



## Erosion Prevention and Sediment Control Plan Checklist

### 1. Location Map (small scale, 7 1/2 minute U.S.G.S quadrangle)

- property lines of the project
- critical natural or man-made features within 3000 feet of the project, including streams, ponds, wetlands, roads, buildings, and utilities
- sufficient nearby features to allow reviewer to locate the site for an inspection

### 2. Existing Conditions Site Plan (scale 1" = 100' or larger)

- existing topographic contours (5 feet or smaller interval)
- drainageway, water features
- general vegetative cover types within 200 feet of water features (e.g. field, hardwood forest, grass etc.)
- vegetative cover types in all proposed disturbance areas and areas receiving and treating runoff from the construction site
- soil map and key
- identified sensitive areas (e.g. steep slopes, erodible soils, wet areas)
- structures, roads, utilities
- north arrow, scale, date, elevation datum
- property lines

### 3. Grading Plan and Construction Timetable (scale 1" = 100' or larger)

- existing and proposed topographic contours
- limits of soil disturbance and method to be used for demarcation of these limits on site
- areas of various construction phases, including sequential and concurrent activities
- proposed structures, roads, utilities
- location of topsoil stockpiles, staging areas, equipment storage, and refueling/maintenance areas and stump disposal areas
- location of disposal areas for excess soil (include map if off-site)
- boundaries for undisturbed riparian buffers
- north arrow, scale, date, elevation datum
- property lines

#### **4. Erosion Prevention and Sediment Control Plan**

(scale 1" = 100' or larger)

- limits of soil disturbance
- riparian conservation buffer limits and method to be used for demarcation
- location of all structural erosion and sediment control measures and details
- location of areas to be seeded and mulched
- stormwater pathways
- erosion control matting on slopes greater than 3:1
- no hay bales or silt fence running across contours or in areas of concentrated flow
- chart of inspection and maintenance schedule of all control measures
- name and phone number of on-site coordinator
- storm sewer inlets adequately protected (detail required)
- stabilized construction entrance shown (detail required)
- north arrow, scale, date, elevation datum

Note: If necessary to convey the sequential nature of construction activities and associated erosion and control implementation, several plans sheets showing successive site conditions are recommended.

#### **5. Narrative**

- general description of project

#### **6. Site Inventory and Analysis**

- site drainage characteristics (up and down-gradient)
- drainage, waterways, bodies of water
- topography, existing roads, buildings, utilities
- vegetation
- soils
- proximity to natural or man-made water features

#### **7. Grading Plan and Timetable**

- description of proposed grading, seasonal limitations
- timetable of all major construction and earth change activities, including stabilization methods for winter
- description of the strategies of the control plan and why it will be effective in protecting water resources
- description of seeding and mulching plan including:
  - location of areas to be seeded

- lime and fertilizer application rates
- seed mixes (appropriate for soil type)
- types of mulch/matting materials and discussion of appropriateness of each measure for soil type, topography, etc.
- mulch/matting application rates
- mulch/matting anchoring methods (including discussion of windthrow and winter conditions)
- mulching/matting dates

- description of all structural erosion and sediment control measures
- design calculations for all temporary and permanent structural control measures
- description of the inspection, maintenance, and records program for all control measures
- identification, basic qualifications, and contact number for on-site coordinator