

Richland Soil and Water Conservation District

Division of Storm Water

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In cooperation with

Richland County Commissioners Building Codes & Permits Regional Planning Commission Richland County Engineer

Stormwater Management and Sediment Control Plan Requirements

The following plan sheet format shall be used in the preparation and submission of Stormwater & Sediment Control Plans as submitted for review under the most current set of Stormwater Management and Sediment Control Regulations as adopted by the Richland County Board of Commissioners. The minimum information as noted below shall be submitted in the following order as follows. Any deviation from the format below shall be obtained from the Stormwater Manager prior to submission. Failure to include any of the following information may result in additional plan review fees.

All sheets shall show North Arrow, Drawing Scale and Legend. Drawings shall be prepared to a recognized engineering scale (1" = 100' max.) and shall be properly dimensioned. If using aerial photos as a reference or background for plan sheets, please only submit aerial photos on the site utilities plan.

1. Cover Sheet –Property Information, Location Map, Drawing Index, Utilities locating information, Applicable Codes (Richland County, ODOT), Method of Stormwater Analysis Design, Horizontal and Vertical Datums used, Flood Insurance Rate Map Information, Local Soils Information, Detailed Construction Schedule, Contact information for all utilities located on the site, whether affected or not, proposed construction schedule, wet seal, signature, and date of Ohio Registered Professional Engineer preparing the plans and specifications.
2. Existing Site Plan – existing topography (using 2' contours max), existing land cover and vegetation, property lines, setbacks, structures, existing natural and man-made water features, existing stormwater management system (if present), boundaries of soil types, delineation of existing off-site and on-site drainage(tributary/catchment/watershed routing) areas. Existing off-site drainage areas may need shown on an additional sheet or exhibit for large drainage areas.
3. Proposed Site/Grading Plan – proposed topography (using 2' contours max), proposed land cover and vegetation, property lines, setbacks, structures, existing natural and man-made features, delineation of proposed or altered off-site and on-site drainage(tributary/catchment/watershed routing) areas, limits of clearing and grading, proposed Stormwater Control Practices (piping, silt fence, temporary & permanent BMP's, stockpile locations, construction entrances, washout areas, etc), all existing and proposed structures, provide the finished floor elevations of structures,
4. Site Utilities Plan – Show all existing and proposed utilities including the proposed stormwater management piping, structures, and features. Show all existing and proposed easements. Identify underground and overhead utilities and points of utility connections for the structure.
5. Specifications and Standard Details Sheet – Sheet designated only for practice specifications and standard details, diagrams, and exhibits for erosion, sediment control, and stormwater management practices, construction and material specifications, and general notes about the project.
6. Pond/Basin/Piping Profile Sheet – Plan and Profile/Cross-section details for each pond/basin. Profile for each run of pipe. Show all water levels for storm frequencies, all structures and control measures, and
7. Supporting Documentation.
 - a. Stormwater Runoff Calculations, sealed by Professional Engineer. Calculations shall be provided for 1-, 2-, 5-, 10-, 25-, 50-, and 100-year storm frequencies. Provide critical storm calculations with units clearly identified and referenced in the storm frequency data. Provide a summary of the storm frequency runoff data in an organized format.
 - b. Design calculations and/or statement of intent for BMP's, WQv calculations, stormwater management controls, and hydraulic structures.
 - c. Copy of Ohio EPA NOI and SWP3
 - d. Local Zoning Permit
 - e. Executed Maintenance plans where required

**** Serving all Richland County Landowners with Conservation Assistance ****