

WPLMN Interim Progress Report

Watershed Pollutant Load Monitoring Network (WPLMN)

520 Lafayette Road North St. Paul, MN 55155-4194

Doc Type: Contracts Interim Report

Instructions on page 5 Due February 1, annually

Submitta	al date: 1/3/2022 (mm/dd/yyyy	')
Approva	Il date: 3/22/2022	Minnesota Pollution Control Agency (MPCA) approver: Diana Macziewski
	(mm/dd/yyyy	
I. P	roject informa	ition
Project t	itle: RCRCA Wate	rshed Pollutant Load Monitoring Network Project
TEMPO	Agency Interest ID:	191308 TEMPO Activity ID: PRO20200002
SWIFT r	number: <u>186789</u>	Purchase order number: 3000027655
Local p	artner informatio	n:
Organiza	ation name: Redwoo	d-Cottonwood Rivers Control Area (RCRCA)
Primary	contact name: Kerry	Netzke Phone: 507-532-1325 Email address: kerry.netzke@rcrca.com
Report	ing period:	
-	te: 1/4/2021	End date: 12/31/2021
otan da	(mm/dd/yyyy)	(mm/dd/yyyy)
Project	: location:	
Basin (d	check all that apply)	:
Red	River Rainy Rive	er 🔲 Lake Superior 🖂 Minnesota 🔲 Lower Mississippi 🔲 St. Croix 🔲 Upper Mississippi
Major wa	atershed(s): Redwo	od, Cottonwood, MN River-Mankato Hydrologic unit code(s): 0702(0006,0007,0008)
-		Minnesota Valley Testing Laboratories (MVTL), Inc New Ulm, MN
	-	nts (FTEs) worked on this project in the report period (hours/2,088 hours): 0.17
	, ran anno oquirano.	<u> </u>
II. A	activities comp	leted
Table 1	: Workplan activi	ties
1.		es completed during the report period under the current contract. Include task level detail as to the instructions on the last page for an example. (Insert more rows as needed by hitting the row/column.)
-	Objective/task	Description
=	Task A	Attended WebEx training on 3/3/2021 addressing "River Trends in MN" and contract changes.
=	Task B	Tracked budget expenditures and prepared quarterly invoices with necessary documentation.
÷	Task C	Prepared the Interim Progress Report (IPR) and submitted prior to the 2/1/2022 due date.
-	Task C	Approved IPR will be posted to RCRCA's website.
-	Task D	Primary sampler attended 16 conference calls. Backup sampler attended 2 conference calls.
	Task F	No familiarization with sampling sites was required as they remained the same from prior grants.

Task E

No equipment purchases were made in 2021. Only purchased supplies consisting of ice, distilled

water, gloves, USB flash drives, camera bag, and tote bag for carrying sampling equipment.

	Task E sampling vehicle.								
	Tas	k E	Used A	t in accordance to protocol for MN River-Morton site.					
	Tas	k F	Reviewed laboratory results for any errors within 5 days of receiving.						
-	Tas	k G	Calibrated DO, pH, and specific conductance probes prior to each sampling event during open wa sampling. Documented calibration and maintenance records in log book and submitted field meter calibration						
-	Tas	k G	log by January 1, 2022.						
	Tas	k H	Collected 61 water quality samples and field information at the Tier 3 subwatershed sites from ice out through October 31. Sample counts by site: 11 at Redwood River near Russell, 13 at Redwood River near Marshall, 23 at Cottonwood River near Leavenworth, and 14 at Sleepy Eye Creek near Cobden. Ice out occurred between 3/8/21 and 3/11/21 for these sites.						
-	Task H		Collected 74 water quality samples and field information at the Tier 3 major watershed and basin sites as follows: 26 at Cottonwood River near New Ulm, 21 at Redwood River near Redwood Falls, and 27 at Minnesota River near Morton. Ice occurred between 3/5/21 and 3/10/21 for these sites.						
	Tas	k H	Collected 1 field replicate sample per year at each subwatershed site. Collected 1 field replicate sample per year at each major watershed site. Collected 0 equipment blank samples due to the drought conditions of 2021.						
_	Tas	k I	electron	nically using GoCanvas and su	nents and observations at each visit. Recorded data in the field book and anvas and submitted by the 1 st and 15 th of each month. Data not submitted by January 1, May 1, August 1, and November 1.				
	Tas	k J	Obtained 2019 FLUX32 input files, calculated loads and verified calculations for all 7 sampling sites: S000-145, S001-679, S001-203, S000-696, S001-920, S001-919, and S001-918.						
2.									
	a.	Quality Assurance	ce Project	t Plan (QAPP) approval date:					
	Yes ⊠ No								
				Reason for revision(s					
c. Was the field meter calibration log submitted by January 1? ⊠ Yes ☐ No									
		If no, submittal d	ate:	Comments:					
	d. Were GoCanvas submissions completed by the 1st and 15th of each month (check one)?								
		☐ Rarely (9+ mi	issed dea	adlines) Sometimes (3-8 m	sissed deadlines)				
		☐ Almost alway	s (1-2 mi	ssed deadlines) Always					
Comments: Missed deadlines were due to deadlines falling on weekends or holidays. Submissions were of days past due.									
	e.	Please list the su	ıbmittal d	ates for the field sheets, field b	ooks, and extra pictures.				
		Deadline Janu	ary 1.	Submittal date: 12/29/21	Comments:				
		Deadline May	1.	Submittal date: 4/30/21	Comments:				
		Deadline Augu	ıst 1.	Submittal date: 8/3/21	Comments: August 1 was a Sunday				
		Deadline Nove	mber 1.	Submittal date: 11/9/21	Comments: Sampler on vacation which delayed submission.				
	f.	If applicable, were pollutant loads submitted by deadline (within 60 days of receiving the .xml)? ☐ Rarely ☐ Sometimes ☐ Almost Always ☒ Always							
		Comments:							
	g.	Were project state	ff able to	attend the check in telephone	conferences during the reporting period?				
		☐ Rarely (9+ mi	issed me	d meetings)					
		Comments: Pri	imary Sai	mpler attended all but 2 confer	ences; backup sampler attended those 2 calls.				
3.	Was a backup sampler used to collect any of the samples? \square Yes $\ igotimes$ No								
		If yes, please de	scribe wh	en, who, if they were trained, a	and any other details:				

Maintained Permit to Appropriate and Transport Water for Water Quality Sampling in each

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4.	Were you comfortable with your level of training and current ability to complete the obligations of your workplan? Yes.
5.	Describe in detail any problems, delays, or difficulties that occurred in fulfilling the requirements of the workplan. How did you resolve these problems? Duplicate and equipment blank samples were not completed as planned due to low flow conditions for the majority of the sample season and low sample counts overall. Field duplicates are normall collected under higher flow conditions, which did not occur in 2021, and very few storm events occurred after the spring melt.
6.	Were there any change orders and/or amendments to the contract and workplan? ☐ Yes ☒ No If yes, summarize the changes:
7.	Please provide any constructive feedback regarding the WPLMN (training, deliverables, deadlines, program directives):

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Budget Information

Please copy the information on the Invoice tab from the Microsoft Excel Invoice workbook and paste into this Interim Progress Report template. See Instructions for details. If budget information does not encompass all expenditures through December 31, please provide the date in the Comments. The documented amounts should be within 30 days of December 31.

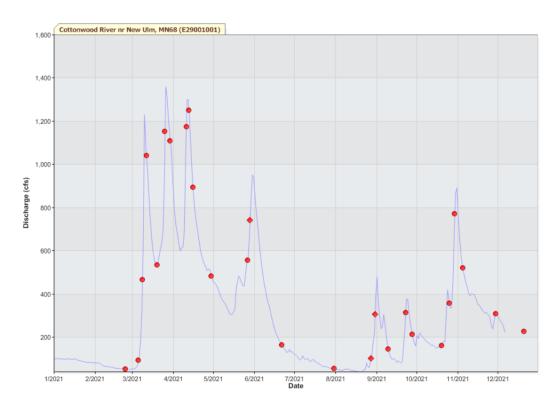
Line item	MPCA funds awarded	MPCA funds expended prior to this invoice	MPCA funds expended this invoice	MPCA funds expended	Balance	Budget expended (%)
Personnel	\$31,715.62	\$11,840.43	\$4,235.68	\$16,076.11	\$15,639.51	51%
Laboratory	\$14,514.80	\$8,078.80	\$1,934.80	\$10,013.60	\$4,501.20	69%
Mileage	\$4,743.75	\$1,529.92	\$459.20	\$1,989.12	\$2,754.63	42%
Lodging	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	100%
Meals	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	100%
Shipping	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	100%
Equipment and supplies	\$272.00	\$140.46	\$2.69	\$143.15	\$128.85	53%
Total:	\$51,246.17	\$21,589.61	\$6,632.37	\$28,221.98	\$23,024.19	55%

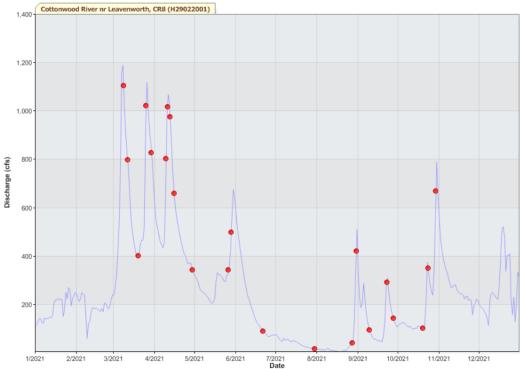
Comments:

IV. Hydrographs

Please note hydrographs are provisional.

Comments:





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