



## **Erosion Control Standards**

### **Applicability**

If the project requires a site plan review or disturbs more than 1 acre of land, these standards apply. Note that disturbance is defined as any land alterations that may result in soil erosion, sedimentation, or change in runoff, including, but not limited to, removal of ground cover, grading, excavating, and filling of land. Activities directly related to agricultural tilling are not included.

### **Design Requirements**

1. Limit sediment runoff from the site by use of perimeter controls on downslope portions of the site (e.g. silt fence) and/or inlet protection (if storm sewer inlets are within 100 feet of the site).
2. Limit sediment tracking onto public roadways and approach to clean the roadways if excessive sediment is tracked onto the roadway.
3. Limit channelized erosion in ditches, swales, and detention basins.
4. Limit channelized erosion along roadways that will be constructed while the roads are at subgrade (can form temporary channelized flow paths).
5. Restore and stabilize the site.

### **Drawing Contents**

1. Location Map (1"=1000' scale).
2. Site Plan including the information below (Scale not greater than 1"=200')
  - a. Property Lines
  - b. Natural and Artificial Water Features
  - c. 100-Year Floodplain and/or Floodway
  - d. NWI Wetland Boundaries (delineated, if available)
  - e. Existing Contours to 100 feet past property line (2-foot maximum interval), also list data source and vertical datum
  - f. Existing Impervious Area
  - g. Existing Culvert Sizes and Lengths

3. Erosion Control Plan drawing including the information below (Scale not greater than 1" = 200')
  - a. Proposed Disturbance Limits
  - b. Proposed Contours (same interval as existing)
  - c. Proposed Impervious Area
  - d. Proposed Culvert Sizes and Lengths
  - e. Show locations of erosion control BMPs on the Erosion Control Plan Drawing
  - f. Provide details of the erosion control BMPs or refer to readily available standards
  - g. Include cover type (e.g. mulch, erosion control mat, etc.) and seeding type / rates. If mulch is proposed, describe approach (e.g. crimping, tackifier) to reduce the potential for mulch blowing way.
  - h. Show minimum inspection and maintenance requirements on the Drawings or refer to readily available standards.

### **Report Contents**

1. Narrative describing the proposed project.
2. Provide an overall construction schedule for the project outlining project start and end dates as well as key project milestones.
3. Provide a general description of where excess materials (such as topsoil) will be disposed, e.g. on-site stockpiles or hauled-off site. If excess materials will be hauled-off site, provide a location (if known) and general guidelines for disposal and stabilization, if appropriate.
4. Submit certification that a Notice of Intent has been or will be submitted to the North Dakota Department of Health.
5. Submit verification that coverage under the North Dakota General Construction Permit has been granted (may be submitted separately).
6. List any other permits needed.
7. Submit copies of any other permit applications / approvals (may be submitted separately).