



September 15, 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  
#2301 – Oregon USA (Village of Oregon – “Autumn Ridge Ph 3 & 5”)

Dear Mr. Asplund:

The Village of Oregon has submitted a request for a sewer service area amendment to the *Dane County Water Quality Plan*. The proposed amendment area is currently in the Town of Oregon and Town of Rutland, in the Oregon Branch subwatershed (HUC 12: 070900020801). It includes the addition of approximately 48 acres of land, including approximately 1 acre of existing development and right-of-way and 17 acres of proposed environmental corridors, for a net of approximately 30 developable acres to the Oregon Urban Service Area. A public hearing was held on the proposed amendment at the August 10, 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. In addition to the existing state and local requirements, the Village of Oregon and development team have agreed to pursue additional water resource management measures for the amendment area, identified below. Additional actions have also been recommended below to further improve water quality and environmental resource management.

At our September 14, 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 runoff rate control is required for the 1-, 2-, 10-, 100-, and 200-year, 24-hour design storms to limit post-development runoff to pre-development levels, in accordance with Dane County Stormwater Ordinances. In addition, peak runoff rate control is required to limit the 10-year, 24-hour design storm to the pre-development level of the 2-year event, and the 100-year, 24-hour design storm to the pre-development level of the 10-year event, in accordance with the Village of Oregon Stormwater Ordinance.
  - c. Sediment control is required to achieve at least 80% sediment control for the amendment area based on the average annual rainfall period, with sediment control pretreatment occurring prior to infiltration for runoff from parking lots and new road construction within commercial, industrial, and institutional land uses, in accordance with the Village of Oregon and Dane County Stormwater Ordinances.
  - d. Runoff volume control is required to maintain 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 Oregon and Dane County Stormwater Ordinances.
  - e. Maintain predevelopment groundwater recharge rates from the WGNHS 2012 report, *"Groundwater Recharge in Dane County, Wisconsin, Estimated by a GIS-Based Water-Balance Model"*, for the amendment area (a range of 9 to 10 inches/year) or by a site-specific analysis, when required in lieu of meeting stay-on standards in accordance with the Village of Oregon and Dane County Stormwater Ordinances.
  - f. Oil and grease control are required to treat the first 0.5 inches of runoff using best management practices at commercial and industrial sites and any other uses where the potential for pollution by oil or grease, or both, exists, in accordance with the Village of Oregon and Dane County Stormwater Ordinances.
2. Easements and perpetual legal maintenance agreements with the Village of Oregon, 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.

In addition to the existing state and local requirements, the Village of Oregon and development team have agreed to pursue the following water resource management measures for the amendment area:


1. Provide post-development runoff volume control for the 1-, 2-, 10-, and 50-year, 24-hour design storms (using NRCS MSE4 storm distributions) to limit post-development runoff to pre-development levels for the Phase III area; and provide the same level of volume control to the maximum extent practicable for Phase IV & V.

It is also recommended that the Village of Oregon 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. Encourage the removal and control of invasives and the use of native flora favored by the Rusty Patched Bumble Bee in landscaping to provide suitable habitat for this pollinator, where appropriate, due to the amendment area being within the High Potential Zone for the federally endangered Rusty Patched Bumble Bee.
3. Request an archaeological survey to be performed by a qualified archaeologist for the amendment area, if recommended by the Wisconsin Historical Society, and take necessary protection measures if artifacts are found.

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: Ms. Elise Cruz, Director of Community Development, Village of Oregon

