



210 Martin Luther King Jr. Blvd. Room 362 Madison, WI 53703 Phone: 608-266-4137 Fax: 608-266-9117 [www.CapitalAreaRPC.org](http://www.CapitalAreaRPC.org) [info@CapitalAreaRPC.org](mailto:info@CapitalAreaRPC.org)

*Sent via email*  
February 2, 2018

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 2018 Water Quality Planning Work Program

Dear Ms. Helmuth:

As requested, enclosed is a Water Quality Planning Work Program proposal for the period of January 1<sup>st</sup> through December 31<sup>st</sup> 2018, for your use in developing our 2018 contract. The work program reflects a continuing water quality planning program directed primarily at 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. The total cost of the proposed 2018 grant funded work program activities is estimated to be \$80,400, about 20% of the overall work program costs.

We appreciate your consideration of our proposed 2018 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, *Sent via email*  
Tim Asplund, Water Quality Monitoring Section Chief, WDNR, *Sent via email*

---

**Capital Area Regional Planning Commission**  
**Water Quality Management Planning Work Program**  
**January 1, 2018 – December 31, 2018**

---

**Regional Water Quality Plan Integration**

Collaboration with DNR

- IT integration with DNR (trainings, data entry as possible, and close coordination)

Collaboration with Other Agencies

- Continue collaboration with the Clean Lakes Alliance associated with the implementation of the *Yahara CLEAN Strategic Action Plan for Reducing Phosphorus*.
- 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.
- Expand 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.

**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 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*.

**Water Quality Plan Consistency**

208 Conformance Reviews

- Wastewater facility plan conformance review .
- Work program includes the review of an estimates 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**

#### ESA Mapping

- Mapping of Environmentally Sensitive Areas outside of current sewer service area and environmental corridor boundaries. This will aid the regional land use plan update work of A Greater Madison Vision, as well as, help inform the future comprehensive and neighborhood plans of communities in the region.

#### Waubesa Wetlands Study Plan

- Continue to coordinate with the WDNR, U.W. Madison Water Resources Management Practicum, and other stakeholders on the development of a resource management plan for the Waubesa Wetlands Watershed. Work program budget includes allocating \$10,000 in funds to the UW for this effort.

#### 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.

#### MMSD Planning Services (not grant funded)

- Complete work on a collection system capacity evaluation for the Madison Metropolitan Sewerage District.

#### PSSD Planning Services (not grant funded)

- Conduct a collection system capacity evaluation for the Pleasant Springs Sanitary District.

### **Data Studies and Services**

#### WDNR

- Continue submittal of materials, reports, and correspondence to the WDNR Surface Water Integrated Monitoring System (SWIMS).
- Expand data sharing via web services.
- Publishing on the CARPC and/or DNR website as appropriate information gathered for the update of the Water Quality Summary Plan.

#### 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, 2018 – December 31, 2018  
Estimated Staff Hours and Budget**

<b>Work Element</b>	<b>Total Hours</b>	<b>Total Cost</b>	<b>Grant Funded</b>	<b>Local Share</b>
<b><u>Regional Water Quality Plan Integration</u></b>				
Interagency Collaboration	780	\$51,459	\$21,300	\$30,159
Public Information and Education	80	\$4,576	\$1,900	\$2,676
<b><u>Water Quality Plan Amendments</u></b>				
	774	\$46,075	\$2,000	\$44,075
<b><u>Water Quality Plan Consistency</u></b>				
Sewer Extension Reviews	802	\$55,200	\$0	\$55,200
Environmental Corridors	480	\$25,373	\$10,600	\$14,773
<b><u>Water Quality Planning Services</u></b>				
ESA Mapping and Other Planning	1,429	\$61,984	\$25,600	\$36,384
Waubesa Wetlands Study	360	\$29,318 <sup>1</sup>	\$8,000	\$21,318
MMSD Collection System Study	1,252	\$78,588	\$0	\$78,588
PSSD Collection System Study	130	\$9,613	\$0	\$9,613
<b><u>Data Studies and Services</u></b>				
	452	\$27,336	\$11,000	\$16,336
<b>Total</b>	<b>6,539</b>	<b>\$389,522</b>	<b>\$80,400</b>	<b>\$309,122</b>

<sup>1</sup> Includes allocating \$10,000 in funds to the UW Water Resources Management Practicum for this effort.