



Legislation Details (With Text)

File #: 84571 **Version:** 3 **Name:** Infiltration Requirements
Type: Ordinance **Status:** Passed
File created: 7/25/2024 **In control:** Attorney's Office
On agenda: 9/24/2024 **Final action:** 9/24/2024
Enactment date: 10/5/2024 **Enactment #:** ORD-24-00066
Title: SECOND SUBSTITUTE: Amending Section 37.09(3)(e)1 of the Madison General Ordinances to establish soil infiltration design standards.
Sponsors: John P. Guequierre

Indexes:

Code sections:

Attachments: 1. 84571-Version 1, 2. 84571-Version 2.pdf, 3. 84517 Email Correspondence.pdf, 4. Infiltration Requirements-Full Context.pdf, 5. 092424_cc_public_comment.pdf

Date	Ver.	Action By	Action	Result
9/24/2024	3	COMMON COUNCIL	Adopt Unanimously	Pass
9/11/2024	2	BOARD OF PUBLIC WORKS	RECOMMEND TO COUNCIL TO ADOPT - REPORT OF OFFICER	Pass
9/10/2024	2	COMMON COUNCIL	Re-refer	Pass
8/28/2024	2	BOARD OF PUBLIC WORKS	RECOMMEND TO COUNCIL WITH THE FOLLOWING RECOMMENDATIONS - REPORT OF OFFICER	Pass
8/6/2024	1	COMMON COUNCIL	Refer	Pass
7/25/2024	1	Attorney's Office	Referred for Introduction	

Fiscal Note

No appropriation required.

Title

SECOND SUBSTITUTE: Amending Section 37.09(3)(e)1 of the Madison General Ordinances to establish soil infiltration design standards.

Body

DRAFTER'S ANALYSIS: Under the City's existing ordinances, certain types of land development are required to get a stormwater management permit. As a condition of such permits, the applicant must submit a stormwater management plan documenting the system(s) and measures proposed to control stormwater runoff from the site. Consistent with State law, the City has established stormwater management performance standards, including requirements relating to infiltration of stormwater when 20,000 square feet or more of new impervious area is created. **These standards apply to 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.** Infiltration refers to any precipitation that does not leave the site as runoff. Under this ordinance, technical standards for infiltration are being added to the City's standards applicable to all developments where infiltration is required, which change would require the infiltration design to utilize the best on-site soils for this purpose.

This substitute updates the infiltration standards to make them more clear and specific.

This second substitute makes further changes to these updated standards, including adding a delayed

effective date of April 1, 2025.

The Common Council of the City of Madison do hereby ordain as follows:

1. Paragraph 1 entitled "All Developments" of Subdivision (e) entitled "Infiltration" of Subsection (3) entitled "Stormwater Management Performance Standards" of Section 37.09 entitled "Stormwater Management Plan Requirements" of the Madison General Ordinances is amended as follows:

"1. All Developments. Developments within the City of Madison, regardless of development type, Development applications received by the Planning Division 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. 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. 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 be designed to utilize the on-site soils having the highest design infiltration rate to meet their requirements for stormwater infiltration not be placed into amended or unamended loam (0.24 in/hr) or more restrictive soils if less restrictive unamended soils are available, without pumping, onsite. Furthermore, infiltration of chloride laden water shall not be allowed in soil with more than 5% P200 material 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."

2. This ordinance will be effective on April 1, 2025.