



June 10, 2021

Mr. Timothy R. Asplund
Monitoring Section Chief
WDNR – Bureau of Water Quality
101 S. Webster Street
Madison, WI 53707-7921

RE: Water Quality Management Letter for Sewer Service Area Amendment Request #2101 –
Waunakee USA (Village of Waunakee)

Dear Mr. Asplund:

The Village of Waunakee has submitted a request for a sewer service area amendment to the *Dane County Water Quality Plan*. The proposed amendment is currently in the Town of Westport, in the Sixmile Creek (HUC 12: 070900020602) watershed. It includes the addition of approximately 19.9 acres of land, including approximately 12.4 acres of existing development, and 2.5 acres of proposed environmental corridors for a net of approximately 5.0 developable acres to the Waunakee Urban Service Area. A public hearing was held on the proposed amendment at the May 13, 2021, Regional Planning Commission meeting. The City's application and the Commission staff's analysis report of the proposed amendment have been submitted to the Department's Surface Water Integrated Monitoring System.

It is the Capital Area Regional Planning Commission staff's opinion that the proposed amendment is consistent with water quality standards under Wis. Stat. § 281.15, and the adopted Policies and Criteria for the Review of Sewer Service Area Amendments to the *Dane County Water Quality Plan*, by meeting state and local requirements. Additional actions have also been recommended below to further improve water quality and environmental resource management.

At our June 10, 2021 meeting, the Capital Area Regional Planning Commission voted to recommend approval of this amendment to the Wisconsin Department of Natural Resources, based on the land uses and services proposed, and in recognition of the state and local requirements for the following:

1. State and local review and approval of stormwater management plan(s) is required, including Regional Planning Commission staff review and approval as part of the sewer extension review process.

- a. Stormwater and erosion control practices are required to be installed prior to other land disturbing activities. Infiltration practices are required to be protected from compaction and sedimentation during land disturbing activities.
 - b. Peak rates of runoff are required to be controlled for the 1-, 2-, 10-, and 100-year 24-hour design storms to “pre-development” levels, in accordance with the Village of Waunakee and Dane County Stormwater Ordinances.
 - c. Sediment control is required that achieves at least 80% sediment control for the amendment area based on the average annual rainfall, with a minimum of 60% of that control occurring prior to infiltration, in accordance with the Village of Waunakee and Dane County Stormwater Ordinances.
 - d. Runoff volume control is required that maintains the post development stay-on volume to at least 90% of the pre-development stay-on volume for the average annual rainfall period, in accordance with the Village of Waunakee and Dane County Stormwater Ordinances.
 - e. Oil and grease control are required that treats the first 0.5 inches of run-off using best management practices at commercial and industrial sites, in accordance with the Village of Waunakee and Dane County Stormwater Ordinances.
 - f. Maintaining pre-development groundwater recharge rates from the Wisconsin Geological and Natural History Survey’s 2012 report, *Groundwater Recharge in Dane County, Wisconsin, Estimated by a GIS-Based Water-Balance Model* (a range of 9 to 10 inches/year for the amendment area or by a site specific analysis, when required by the Village of Waunakee and Dane County Stormwater Ordinances.
2. Field verification for areas of the development site considered suitable for infiltration including a site assessment for karst features is required by the Wisconsin Department of Natural Resources Conservation Practice Standard 1002 - Site Evaluation for Stormwater Infiltration.
 3. Easements and perpetual legal maintenance agreements with the Village, to allow the Village to maintain stormwater management facilities if owners fail to do so, are required for any facilities located on private property. Stormwater management facilities shall be placed in public outlots whenever feasible and designated as environmental corridor to meet the Environmental Corridor Policies and Criteria adopted in the *Dane County Water Quality Plan*.

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It is also recommended that the Village of Waunakee pursue the following to further improve water quality and environmental resource management:

1. Continue to foster the responsible use of chlorides by encouraging businesses to use winter maintenance companies who have attended the winter salt certification classes offered by Wisconsin Salt Wise.
2. Encourage the use of native flora favored by the Rusty Patched Bumble Bee in landscaping to provide suitable habitat for this pollinator, where appropriate.

If you have any questions regarding this matter, please do not hesitate to contact Mike Rupiper, the Commission's Deputy Agency Director.

Sincerely,



Larry Palm
Executive Chairperson



Kris Hampton
Secretary

cc: Mr. Todd Schmidt, Administrator / Economic Development Director, Village of Waunakee

