



December 22, 2021

Ms. Lisa Helmuth
Water Resources Management Specialist
Wisconsin Department of Natural Resources
101 South Webster Street, WT/3
Madison, WI 53707-7921

RE: 2022 CARPC Water Quality Management Planning Work Program

Dear Ms. Helmuth:

As requested, enclosed is a Water Quality Planning Work Program proposal for the period of January 1st through December 31st, 2022, for your use in developing our 2022 contract. The work program reflects a continuing water quality planning program for sewer service area plan amendments, 208 conformance reviews, environmentally sensitive area delineation, support to local communities, data sharing, and continued process streamlining and coordination with the Department. In addition, our 2022 work program includes continuing collaborative work on a couple of noteworthy water resource planning efforts – chloride management plan implementation for the Starkweather Creek Watershed and green infrastructure planning for the Black Earth Creek Watershed. A major new initiative for 2022 is the Environmental Corridors Report update. The anticipated contract amount of \$90,000 for 2022 would represent about 22% of the estimated overall work program cost of \$401,300.

We appreciate your consideration of our proposed 2022 work program and thank you for your continued assistance and support. We look forward to our continuing collaboration with the Wisconsin Department of Natural Resources.

Please contact me if you need additional information or have any questions.

Mike Rupiper, PE, ENV SP
Deputy Agency Director
Capital Area Regional Planning Commission

cc: Ruth Person, NR Program Specialist, WDNR (*via email*)
Tim Asplund, Water Quality Monitoring Section Chief, WDNR (*via email*)
Ryan Raab, Budget Coordinator, WDNR (*via email*)

Capital Area Regional Planning Commission
Water Quality Management Planning Work Program
January 1, 2022 – December 31, 2022

Water Quality Planning and Plan Coordination

Collaboration with DNR

- Continue IT integration with DNR (including document upload user role – procedures, accessing DNR webservices for SSA Planning and EC reviews).
- Continue submittal of materials, reports, and correspondence to the DNR Surface Water Integrated Monitoring System (SWIMS).

Collaboration with Other Agencies

- Continue partnership with the Clean Lakes Alliance as a Strategic Collaborator for the development and implementation of the *Yahara CLEAN Compact*.
- Continue collaboration with the Madison Area Municipal Stormwater Partnership (MAMSWaP) and Green Tier Clear Waters Initiative on stormwater management and erosion control in the region.
- Continue collaboration with the WI Salt Wise partnership on efforts to reduce salt pollution in our lakes, streams and drinking water

Public Information and Education

- Conduct a variety of outreach activities related to water quality planning including presentations, webinars, e-newsletters, website content, and social media.
- Continue to promote the use of green infrastructure in the region.

Environmental Corridors Report Update

- The current Environmental Corridors Report was adopted in 1996 and outlines the rationale for and process of delineating environmental corridors - environmentally sensitive lands, natural resources requiring protection from disturbance and development, and lands needed for open space and recreational use as part of the sewer service area planning process. While this core information remains unchanged, the addition of the concept of Stewardship Areas - those locations recommended for consideration as an enhancement to the required environmental corridors including potentially restorable wetlands and the 0.2% annual chance floodplain, as part of the Regional Development Framework, necessitates an update to this report. A Steering Committee including DNR staff and local government staff will help guide this work.

Starkweather Creek Watershed Chloride Plan

- Collaborate with the WI Salt Wise Partnership, City of Madison, MMSD, Friends of Starkweather Creek, and other stakeholders on implementing a watershed-based water quality plan focused on chlorides in the Starkweather Creek watershed. The Chloride Management Plan includes an assessment of chloride sources in the watershed, monitoring, and a framework for implementing Salt Wise best management practices.

Cooperative Monitoring Program

- Ongoing water quality/quantity monitoring program with federal (United States Geological Survey) and local partners to continue the availability of long-term water monitoring data in the region.

Data Studies and Services

- Expand and update data sharing via Open Data Portal and other web services.
- Update the Water Quality Plan website as necessary.
- Tracking metrics on environmentally sensitive areas and other natural resource management objectives as part of implementation of the regional development framework (the update to the regional land use plan).

Technical Assistance

- Respond to requests for information and investigate issues related to wetland resources protection, water quality conditions, groundwater management, stormwater management, and environmental corridors.

Water Quality Plan Amendments

Sewer Service Area / Environmental Corridor Amendments

- USA plan refinement and updated delineations. Work program includes completing staff analysis reports and holding public hearings for an estimated 6 amendments to the sewer service area boundaries and/or environmental corridors of the *Dane County Water Quality Management Plan*.
- Continue close coordination with DNR on the Water Quality Plan amendment process.

Other Plan / Process Amendments

- Work with the DNR to develop and implement amendments to the *Dane County Water Quality Plan* as necessary to resolve any inconsistencies with state statutes.

Water Quality Plan Consistency

208 Conformance / Water Quality Plan Consistency Reviews

- Wastewater facility plan and MMSD annexation conformance reviews.
- Work program includes the review of an estimated 120 sewer extensions for consistency with the *Dane County Water Quality Plan* and its conditions of approval. This includes the review of stormwater management plans where required as a condition of approval.
- Respond to requests for information related to the sewer extension review and approval process.
- Review plats and development plans for consistency with the environmental corridors adopted in the *Dane County Water Quality Plan*.
- DNR staff will be copied on consistency reviews.

Regional Flood Resilience Planning

Black Earth Creek Watershed Green Infrastructure Plan

- Collaborate with the Black Earth Creek Watershed Association, the communities in the watershed, and other key stakeholders on an initiative for regional planning for flood resilience, water quality, and outdoor recreation based economic development using green infrastructure.

**Capital Area Regional Planning Commission
Water Quality Management Planning Work Program
January 1, 2022 – December 31, 2022
Estimated Staff Hours and Budget**

Work Program Element	Total Hours	Total Cost	WQMP Funded	Local Share
Water Quality Planning and Plan Coordination	3,850	\$211,200	\$64,000	\$147,200
Water Quality Plan Amendments	858	\$55,200	\$4,000	\$51,200
Water Quality Plan Consistency	1,320	\$85,100	\$22,000	\$63,100
Regional Flood Resilience Planning	651	\$49,800	\$0	\$49,800
Total	6,679	\$401,300	\$90,000	\$311,300