



October 13, 2023

DNR No. DC0029

Mr. Nick Bower, PE Environmental Engineer
Capital Area Regional Planning Commission
100 State Street; Suite 400
Madison, WI 53703

Subject: [CARPC Sewer Service Area Plan Amendment Request #2307 for Central USA City of Madison](#)

Dear Mr. Bower:

On September 8th, 2023, the Wisconsin Department of Natural Resources (DNR) received the proposed Sewer Service Area (SSA) Plan Amendment Request #2307 from the Capital Area Regional Planning Commission (CARPC) for the City of Madison.

Amendment Area

The City of Madison has submitted a request for a minor sewer service area amendment to the Dane County Water Quality Plan. The proposed amendment area is currently in the City of Madison, in the Door Creek watershed (HUC 12: 070900020901). The amendment area is contiguous to the existing urban service area on all sides and will close a hole in the service area. It includes the addition of approximately 2 acres of existing development and right-of-way to the Central Urban Service Area.

Environmentally Sensitive Areas and Water Quality Concerns

The proposed amendment area has no environmentally sensitive areas within or adjacent to the amendment area that would require designation as environmental corridor. There are also no parks, open space, or stormwater management facilities in the amendment area that would warrant placement in environmental corridors.

There are no existing engineered stormwater management controls within the amendment area. Runoff from the amendment area drains to the southeast, eventually making its way to an unnamed intermittent stream to the southeast, and then to Door Creek. There is no development or redevelopment planned within the amendment area. If redevelopment does occur in the future, the site will be subject to all stormwater management and performance standards of the City of Madison, Dane County, and the Department, current at the time of development.

Wastewater Collection and Treatment System

Sanitary sewer service will be provided to the parcels within the amendment area by lateral connections to the existing 10-inch sewer main in Cottage Grove Road. An alternative connection is also available through connection to an existing 8-inch sewer stub coming off South Sprecher Road to the east along the rear of the parcel to the east.

There are four parcels with three residential single-family homes and one commercial property. The commercial property is being renovated from a bank to an office. The anticipated loading is not expected to change among the parcels. The parcels are anticipated to generate approximately 5,194 gallons per day (gpd) of wastewater. Assuming a peaking factor of 4, the amendment area is anticipated to generate a

peak daily flow rate of approximately 20,776 gpd. The anticipated additional loading from the amendment area is comparatively insignificant and there are no wastewater collection capacity concerns.

Madison Metropolitan Sanitary District (MMSD) will provide wastewater treatment for the amendment area at the Nine Springs Wastewater Treatment Facility. The rated monthly design flow capacity of the facility is 56.0 million gallons per day (MGD) and the maximum daily design flow capacity is 68.6 MGD. In the year 2021, the facility received an average monthly influent hydraulic loading of 36.4 MGD (65% of the 56.0 MGD design capacity). MMSD did not have any issues meeting its WPDES permit.

Local Review & Public Involvement

The amendment was reviewed by CARPC technical staff; [the report](#) indicates that the amendment is consistent with water quality standards under s. 281.15, Wis. Stats., 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.

The City of Madison has sent notification letters to the Town of Blooming Grove and the four properties within the proposed amendment. No comments have been received and no controversies have been noted. A public hearing was held on the proposed amendment on September 14, 2023, at a meeting of the Capital Area Regional Planning Commission. The meeting audio and video can be found on the [CARPC website](#). CARPC voted to recommend approval of this amendment to the Department based on the land uses and services proposed, and in recognition of the state and local requirements ([see CARPC WQM Letter](#)).

Administrative Decision

The Department finds the proposed amendment is consistent with adopted policies and procedures of the Areawide Water Quality Management Plan under ch. NR 121, Wis. Adm. Code, and s. 283.83, Wis. Stats. Additionally, the proposed amendment is consistent with water quality standards under s. 281.15, Wis. Stats., and is hereby approved with considerations recommended by CARPC in their September 2023 transmittal letter, 2307 ([see CARPC WQM Letter](#)).

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 proximity within the High Potential Zone for the federally endangered Rusty Patched Bumble Bee.
3. Encourage the implementation of various green stormwater management practices to effectively control stormwater runoff from the properties, which may include directing rooftop downspouts to pervious areas, use of permeable pavements, installation of a rain garden, use of native plantings in lieu of turf grass, and use of rainwater harvesting measures.

Statewide AWQM Plan Amendment

This amendment is a formal update to the state's Areawide Water Quality Management Plan and the Dane County Water Quality Plan and will be forwarded to the US Environmental Protection Agency to meet the requirements of the Clean Water Act of 1987 (Public Law 92-500 as amended by Public Law 95-217) and outlined in the federal regulations 40 CFR, Part 35. This review is an integrated analysis action under s. NR 150.20 (2) (a) 3, Wis. Adm. Code. By means of this review, the Department has complied with ch. NR 150, Wis. Adm. Code, and with s. 1.11, Wis. Stats. The approval of this sewer service area

amendment does not constitute approval of any other local, state, or federal permit that may be required for sewer construction or associated land development activities. T

Appeal Rights:

Wisconsin Statutes and Administrative Rules establish time periods within which requests to review Department decisions must be filed. For judicial review of a decision pursuant to ss. 227.52 and 227.53, Wis. Stats., a party has 30 days after the decision is mailed, or otherwise served by the department, to file a petition with the appropriate circuit court and serve the petition on the department. Such a petition for judicial review must name the Department of Natural Resources as the respondent.

To request a contested case hearing pursuant to s. 227.42, Wis. Stats., a party has 30 days after the decision is mailed, or otherwise served by the Department, to serve a petition for hearing on the Secretary of the Department of Natural Resources. All requests for contested case hearings must be made in accordance with s. NR 2.05(5), Wis. Adm. Code, and served on the Secretary in accordance with s. NR 2.03, Wis. Adm. Code. The filing of a request for a contested case hearing does not extend the 30-day period for filing a petition for judicial review.

Sincerely,



Tim Asplund
Monitoring Section Chief
Bureau of Water Quality



for

Jason Knutson, P.E.
Wastewater Section Chief
Bureau of Water Quality

e-cc:

Gunilla Goulding, P.E. – Wastewater Engineer, DNR Madison
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