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Sent via email
January 11, 2018

Mr. Ryan Raab, Budget Coordinator
Wisconsin Department of Natural Resources
Bureau of Water Quality - WY/3
P.O. Box 7921
Madison, WI 53707-7921

RE: Final Report and Billing: July 1, 2017 – December 31, 2017
CARPC Water Quality Management Planning Work Program
WDNR Purchase Order: 37000-0000006581

Dear Mr. Raab:

Enclosed is a final report summarizing the status and progress on the work completed during the entirety of our July 1, 2017 to December 31, 2017 water quality planning work program. The complete work program includes over 2,700 staff hours at a total cost of \$181,500. Of this total, \$45,000 or about 25 percent is funded by the state and federal funds provided by our agreement.

We appreciate our continuing collaboration with the Wisconsin Department of Natural Resources on water quality management planning and look forward continuing this important work in 2018.

If you have any questions or need additional information, please contact me at 608-266- 9283 or miker@capitalarearpc.org.

Sincerely,

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

cc/ encl.: Lisa Helmuth, WDNR, *Sent via email*
Tim Asplund, WDNR, *Sent via email*
Ruth Person, WDNR, *Sent via email*

INVOICE

JANUARY 11, 2018

From: Capital Area Regional Planning Commission
210 Martin Luther King Jr. Blvd. #362
Madison, WI 53703
(608) 266-4137

To: Ruth Person – WY/3
Wisconsin Department of Natural Resources
Attn: Accounts Payable – FN/2
P.O. Box 7921
Madison, WI 53707

Description:
WDNR Purchase Order: 37000-0000006581
WATER QUALITY MANAGEMENT PLANNING
July – December 2017

Work Plan Element	Grant Request
Regional Water Quality Plan	\$15,000
Regional Water Quality Plan Integration	\$9,000
Water Quality Plan Amendments	\$0
Water Quality Plan Consistency	\$13,000
Water Quality Planning Services	\$4,000
Outreach and Education	\$4,000
Total Program July – Dec. 2017	\$45,000
State FY 2017 GPR (#370.604)	\$22,500
Federal 604b (CFDA #66.454)	\$22,500
Billed previously	\$0
Received to date	\$0
Billed for July – Dec. 2017	\$45,000
Total Due	\$45,000

Capital Area Regional Planning Commission
Water Quality Management Planning Work Program
Final Report
July 1, 2017 – December 31, 2017

Regional Water Quality Plan

Dane County Water Quality Summary Plan

- Completed gathering information and drafting text for this update the 2004 Summary Plan. The project was temporarily placed on hold due to staff changes and the need to complete other higher priority projects. Continuing work in 2018 will include publishing this information via the CARPC and/or DNR website as appropriate.

Regional Water Quality Plan Integration

Collaboration with Other Agencies

- Continued collaboration with the Clean Lakes Alliance associated with the implementation of the *Yahara CLEAN Strategic Action Plan for Reducing Phosphorus*.
- Continued collaboration with the Madison Area Municipal Stormwater Partnership (MAMSWaP) and Green Tier Clear Waters Initiative on stormwater management and erosion control in the region.
- Expanded collaboration with the WI Salt Wise partnership on efforts to reduce salt pollution in our lakes, streams and drinking water

Public Information and Education

- Conducted 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

- Completed staff analysis reports and held public hearings for amendments to the sewer service area boundaries and environmental corridors in the Village of Cross Plains and Village of Waunakee.
- Worked with the City of Madison and City of Stoughton on their upcoming urban service area amendment proposals.
- Coordination with DNR on the Water Quality Plan amendment process.

Environmental Corridor Amendments

- Completed staff analysis report and held public hearing for amendment to the environmental corridors in the Waunakee Sewer Service Area.

Water Quality Plan Consistency

208 Conformance Reviews

- Reviewed 42 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.

- Responded to requests for information related to the sewer extension review and approval process.

Water Quality Plan Consistency Reviews

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

Water Quality Planning Services

MMSD Planning Services (not grant funded)

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

Waubesa Wetlands Study Plan

- Continued 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.

Environmental Conditions Reports

- No activity this reporting period.

Dane County Lakes & Watersheds Commission (not grant funded)

- Continued collaboration with the Dane County Lakes & Watersheds Commission on implementation of the recommendations of the Stormwater Technical Advisory Committee.
- Continued work on identifying and mapping internally drained areas.

Technical Assistance

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

Data Studies and Services

Regional Trends

- Collected data for the annual Environmental Resources Regional Trends report. This report presents data on six key environmental indicators. Continuing work will include publishing this information via the CARPC website.

Cooperative Monitoring Program

- Continued 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.

WDNR

- Continued submittal of materials, reports, and correspondence to the WDNR Surface Water Integrated Monitoring System (SWIMS).

Capital Area Regional Planning Commission
2017 Water Quality Planning Work Program
Final Report
July 1, 2017 – Dec. 31, 2017

Work Element	Total Hours	Total Cost	Grant Funded	Local Share
<u>Regional Water Quality Plan</u> Summary Plan Update	212.00	\$ 17,623	\$ 15,000	\$ 2,623
<u>Regional Water Quality Plan Integration</u> Interagency Collaboration	124.50	\$ 10,568	\$ 8,000	\$ 2,568
Public Information and Education	27.75	\$ 1,912	\$ 1,000	\$ 912
<u>Water Quality Plan Amendments</u>	324.75	\$ 24,630	\$ -	\$ 24,630
<u>Water Quality Plan Consistency</u> Sewer Extension Reviews	330.50	\$ 22,563	\$ 12,000	\$ 10,563
Environmental Corridors	30.50	\$ 2,010	\$ 1,000	\$ 1,010
<u>Water Quality Planning Services</u> MMSD Collection System Study	1,325.50	\$ 78,832	0	\$ 78,832
Waubesa Wetlands Study	70.75	\$ 4,562	\$ 4,000	\$ 562
Internally Drained Areas Mapping	203.25	\$ 12,949	\$ -	\$ 12,949
<u>Data Studies and Services</u>	73.25	\$ 5,851	\$ 4,000	\$ 1,851
Total	2,722.75	\$ 181,500	\$ 45,000	\$ 136,500