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Sent via email
June 7, 2016

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 FY 2016-2017 Water Quality Planning Work Program

Dear Ms. Helmuth:

Enclosed is a proposed Water Quality Planning Work Program for the period of 7/1/16 through 6/30/17 for your review and comment in developing our 2016-2017 contract. The work program reflects a continuing water quality planning program directed primarily at sewer service area plan amendments, *Water Quality Plan* updates, wetland planning, and urban stormwater management assistance. The total cost of the proposed 2016-2017 grant funded work program activities is estimated to be \$81,600. However, we understand that federal and state funding constraints will limit the availability of GPR/604b grant funds to \$80,000.

We appreciate your consideration of our proposed 2016-2017 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 questions.

Sincerely,

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

cc: Josie Lathrop, Water Resources Management Specialist, WDNR, *Sent via email*
Tim Asplund, Water Quality Monitoring Section Chief, WDNR, *Sent via email*

**Proposed 2016-2017 Work Program for the Grant Agreement Between the
Wisconsin Department of Natural Resources and the
Capital Area Regional Planning Commission
(July 1, 2016 – June 30, 2017)**

DNR GRANT FUNDED WATER QUALITY PLANNING WORK

Water Quality Planning

The grant funded work proposed during this contract period is completion and adoption of an update of the Summary Plan of the *Water Quality Plan*. The last Summary Plan of the *Water Quality Plan* was prepared in 2004, by the Dane County Regional Planning Commission. Since the creation of the agency in 2007, the Capital Area Regional Planning Commission (CARPC) has completed or is near completing the following updates to the technical appendices of the *Water Quality Plan*, as part of our ongoing water quality management planning assistance to the Wisconsin Department of Natural Resources (WDNR):

- Appendix D: Urban Nonpoint Source Analysis (2011)
- Appendix B: Surface Water Quality Conditions (2012)
- Appendix I: Private On-Site Wastewater Treatment Systems (2013)
- Appendix G: Groundwater Protection Planning Framework (2016)
- Appendix C: Point Source Inventory and Analysis (2016)

It is an appropriate time to update the Summary Plan of the *Water Quality Plan* to incorporate the updates in the technical appendices as well as other advances and changes in water quality planning and water quality management that have occurred in the region since 2004. We expect to collaborate closely with WDNR staff in the update of the Summary Plan.

Product:	Update to the Summary Plan of the <i>Water Quality Plan</i>
CARPC Staff Effort:	570 hours
Cost:	\$39,160

Water Quality Plan Amendments

The grant funded work proposed during this contract period includes preparing staff analysis reports, conducting public hearings, and associated work for an estimated 6 urban service area amendments to the *Water Quality Plan*.

Since the creation of the agency in May 2007 through 2015, CARPC has conducted the staff analyses and public hearings for 55 urban service area amendments to *Water Quality Plan*, as part of our ongoing water quality management planning assistance to the WDNR. CARPC along with its predecessor organizations the Dane County Community Analysis and Planning Division (2005 – 2007) and the Dane County Regional Planning Commission (1968 - 2004) have been conducting the sanitary sewer service area planning in the Dane County region since its inception in the 1970's.

There is a high degree of annual variability in the number of urban service area amendment requests, making accurate estimates of the actual staff effort and cost associated with this work a challenge. Since 2007, the annual number of urban service area amendment requests has ranged from a high of 13 (in 2008) to a low of 2 (in 2015). This work plan is based on an assumption of 6 urban service area amendments, which is the average from 2007 to 2015.

Product: Staff analysis, public hearing, and associated work for 6 urban service areas amendments.
CARPC Staff Effort: 400 hours
Cost: \$28,400

Planning Services

As requested by DNR staff, the grant funded work proposed during this contract period also includes the development of a complete plan for a comprehensive study of the Waubesa Wetlands. The need for this study was identified during the City of Fitchburg's Northeast Neighborhood (NEN) urban service area amendment. The scope of the project for this work period is to meet with stakeholders and develop a detailed plan and budget for a comprehensive study of the Waubesa Wetlands.

Product: Waubesa Wetlands Study Plan
CARPC Staff Effort: 140 hours
Cost: \$10,190

Water Quality Plan Consistency

Also as requested by DNR staff, the grant funded work proposed during this contract period includes providing technical review and public outreach assistance for the stormwater monitoring to be conducted as part of the negotiated agreement for the City of Fitchburg's Northeast Neighborhood.

Product: Review of Fitchburg NEN Stormwater Monitoring
CARPC Staff Effort: 60 hours
Cost: \$3,850

TOTAL FY 2016-2017 CARPC WORK PROGRAM FOR DNR

CARPC Staff Effort: 1,170 hours
Cost: \$81,600
Requested Grant Amount \$80,000

OTHER CARPC WATER QUALITY PLANNING WORK (NOT GRANT FUNDED)

It is important to note that the anticipated \$80,000 WDNR grant for water quality planning for Fiscal Year 2016 – 2017 only covers about 20% of the CARPC Environmental Resources Planning Division’s work and less than 8% of the Commission’s total budget. Other water quality planning work planned to be undertaken by the agency during the contract period, which is not funded by the DNR grant, but is funded from other revenue sources including review fees, professional services agreements, and the Commission’s property tax levy includes:

Other Water Quality Planning Work Program Task	CARPC Staff Effort	
	Hours	Cost
Sewer service area consistency review letters (208 letters) including review for consistency with the <i>Water Quality Plan</i> , including conditions of approval	832	\$55,492
Providing technical assistance to communities in conducting groundwater modeling and preparing wellhead protection and water supply plans	290	\$22,230
Preparing Environmental Conditions Reports for Future Urban Development Areas	300	\$20,900
Review of MMSD annexations, WWTF facilities plans, and WPDES permits. Providing technical assistance to communities in implementing the urban nonpoint source recommendations of the <i>Water Quality Plan</i>	220	\$15,960
Review of requests for major and minor changes to the Environmental Corridors	180	\$10,950
Coordination with other agencies, including the Dane County Lakes & Watershed Commission and the Clean Lakes Alliance on implementing the recommendations of the <i>Water Quality Plan</i>	220	\$15,960
First half of a collections system evaluation for the Madison Metropolitan Sewerage District (MMSD)	1,140	\$75,000
Total	3,182	\$216,492
Requested Grant Amount		\$0