



October 13, 2022

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 #2207 –
Stoughton USA

Dear Mr. Asplund:

The City of Stoughton has submitted a request for a sewer service area amendment to the *Dane County Water Quality Plan*. The proposed amendment is currently in the City of Stoughton, in the City of Stoughton-Yahara River (HUC 12: 070900020903) watershed. It includes the addition of approximately 32 acres of land, including approximately 6 acres of proposed environmental corridors for a net of approximately 26 developable acres to the Stoughton Urban Service. A public hearing was held on the proposed amendment at the September 8, 2022, 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 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 October 13, 2022, 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 “predevelopment” levels, in accordance with the City of Stoughton 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 a minimum of 80% occurring prior to infiltration for commercial, industrial, and institutional land uses, in accordance with the City of Stoughton 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 City of Stoughton 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 City of Stoughton and Dane County Stormwater Ordinances.
2. Easements and perpetual legal maintenance agreements with the City, to allow the City 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 City of Stoughton and development team have agreed to pursue the following water resource management measures for the amendment area:

1. Post-development runoff volumes will also be controlled to levels no higher than existing for events ranging from the 1-yr through the 200-yr event.

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

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1. Continue to foster the responsible use of chlorides by collaborating with Wisconsin Salt Wise and encouraging public and private winter maintenance professionals to attend the winter salt certification classes offered by Wisconsin Salt Wise.
2. Develop and implement a restoration plan for the wetland and woodland in the amendment area.
3. Request a formal Endangered Resources Review by the WDNR or one of their certified reviewers for potential impacts to endangered resources like rare plants, animals and natural communities and take necessary habitat protection measures if species are found.
4. Encourage the use of native flora favored by the Rusty Patched Bumble Bee in landscaping to provide suitable habitat for this pollinator, where appropriate.

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

Sincerely,

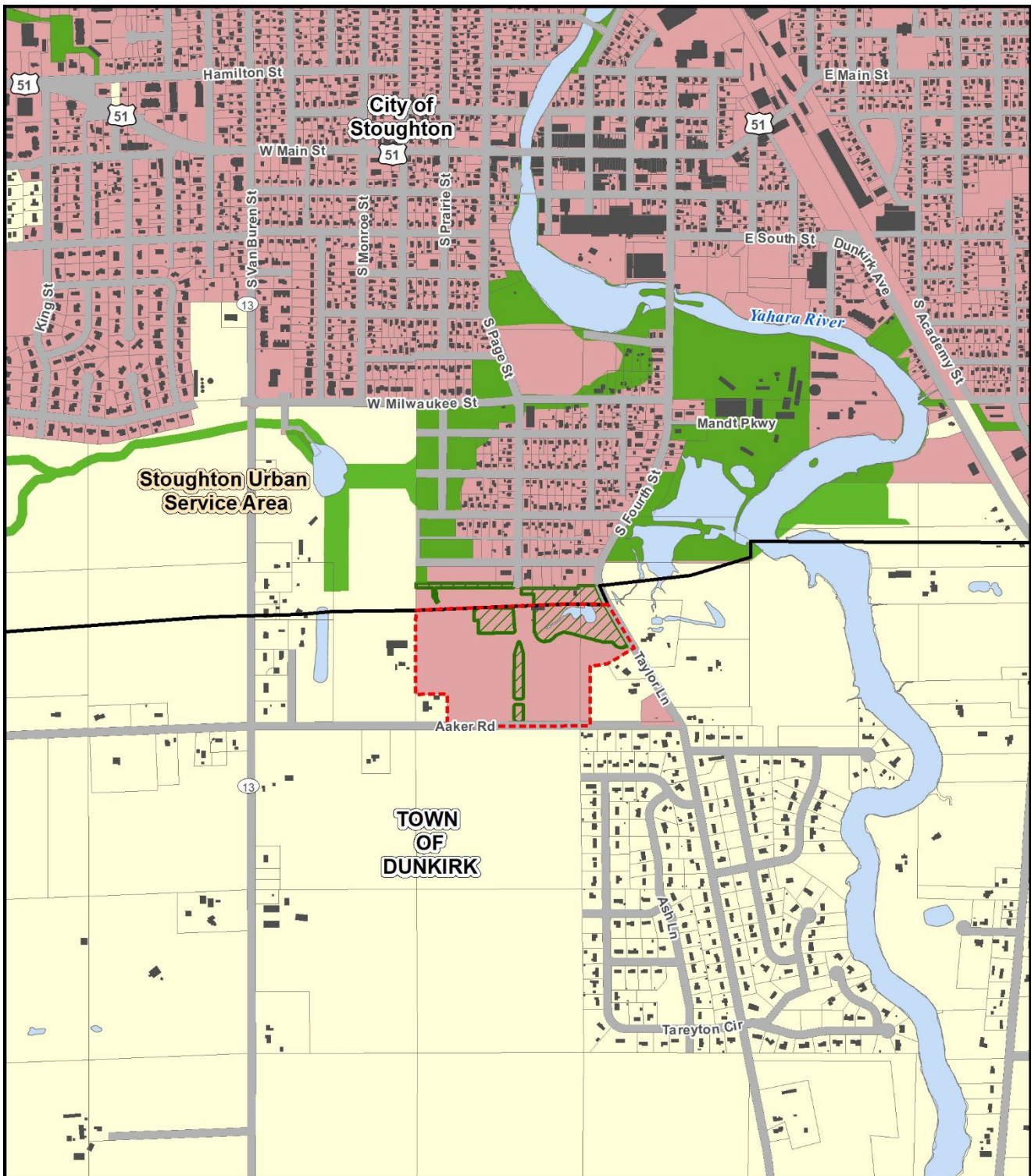


David Pfeiffer
Executive Chairperson



Kris Hampton
Secretary

cc: Mr. Rodney Scheel, Director of Planning & Development, City of Stoughton



Map 1 Amendment Area

Proposed Amendment to the Dane County Water Quality Plan, Revising the Sewer Service Area Boundary and Environmental Corridors in the Stoughton Urban Service Area

-  Existing Service Area
-  Service Area To Be Added
-  Existing Environmental Corridor
-  Environmental Corridor To Be Added

Date: 9/10/2022

0 500 1,000 Feet

