



MS4 Permit No. WI-S050075-3

Section 2.6.4 Source Water Protection Areas

March 2023

Summary

The City of Watertown is covered under the Wisconsin Department of Natural Resources' (WDNR) Municipal Separate Storm Sewer System Permit No. WI-S050075-3. The City developed MS4 permit compliance programs after the initial MS4 Permit issuance in 2006. Subsequent permit reissuances have increased the requirements to minimize the amount of pollution that reaches local waterways through urban storm water runoff.

The City of Watertown's Source Water Protection Program is designed to identify potential conflicts between proposed areas where concentrations of pollutants may exist and areas where ground water recharge is particularly important, per Section 2.6.4 of the MS4 Permit.

Plan Reviews and Planning

Site specific plans are reviewed as part of the Site Development process among multiple departments at the City. City Engineering (and/or designee) reviews proposed infiltration facilities for proximity to municipal well locations. Per NR 151, Wisconsin Administrative Code, infiltration practices are prohibited within 400 feet of a private well and 1,000 feet of a municipal well. Chapter §288 of the municipal code prohibit infiltration practices within 1,000 feet upgradient and 100 feet downgradient of direct conduits to groundwater (§288-18D.(3)(g)(1)) chapter 288 also restricts the sources of runoff directed to infiltration facilities within 400 feet of a community water system well as specified in NR 812, Wisconsin Administrative Code (§288-18D.(3)(g)(2)) and areas where contaminants of concern, as defined in NR 720, Wisconsin Administrative Code, are present in soil where infiltration will occur.

WDNR Map of Source Water Protection Areas

The City of Watertown is not located within the WDNR's designated Source Water Protection Areas, per the November 2020 Point Designations of Source Water Assessment Areas for Public Drinking Water Supplies map from the Targeted Runoff Management Grant Program Instructions. (See attached map.)

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Tracking and Reporting

Conflicts between proposed storm water treatment systems or other prohibited land uses within proximity of private or municipal wells are addressed through the site plan review process. Storm water management plan comments are recorded and communicated through letters to the property owner/developer and site engineer, to be addressed prior to plan and permit approvals.

Program Contact

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