



Department of Land Conservation
County of La Crosse, Wisconsin
Final Storm Water Management Plan Requirements
Checklist #3



To Obtain a Permit the Final Storm Water Management Plans must include:

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| 1. | A site map in accordance with Checklist #1. <i>Digital submittal if available.</i> |
| 2. | Drafting date and contact information for the project engineer/designer with all other mapping elements and scale consistent with the site plan map. |
| 3. | Location of existing and proposed storm water discharge points. |
| 4. | Delineation and labeling of all proposed impervious areas and accompanying area computations. |
| 5. | Final design drawings of all proposed storm water BMPs with unique references to support documentation, prepared in accordance with minimum DLC standards and of sufficient clarity for those responsible for site grading, including: |
| | a. Plan views showing the location of proposed BMPs in combination with the site plan map at a scale of 1 inch equals no more than 100 feet; |
| | b. Additional detail plan view drawings at a scale of 1 inch equals no more than 40 lineal feet, showing proposed 2 foot contours and all critical design features and elevations; |
| | c. One detailed cross-section and one profile of each BMP, drawn to scale, with locations shown on the plan view, and showing all critical design features, side slopes, structures, soil profiles and elevations, including seasonal high water table if within 5 feet of final grade and existing grade; |
| | d. Detailed drawings or material specifications for inlets or outlets. |
| 6. | Type, size, location and cross-sections of all pipes, open channels, grade stabilization structures and other proposed storm water conveyance systems, with unique references to support documentation. |
| 7. | Locations and dimensions of proposed drainage easements. |
| 8. | Location of soil borings and soil profile evaluations with surface elevations and unique references to supplemental data sheets, as needed to determine feasibility of any proposed storm water BMP and to comply with applicable BMP technical standards. |
| 9. | Location, dimensions and surfacing materials or soils data of proposed access lanes and delineations of easements needed to allow future maintenance of storm water BMP's. Minimum width of any access easement shall be 15 feet. |
| 10. | Detailed construction notes explaining all necessary procedures to be followed to properly implement the plan, including planting and landscaping specifications, timing and sequencing of construction and any temporary measures needed to protect BMPs during the construction phase. |
| 11. | Detailed construction inspection plan, outlining the critical elements in the plan that need to be surveyed or inspected by a representative of the project engineer, the DLC or the municipality, and the timing and notification requirements involved (Identify who is responsible). |
| 12. | A final maintenance agreement in accordance with ordinance requirements |
| 13. | Support documentation summarized in accordance with DLC standards, must include at least the following: |
| | a. A narrative summary of the storm water plan (May combine with the erosion control plan). |
| | b. Maps of existing and proposed watersheds, subwatersheds, Tc/Tt flow paths, soil types, hydrologic soil groups, land uses/cover type and runoff curve numbers within the site and draining into the site from adjacent properties, explicit references to hydrology data summaries and the ultimate receiving water body(ies) for off-site discharges. |
| | c. Pre-development and post-development hydrology and pollutant loading (if applicable) data for each watershed including peak flows and runoff volumes indicating compliance with the ordinance. |
| | d. Impervious surface maps and calculations of runoff volumes and effective infiltration areas. |
| | e. Hydraulic & hydrologic data summaries for all existing and proposed pipes, channels, grade stabilization structures and other runoff conveyance systems, and the necessary documentation to demonstrate compliance with the ordinance. |
| | f. BMP design data for each proposed BMP, showing how it complies with applicable technical standards and the requirements of the ordinance, following approved LRD format. |
| | g. Soil evaluation reports with matching references to map features, location and elevations. |
| | h. A cover sheet signed by the designer attaching all applicable certifications indicating that all plans and supporting documentation have been reviewed and approved by the designer and certifying that, to the best of their knowledge, the submitted plans comply with the requirements of the ordinance. |
| | i. For sites where changes are proposed in storm water flow paths or where proposed storm water discharges may otherwise have a significant negative impact on downstream property owner(s), the applicant shall submit written authorization or complete other legal arrangements with the affected property owner(s). |