STORMWATER PLUMBING SYSTEM PLAN SUBMITTAL CHECKLIST

Safety and Buildings Division
Bureau of Integrated Services
http://www.commerce.wi.gov/SB/

Site Name: _____ Owner: _____
Site Location: _____ Submitter: _____

Plan Requirement	S. Comm Code Reference	Y	N	NA	Location/Page Number in Plan or Explanation for "NO" items
General Requirements					
A "Site Specific Plan" is included that shows all aspects of the stormwater management system (including the roof drain system) and includes all information necessary to determine compliance with Chs. Comm 81 to 84. The submitted site specific plan includes the following stormwater items:	82.20(4)	☐	☐	☐	
Interior Storm Drain Systems	82.36	☐	☐	☐	
Exterior Storm Drain Systems (including roof drains)	82.36	☐	☐	☐	
Storm private interceptor main storm sewer	82.36	☐	☐	☐	
Stormwater infiltration systems	82.365	☐	☐	☐	
Stormwater reuse systems	82.70	☐	☐	☐	
Specifications included showing all stormwater systems constructed of approved materials in accordance with s. Comm 84.30(3)	82.36(2)	☐	☐	☐	
Calculations included showing all plumbing systems upstream of detention are designed, at a minimum to pass the 10-year, 24-hour storm event	82.36(3)(a)	☐	☐	☐	
Calculations conforming to the requirements of s. Comm 82.36(5) included showing all plumbing systems downstream of detention features are designed to pass the design discharge flow from detention and all additional flows	82.36(3)(b)	☐	☐	☐	
Volume calculations for the 2-year, 24-hour storm and the 100-year, 24-hour storm included showing no damage to property	82.36(5)	☐	☐	☐	
An Operation and Maintenance Plan is included that contains all the required information outlined in s. Comm 82.36(13)	82.36(13)	☐	☐	☐	
Two copies of all plans, index sheets and specifications are signed and/or stamped	82.20(4)(c)	☐	☐	☐	
Fee calculated correctly and included with plan submittal	82.20(4)(c)	☐	☐	☐	
Detention Systems					
Calculations showing 72-hour drain down time for dry detention systems for the design storm event	82.36(6)(g)1.	☐	☐	☐	
Calculations included showing maximum 6-inch stormwater depth for the design storm event on paved surfaces or parking lots	82.36(6)(g)2.	☐	☐	☐	
Calculations showing surface ponding will drain within 24 hours after the design storm event	82.36(6)(g)3.	☐	☐	☐	

Plan Requirement	S. Comm Code Reference	Y	N	NA	Location/Page Number in Plan or Explanation for "NO" items
Subsurface Infiltration					
A site and soil evaluation completed in accordance with the methods and standards as provided in ss. Comm 85.40(3)(a) and 85.30 (1)(c) is included	82.365(2)	☐	☐	☐	
Soil Evaluation - Storm (SBD-10793) forms signed by the CST/PSS have been completed for all proposed subsurface infiltration areas and are included with a signed site map. Forms are available online at: http://commerce.wi.gov/SBdocs/SB-FormPlumbingStormlEvaluation10793.pdf	82.365(2)	☐	☐	☐	
Soil borings were constructed in the immediate area of the infiltration system locations		☐	☐	☐	
Soil boring elevations reported on form SBD-10793 correspond with the elevations shown on the site plan		☐	☐	☐	
Documentation included showing the influent quality complies with the requirements in Table 82.70-1 for subsurface infiltration and irrigation	82.365(3)	☐	☐	☐	
Calculations included demonstrating groundwater mounding will not impact system performance when the width of the system exceeds 15 feet	82.365(3)(d)	☐	☐	☐	
Calculations included showing the subsurface drainage system will drain down within 72 hours after a storm event and surface ponding will drain down within 24 hours after a storm event	82.365(3)(e)	☐	☐	☐	
Details with section views of infiltration systems included that show elevations of all critical components	82.20(4)	☐	☐	☐	
Stormwater Use					
Laboratory test results or other documentation included that demonstrates that stormwater collected on-site for use in an on-site plumbing system meets or will be treated to the minimum requirements listed in Table 82.70-1 for its intended use	82.70	☐	☐	☐	
Laboratory test results or other documentation included that demonstrates that stormwater collected off-site for use in an on-site plumbing system meets or will be treated to the minimum requirements listed in Table 82.70-1 for its intended use	82.70	☐	☐	☐	

Notes:

1. Refer to the User Guide to Plumbing Web Scheduling document available on the Commerce website (http://commerce.wi.gov/SBdocs/SB-PlumbingReviewSchedGuide.pdf) for more information on Site Specific Plan requirements, other submittal requirements, and fee requirements.
2. This checklist is only meant to include items commonly omitted from plumbing submittals and does not include all the requirements of chs. Comm 81-87 in relation to stormwater plumbing systems. Refer to chs. Comm 81-87 (http://www.legis.state.wi.us/rsb/code/comm/comm081.html) for all administrative rules related to plumbing.
3. Verify plan submittal procedures with the delegated municipality if the proposed development falls within the boundary of a delegated municipality.