



June 8, 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 Amendment to the Dane County WQM Plan Request
#2305 – Waunakee USA (Village of Waunakee)

Dear Mr. Asplund:

The Village of Waunakee has submitted a request for an amendment to the *Dane County Water Quality Plan* by removing a prior condition of approval. The proposed amendment is currently in the Village of Waunakee, in the Sixmile Creek (HUC 12: 070900020602) watershed. The amendment would remove the requirement to “infiltrate 100% of the increased post-development runoff volume from the 100-year, 24-hour design storm in accordance with the Town of Westport Stormwater Ordinance”. This condition of approval was part of [CARPC Resolution No. 2017-21](#), originally approved as part of an amendment to the *Water Quality Plan* by DNR letter [DC-0191](#), dated January 11, 2018. A public hearing was held on the proposed amendment at the May 11, 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 Updates and Amendments to the *Dane County Water Quality Plan*, by meeting state and local requirements and additional agreements for the amendment area identified below, as well as those prior conditions of Resolution No. 2017-21 which are unaffected by this amendment. Additional actions have also been recommended below to further improve water quality and environmental resource management.

At our June 8, 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 “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 for residential land uses and 80% occurring prior to infiltration for commercial, industrial, and institutional 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 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.
 - f. Treat the first one-half inch of runoff to provide oil and grease control using the best available technology for commercial, institutional, and any other land uses where the potential for pollution by oil or grease, or both, exists. This is consistent with the standards currently required by Dane County and Village of Waunakee 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.

The Village of Waunakee and development team have agreed to the following water resource management measures for the amendment area:

1. Removal of condition 1(e) from CARPC Resolution No. 2017-21, which stated:
“Infiltrate 100% of the increased post-development runoff volume from the 100-year, 24-hour design storm in accordance with the Town of Westport Stormwater Ordinance.”

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.

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2. Promote the use of small-scale, green infrastructure stormwater practices, such as private rain gardens, downspout disconnection, porous pavements, and rainwater harvesting, to further increase the volume of infiltration achieved within the proposed development.

If you have any questions regarding this matter, please do not hesitate to contact Nick Bower, the Commission's Environmental Engineer.

Sincerely,



David Pfeiffer
Executive Chairperson



Kris Hampton
Secretary

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

