

1st Quarter
March 14, 2024



Opening Business

- Call to Order
- Introduction/Meeting Instructions
- Roll Call





Lake Michigan

Michigan



Kalamazoo

Calhoun

Van Buren

Berrien

Cass

St. Joseph

Branch

Hillsdale

St. Joseph

Elkhart

LaGrange

Steuben

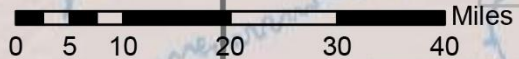
Ohio

Indiana

Noble

DeKalb

Kosciusko



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PURPOSE: *The St. Joseph River Basin Commission exists to provide a forum for the discussion, study and evaluation of water resource issues of common concern and foster cooperative planning and coordinated management of the basin's water and related land resources.*

The St. Joseph River Basin Commission was created by the Indiana General Assembly in 1988 to address water quality issues in the St. Joseph River and all the lakes and streams that flow to it. The enabling statute of the Commission (IC 14-30-3) was amended in 2018 to expand the scope and powers of the Commission to address flooding as well. The Commission seeks to work with agencies, organizations and local units of government to:

- Develop plans and tools to improve water quality or mitigate flooding in the basin;
- Coordinate monitoring of water quality and hydrology in the basin;
- Promote best practices for urban stormwater and rural drainage management;
- Develop strategies to increase water infiltration and storage capacity in the basin;
- Distribute reports on the Commission's objectives, studies, and findings;
- Make recommendations in matters related to the Commission's objectives to political subdivisions in the basin and to other public and private agencies;
- Act as a coordinating agency for programs and activities of other public and private agencies that are related to the Commission's objectives;
- Serve as an advocate of the basin's interests before Congress and federal, state and local government agencies.

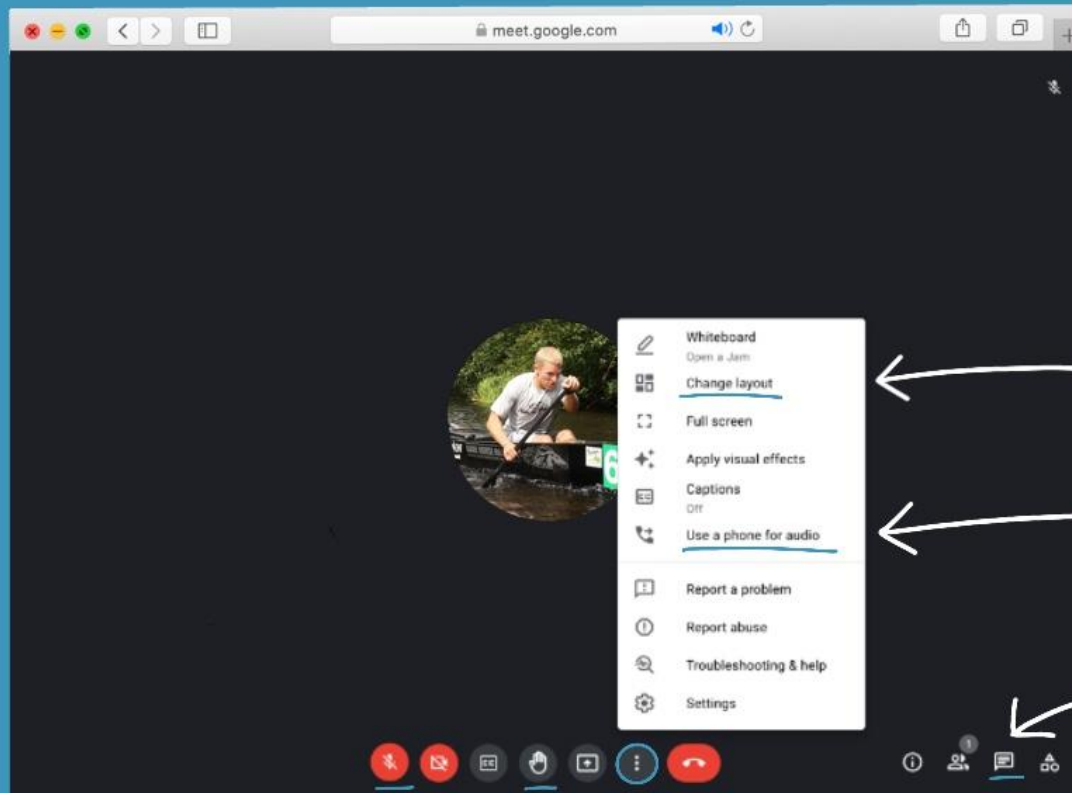
The SJRBC shall consist of the following (or their proxy):

- The **Mayor** of each Class-II City or the Executive of the municipality with the largest population if the County does not have a Class-II city
- A **County Commissioner** from each County
- The **Health Officer** from each County
- The **County Surveyor** from each County
- A **Representative of the SWCD** from each County
- The Director of the Indiana DNR

(paraphrased from IC 14-30-3-8)

Meeting Instructions

- State your name & county when making motions
- No need to state your name when voting



CHANGE
LAYOUT

CALL IN

CHAT

MUTE

RAISE HAND

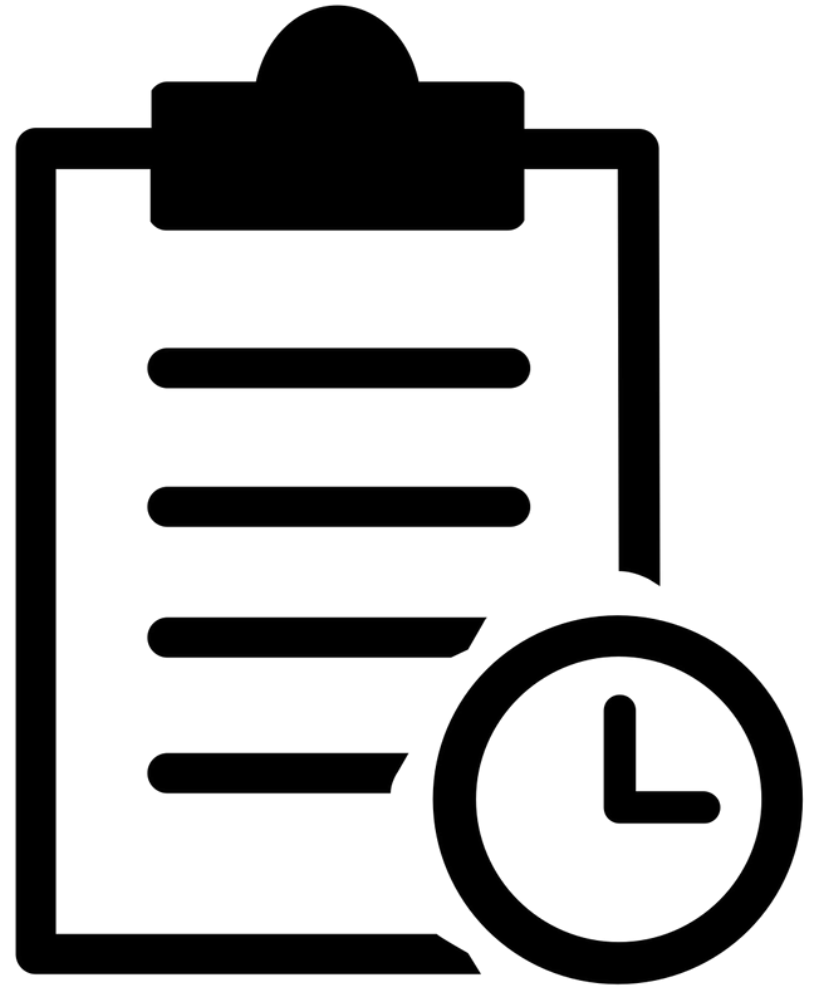
Opening Business

- Call to Order
- Introduction/Meeting Instructions
- **Roll Call**
 - Your Name
 - Your Title/Affiliation
 - Who you represent (if you are a proxy)



Consent Agenda

- Approval of Minutes
- Financial Report
- Approval of Claims



Consent Agenda

- Approval of Minutes
 - December 7, 2023



Financial Report – FY 24 Q2 Activities

	FY23 Actual	FY24 YTD	FY24 Budget	% Budget to Date	Notes
REVENUE					
State of Indiana	103,924.00	52,487.00	102,875	51%	
Local Government	62,822.50	3,458.50	65,160	5%	
Special Projects	147.25	17,000.00	0	0%	A
Interest	15,389.28	10,954.45	15,000	73%	
Other Income	0.00	0.00			
Total Revenue	182,283.03	83,899.95	183,035	46%	
EXPENSES					
Basic Operations					
SJRBC Director	46,983.84	21,900.05	47,000	47%	
Accounting Services	1,510.84	504.10	3,450	15%	
Office Rent	6,999.96	3,499.98	7,000	50%	
Legal	2,284.00	1,900.00	3,000	63%	
Bank Service Fees	0.00	10.15	200	5%	
Insurance	518.64	259.32	520	50%	
Travel/Mileage	607.91	184.38	1,200	15%	
Audit	0.00	0.00	3,000	0%	
Information Technology	2,499.96	499.98	1,000	50%	
Printing	95.27	45.26	200	23%	
Postage	11.32	2.81	50	6%	
Telephone	240.00	120.00	240	50%	
Misc Expenses	0.00	0.00	250	0%	
Operating Expenses	61,751.74	28,926.03	67,110	43%	
Special Projects					
Water Monitoring	55,483.55	604.05	50,000	1%	B
Additional MACOG Staff	28,379.64	20,076.62	47,000	43%	C
Member/Partner Support	3,498.89	955.40	2,925	33%	D
Planning/Resource Development	9,650.00	0.00	8,000	0%	
Education/Outreach Provision	6,369.70	2,574.90	8,000	32%	
Project Expenses	103,381.78	24,210.97	115,925	21%	
Total Expenses	165,133.52	53,137.00	183,035	29%	
CHANGE IN NET ASSETS	\$17,149.51	\$30,762.95	\$0		

Financial Report – FY 24 Q2 Assets

ASSETS

Cash

Lake City Account (1944)

\$402,351.25

Total Cash

\$402,351.25

Accounts Receivable

State of Indiana

\$0.00

Total Accounts Receivable

\$0.00

Total Assets

\$402,351.25

LIABILITIES & FUND BALANCE

Liabilities

Accounts Payable

\$19,078.41

Total Liabilities

\$19,078.41

Fund Balance

Fund Balance FYE 2023

\$352,509.89

Change in Net Assets YTD

\$30,762.95

Total Fund Balance

\$383,272.84

Total Liabilities and Fund Balance

\$402,351.25

Financial Report – FY 24 Q2 Cash Flows

CASH RECEIPTS

State of Indiana	\$52,487.00
Special Project Revenue	\$17,000.00
Local Government Appropriation	\$3,458.50
<u>Elkhart County</u>	
City of Elkhart	
City of Goshen	
<u>LaGrange County</u>	
Town of Lagrange	
<u>Noble County</u>	
City of Kendallville	
<u>Steuben County</u>	\$3,458.50
City of Angola	
<u>St Joseph County</u>	
City of South Bend	
City of Mishawaka	
<u>Kosciusko County</u>	
Town of Syracuse	
Interest Earned	\$10,954.45
Total Cash Receipts	\$83,899.95

Consent Agenda

- Approval of Minutes
- Financial Report
- Approval of Claims

SJRBC Claims Submitted for Commission Approval March 14, 2024

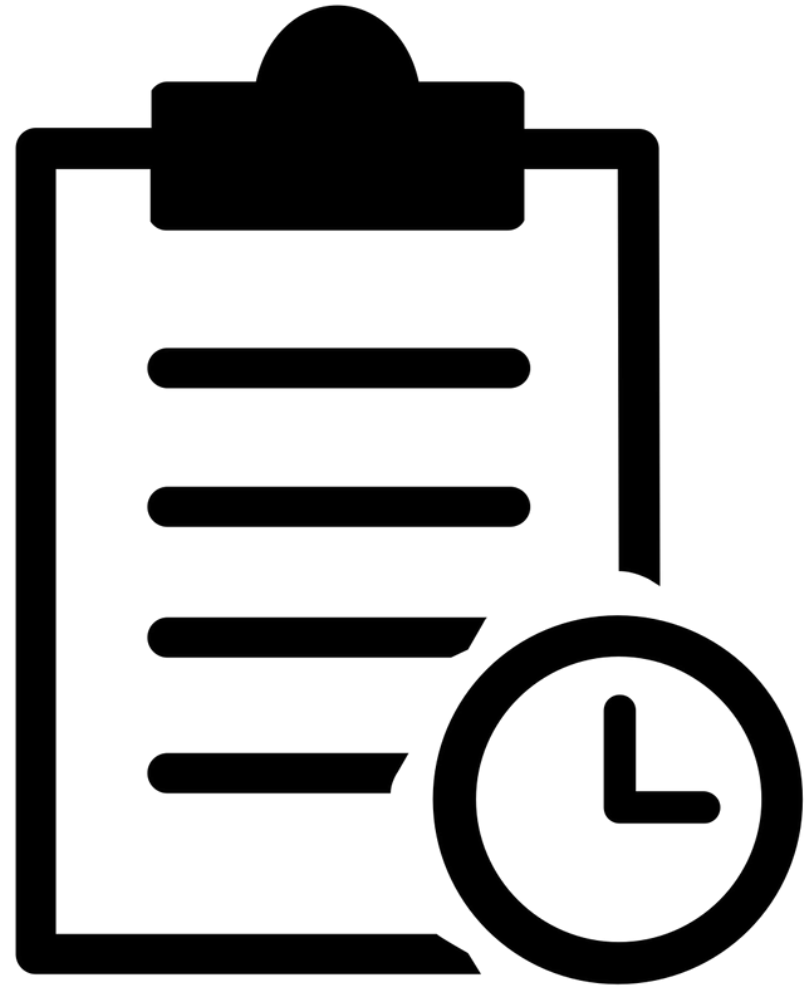
Accounts Payable Voucher Register

Date	Vendor	Description	Amount
10/31/2023	MACOG	Invoice #FY24-4 October 2023 Services	\$5,815.11
11/30/2023	MACOG	Invoice #FY24-5 November 2023 Services	\$6,159.09
12/6/2023	THORNE GRODNIK	Statement #207825 - MOU & RFP Support	\$1,000.00
12/31/2023	MACOG	Invoice #FY24-6 December 2023 Services	\$7,104.21
1/8/2024	THORNE GRODNIK	Statement #208541 - Service Agreement Support	\$160.00
		Total	<u>\$20,238.41</u>

Consent Agenda

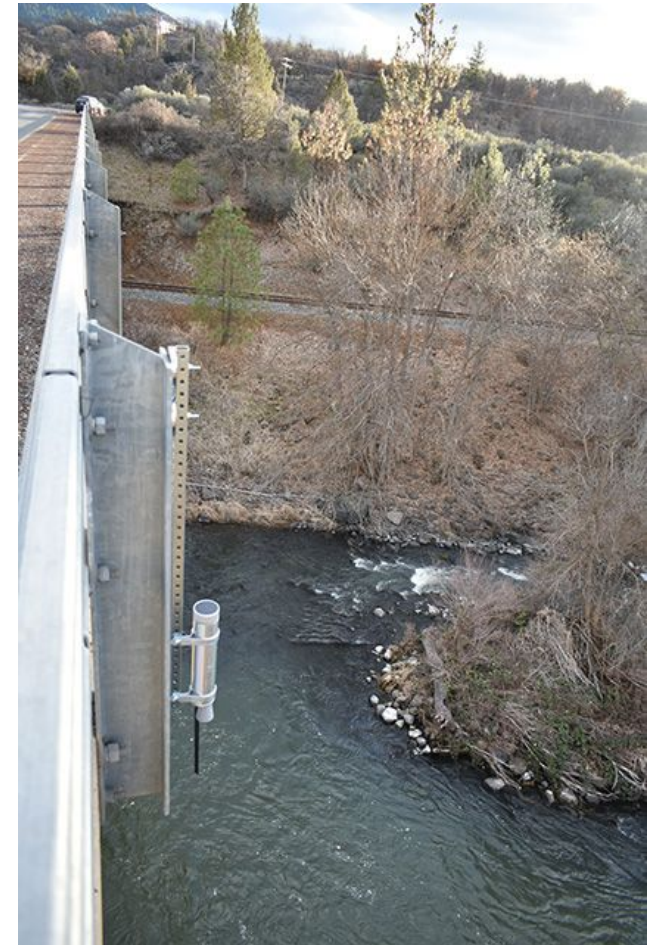
- Approval of Minutes
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Questions?



Old Business

- Water Monitoring Program

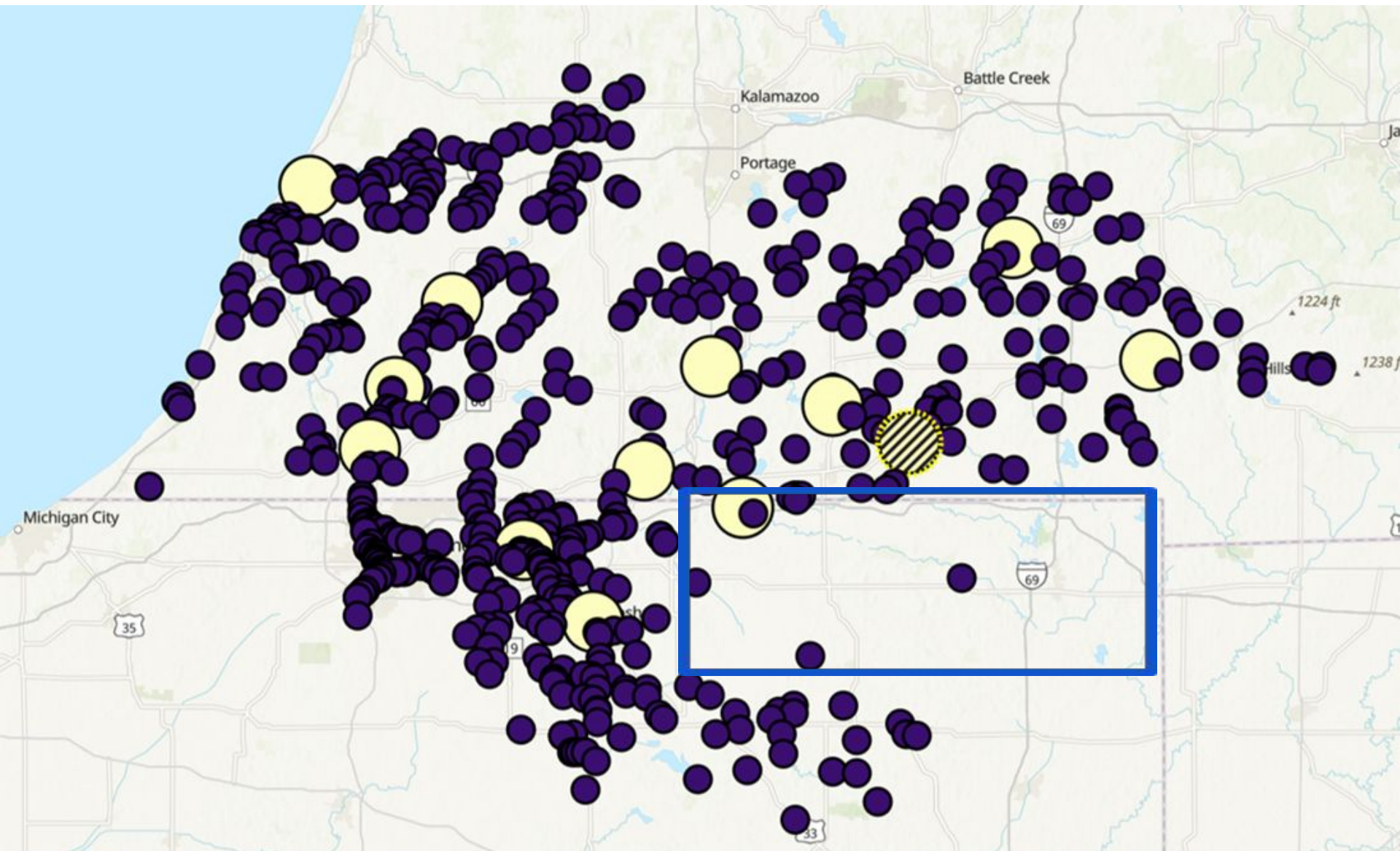


SJRBC Water Monitoring Program Updates



Kate Barrett, PhD
March 14, 2024

Partner support for good monitoring data



Partner support of monitoring efforts: Steuben County

Strategic water quality monitoring program started in 2023

- 10 sites monitored for 19 consecutive weeks
- 17 variables measured
- 2 AmeriCorps members
- Short report drafted
- Informational flyer
- Big thanks to the Steuben County Community Foundation for 2 two grants supporting this work

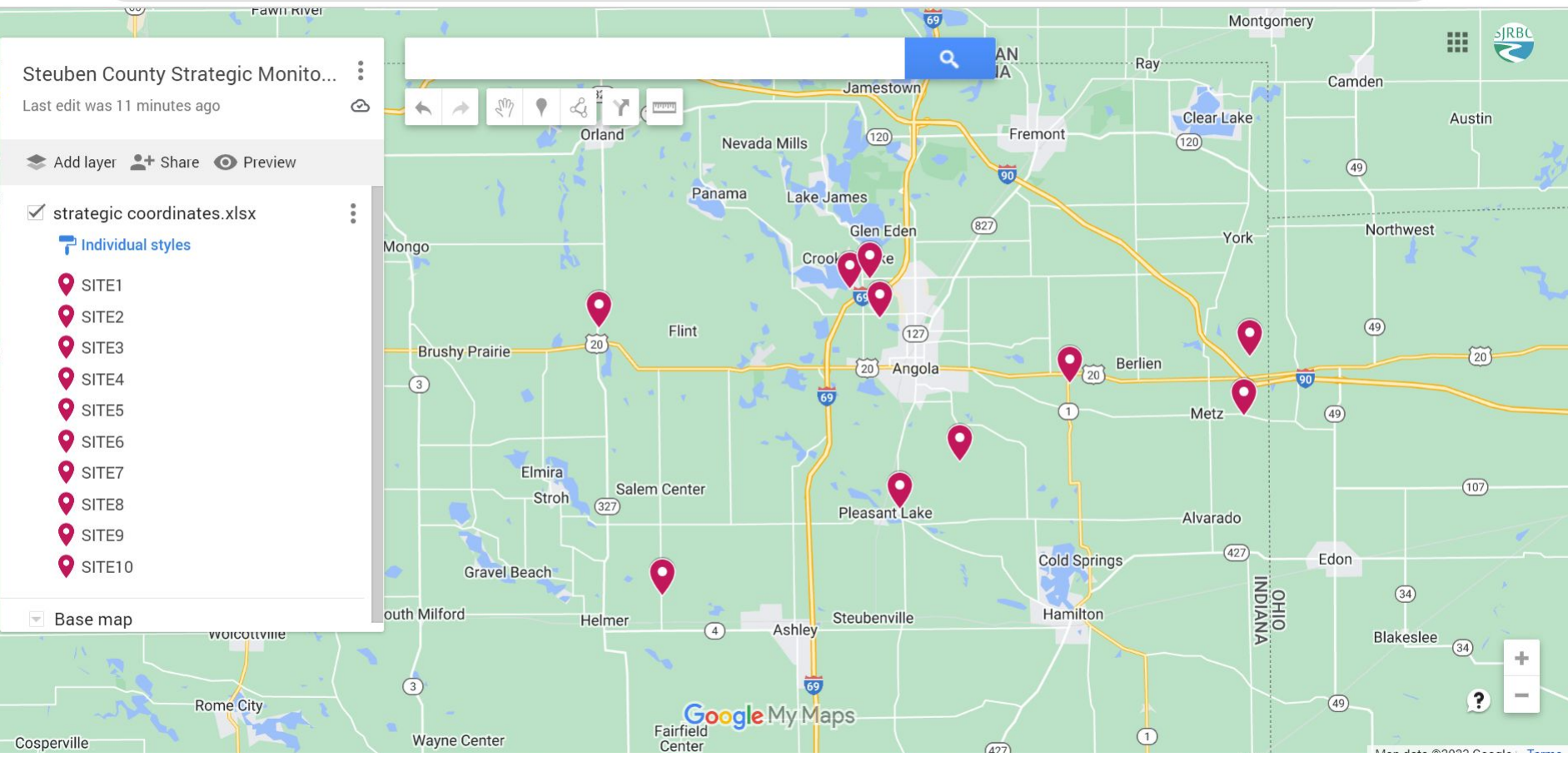
Preparing for 2024:

- Recruiting AmeriCorps members
- 20 sites to be monitored
- Adding biological monitoring



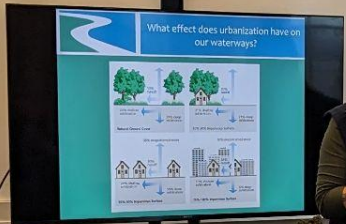
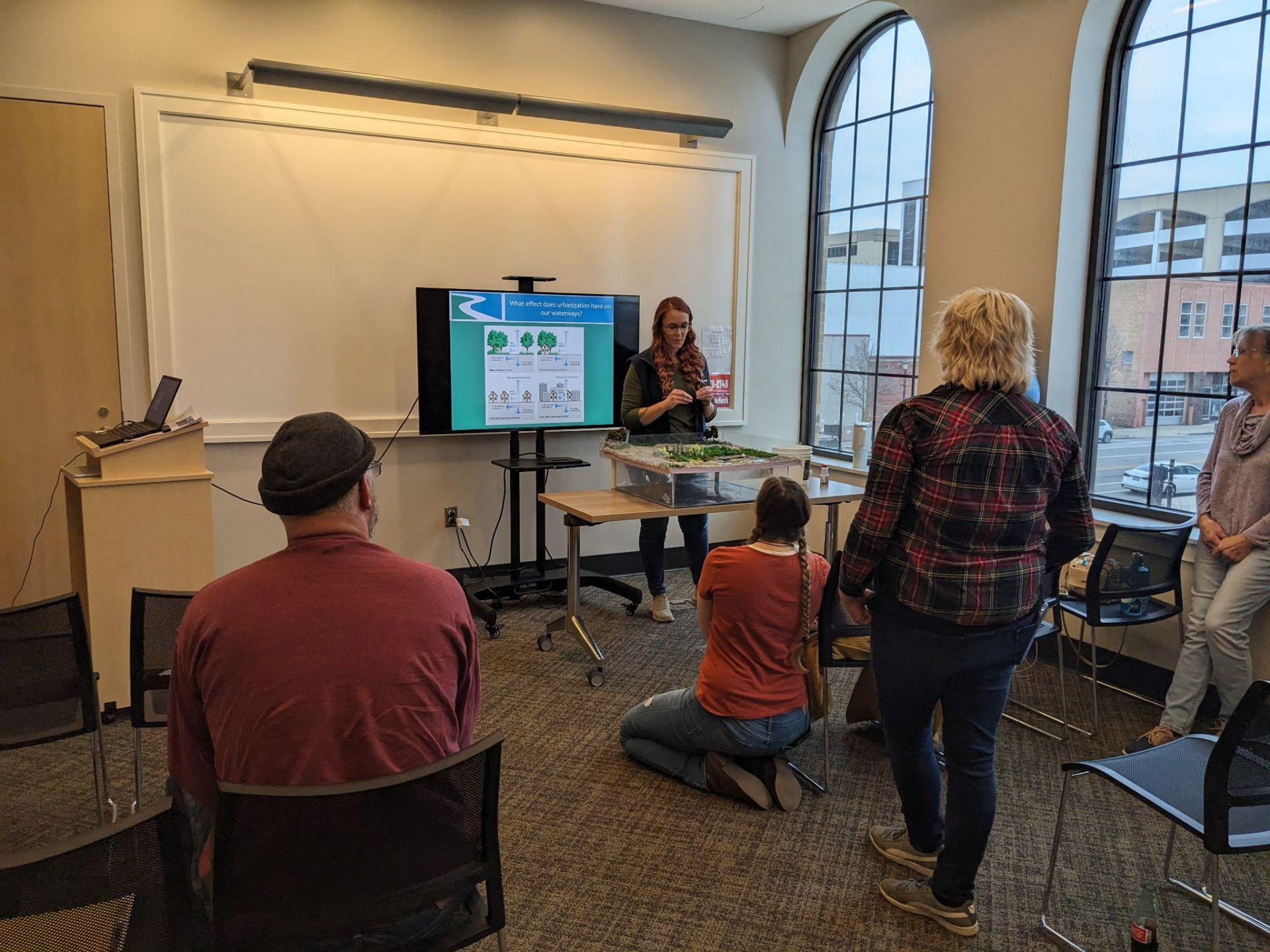
Partner support of monitoring efforts: Steuben County

A snapshot of the monitoring locations of the new program



Partner support of monitoring efforts: LaGrange County

- **Revived surface water monitoring initiatives in 2023**
 - 3 public workshops to garner support
 - Voluntary water quality monitoring program
- **AWARDED two grants in 2023 to support strategic monitoring in 2024:**
 - Community Foundation Impact Grant (\$11,500)
 - REMC EnviroWatts grant (\$8,500)
- **Applying for NIPSCO Environmental Action Grant to support purchase of testing equipment**
- **Set to launch new strategic program in 2024**
 - 15 sites
 - 20 consecutive weeks

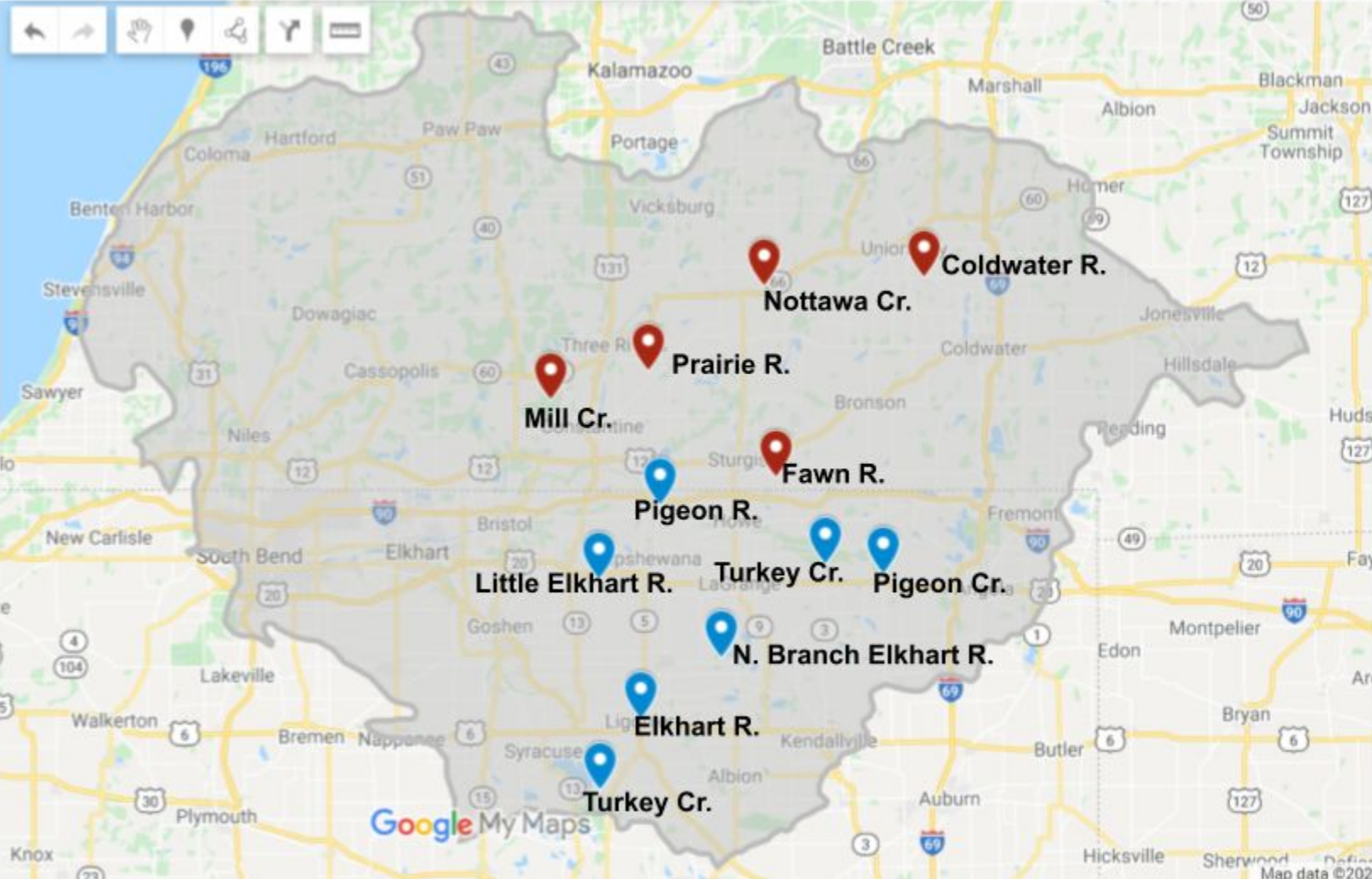


Upcoming Presentations & Events

1. **AmeriCorps Day of Service on March 15**
2. **Indiana Lakes Management Society (ILMS) conference on March 21**
3. **Hoosier RiverWatch Basic Workshops**
 - a. **April 28 - Starke County**
 - b. **May 19 - Clear Lake Conservancy**



Ongoing projects: Biological monitoring program



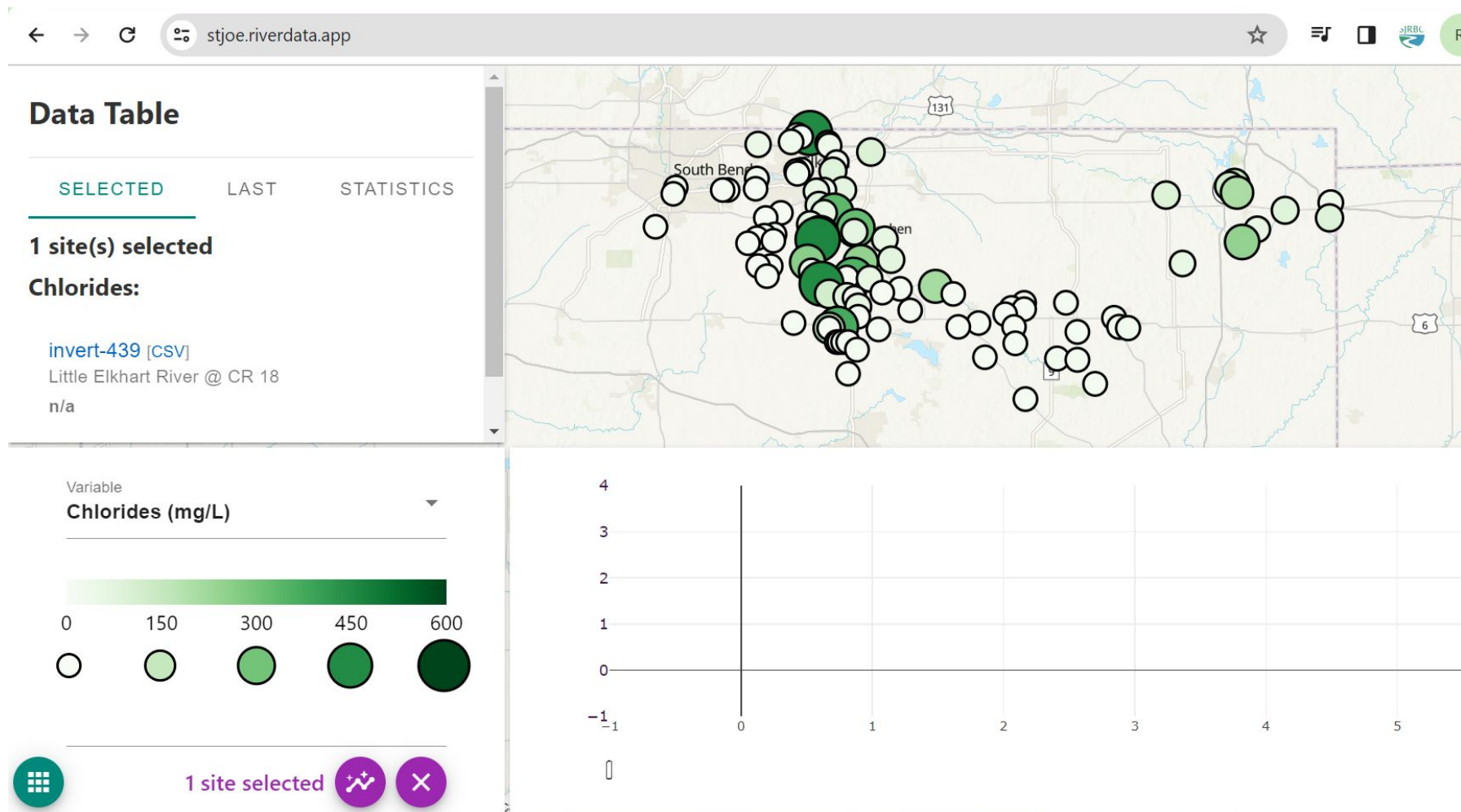
Ongoing project: Watershed data inventory

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
Agency	Period of record	Season	Frequency	Biological			Chemical							
				Fish	Macroinvertebrates	Microcystins	E. coli	TSS	Temp	Nitrogen	Phosphorus	Chlorides	Conductivity	TDS
CoSB	1995 - present	Year-round	Weekly				X	X	X					
Elkhart	1998 - present	Summer	Integrated sample	X	X									
GECSWP	2005 - present	Spring - Fall	Weekly				X	X	X	X	X	X	X	X
SCSWQMP	2023 - present	Summer	Weekly				X	X	X	X	X	X	X	X
SCLC	2007 - present	Summer	Grab samples				X	X	X	X	X		X	X
LCLC	2011 - 2021	Year-round	Grab samples			X	X	X	X	X	X			X
NHBP	2018 - 2020	Spring - Fall	Grab samples		X		X		X	X	X		X	
SJRBC	2021 - present	Summer	Integrated sample		X									
SJRBC	2014 - 2017	Year-round	Monthly				X	X	X	X	X		X	X

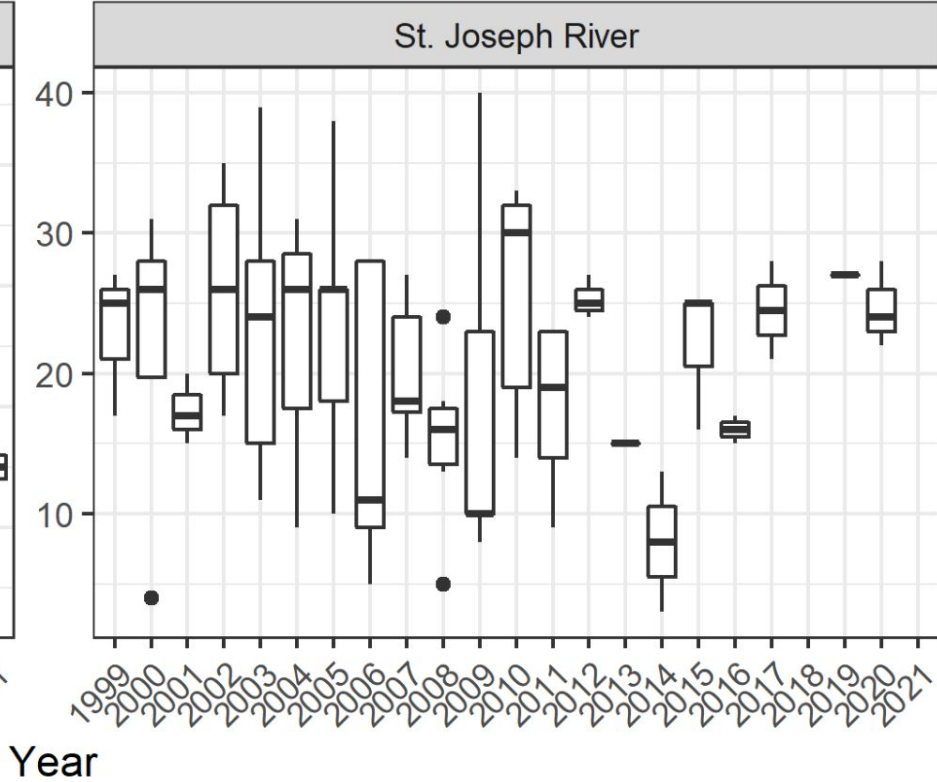
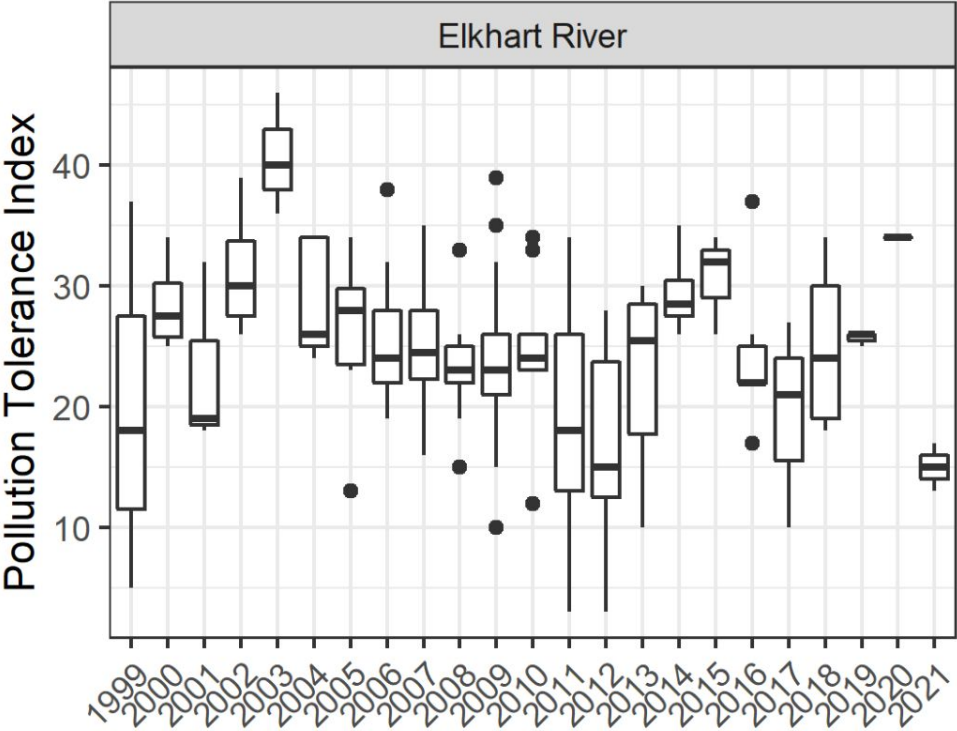
GOAL: Identify gaps & assist partners in watershed monitoring

Ongoing project: SJRBC web map

<https://stjoe.riverdata.app/>

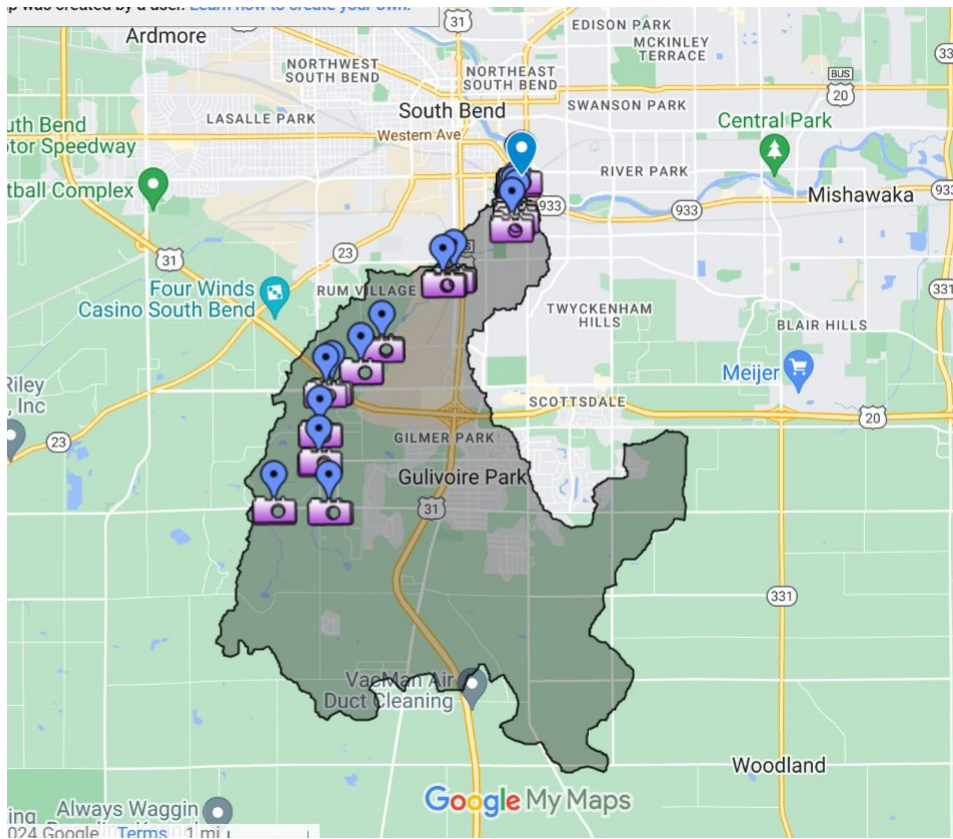


Ongoing project: Hoosier RiverWatch data analysis

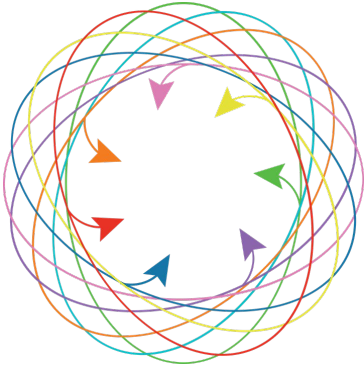


New project: Bowman Creek Watershed Study

Collaboration with Notre Dame - IBM Technology Ethics Lab



- Pilot study of engineering & technological approaches
- Better understanding of hydrology of urban streams



Need watershed data assistance?

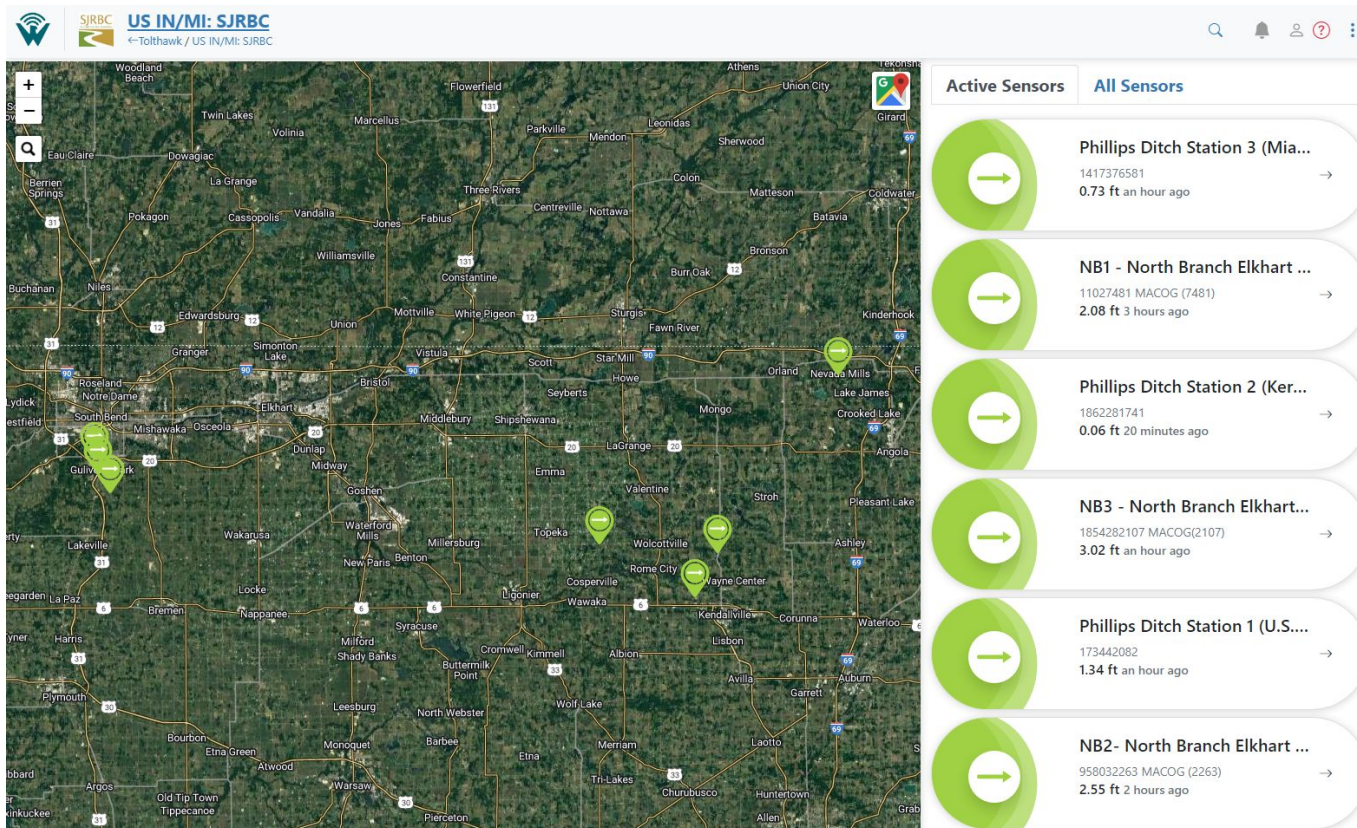
I'm happy to help!
kbarrett@macog.com

Old Business

- Water Monitoring Program
- Kate's program updates
- Flow monitoring

Tritium Inc.
The Higher Standard

MONSANTO



<https://sensors.tolthawk.com/Dashboard/Index?regionId=49>

Old Business

- Water Monitoring Program
- Watershed Study

Request for Proposals: St. Joseph River Watershed Hydrologic Impact and Green Infrastructure Study

I. Project Description

The St. Joseph River Basin Commission ("SJRC") is soliciting proposals from qualified consultants ("Offerors") to conduct a study focused on understanding how biogeophysical factors (e.g. vegetation, soil conditions, drainage improvements, land management practices) impact hydrologic conditions downstream. The study's objective is to develop a methodology for quantifying and predicting the hydrologic impact of changes in biogeophysical factors at the individual parcel and subwatershed scales.

Old Business

- Water Monitoring Program
- Watershed Study
- 24th Annual Symposium
 - Will be held on Friday May 10th
 - At the Covered Bridge Farm Park in Centreville, MI
 - In conjunction with FotSJR's *Watershed Celebration*
 - Still looking for topic and speaker suggestions



New Business

- Legislative Updates

- Wetlands

- Indiana's State wetland regulations (HEA 1383)
- Incentives for wetland preservation (SEA 246)

- Drainage

- Logjam removal (SB 140)
- Drainage handbook (SB 105)

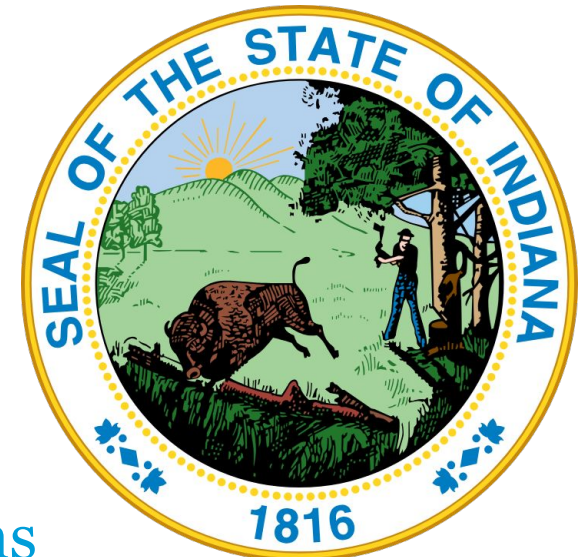
- Groundwater withdrawal (SB 249)

- Septic system inspection (HB 1329)

- PFAS (HB 1399)

- Local Government policies/regulations

- Noble Co. Stormwater/Drainage Ordinance



New Business

- Legislative Updates
- Other Business/Updates
 - [Announcements from Commission Members](#)



Director's Report

- Administrative
- Education/Outreach
- Planning/Resource Development
- Water Monitoring
- Member/Partner Support
- Advocacy



Items From the Floor

Other
Misc.
Etc...

Next Meeting
May 30th, 2024

