



May 11, 2023

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 #2302 –
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 40 acres of land, including approximately 16 acres of proposed environmental corridors, for a net of approximately 24 developable acres to the Waunakee Urban Service Area. A public hearing was held on the proposed amendment at the April 13, 2023, Regional Planning Commission meeting. The Village'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 and additional agreements for the amendment area identified below. Additional actions have also been recommended below to further improve water quality and environmental resource management.

At our May 11, 2023, meeting, the Capital Area Regional Planning Commission voted to recommend approval of this amendment to the Wisconsin Department of Natural Resources 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-, 100-, and 200-year, 24-hour design storms to, 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 for residential land uses, 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. Maintaining predevelopment 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 (site-specific) for the amendment area or by a site-specific analysis, when required by the Village of Waunakee and Dane County Stormwater Ordinances.
2. 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.
 3. Environmental Corridors are required to be delineated to meet the Environmental Corridor Policies and Criteria adopted in the *Dane County Water Quality Plan*.

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

1. Continue to participate in regional water quality initiatives including Wisconsin Salt Wise, the Madison Area Municipal Storm Water Partnership, and Yahara WINs.
2. Require an archaeological survey be performed by a qualified archaeologist for the amendment area as recommended by the Wisconsin Historical Society and take necessary protection measures if artifacts are found.

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

Sincerely,

A handwritten signature in black ink, appearing to read "David Pfeiffer". The script is cursive and fluid.

David Pfeiffer
Executive Chairperson

A handwritten signature in black ink, appearing to read "Kris Hampton". The script is cursive and fluid.

Kris Hampton
Secretary

cc: Mr. Tim Semmann, Community Development Director, Village of Waunakee

