# Erosion and Sediment Control Permit
## Site Specific Application

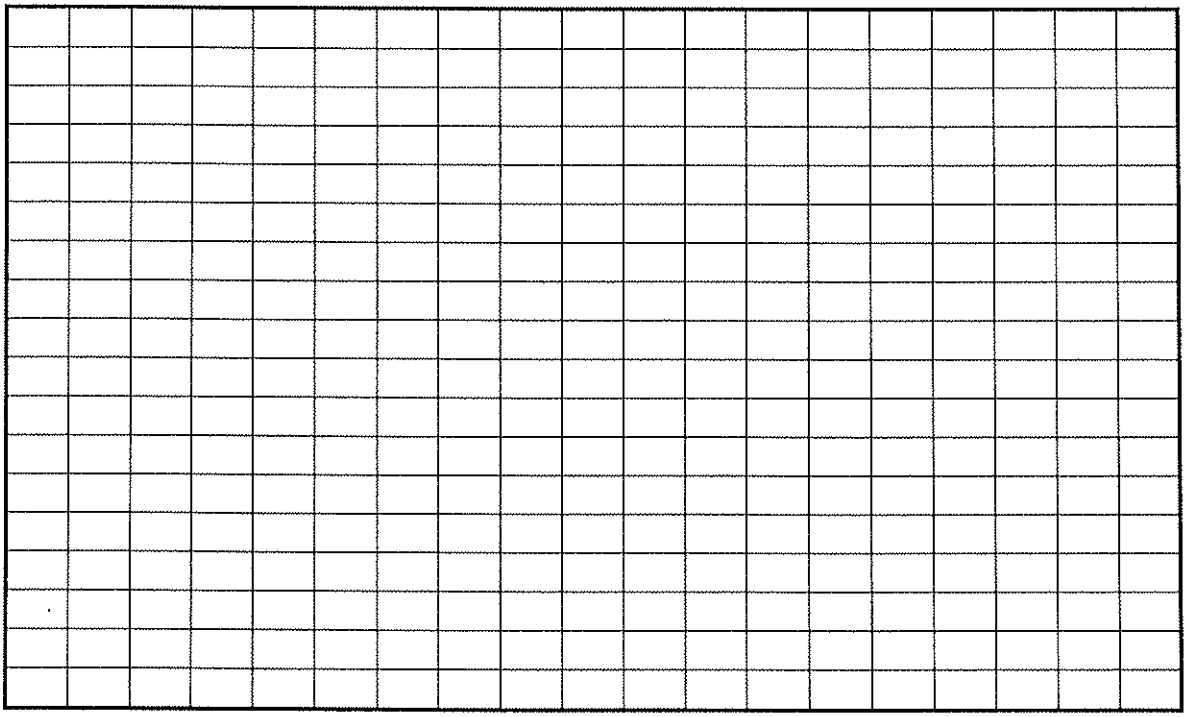
Prior to commencing construction, a general site specific erosion and sediment control permit is required [Sec. 3.12] for all projects that disturb an area greater than 5,000 square feet or greater, with a slope of greater than 10% or which are adjacent to areas of concentrated flows. *All new single family homes and duplexes are included.* Up to five working days are allowed for review of permit applications, so plan ahead. An erosion control permit must be obtained prior to obtaining a building permit, or commencing any land disturbing activity. This permit is valid for a period not to exceed two (2) years [Sec. 3.12.3]. The application fee for a general site specific erosion control permit is $240 [Appendix A].

**Instructions:**

1. Complete this plan by filling in the requested information, completing the site diagrams, and marking the appropriate boxes on the following pages of this form.
2. In completing the site diagrams, give consideration to potential erosion that may occur before, during, and after grading. Water run-off patterns can change significantly as a site is reshaped.
3. This plan must be submitted and approved prior to obtaining a building permit.

## Site Diagram for existing conditions

site size: _____ acres or dimensions:_____x_____ or scale: 1 inch= _____ feet



**EROSION CONTROL PLAN LEGEND**

- PROPERTY LINE
- EXISTING DRAINAGE
- TD TEMPORARY DIVERSION
- FINISHED DRAINAGE
- LIMITS OF GRADING
- SILT FENCE
- STRAW BALES
- GRAVEL
- 1 VEGETATION SPECIFICATION
- TREE PRESERVATION
- STOCKPILED SOIL
- S SEPTIC

Project address:_____ Subdivision/Lot No.:_____

Tax ID number:_____ Sectional Reference:_____

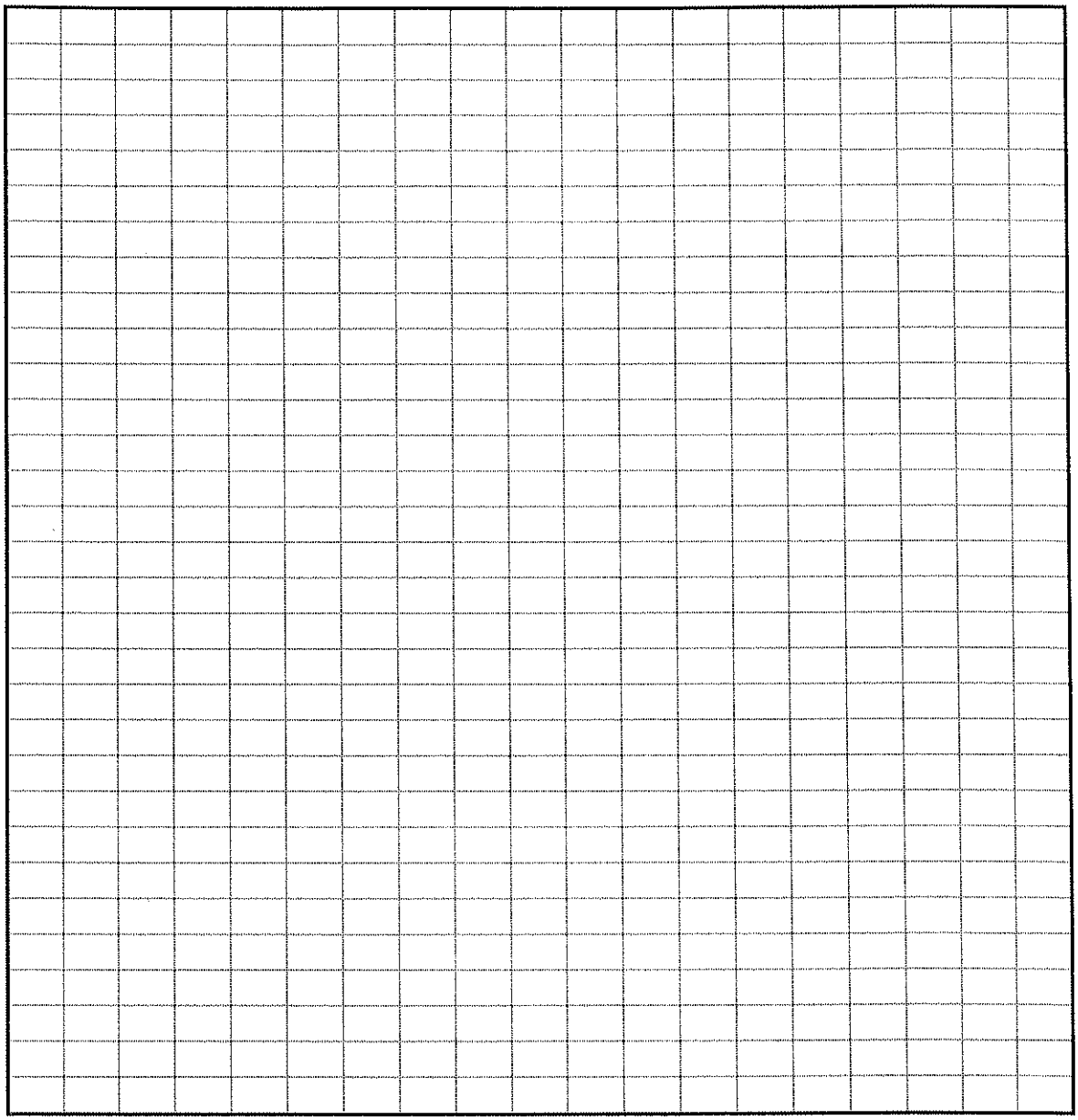
**By signing this form, the party (or parties) below accept responsibility for complying with the requirements of the Peoria County Erosion, Sediment and Storm Water Control Ordinance, and for following the approved erosion control plan.**

| | Builder (print) | Owner (print) |
|---|---|---|
| Name: | _____ | _____ |
| Address: | _____ | _____ |
| City, State, Zip: | _____ | _____ |
| Phone: | _____ | _____ |
| Signature: | _____ | _____ |

Anticipated construction date: _____

## Site Diagram showing proposed conditions

site size: _____ acres or dimensions: _____x_____ or scale: 1 inch= _____ feet



***Attention: be sure to check with JULIE 48 hours before you dig 1-800-892-0123.***

If any changes to the approved erosion control plan occur, the owner and/or builder must notify the Peoria County Planning and Zoning Department (672-6915) within 24 hours, or the permit is void. The Erosion Control Administrator has the right to accept or reject any changes to the approved plan.

**For Office use:**

Date Plan Submitted:_____ Fee paid:_____

Date plan reviewed:_____ Reviewer's signature:_____

Date plan accepted:_____ Soil Survey Page No.:_____

# Erosion Control Plan Checklist

| | Applicable | Non-Applicable | |
|---|---|---|---|
| | | | **Site Characteristics - check appropriate boxes and show on site plan** |
| S1 | ☐ | | North arrow, scale, and site boundary. Indicate and name adjacent streets or roadways. |
| S2 | ☐ | ☐ | Location of existing drainageways, streams, rivers, lakes, wetlands or wells. |
| S3 | ☐ | ☐ | Location of storm sewer inlets. |
| S4 | ☐ | ☐ | Location of existing buildings and paved areas. |
| S5 | ☐ | | Approximate gradient and direction of slopes before grading operations:_____% |
| S6 | ☐ | ☐ | Overland run-off (sheet flow) coming onto the site from adjacent areas |
| S7 | ☐ | | Existing ground cover: ☐well established sod, ☐bare soil, ☐new seeding (grass), ☐weeds, ☐cropland, ☐trees, ☐other _____ |
| S8 | ☐ | | Location of proposed buildings and paved areas. |
| S9 | ☐ | | Approximate gradient and direction of slopes after final operations:_____% |
| S10 | ☐ | | The proposed area to be disturbed on the lot. |
| | | | **Erosion Control Practices - check appropriate boxes and show on site plan** |
| P11 | ☐ | ☐ | Location of temporary soil storage piles. |
| | | | *Note: Soil storage piles shall not be placed within 25' of the property line or within' 25' of a curb unless a perimeter control is employed. Soil storage piles must be protected by: ☐a sediment fence, ☐straw bale fence, ☐a 10-foot wide vegetative strip,or ☐covered with a tarp and more than 25 feet from any downslope road or drainageway, ☐____ ft. buffer area..* |
| P12 | ☐ | ☐ | Location of sediment controls that will prevent eroded soil from leaving site. ☐filter fabric fence, ☐10 foot wide vegetative strips, ☐straw bale, ☐____ *ft. buffer area,* ☐other _____ |
| P13 | ☐ | ☐ | Location of practices that will be applied to control erosion on steep slopes (greater than 10% grade) ☐*maintaining existing vegetation,* ☐*placement of additional sediment fences,* ☐*diversions,* ☐*revegetation by sodding,* ☐*seeding with the use of erosion control mats,* ☐*other:* _____ |
| P14 | ☐ | ☐ | Location of sediment barriers around on-site and adjacent storm sewer inlets. |
| P15 | ☐ | ☐ | Location of diversions. |
| | | | *Note: It is recommended that concentrated flow (drainageways) be diverted (re-directed) around disturbed areas. Overland run-off (sheet flow) from adjacent areas should also be diverted around disturbed areas.* |
| P16 | ☐ | ☐ | Location of practices that will control erosion in areas of concentrated runoff flow. |
| | | | *Note: Unstabilized drainageways, ditches, diversions, and inlets should be protected from erosion through use of such practices as in-channel fabric or straw bale barriers, erosion control mats, staked sod, and rock rip-rap. When used, a given in-channel barrier should not receive drainage from more than two acres of unpaved area, or one acre of paved area. Inchannel practices should not be installed in perennial streams (streams with year-round flow).* |
| P17 | ☐ | ☐ | Location of other planned practices not already noted |

## Management Strategies - check appropriate boxes and show on site plan

M18 ☐ ☐ Temporary stabilization of disturbed areas.

*Note: It is recommended that disturbed areas and soil piles left inactive for 2 months or longer be stabilized by seeding (between April 1st and September 15th), or by other cover such as tarping or mulching.*

M19 ☐ Permanent stabilization of site by revegetation or other means within fourteen days of project completion.

Indicate re-vegetation method: Seed☐ Sod☐ Other☐ _____

Revegetation responsibility of: Builder☐ Owner☐ Buyer☐

Signature accepting responsibility:_____

Is temporary seeding or mulching planned if site is not seeded by September 15th or sodded by November 15th? Yes☐ No☐

M20 ☐ ☐ Use of downspout and/or sump pump outlet extensions.

*Note: it is recommended that flow from downspouts and sump pump outlets be routed through plastic drainage pipe to stable areas such as established sod or pavement.*

M21 ☐ ☐ Trapping sediment during de-watering operations.

*Note: Sediment-laden discharge water from pumping operations should be ponded behind a sediment barrier until most of the sediment settles out.*

M22 ☐ Proper disposal of building material waste so that pollutants and debris are not carried off site by wind or water.

M23 ☐ **Maintenance of erosion control practices:**

Sediment will be removed from behind sediment fences and barriers before it reaches a depth that is equal to half the barrier's height.

Breaks and gaps in sediment fences and barriers will be repaired immediately. Decomposing straw bales will be replaced (typical bale life is three months).

All sediment that moves off-site due to construction activity or storm events will be cleaned up within four hours or before the end of the same workday [Sec. 7.13.2.1].

All installed erosion control practices will be maintained until the disturbed areas they protect are stabilized.

Adapted from a publication of the University of Wisconsin-Extension in cooperation with the Wisconsin Department of Natural Resources and Department of Industry, Labor and Human Relations.