



October 9, 2025

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 #2503
– Belleville USA (Village of Belleville – “Badger Trails”)

Dear Mr. Asplund:

The Village of Belleville 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 Village of Belleville, and within the Ross Crossing Creek-Sugar River (HUC 12: 070900040502) watershed. It includes the addition of approximately 58 acres of land, including 13 acres of proposed environmental corridors and zero acres of existing development and right-of-way, for a net of approximately 43 developable acres to the Belleville Urban Service Area. A public hearing was held on the proposed amendment at the September 11, 2025, 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 (SWIMS).

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 Belleville 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.

State and Local Requirements

At the October 9, 2025, 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 following **requirements**:

1. Environmental Corridors are required to be delineated to meet the Environmental Corridor Policies and Criteria adopted in the *Dane County Water Quality Plan*. Additionally, a 100-foot vegetated buffer shall be provided for the wetlands associated with Ross Crossing Creek (located south and east of the amendment area) and shall be included within Environmental Corridor. Additionally, a 20' vegetated buffer shall be provided along the northern, eastern, and southern borders of the amendment area and shall be included within Environmental Corridor.
2. Sediment 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.
3. Easements and perpetual legal maintenance agreements with the Village of Belleville, to allow the Village to maintain stormwater management facilities if owners fail to do so, are required for any facilities located on private property.
4. Temporary erosion and sediment control best management practices shall be implemented to reduce the occurrence of sediment transport offsite during construction. If development occurs in phases, interim stormwater management practices shall be implemented to ensure compliance with all applicable regulations.
5. Review and approval of stormwater management plan(s) for the amendment area by Regional Planning Commission staff is required as part of the sewer extension review process. Stormwater management plan(s) shall meet or exceed all applicable standards required by Wisconsin DNR (NR 151), Dane County (Ch 14), and Village of Belleville (Chapter 450), including:
 - a. Post-development peak runoff rate control for the 1-, 2-, 10-, 100-, and 200-year, 24-hour design storms (using NRCS MSE4 storm distributions) to match predevelopment peak runoff rates.
 - b. Sediment control for the average annual rainfall period to reduce total suspended solids leaving the post-development site by at least 80%, as compared to no runoff management controls, with sediment control pretreatment occurring prior to infiltration for runoff from parking lots and new road construction within commercial, industrial, and institutional land uses.
 - c. Post-development infiltration (stay-on) volume control to maintain at least 90% of the predevelopment infiltration (stay-on) volume for the average annual rainfall

- period, without exception for sites determined to be within a closed basin watershed.
- d. Maintain predevelopment groundwater annual recharge rates of approximately 9 to 10 inches per year, as estimated in *Groundwater Recharge in Dane County, Wisconsin Estimated by a GIS-Based Water Balance Model* (Wisconsin Geological and Natural History Survey, 2012), or by site-specific analysis, as an elective alternative to meeting the 90% stay-on requirement if more than two percent (2%) of the site is required to be used as effective infiltration area, if allowed by ordinance.
 - e. Thermal control to reduce the temperature of stormwater runoff from development sites within thermally sensitive watersheds.
 - f. Oil and grease control to treat the first one-half inch of runoff using the best available technology for commercial, institutional, and any other land uses where the potential for pollution by oil or grease exists.

Additional Agreements for the Amendment Area

In addition to the above requirements, the Village of Belleville and development team have agreed to **pursue** the following measures for the amendment area:

- 1. Review and approval of stormwater management plan(s) for the amendment area by Regional Planning Commission staff is required as part of the sewer extension review process, to ensure that these agreements have been pursued to the maximum extent practicable:
 - a. Seek to control post-development infiltration (stay-on) volume to maintain 100% of the predevelopment infiltration (stay-on) volume for the average annual rainfall period, if determined to be practicable based on site-specific soil conditions, but requiring consideration of decentralized infiltration practices across the plat. In meeting this requirement, credit will be given for offsite runoff which runs onto the site and is infiltrated within onsite practices.
 - b. Thermal control to reduce the temperature of stormwater runoff from the amendment area discharging to the wetlands (south and east of the amendment area) which have a direct hydrologic connection to Ross Crossing Creek, an area of special natural resource interest (ASNRI) for being an

Exceptional Resource Water (ERW), and which has a coldwater attainable use designation by DNR.

- c. Post-development runoff volume control for the 1-, 2-, 10-, 100-, and 200-year, 24-hour design storms (using NRCS MSE4 storm distributions) to match predevelopment runoff volumes.
2. The Village shall upgrade the impellers within Green View lift station, as necessary based on phasing of development, to provide sufficient capacity to convey the additional flows from the proposed amendment area. In lieu of this work being completed, each phase of development shall demonstrate sufficient capacity within the lift station to handle the anticipated loading prior to issuance of a water quality conformance letter (208 letter).

Recommendations

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

1. Foster the responsible use of chlorides by encouraging public and private winter maintenance professionals to attend the winter salt certification classes offered by Wisconsin Salt Wise.
2. Consider the use of fencing and/or signage along the exterior perimeter of the development site to aid in wayfinding, separation of private and public properties, and educational opportunities regarding the adjacent sensitive ecosystems.
3. Encourage the removal and control of invasives and the use of native flora in landscaping, where appropriate within the entire amendment, and for all areas designated as Environmental Corridor.
4. Request a formal Endangered Resources Review by the WDNR for potential impacts to endangered resources like rare plants, animals, and natural communities, and take necessary habitat protection measures if species are found, based on the results of screening conducted.
5. Require a Phase I archaeological survey prior to ground disturbances for the entire development area due to the high potential for archaeological resources, and take appropriate protection if resources are found.

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This letter does not constitute approval or review associated with any other required local, state, or federal permit for sewer construction or associated land development activities, including CARPC review of conformance with the areawide water quality plan for sewer extension permits as required by NR 110.08(4) (public sewers) and SPS 382.30(11)(f) and 382.30(12)(b) (private sewers).

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

Sincerely,

David Pfeiffer
Chairperson

Cynthia Richson
Secretary

cc: Mr. Gabe Altenbernd, Village Administrator, Village of Belleville

