



100 State Street, Suite 400, Madison, WI 53703

www.CapitalAreaRPC.org

December 16, 2019 *(via email)*

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

Re: CARPC 2020 Water Quality 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, 2020, for your use in developing our 2020 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 2020 work program includes a couple of major water resource planning initiatives – a chloride management plan for the Starkweather Creek Watershed and a green infrastructure plan for the Black Earth Creek Watershed. The anticipated contract amount of \$80,400 for 2020 would represent about 15% of the estimated overall work program cost of \$542,200.

We appreciate your consideration of our proposed 2020 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.

Sincerely,

Mike Rupiper, PE, ENV SP
Director of Environmental Resources Planning

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, 2020 – December 31, 2020

Water Quality Plan Integration

Collaboration with DNR

- Continue IT integration with DNR (including document upload user role – procedures, accessing DNR webservices for SSA Planning and EC reviews, and logging into and updating narratives in WATERS).

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, bi-weekly e-newsletters, website content, and social media.
- Continued development and disseminate a guide to highlight the use of Green Infrastructure in the region.

Water Quality Plan Amendments

Sewer Service Area 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 environmental corridors of the *Dane County Water Quality Management Plan*.
- Continue close coordination with DNR on the Water Quality Plan amendment process.

Environmental Corridor Amendments

- Work program includes completing staff analysis reports and holding public hearings for an estimated 2 amendments to the environmental corridors of the *Dane County Water Quality Management Plan*.

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 Reviews

- Wastewater facility plan conformance reviews.
- Work program includes the review of an estimated 110 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.

Water Quality Plan Consistency Reviews

- Review plats and development plans for consistency with the environmental corridors adopted in the *Dane County Water Quality Plan*.

Water Quality Planning Services

Starkweather Creek Watershed Chloride Plan

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

Other Water Quality Planning Services

- Incorporate information in environmentally sensitive areas and other natural resource management objectives into the update of the regional development guide (the update to the regional land use plan).
- Collaborate with local municipalities, Dane County Department of Emergency Management, Black Earth Creek Watershed Association, and other stakeholders to develop a green infrastructure plan for the Black Earth Creek Watershed.

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.

Data Studies and Services

WDNR

- Continue submittal of materials, reports, and correspondence to the DNR Surface Water Integrated Monitoring System (SWIMS).
- Expand data sharing via web services.
- Assist the DNR with summarizing assessment data and reports into narratives for the Water Assessment, Tracking and Electronic Reporting System (WATERS).
- Update the Water Quality Plan website as necessary.

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.

Regional Trends

- Publish on the CARPC website data collected on key environmental indicators and regional environmental trends.

**Capital Area Regional Planning Commission
Water Quality Management Planning Work Program
January 1, 2020 – December 31, 2020
Estimated Staff Hours and Budget**

Work Element	Total Hours	Total Cost	WQMP Funded	Local Share
<u>Water Quality Plan Integration</u>				
Interagency Collaboration	868	\$71,689	\$13,797	\$57,892
Public Information and Education	148	\$11,386	\$2,352	\$9,034
<u>Water Quality Plan Amendments</u>	970	\$76,040	\$9,078	\$66,962
<u>Water Quality Plan Consistency</u>				
Sewer Extension Reviews	890	\$77,511	\$7,807	\$69,704
Environmental Corridors	510	\$40,739	\$8,106	\$32,633
<u>Water Quality Planning Services</u>				
Starkweather Creek Chloride Plan	1,460	\$88,640	\$11,262	\$77,378
Other Water Quality Planning	1,134	\$118,781	\$15,092	\$103,689
<u>Data Studies and Services</u>	812	\$57,380	\$12,906	\$44,474
Total	6,792	\$542,166	\$80,400	\$461,766