

Erosion, Sediment and Storm Water Control
PERMIT APPLICATION
City of Peoria, IL

Before commencing any commercial, institutional, multi-family or industrial project with an area of more than one-half ($\frac{1}{2}$) acre, or a project requiring subdivision approval by a unit of local government with an area of more than one-half ($\frac{1}{2}$) acre, the owner of the land, or his representative, shall be required to file an application for an Erosion, Sediment and Storm Water Control Permit. Applications shall consist of two complete copies of plans and documentation that provide the information requested below. It is the intent of the ordinance that the sediment, erosion and storm water management control plan be incorporated into the construction drawings.

1. **General Site Information:** Sec. 32-77(a)
(at least drawn to 1" = 100' scale)

- Existing Site conditions:
 - Site boundaries and adjacent lands which accurately identify site location
 - Lakes, streams, wetlands, channels, ditches, and other water courses on and immediately adjacent (minimum of 50') to the site.
 - Floodways and/or Zone A of the Floodplain (FIRM map; panel # _____)
 - indicate all off-site drainage onto or through the project site.
 - Location and dimensions of storm water management components on or adjacent (minimum of 50') to the site.
 - Location of existing structures, roads, highways, easements and paved areas.
 - Site topography at a contour interval as follows:
 - slope of 6% or less, 2 foot interval;
 - slope of over 6%, but less than 15%, 5 foot interval;
 - slope of 15% or greater, 10 or 20 foot intervals.
 - Final site conditions: Sec. 32-77(b)
(drawn to same scale as existing conditions, or not less than scale of 1"-100')
 - Should include information to accurately depict post construction appearance of site, e.g., paved areas, buildings, landscaping, and other changes to the site, along with other predominate site features, e.g., open areas, bodies of water.

2. **Sediment and Erosion Control Practices:** Sec. 32-77(c)
During and Post-construction

- Locations and dimensions of all proposed land disturbing activities (designate construction limits).
 - Location and dimension of all temporary soil and aggregate stockpiles.
 - Location, dimension and construction details of all construction site management control measures necessary to meet the requirements of this ordinance, and including proposed revegetation of disturbed areas (Sec. 32-82)
- Statement regarding provisions for maintenance of the construction site management control measures during construction.

3. **Storm Water Management Plans and Controls** Sec. 32-77(d)

During and Post-construction. Required for any project with a net increase of impervious area greater than one-half ($\frac{1}{2}$) acre.

- A map showing drainage area boundaries, including off-site drainage areas that drain into the site;
- Location and identification of soil types for all drainage areas;
- Location and identification of vegetative cover for all drainage areas;
- Runoff curve number calculations for both pre- and post-project conditions for each drainage area;
- Time of concentration calculations for both pre- and post-project conditions for each drainage area;
 - include map showing hydraulic flow lengths used;

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- () Peak flow-rate calculations for 2 year and 25 year storms for both pre- and post-project conditions (Sec. 32-77(d)(6))
 - () Design calculations for detention basin outlets for both 2 year and 25 year storms, include (Sec. 32-77(d)(7))
 - () stage-storage table;
 - () discharge rating curve data or outflow calculations (see optional form in Attachment "A" of the ordinance)
 - () Location, dimensions and construction details of proposed detention basins and outlets;
 - () Detention volume calculations;
 - () Summary of peak flow-rates for pre-, post-, and proposed conditions with detention showing that the requirements of the ordinance are met (use optional form as attached to application); and
 - () Plan for continued maintenance and management of all storm water control measures (Sec. 32-77(g))
4. **Schedule:** Schedule or sequence of construction or installation of the proposed elements of the construction site management control measures proposed above.
 5. **Estimates:** A detailed estimate of quantities and estimated costs, prepared by a registered professional engineer, of all control measures required under this section.
 6. **Application Fee:** \$50.00 per disturbed acre, with minimum fee of \$250.00 and maximum fee of \$2,000.00 (Sec. 32-77(h)) (Fractional areas shall be rounded to nearest whole acre)
 7. **Review:** The Administrator shall respond by either issuing a permit, requesting additional information or issuing a statement denying the permit with an explanation of cause. (Sec. 32-78)
 8. **Financial Security:** The developer of any subdivision shall be required to furnish surety for 100% of the costs of the permanent erosion control measures. Projects required to obtain building permits from the City shall not be required to furnish surety, however, no certificate of occupancy shall be issued until the permanent erosion control measures are installed and approved by the Erosion Control Administrator. (Sec. 32-79)
 9. **Certification:** The signature of the appropriate representative(s) hereby certifies the: 1) completeness and accuracy of this application, 2) acceptance of responsibility to comply with the requirements of the Erosion, Sediment and Storm Water Control Ordinance of the City of Peoria, and 3) the acceptance of responsibility for following the approved plan.

Engineer		Developer/Owner	
Name:		Name:	
Address:		Address:	
City/State/Zip		City/State/Zip	
Phone:		Phone:	
Signature:		Signature:	
Relationship to project (e.g. owner, engineer, developer)		Relationship to project (e.g. owner, engineer, developer)	
Project Name:		Received:	Approved:

If any changes to the approved plan will occur, the parties signed above shall be responsible to notify the City of Peoria Erosion Control Administrator within 24 hours, or the permit is void. The Sediment, Erosion and Storm Water Control Administrator has the right to accept or reject any changes to the approved plan.