



May 17, 2023

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: 1st Qtr. Report and Invoice: January 1, 2023 – March 31, 2023
CARPC Water Quality Management Planning Work Program

Dear Mr. Raab:

Enclosed is a quarterly report summarizing the status and progress on the work completed during the first quarter of our 2023 water quality planning work program. The completed work program during this quarter includes over 2,000 staff hours at a total cost of about \$133,000. Of this first quarter total, \$23,750 or about 18 percent is to be funded by our anticipated agreement. Our work program totals include two elements, WI Salt Wise and Climate Resilience Planning. These programs have not received DNR funding to date, but we will welcome it if additional funding becomes available.

We appreciate our continuing collaboration with the Wisconsin Department of Natural Resources on water quality management planning. We look forward to receipt of a contract to continue this important work in 2023.

If you have any questions or need additional information, please contact me at 608-474-6016 or miker@capitalarearpc.org.

Sincerely,

A handwritten signature in blue ink that reads "Mike Rupiper". The signature is fluid and cursive.

Mike Rupiper, PE, ENV SP
Deputy Agency Director

cc: Tim Asplund, WDNR (*via email*)
Betsy Jo Howe, WDNR (*via email*)
Ruth Person, WDNR (*via email*)



WI DEPT OF NATURAL RESOURCES
Attn: RUTH PERSON
PO BOX 7921
MADISON WI 537077921

**** Invoice # 971 ****

Reference#

INVOICE DESCRIPTION: WDNR P.O.: TBD
WDNR - CARPC Water Quality Management
Planning Agreement
January-March 2023

Billing Date: 03/31/2023
Due Date: 06/12/2023

Item Description	Item Amount
CARPC Water Quality Management Planning - Q1 2023	<u>\$23,750.00</u>

TOTAL BALANCE DUE: \$23750.00

**NOTE: REMIT PAYMENT TO: CAPITAL AREA REGIONAL PLANNING COMMISSION, 100 STATE STREET, SUITE 400, MADISON, WI 53703. THANK YOU.
FOR QUESTIONS ABOUT THIS INVOICE, PLEASE DIRECT YOUR INQUIRIES TO US AT:
ACCOUNTING@CAPITALAREARPC.ORG**

INVOICE DETAIL

MARCH 31, 2023

Description:

WDNR Purchase Order: TBD

WATER QUALITY MANAGEMENT PLANNING

January – March 2023

Work Plan Element	Grant Request
Regional Water Quality Plan Integration	\$7,400
Water Quality Plan Amendments	\$400
Water Quality Plan Consistency	\$1,750
Water Quality Planning Services	\$5,300
Data Studies and Services	\$8,900
Total Program Jan. – Mar. 2023	\$23,750
State FY 2022	TBD
Federal 604b	TBD
Contract Total¹	\$95,000
Billed previously (Inv. # 921, 4 th Qtr. 2022)	\$10,500
Received	\$0
Billed for Jan. – Mar. 2023	\$23,750
Total Due	\$34,250

¹ Anticipated contract amount based on meeting with WDNR staff.

Capital Area Regional Planning Commission
Water Quality Management Planning Work Program
First Quarter Report
January 1, 2023 – March 31, 2023

Regional Water Quality Plan Integration

Collaboration with Other Agencies

- Continued collaboration with the Clean Lakes Alliance and other partners associated with the implementation of the *Yahara CLEAN Strategic Action Plan for Reducing Phosphorus*. Participating as a Strategic Partner in the Yahara CLEAN Compact. There was a public roll out of the *Renew the Blue* plan on May 18th ([link to site](#)).
- 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.

Public Information and Education

- Conducted a variety of outreach activities related to water quality planning including presentations, bi-weekly e-newsletters, website content, webinars, and social media.

Collaboration with DNR

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

Water Quality Plan Amendments

Sewer Service Area Amendments

- Worked with the City of Middleton (Central SSA), City of Stoughton (Stoughton SSA), Village of Waunakee (Waunakee SSA) Village of Marshall (Marshall SSA), Village of DeForest (Northern SSA), and Village of Oregon (Oregon SSA) on sewer service area amendments.
- Coordination with DNR on Water Quality Plan amendments.

Environmental Corridor Amendments

- None this quarter.

Water Quality Plan Consistency

208 Conformance Reviews

- Reviewed 24 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.
- No MMSD annexation reviews this quarter.

- 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

Environmental Corridor Report Update

- Drafting the updated report was a focus of work in this quarter.

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

Water Quality Plan Website

- Maintain website to make key information from the Water Quality Summary Plan available on-line at carpcwaterqualityplan.org, including data on the main environmental indicators formerly published in Regional Trends reports.

Data Sharing

- Expanded data sharing via web service with the creation of an open data portal ([link to portal](#)). The portal currently includes sewer service area and environmental corridor data (protection and stewardship areas), internally drained areas, groundwater nitrate data, groundwater recharge data, percent tree canopy cover, bedrock depth and potential karst features, historical urban service amendment information, and historical survey and aerial photos.
- Developed an interactive map showcases urban green infrastructure practices used for stormwater management throughout the region ([link to viewer](#))
- Environmental corridor records are being reviewed and the corresponding GIS data is being updated where appropriate.

Groundwater Modeling

- None this quarter.

Record Scanning and Archiving

- Completed process of scanning of historical sewer service area amendment documents. Documents are being uploaded into the WDNR Surface Water Integrated Monitoring System (SWIMS). This information is also being made available as an interactive map on the CARPC [open data portal](#). Older records will continue to be uploaded into SWIMS and the CARPC website as time allows.

Cooperative Monitoring Program

- Continued ongoing water quality/quantity monitoring program with United States Geological Survey and local partners to continue the availability of long-term water monitoring data in the region.
- Work with communities on implementation of the USGS monitoring station on Swan Creek as recommended in the Waubesa Wetlands plan.

WDNR

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

WI Salt Wise

- Continued work with the Friends of Starkweather Creek, WI Salt Wise, City of Madison, DNR, and other stakeholders on implementation of the *Starkweather Creek Chloride Management Plan* ([link to plan](#)) including chloride monitoring. A website has also been developed for this project ([link to website](#)).
- Continued collaboration with the WI Salt Wise partnership on efforts to reduce salt pollution in our lakes, streams and drinking water. Brought WI Salt Wise into CARPC in January 2023.
- Collaboration with the Rock River Coalition to expand chloride monitoring in that Rock River Watershed.

Climate Planning Services

- Working with the Black Earth Creek Watershed Association, communities in the watershed, DNR, and other stakeholders on implementing the green infrastructure plan for improving water quality and flood resilience in the Black Earth Creek watershed ([link to project website](#)).
- Working with the Dane County Tree Canopy Collaborative to collectively maintain, protect, and expand public and private tree canopy across Dane County with a particular focus on ensuring equitable access to trees and their associated benefits for all residents ([link to website](#)).
- Working with the Midwest Climate Collaborative on an NSF CIVIC grant to address the urban heat island effect and improve air quality through community tree canopy. Also partnered on a Midwest Big Data Hub grant to create a climate asset map.

Capital Area Regional Planning Commission
2023 Water Quality Planning Work Program
Quarterly Report
January 1, 2023 – March 31, 2023

Work Element	Total Hours	Total Cost	DNR Funded	Local Share
<u>Regional Water Quality Plan Integration</u>				
Interagency Collaboration	262.00	\$ 29,809	\$ 7,000	\$ 22,809
Public Information and Education	12.00	\$ 1,497	\$ 400	\$ 1,097
<u>Water Quality Plan Amendments</u>				
Process and Coordination	10.50	\$ 1,578	\$ 400	\$ 1,178
SSA Amendments	143.50	\$ 15,543		\$ 15,543
Major EC Amendments	0.00	\$ -		\$ -
<u>Water Quality Plan Consistency</u>				
Sewer Extension Reviews	152.25	\$ 16,708		\$ 16,708
Environmental Corridors / WPDES Reviews	74.00	\$ 7,366	\$ 1,750	\$ 5,616
<u>Water Quality Planning Services</u>				
EC Report Update	268.50	\$ 22,625	\$ 5,300	\$ 17,325
Other Water Quality Planning	0.00	\$ -		\$ -
<u>Data Studies and Services</u>	410.50	\$ 37,883	\$ 8,900	\$ 28,983
<u>WI Salt Wise</u>	507.50	\$ 51,121		\$ 51,121
<u>Climate Planning Services</u>	193.50	\$ 22,885		\$ 22,885
Total	2,034.25	\$ 133,010	\$ 23,750	\$ 109,260