



August 12, 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 #2008 – Oregon USA (Village of Oregon)

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 is currently in the Town of Oregon, in the Oregon Branch (HUC 12: 070900020801) watershed. It includes the addition of approximately 20.0 acres of land, including approximately 0.5 acres of existing road right of way, and 6.8 acres of proposed environmental corridors for a net of approximately 12.7 developable acres to the Oregon Urban Service Area. A public hearing was held on the proposed amendment at the July 8, 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 and agreements identified below. Additional actions have also been recommended below to further improve water quality and environmental resource management.

At our August 12, 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-, and 2-year 24-hour design storms to “pre-development” levels, in accordance with the Village of Oregon and Dane County Stormwater Ordinances. In addition, the Village of Oregon Ordinance requires peak runoff rate control to limit the 10- year 24-hour design storms to the “pre-development” level of the 2-year event, and the 100-year, 24-hour design storms to the “pre-development” level of the 10-year event.
 - 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 Oregon 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 Oregon 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 Oregon 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.
4. Environmental corridors are required to be delineated to include the proposed park and stormwater management areas 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 the development team have agreed to pursue the following water resource management measures for the amendment area:

1. Require no increase in runoff volume for the 1-year through the 50-year, 24-hour design storms.

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

1. Encourage the use of native flora favored by the Rusty Patched Bumble Bee in landscaping to provide suitable habitat for this pollinator, where appropriate.
2. Encourage the responsible use of deicers and water softeners by participating in the trainings and outreach activities of the Wisconsin Salt Wise Partnership.

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: Ms. Elise Cruz, Director of Planning & Zoning Administrator, Village of Oregon

