

Chapter 46 Permit – Application and Plan Content

Plan Content for Large Sites. A land disturbance plan for land disturbing construction activities shall be prepared for construction sites of one or more acres.

- (a) The land disturbance plan shall be prepared in accordance with good engineering practices and the design criteria, standards and specifications outlined in the Wisconsin Construction Site Best Management Practices Handbook (WDNR Pub. WR-222 Current Revision).
- (b) The land disturbance plan shall address pollution caused by soil erosion and sedimentation during construction through final stabilization of the site. The land disturbance plan shall include, at a minimum, the following items:
 - 1. Description of the site and the nature of the construction activity, including representation of the limits of land disturbance on a USGS 7.5 minute series topographic map.
 - 2. Description of the intended sequence of major activities which disturb soils for major portions of the site, such as grubbing, excavation or grading.
 - 3. Estimates of the total area of the site and the total area of the site that is expected to be disturbed by construction activities.
 - 4. Estimates of the amount of material to be excavated and/or filled, and the time period when the excavation and/or filling will take place.
 - 5. Statement of the proposed use or purpose for the fill or excavation of the site.
 - 6. Estimates, including calculations, if any, of the runoff coefficient of the site before and after construction activities are completed.
 - 7. Data describing the existing surface soil as well as subsoils.
 - 8. Depth to groundwater as indicated by Natural Resources Conservation Service soil information where available, except when permanent infiltration systems are used, the depth to groundwater shall be as outlined in paragraph (c).
 - 9. Identification of the immediately adjacent named receiving water from the USGS 7.5 minute series topographic maps.
- (c) When permanent infiltration systems are used, the land disturbance plan shall specify appropriate on-site testing to be conducted to determine if seasonal high water is within 5 feet of the bottom of the proposed practice. If permanent infiltration structures are to be used and there is a City of Platteville well within 400 feet, or a non-public well within 100 feet, the groundwater flow shall be identified in accordance with the provisions in either Ch. NR 110 or 214, Wisconsin Administrative Code.
- (d) The land disturbance plan shall include a site map. The site map shall include the following items and shall be at a scale not greater than 100 feet per inch and at a contour interval not to exceed two feet.
 - 1. Existing topography, vegetative cover, natural and engineered drainage systems, roads and surface waters. Lakes, streams, wetlands, channels, ditches and other water courses on and immediately adjacent to the site shall be shown. Any identified 100-year flood plains, flood fringes and floodways shall also be shown.
 - 2. Boundaries of the construction site.
 - 3. Drainage patterns and approximate slopes anticipated after major grading activities.
 - 4. Areas of soil disturbance.
 - 5. Location of major structural and non-structural controls identified in the plan.
 - 6. Location of areas where stabilization practices will be employed.
 - 7. Areas which will be vegetated following construction.

8. Wetlands, area extent of wetland acreage on the site and locations where storm water is discharged to a surface water or wetland.
 9. Locations of all surface waters and wetlands within 1/4 mile of the construction site.
 10. Alphanumeric grid overlying the entire construction site map.
 11. An attached sketch shall include map and cross-sectional views of the area(s) to be filled or excavated and indicating the original slope, new slope and depth of fill or excavation.
- (e) Each land disturbance plan shall include a description of appropriate controls and measures that will be performed at the site to prevent pollutants from reaching waters of the state. The plan shall be at the same scale as the existing site map and shall clearly show the changes to the site resulting from the construction activities. The plan shall clearly describe the appropriate control measures for each major activity and the timing during the construction process that the measures will be implemented. The description of erosion controls shall include, when appropriate, the following minimum requirements:
1. Description of interim and permanent stabilization practices, including a practice implementation schedule. Site plans shall ensure that existing vegetation is preserved where practicable and that disturbed portions of the site are stabilized.
 2. Description of structural practices to divert flow away from exposed soils, store flows or otherwise limit runoff and the discharge of pollutants from the site. Unless otherwise specifically approved in writing by the Building Inspector or City Engineer, structural measures shall be installed on upland soils.
 3. Management of overland flow at all sites, unless otherwise controlled by outfall controls.
 4. Trapping of sediment in channelized flow.
 5. Staging construction to limit bare areas subject to erosion.
 6. Protection of downslope drainage inlets where they occur.
 7. Minimization of tracking at all sites.
 8. Clean up of off-site sediment deposits.
 9. Proper use, storage and disposal of building and waste materials at all sites.
 10. Stabilization of drainage ways.
 11. Control of soil erosion from dirt stockpiles.
 12. Installation of permanent stabilization practices as soon as possible after final grading.
 13. Minimization of dust to the maximum extent practicable.
- (f) Velocity dissipation devices shall be placed at discharge locations and along the length of any outfall channel as necessary to provide a non-erosive flow from the structure to a water course so that the natural physical and biological characteristics and functions are maintained and protected.
- (g) If the sediment will not be controlled, by design, to the limits described in 46.08 (2) (a) from the area of land disturbing construction activity, the erosion control plan shall include a reasonable justification for not meeting these standards.

Plan Content for Small Sites. A land disturbance plan statement for land disturbing construction activities shall be prepared for construction sites of less than one acre. A control plan statement (with simple map) that briefly describes the site and best management practices (including site development schedule) that will be used to meet the requirements of the ordinance shall be submitted to the Building Inspector or the City Engineer.