



July 21, 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: 2nd Qtr. Report and Invoice: April 1, 2023 – June 30, 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 second quarter of our 2023 water quality planning work program. The completed work under this program during this quarter includes approximately 1,090 staff hours at a total cost of about \$114,600. Of this quarter total, \$26,650 or about 23 percent is to be funded by our 2023 agreement with DNR. Please note, our work program reporting includes two additional related elements beyond the current scope of our Water Quality Management Planning work program—WI Salt Wise and Climate Resilience Planning Services. 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 amendment and continuing this important work in 2023.

If you have any questions or need additional information, please contact me at 608-474-6019 or nickb@capitalarearpc.org.

Sincerely,

A handwritten signature in black ink that reads "Nicholas Bower".

Nicholas Bower, PE
Environmental Engineer

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 # 1001 ****

Reference#

INVOICE DESCRIPTION: WDNR P.O.: 37000-0000024530
WDNR - CARPC Water Quality Management
Planning Agreement
April-June 2023

Billing Date: 06/30/2023

Due Date: 08/21/2023

Item Description	Item Amount
CARPC Water Quality Management Planning - Q2 2023	<u>\$26,650.00</u>

TOTAL BALANCE DUE: \$26650.00

**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

JUNE 30, 2023

Description

WDNR Purchase Order: 37000-0000024530
WATER QUALITY MANAGEMENT PLANNING
2nd Quarter (April – June 2023)

Work Plan Element	Grant Request
Regional Water Quality Plan Integration	\$8,600
Water Quality Plan Amendments	\$1,200
Water Quality Plan Consistency	\$1,750
Water Quality Planning Services	\$6,200
Data Studies and Services	\$8,900
Work Program Total April – June 2023	\$26,650
State FY 2023 ¹	\$50,400
Federal 604b	TBD
Contract Total²	\$95,000
Billed Previously (Inv. # 971, Q1 2023)	\$23,750
Received	\$23,750
Billed for Current Quarter	\$26,650
Total Due	\$26,650

¹ Current value of agreement per PO 37000-0000024530.

² Anticipated contract amount based on meeting with WDNR staff.

Capital Area Regional Planning Commission
Water Quality Management Planning Work Program
Second Quarter Report
April 1, 2023 – June 30, 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 Collaborator in the Yahara CLEAN Compact. The *Renew the Blue* plan was rolled out on May 18th, 2022 ([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.
- Continued IT integration with DNR (e.g., trainings, data entry, and close coordination).

Public Information and Education

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

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 DeForest (Northern SSA), City of Madison (Central SSA), and Village of Oregon (Oregon SSA) on sewer service area amendments.
- Coordinated with DNR on Water Quality Plan amendments.

Environmental Corridor Amendments

- None this quarter.

Water Quality Plan Consistency

208 Conformance Reviews

- Reviewed 23 sewer extensions for consistency with the *Dane County Water Quality Plan* and applicable conditions of approval. This includes the review of stormwater management plans where required as a condition of approval.
- Reviewed 6 MMSD annexation requests this quarter.
- Responded to various requests for information related to the sewer extension review 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

- Continued meeting with Steering Committee and drafting the updated report.

Technical Assistance

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

Data Studies and Services

Water Quality Plan Website

- Maintained website to make key information from the *Dane County Water Quality Plan* available online at carpcwaterqualityplan.org, including data on the main environmental indicators formerly published in Regional Trends reports.

Data Sharing

- Maintained data sharing via web service with the CARPC Open Data Portal ([link to portal](#)).
- Maintained an interactive map showcasing urban green infrastructure practices used for stormwater management throughout the region (Urban Green Infrastructure Viewer) ([link to viewer](#)).
- Reviewed environmental corridor records and updated corresponding GIS data, as appropriate.

Groundwater Modeling

- None this quarter.

Cooperative Monitoring Program

- Continued ongoing water quality/quantity monitoring program with United States Geological Survey (USGS) and local partners to continue long-term water monitoring data in the region.

WDNR Record Keeping

- Continued submittal of materials, reports, and correspondence to the WDNR Surface Water Integrated Monitoring System (SWIMS), as well as scanning of historical sewer service area amendment documents. Most documents also available through the CARPC [Open Data Portal](#).

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. Maintain project website ([link to website](#)).
- Conducted a variety of outreach activities related to reducing salt pollution in our waters, including presentations, website content, webinars, social media, and trainings.
- Collaboration with the Rock River Coalition to expand chloride monitoring in Rock River Watershed.

Climate Resilience Planning Services

- Continued 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](#)).
- Continued working with the Dane County Tree Canopy Collaborative to maintain, protect, and expand public and private tree canopy across Dane County ([link to website](#)). Work includes the Heritage Oak Project, a Equitable Canopy Cover Mapping web tool in development, and the Woodland Preservation Prioritization in Yahara/Mendota watersheds project.
- Continued working with the Midwest Climate Collaborative to respond to the climate crisis ([link to website](#)). This included pursuit of an NSF CIVIC grant to address the urban heat island effect and improve air quality through community tree canopy. Also partnering 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
April 1, 2023 – June 30, 2023

DNR Work Program Element	Total Hours	Total Cost	DNR Funded	Local Share
<u>Regional Water Quality Plan Integration</u>				
Interagency Collaboration	157.00	\$ 18,671	\$ 7,000	\$ 11,671
Public Information and Education	47.00	\$ 5,141	\$ 1,600	\$ 3,541
<u>Water Quality Plan Amendments</u>				
Process and Coordination	24.50	\$ 3,410	\$ 1,200	\$ 2,210
SSA Amendments	237.00	\$ 24,546	\$ -	\$ 24,546
Major EC Amendments	0.00	\$ -	\$ -	\$ -
<u>Water Quality Plan Consistency</u>				
Sewer Extension Reviews	152.00	\$ 16,464	\$ -	\$ 16,464
Environmental Corridors / WPDES Reviews	51.00	\$ 4,867	\$ 1,750	\$ 3,117
<u>Water Quality Planning Services</u>				
EC Report Update	130.50	\$ 15,153	\$ 6,000	\$ 9,153
Other Water Quality Planning	6.00	\$ 694	\$ 200	\$ 494
<u>Data Studies and Services</u>	288.00	\$ 25,651	\$ 8,900	\$ 16,751
Total Work Program	1,093.00	\$ 114,596	\$ 26,650	\$ 87,946
Additional Related Work Elements				
<u>WI Salt Wise</u>	429.00	\$ 42,132	\$ -	\$ 42,132
<u>Climate Resilience Planning Services</u>	149.50	\$ 16,592	\$ -	\$ 16,592
Total Related Work	578.50	\$ 58,724	\$ -	\$ 58,724