

Construction Site Erosion and Sediment Control Plan- List of Required Plan Elements for project site with land disturbing construction or vegetation removal activities greater than 1 acre.

1. The following shall be the minimum narrative and computations requirements included in the erosion and sediment control plan:
 - a. The names and contact information for the following project site representatives:
 1. The landowner, developer and/or the responsible party.
 2. The preparer of the construction site erosion and sediment control plan.
 3. The person(s) responsible for the implementation and monitoring of the construction site erosion and sediment control plan.
 4. The grading contractor.
 5. The general contractor
 6. The landscape contractor
 7. Other project representatives requested by the Walworth County Land Conservation Division Staff.
 - b. Narrative describing the existing conditions of the site and a description of the nature and purpose of the land disturbing activity, including representation of the limits of the land disturbance shown on scaled site plan.
 - c. Description of the intended construction timeline, phasing and sequencing, including stripping and clearing, rough grading, construction of utilities, infrastructure and buildings, final grading and landscaping. Sequencing shall identify the expected date on which clearing will begin, the estimated duration of exposure of cleared areas, areas of clearing, installation of temporary erosion and sediment control measures and establishment of temporary stabilization and permanent vegetation.
 - d. Estimates of the total area of the site and the total area of the site that is expected to be disturbed by construction activities.
 - e. Estimates including calculations, the runoff coefficient of the site before and after construction activities are completed.
 - f. Calculations to show compliance with the performance standard in Section 26-58 (b) (2) of this ordinance.
 - g. Existing data describing the surface soil as well as subsoils.
 - h. Depth to groundwater, as indicated by the Soil Survey Report published by USDA Natural Resources Conservation Service soil survey report or other available sources.
 - i. Name of the immediate named receiving water.
 - j. Photographs of the parcel site to document the current conditions of the parcel or site subject to the permit application.
- (2) Site map. The erosion and sediment control plan shall include the following features labeled on a site map. The site map shall include the following items and shall be at a scale of not more than 40 feet per inch and a contour interval not to exceed two feet.

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- a. North arrow, graphic scale, draft date, name and contact information for project engineer or planner and designation of source documents for all map features.
- b. Existing and proposed site topography at contour intervals not to exceed two feet, proposed percent slope for all open channels and side slopes and all proposed runoff discharge points from the site.
- c. Existing vegetative cover, natural and engineered drainage systems, and roads. Lakes, streams, wetlands boundary lines, concurred by the WDNR or the ACOE or delineated by a WDNR assured delineator, channels, ditches and other watercourses on and immediately adjacent to the site shall be shown. Any 100-year floodplains shall also be shown.
- d. Building envelopes, if proposed, and boundary of the construction site and the boundary of area to be undisturbed.
- e. Drainage patterns and approximate slopes anticipated after major grading activities.
- f. Location of existing and proposed utilities and associated easements, if present.
- g. Temporary access drive(s), surfacing material.
- h. Temporary flow diversion devices, if needed, for upslope or roof runoff until site is stabilized.
- i. Temporary sediment trapping devices and protection for inlets to culverts and storm drains, if present.
- j. Temporary sediment basin(s) or other BMPs to be used for site dewatering during utility or other subsurface work or other site work.
- l. Temporary soil stockpile storage locations indicating setbacks from nearby water resources or environmental corridors and the proposed erosion protection methods.
- m. Detailed drawings and cross-sections for any sediment traps, sediment basins or other major cut or fill areas requested by the Walworth County Land Conservation Division showing side slopes and elevations.
- n. Final stabilization measures for open channels and erosion protection for pipe and channel inlets, outlets and emergency spillways.
- o. Location of proposed utilities, including: standard cross-section for buried utilities, associated easements, labeling the type of utility and notes on erosion control and restoration plans.
- p. Final landscaping plan and site stabilization instructions for all disturbed areas, showing areas to be stabilized in acres, or square feet, depth of applied topsoil, seed mixture, rates and seeding methods, fertilizer, sod, tree and shrub plantings, and erosion matting specifications, maintenance requirements until plants are well established, and other BMPs used to stabilize the site.
- q. Detailed construction notes clearly explaining all necessary procedures to be followed to properly implement the plan, including estimated starting date of grading, timing and sequence of construction or demolition, any construction stages or phases, utility installation, dewatering plans, refuse disposal, inspection

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requirements, and the installation, use, and maintenance of best management practices proposed in the plan.

- r. Location of soil evaluations, if conducted, with surface elevations and unique references to supplemental soil evaluations report forms in accordance with this ordinance. Also show estimated seasonal water table depths and soil textures down to planned excavation depths, which may be on a separate map with sufficient references to the proposed site plan.
- s. The location of any proposed building or dwelling, and any accessory building, parking area, driveways, walkways, wells, sanitary disposal systems or other structures proposed.
- t. Affix the drafting date and name of the plan preparer to the site plan.