

**VILLAGE OF PRAIRIE GROVE
STORMWATER MANAGEMENT PERMIT (SMP) PROCESS**

SMP Submittal Requirements

Applicants shall complete and submit a SMP application to the Village. This application provides a checklist of major items required by the Stormwater Management Ordinance. Ordinance references are also listed on the SMP application. Applicants may also request a pre-application meeting with the Village and engineering staff to discuss specific site design requirements.

SMP Application Review and Approval

Completed SMP applications and supporting documentation should be submitted to the Village Administration, located at 3125 Barreville Road, Prairie Grove, Illinois. SMP Applications for minor developments may be reviewed either by the Village Administration or the Village Engineer or consultant. SMP applications for intermediate, major, public road projects and wetlands will be reviewed by the Village Engineer or consultant. If any modifications to the SMP application or supporting documentation are required, the Village will provide a list of comments and recommendations to the applicant. The applicant should then revise and resubmit the application and supporting documentation.

SMP Inspection Procedure

The developer is responsible to make and maintain on-site records of inspections as follows:

- a. Upon completion of installation of sediment and runoff control measures (including perimeter controls and diversions), prior to proceeding with any other earth disturbance or grading;
- b. After rough grading;
- c. After final grading; and
- d. Weekly and after each rainfall event of 0.5 inches or more over a 24 hour period.

The Village's consultant will inspect each development site at the following frequency:

- a. Upon completion of installation of sediment and runoff control measures (including perimeter controls and diversions), prior to proceeding with any other earth disturbance or grading;
- b. After stripping and clearing;
- c. After rough grading;
- d. After final grading
- e. After seeding and landscaping deadlines;
- f. After final stabilization and landscaping, prior to removal of sediment controls;
- g. Compliance inspection for any notice of corrective action; and
- h. Monthly and after each rainfall event of 0.5 inches or more over a 24 hour period.

Stormwater Management Permit Application Checklist

The following items should be checked for each submitted stormwater management permit application. **Note that if a stormwater management permit is required, additional information must be submitted.** This checklist simply lists the items necessary for the Village to determine whether or not a stormwater management permit is required and to determine the development classification.

_____ 1. Stormwater Management Permit Application is submitted.

- Parcel is located in Prairie Grove.
- Application is signed
 - By owner.
 - By owner's agent.

_____ 2. Site Plan is submitted.

May be hand drawn by the applicant, preferably on a Plat of Survey or on a page printed from the County's GIS. The site plan may consist of several sheets and should include:

- All of the work required to complete the project.
 - Proposed buildings (include building floor details and footing details)
 - Other proposed structures (decks, patios, retaining walls, seawalls, piers, etc.)
 - Proposed driveways and parking areas (include pavement details)
 - Proposed utilities, septic systems, sewers, culverts, and other pipes (include pipe trench details)
 - Proposed building pads
 - Proposed berms
 - Proposed spoil respread areas
- Dimensions (length, width, height, depth) of the proposed work.
- Dimensions from property lines, rights-of-way, or existing buildings.
- Easements on the property.

While not required, the following information would also be helpful:

- A calculation of the area of proposed land disturbance.
- A calculation of the proposed impervious area (roofs, driveways, parking areas, etc.)
- A calculation of the impervious area created since January 20, 2004.
- A calculation of the volume of earthwork.
- The following notes, if applicable.
 - The project will not alter the existing ground elevations.
 - All spoil material will be removed from the site.
 - The project consists only of demolition and accompanying regrading where natural land contours are maintained.
 - The project consists only of landscape maintenance.
 - The project consists only of stormwater facility maintenance.

_____ 3. Existing Well and Septic Plans are included.

_____ 4. Stormwater Management Permit is Required.

Upon review of the Site Plan, a Stormwater Management Permit is required if **any one** of the following statements is true:

- The development is located partially or completely in a regulatory floodway, floodplain, or flood prone area.
- The development results in an additional 5,000 square feet of impervious area since January 20, 2004.
- The development results in 5,000 square feet of hydrologic disturbance.
- The development results in a change in direction of stormwater runoff from the site.
- The development disturbs more than 500 square feet within 25 feet of a lake, pond, stream, or wetland.
- The development exceeds 100 cubic yards of earthwork (except demolition and accompanying regrading where natural land contours are maintained).
- The development results in a wetland impact.

Impervious Surfaces Calculations

Indicate the area of all existing and new impervious surfaces in square feet.

Driveway(s) (concrete, pavers, gravel or earthen)	
Parking Pad(s) (concrete, pavers, or gravel)	
Walkway(s)(concrete, pavers, or gravel)	
Home/Mobile Home (all of the roof footprint)	
Patios (wood slatted decks do not count)	
Outbuilding 1 (all of the roof footprint plus any slabs)	
Outbuilding 2 (all of the roof footprint plus any slabs)	
Pool Decking	
Additional Impervious Areas	
<u>TOTAL IMPERVIOUS AREA IN SQ. FT.</u>	

$$\frac{\text{Total sq. ft of area}}{\text{lot area in acres}} \left(\frac{\text{X 43,560 sq ft}}{\text{sq ft /acre}} \right) = \text{\% Impervious Surface}$$

This sheet represents a true and accurate accounting of the existing and proposed impervious Surfaces on lot _____ of _____ subdivision at the address of _____.

Signature of Applicant

Date