

Infiltration Control Standards (File 84571)-Full Ordinance Context

37.09 - STORMWATER MANAGEMENT PLAN REQUIREMENTS.

(1) Stormwater Management Plan Required.

(a) Every applicant for a stormwater management permit shall submit a plan documenting the system(s) and measures proposed to control stormwater runoff from the site. Included in this stormwater management plan shall be a completed standard stormwater management summary template. This template shall be available at: <https://www.cityofmadison.com/engineering/permits/stormwater-management-permit>. The stormwater management plan shall be completed and sealed by a Professional Engineer currently licensed in the State of Wisconsin.

(2) Plan Contents. Stormwater management plans shall satisfy all of the requirements in Sec. 37.09(3), and shall provide [minimum standards set forth in Subdivisions (a) – (m)].

(3) Stormwater Management Performance Standards. The proposed design, suggested location and phased implementation of effective, practicable stormwater management measures as set forth in the stormwater management plan shall be designed, engineered, and sealed by a Professional Engineer licensed in the State of Wisconsin, and implemented to achieve the following results:

[Subdivisions (a) – (d) covers sediment, oil and grease, and runoff rate control and outlet standards.]

(e) Infiltration. All plats, Certified Survey Maps, development, and redevelopment projects which create a cumulative total of twenty thousand (20,000) square feet or more of new impervious area since October 1, 2004 are required to provide infiltration of stormwater as set forth below. Stormwater management reports submitted to the City of Madison for review shall meet the requirements of Wis. Admin. Code ch. NR 151.12(5)(c). The stormwater management reports shall comply with the sections entitled "Criteria" within the applicable Infiltration Technical Standards as provided by the Department of Natural Resources and maintained by the Standards Oversight Council. A link to the technical standards is provided as follows:

https://dnr.wi.gov/topic/stormwater/standards/postconst_standards.html. Stormwater infiltration shall comply with the following:

1. All Developments. Development applications received by the Planning Division within the City of Madison, regardless of development type, shall be required to infiltrate sufficient runoff volume so that the post-development infiltration volume shall be at least ninety percent (90%) of the pre-development infiltration volume, based on an average annual rainfall, regardless of area necessary for this requirement. In accordance with Wisconsin DNR Post Construction Technical Standard 1002 (Site evaluation for stormwater infiltration), upon completion of site investigation (borings/pits) the infiltration system shall not be placed into amended or unamended loam (0.24 in/hr) or more restrictive soils if less restrictive unamended soils are readily available. Siting the location of the infiltration practices shall not interfere with other ordinances and pumping water shall not be required to meet this standard. Should the applicant prove to not be able to meet the infiltration requirement without dedicating more than two percent (2%) of the site area for this purpose, they may optionally choose to meet the secondary recharge standard.