# Pollution Prevention Plan Development worksheet

*The following is a general outline of information to be developed by the Design Professional for the permit application or PPP.*

SITE DESCRIPTION

1. This project includes

(brief description of proposed construction activities and sequence here)

1. The total project area is acres. are the predominant land disturbing activities for the project. The estimated disturbed area for these activities is acres.
2. Existing soils on the site are . (soil description from a source such as the Blackhawk County Soil Survey or other records). The thickness of the topsoil on site will vary, but can be estimated as inches for a reasonable site average. Current soils on site are estimated to have

(high, low, moderate) erosive potential. Current land use is

(describe). Soils on steeper slopes are susceptible to erosion. In general,

slopes on the site are . (flat 1-3%, moderate 3-9%, steep 10%+) The construction season (April through September) generally has 3 to 5 inches of rain per month, peaking in June. The last freezing temperatures are typically recorded in April, and the first freezing temperatures are typically recorded in October. Heavy snow melts are likely in March.

An estimate of the run-off coefficient of the site after completion of construction activities is .

1. See the Pollution Prevention Plan map for drainage patterns and slopes, locations of disturbed areas, location of structural controls and/or stabilization areas, and surface waters (including potential wetlands).
2. The project site generally drains into . (describe outlets) See the Pollution Prevention Plan map for storm drainage outlet locations, as well as general drainage patterns.

EROSION AND SEDIMENT CONTROLS

(project name here)

1. STABILIZATION
   1. Disturbed areas of the construction site that will not be re-disturbed for 21 days or more must initiate stabilization measures by the 14th day after the last disturbance, except as hindered by snow cover.
   2. Minimize disturbed areas. Match existing land contours when possible. Minimize impervious surfaces. Protect natural vegetation and trees outside of construction areas and disturb to a minimum inside construction areas.
   3. The project will use staged construction to minimize the amount of land disturbed at any one time. Y/N
   4. Composting or mulching shall be used in conjunction with seeding for erosion control. Y/N
   5. Temporary or permanent seeding or sodding will be used

(describe) Y/N

* 1. Jute mesh or mats shall be used on steep slopes in conjunction with seeding. Y/N
  2. Buffer strips of existing vegetation will remain adjacent to construction zones. Y/N
  3. Geotextile will be used beneath graveled site areas or beneath rip rap. Y/N
  4. Stream/ditch bank stabilization such as rip rap or gabions will be used

(describe) Y/N

* 1. Dust control on the site is required and will consist of

(describe). (sprinkling, gravelling, chemical stabilization, etc.)

1. STRUCTURAL CONTROLS
   1. Controls shall be placed downstream of disturbed areas as shown on the plan and as required in other areas as determined by UNI or Contractor during construction. See the appropriate construction details on Pollution Prevention Plan.
   2. A sediment basin is required for this project if there is more than 10 Acres of disturbed ground in a common drainage area. See the detail on the Pollution Prevention Plan for correct installation of sediment basin. A sediment basin will be used (describe) Y/N
   3. Inlet and outlet protection of culverts and storm sewer intakes is required. Protect inlets/outlets with silt fence, rip-rap, compost socks, straw bales, sediment traps, or other approved methods. (describe)
   4. Subsurface drains will be installed to artificially lower the water table during construction. (describe)

Y/N

* 1. A permanent storm water retention/detention structure is to be constructed. (describe)

Y/N

* 1. A permanent wetlands detention feature is to be constructed. (describe)

Y/N OTHER PREVENTION MEASURES

* 1. Construction entrances adjacent to public/private roads shall be graveled immediately to prevent vehicle tracking. Use geotextiles beneath these graveled areas. The Contractor shall promptly cleanup site material

tracked onto adjacent streets/property, and replace and refresh gravel as needed.

* 1. Provide waste receptacles at convenient locations and provide regular collection of wastes, litter including building material wastes and sanitary sewers.
  2. Monitor construction vehicle maintenance areas. Washing and fueling operations can generate spills/run-off.
  3. Provide designated areas for concrete truck washouts that have controlled outlets. All debris and remaining concrete to be removed from the site on completion of the construction.