



100 State Street, Suite 400 Madison, WI 53703

www.CapitalAreaRPC.org

July 9, 2020

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
#2002 – Central USA (McFarland)

Dear Mr. Asplund,

The Village of McFarland has submitted a request for a sewer service area amendment to the *Dane County Water Quality Plan*. The proposed amendment is currently in the Village of McFarland and the Town of Dunn, in the Lake Kegonsa-Yahara River (HUC 12: 070900020902) and Door Creek (HUC 12: 070900020901) watersheds. It includes the addition of approximately 270.3 acres of land, including approximately 97.3 acres of proposed environmental corridor and 22.0 acres of existing development, for a net of approximately 151.0 developable acres to the Central Urban Service Area. A public hearing was held on the proposed amendment at the June 11, 2020, 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 the state and local requirements identified below. Additional actions have also been recommended below to further improve water quality and environmental resource management.

At our July 9, 2020 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-, 2-, 10-, and 100-year 24-hour design storms to “pre-development” levels, in accordance with the Village of McFarland 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, in accordance with the Village of McFarland 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 McFarland and Dane County Stormwater Ordinances.
 - e. Oil and grease control are required that treats the first 0.5 inches of run-off using best management practices at commercial and industrial sites, in accordance with the Village of McFarland and Dane County Stormwater Ordinances.
 - f. 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 McFarland and Dane County Stormwater Ordinances.
 - g. Maintaining suitable hydrology for sustaining the wetlands in the amendment area is required in accordance with the Village of McFarland Ordinance and NR 103.
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 wetlands, required buffers, park and open space, and stormwater management areas to meet the Environmental Corridor Policies and Criteria adopted in the *Dane County Water Quality Plan*.

Mr. Timothy R. Asplund

July 9, 2020

Page 3

The Commission's recommendation for approval of this amendment is also conditioned on the continued commitment of the Village of McFarland to pursue the following water quality measures:

1. Encourage the responsible use of deicers and water softeners by participating in the trainings and outreach activities of the Wisconsin Salt Wise Partnership.

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

1. Work with the Town of Dunn to address the stormwater runoff concerns of the downstream property owners. This could include coordinating the management of stormwater discharging into the Town with the Town Engineer (stormwater management plan comment by Town engineer), obtaining easements or other agreements with downstream property owners, and/or mitigating the increased volume of stormwater runoff.
2. Develop and implement wetland restoration plans for the wetlands within the amendment area, including the use of native vegetation in the wetland buffer areas. Plant suitability for pollinator habitat should be considered where appropriate.
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. Require an on the ground archaeological survey be performed by a qualified archaeologist for the amendment area as recommended by the Wisconsin Historical Society (see attached letter) and take necessary protection measures if artifacts are found.
5. Maintain the existing 100-foot buffer width for the wetland on the Utterback-Urso property.

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

Sincerely,

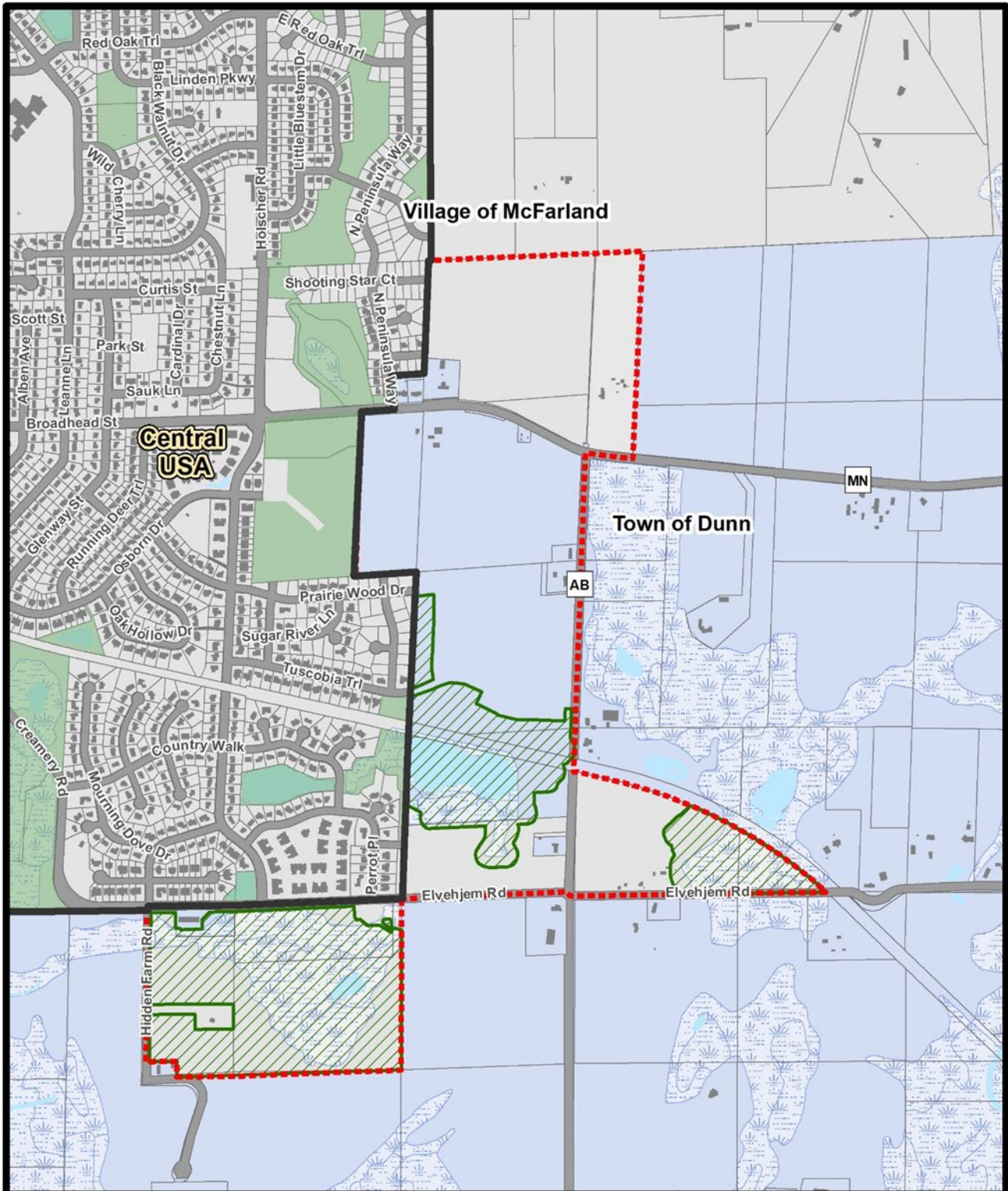


Larry Palm
Executive Chairperson







Kris Hampton
Secretary

cc: Mr. Andrew Bremer, Community & Economic Development Director, Village of McFarland

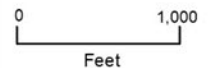


Map 1 Amendment Area

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

-  Service Area to be Added (270.3 acres)
-  Existing Service Area
-  Environmental Corridor to be Added (97.3 acres)
-  Existing Environmental Corridors

Date: 5/11/2020



Prepared by staff
of the CARPC.