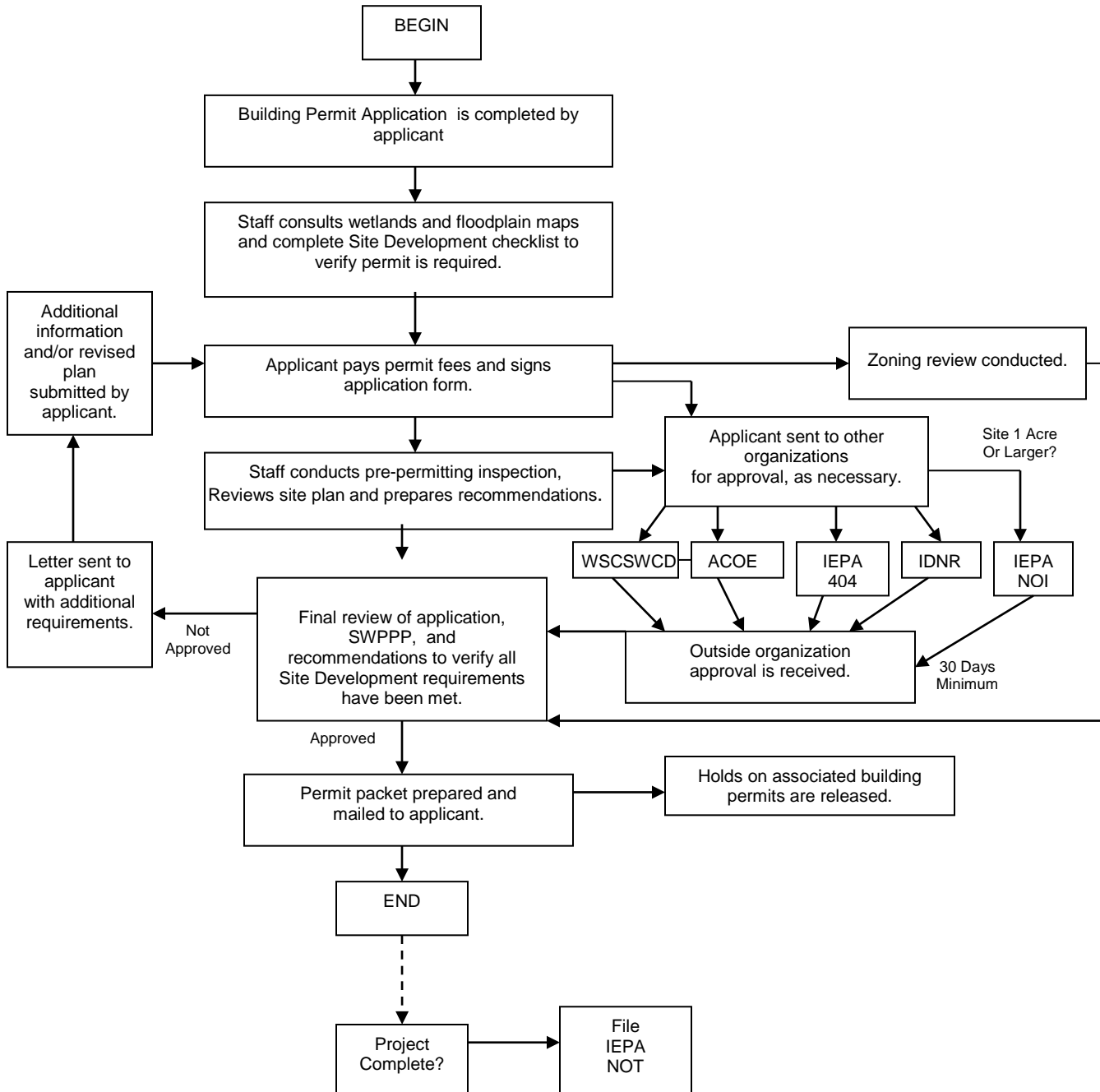
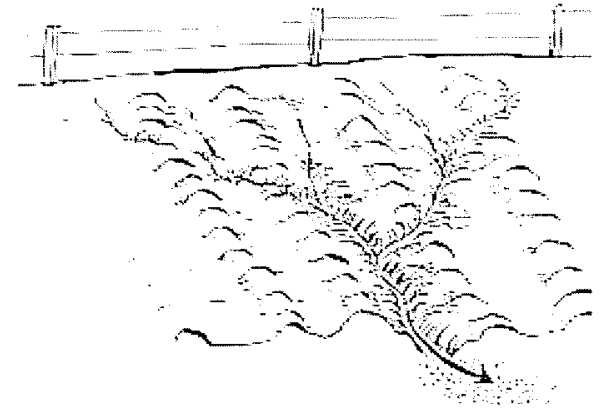


Site Development Permit Process



Soil Erosion & Sediment Control



VILLAGE OF LEMONT

418 Main Street
Lemont, Illinois 60439
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Soil Erosion & Sediment Control

The Village of Lemont requires an erosion control plan appropriate for each proposed development in incorporated Village areas. Soil erosion and sediment control measures are designed to: 1) prevent soil from leaving a site; 2) protect adjacent properties, wetlands, and streams from the accumulation of sediment from construction sites; and 3) prevent tracking of dirt and mud onto roadways.

Permit Requirements

Developments that disturb 1 acre or more of land must file a "Notice of Intent" with the IEPA for coverage under NPDES Permit ILR10, a minimum of 30 days prior to the start of any earth disturbance activities, and must submit a Stormwater Pollution Prevention Plan (SWPPP) to the Village for approval.

Soil Erosion & Sediment Control Plan and Storm Water Pollution Prevention Plan Requirements

The development of a soil erosion and sediment control plan and Storm Water Pollution Prevention Plan (SWPPP) is an important component of the plan review process.

Erosion and sediment control measures should be noted on all site plans where soil disturbance is likely to occur. Plans should include the following: 1) silt fence, 2) construction entrance, and 3) permanent soil stabilization schedule. (Refer to "Illinois Urban Manual" brochure for installation procedures and seeding information.)

Additional measures, such as straw bale barriers and sediment traps may be required depending on the type and scope of the project and site characteristics.

Stabilized Construction Entrance

The purpose of a construction entrance is to reduce or eliminate the transport of dirt and mud onto roadways by construction vehicles. Each construction site where soil disturbance is likely to occur is required to provide an existing driveway or a rock-stabilized construction entrance, installed prior to any construction or grading activity. Stabilized entrances should be located at every point where traffic will be entering or leaving a construction site.

A construction entrance should be underlain with filter fabric and overlain with an 8" depth of 2—3" sized crushed rock. A typical residential entrance is 50' length by 20' width, but dimensions may need to be adjusted depending on site or construction conditions. A 100' length minimum entrance is recommended for commercial developments. Construction entrances need to be maintained with additional rock added as necessary.

Silt Fencing

Silt fencing prevents sediment from leaving a site. Silt fencing should be indicated on the site plan, located outside of the limits of grading. A silt fence must be properly entrenched and maintained to be effective. Periodic inspection and maintenance are required until permanent vegetation is established.

Straw Bale Barriers

Straw bales may be used in certain areas of site disturbance, such as storm sewer inlets, outlets, and as ditch checks. (Straw bales are not appropriate in areas of high velocity.) All proposed straw bales should be located on the site plan. Straw bales should be properly entrenched, staked, and replaced as needed.

Additional Erosion & Sediment Control Measures

Erosion control measures such as sediment traps, diversion ditches, rock check dams, and filter basins may be required for larger developments.

Temporary Site Stabilization

Temporary soil stockpiles and disturbed areas left inactive for an extended time should be contained within silt fencing and stabilized by temporary seeding and/or straw mulching.

Permanent Stabilization Schedule

The site development plan should include a schedule for final grading and permanent soil stabilization of the site. A typical schedule includes the type of stabilization that will be used (seed & mulch, sod, or hydroseed) and the projected seeding date. *Permanent soil stabilization must be applied within 15 days of final grading.*

Project Completion

Upon project completion, the Permittee must submit a "Notice of Termination" to the IEPA for projects covered under NPDES Permit ILR10.