

WPLMN Interim Progress Report

Watershed Pollutant Load Monitoring Network (WPLMN)

Doc Type: Contracts Interim Report

 Instructions on page 5
Due February 1, annually

 Submittal date: 1/19/2023
(mm/dd/yyyy)

 Approval date: 3/13/2023 Minnesota Pollution Control Agency (MPCA) approver: Kelli Nerem
(mm/dd/yyyy)

I. Project information

 Project title: Rainy River Basin WPLMN Sampling Program

 TEMPO Agency Interest ID: 206936

 TEMPO Activity ID: PRO20200005

 SWIFT number: 183928

Purchase order number: _____

Local partner information:

 Organization name: Koochiching Soil & Water Conservation District (SWCD)

 Primary contact name: Pam Tomevi Phone: (office) 218-283-1174 Email address: pam.tomevi@co.koochiching.mn.us

Reporting period:

 Start date: 1/1/2022
(mm/dd/yyyy)

 End date: 12/31/2022
(mm/dd/yyyy)

Project location:

Basin (check all that apply):

☐ Red River ☒ Rainy River ☐ Lake Superior ☐ Minnesota ☐ Lower Mississippi ☐ St. Croix ☐ Upper Mississippi

 Major watershed(s): Big Fork River, Little Fork River, Rainy River-Rainy Lake, and Vermilion River Hydrologic unit code(s): 09030006, 09030005, 09030003, 09030002

 Name of eligible laboratory: RMB Environmental Laboratories, Inc.

 How many full-time equivalents (FTEs) worked on this project in the report period (hours/2,088 hours): 0.17

II. Activities completed

Table 1: Workplan activities

- Please list activities completed during the report period under the current contract. Include task level detail as appropriate. Refer to the instructions on the last page for an example. (Insert more rows as needed by hitting the tab key in the last row/column.)

Objective/task	Description
Task A:	Attended 1 MPCA administrative training for kicking off the amendment process on 1/20/2022. Sampling staff attended the WPLMN Snowmelt training on 2/24/22.
Task B:	Tracked expenditures using previously developed tracking sheet. Tracking sheet was updated once the amendment was executed on 4/15/22.
Task B:	Four invoices were submitted during the reporting period to our MPCA Project Manager.
Task C:	Compiled and submit Interim Progress Report on 1/18/22. The MPCA approved on 9/6/22. The report was posted to the Koochiching SWCD website.

Task D:	Attended one-hour conference calls as scheduled by MPCA throughout 2022.
Task E:	Prepared for stream monitoring season 2022 and contacted lab about bottles, coolers, and billing information.
Task E:	Purchased pH probe in September 2022.
Task E:	Maintained a copy of the <i>Permit to Appropriate and Transport Water for Water Quality Sampling</i> (provided by the MPCA) in sampling equipment or vehicle.
Task F:	The primary water sampler resigned and the backup sampler assumed the primary sampling position in June 2022. Staff became familiar with site specific hydrologic and water quality dynamics to aid in determining sample collection timing and frequency.
Task F:	The Water Resource Specialist maintained a list of websites to check for precipitation, hydrograph information, ice out, and other weather forecasting websites to ensure sampling occurred on a reasonable and timely fashion.
Task F:	Laboratory results were reviewed for analytical, transcription, and/or site location errors within five days of receiving.
Task G:	The field meter was calibrated and kept in working order throughout the season. The Water Resource Specialist ordered a new probe. Calibration records were kept throughout the 2022 season.
Task G:	The Water Resource Specialist submitted calibration log on December 30, 2022.
Task H:	Ice out occurred at a variety of times throughout the watersheds and it was a very wet spring. Sample counts by site: LF @ LF: 24, Big Falls: 24, LF @ 65: 16, LF @ Silverdale: 16, Sturgeon: 19, LF @ Linden: 19, Rat Root: 16, Vermil @ Buyck: 16, Vermil @ Crane: 24. Two field duplicates were collected at each site and included in the counts above.
Task I:	Submitted field meter measurements, transparency data, photos, visual observations and water level information using GoCanvas prior to the deadline.
Task I:	The Rat Root equipment was nonfunctional and replaced in the Fall of 2022. The Water Resource Specialist assisted with the replacement.

2. Please answer the following questions relating to the deliverables for the project. If deadlines were missed, please provide comments. Dates should be entered in the mm/dd/yy format.

- Quality Assurance Project Plan (QAPP) approval date: 10/28/20
- Was the QAPP revised during this reporting period? ☐ Yes ☒ No
Revised date: _____ Reason for revision(s): _____
- Was the field meter calibration log submitted by January 1? ☒ Yes ☐ No
If no, submittal date: _____ Comments: _____
- Were GoCanvas submissions completed by the 1st and 15th of each month (check one)?
☐ Rarely (9+ missed deadlines) ☐ Sometimes (3-8 missed deadlines)
☐ Almost always (1-2 missed deadlines) ☒ Always
Comments: _____
- Please list the submittal dates for the field sheets, field books, and extra pictures.
Deadline January 1. Submittal date: _____ Comments: N/A. No field sheets used.
Deadline May 1. Submittal date: _____ Comments: N/A. No field sheets used
Deadline August 1. Submittal date: _____ Comments: N/A. No field sheets used
Deadline November 1. Submittal date: _____ Comments: N/A. No field sheets used
- If applicable, were pollutant loads submitted by deadline (within 60 days of receiving the .xml)?
☐ Rarely ☐ Sometimes ☐ Almost Always ☐ Always
Comments: NA-no FLUX32 work done during this period.
- Were project staff able to attend the check in telephone conferences during the reporting period?

☐ Rarely (9+ missed meetings) ☒ Sometimes (3-8 missed meetings)

☐ Almost always (1-2 missed meetings) ☐ Never missed a meeting

Comments: _____

3. Was a backup sampler used to collect any of the samples? ☒ Yes ☐ No

If yes, please describe when, who, if they were trained, and any other details:

Sam Soderman was used in the spring during high flows and then transitioned into the main sampler when the primary sampler left his position.

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?

The Rat Root River equipment was replaced in the Fall of 2022 to aid in better stage data.

6. Were there any change orders and/or amendments to the contract and workplan? ☒ Yes ☐ No

If yes, summarize the changes:

Change order #2 provided funds for a replacement pH probe for the YSI field meter and additional funds for incidentals.

The amendment was executed on April 5, 2022 which extended the contract to June 30, 2024 and added more funds to complete work in 2022 and 2023.

7. Please provide any constructive feedback regarding the WPLMN (training, deliverables, deadlines, program directives):

III. 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.

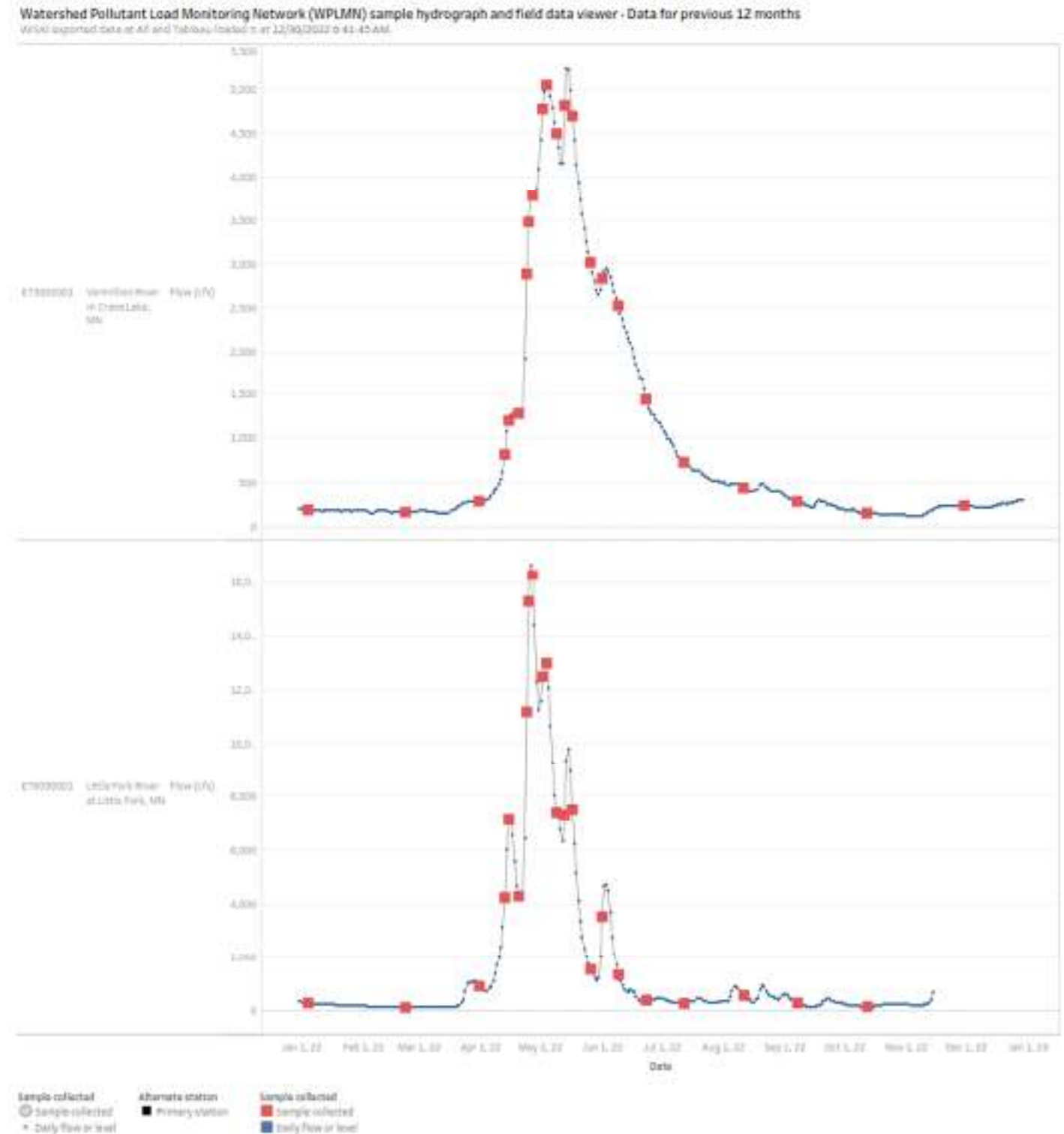
Line item	MPCA funds awarded	MPCA funds expended prior to this invoice	MPCA funds expended this invoice	MPCA funds expended	Balance	Budget expended (%)
Personnel	\$64,829.50	\$33,288.00	\$1,616.50	\$34,904.50	\$29,925.00	54%
Laboratory	\$43,639.00	\$24,941.00	\$1,095.00	\$26,036.00	\$17,603.00	60%
Mileage	\$9,758.61	\$6,162.53	\$237.50	\$6,400.03	\$3,358.58	66%
Lodging	\$150.00	\$0.00	\$0.00	\$0.00	\$150.00	100%
Meals	\$637.76	\$350.35	\$8.30	\$358.65	\$279.11	56%
Shipping	\$1,561.13	\$1,021.34	\$68.89	\$1,090.23	\$470.90	70%
Equipment and supplies	\$1,254.31	\$683.98	\$0.00	\$683.98	\$570.33	55%
Total:	\$121,830.31	\$66,447.20	\$3,026.19	\$69,473.39	\$52,356.92	57%

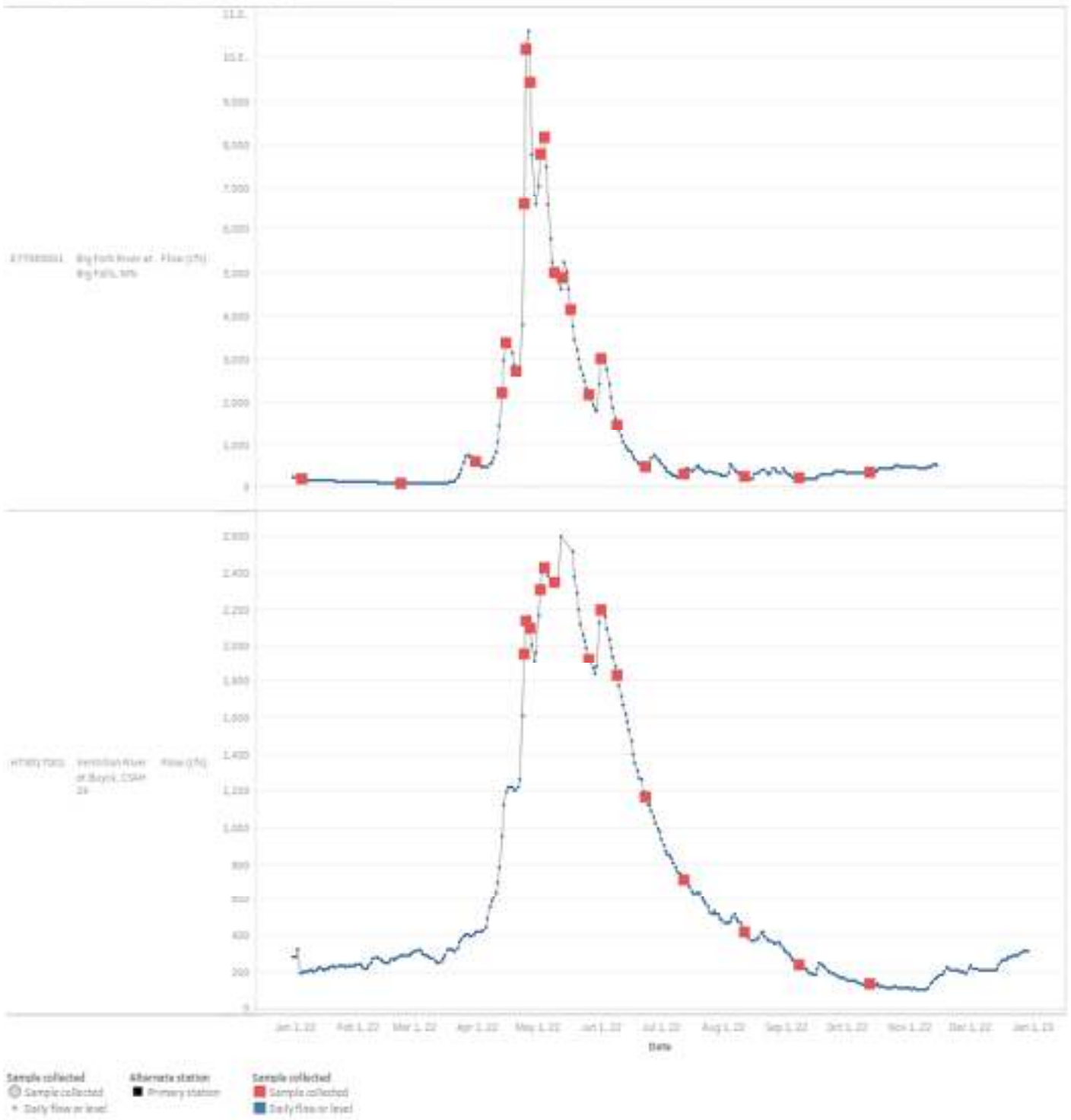
Comments:

IV. Hydrographs

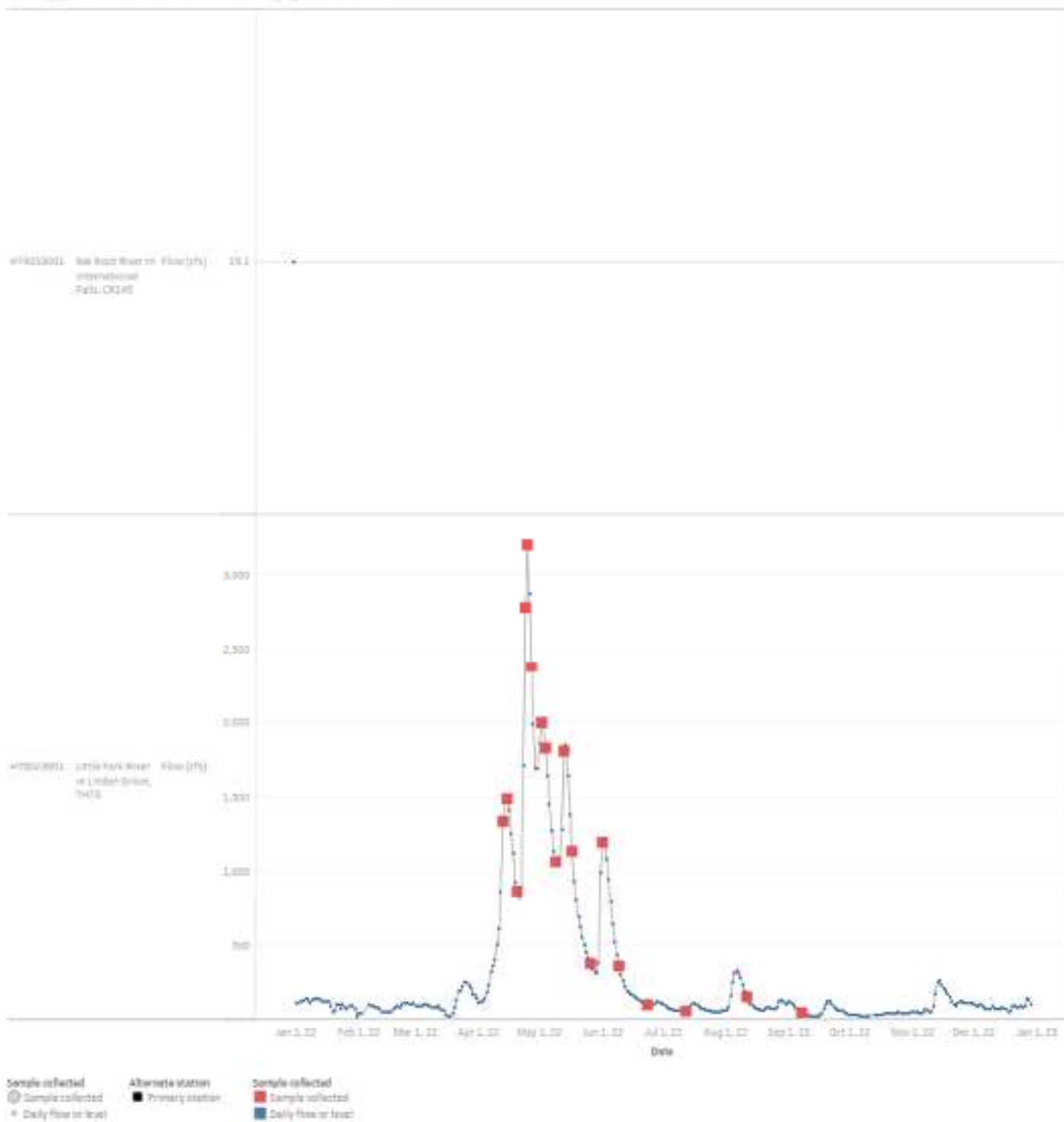
Please note hydrographs are provisional.

Comments:





WPLMN reported data as of 12/30/2022 9:41:45 AM.



Watershed Pollutant Load Monitoring Network (WPLMN) sample hydrograph and field data viewer - Data for previous 12 months

Web browser: supported data at 03 and 10/10/2022 04:41:43 AM

