

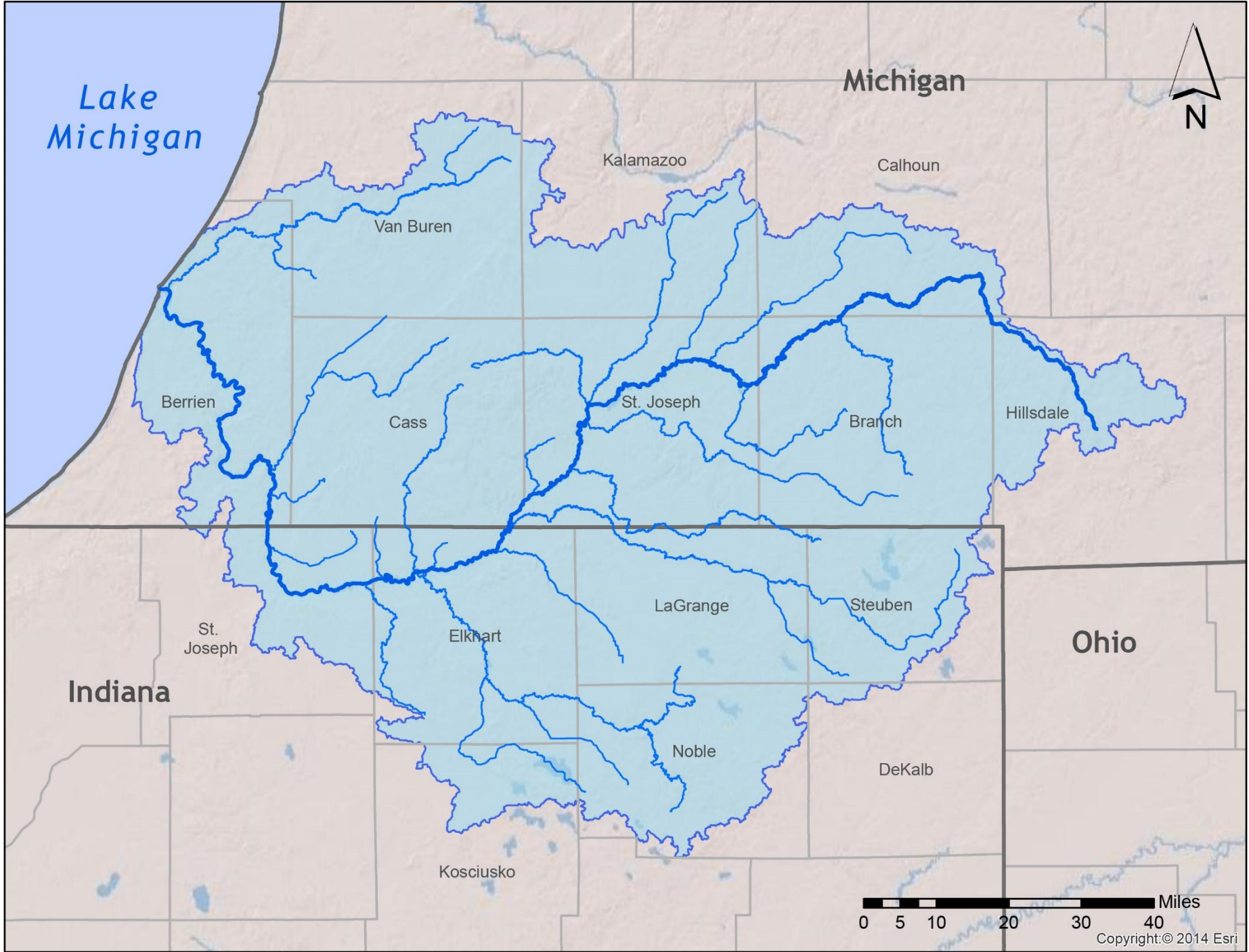
2nd Quarter
May 30, 2024



Opening Business

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





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.

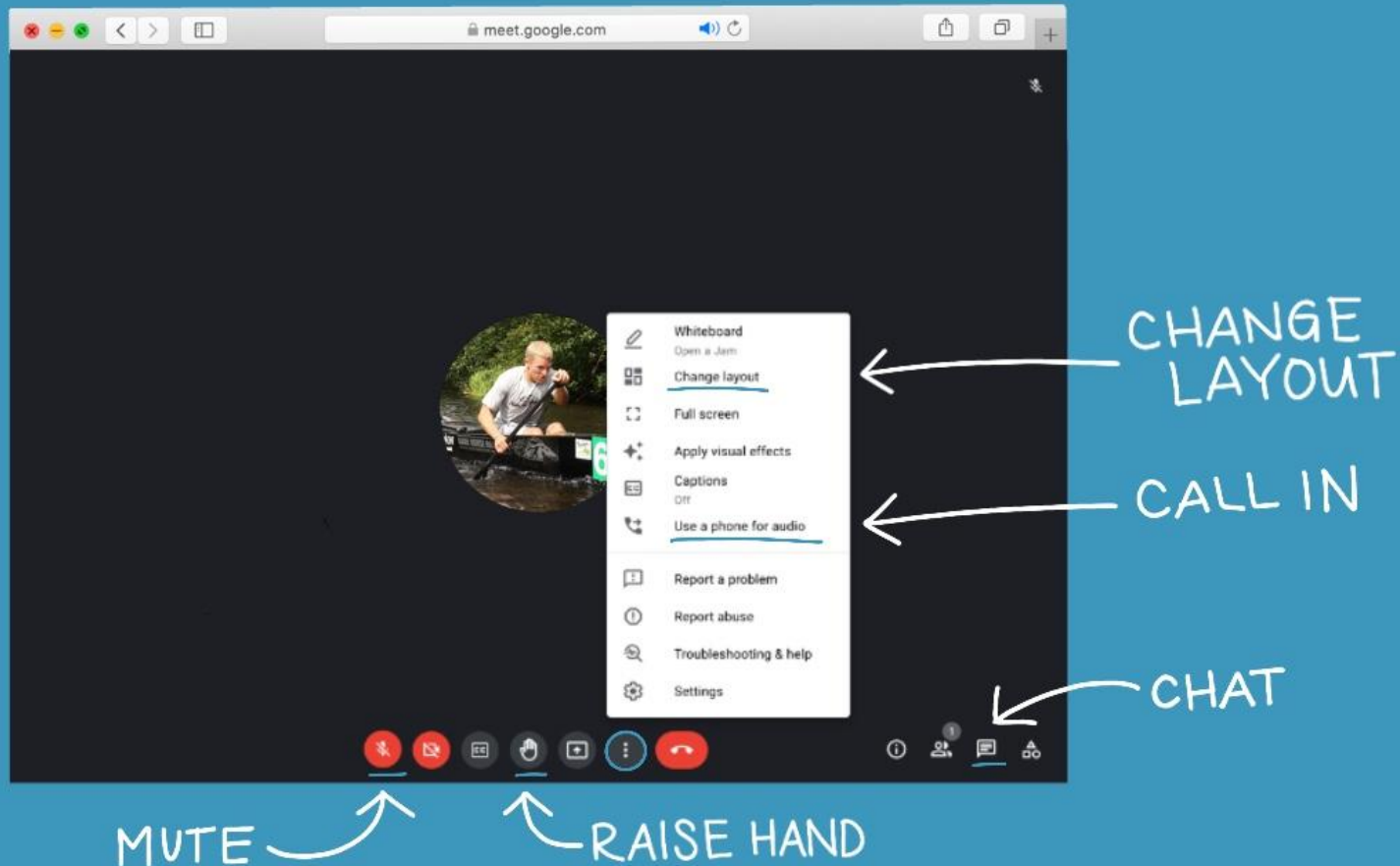
The SJRBC shall consist of the following (or their proxy):

- 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



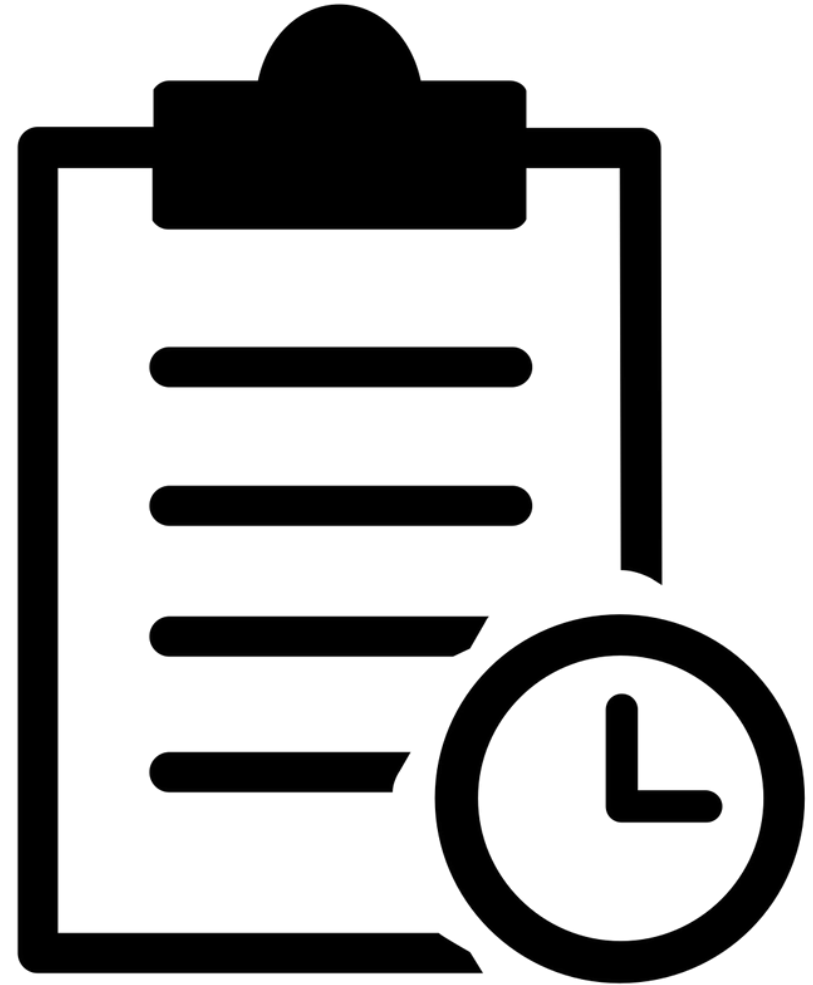
Opening Business

- 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
 - March 14, 2024



Financial Report – FY 24 Q3 Activities

	FY23 Actual	FY24 YTD	FY24 Budget	% Budget to Date	Year End Forecast	Budget to YE Variance	Notes
REVENUE							
State of Indiana	103,924.00	78,730.50	102,875	77%	104,974	2,099	A
Local Government	62,822.50	54,598.50	65,160	84%	66,336	1,176	B
Special Projects	147.25	17,000.00	0	0%	32,390	32,390	C
Interest	15,389.28	16,870.64	15,000	112%	23,000	8,000	
Other Income	0.00	0.00			65	65	
Total Revenue	182,283.03	167,199.64	183,035	91%	226,765	43,730	
EXPENSES							
Basic Operations							
SJRBC Director	46,983.84	33,631.22	47,000	72%	46,065	935	
Accounting Services	1,510.84	1,397.04	3,450	40%	1,798	1,652	D
Office Rent	6,999.96	5,249.97	7,000	75%	7,000	0	
Legal	2,284.00	2,060.00	3,000	69%	2,510	490	
Bank Service Fees	0.00	10.15	200	5%	10	190	
Insurance	518.64	388.98	520	75%	519	1	
Travel/Mileage	607.91	194.22	1,200	16%	344	856	E
Audit	0.00	0.00	3,000	0%	0	3,000	F
Information Technology	2,499.96	749.97	1,000	75%	1,000	0	
Printing	95.27	65.95	200	33%	91	109	
Postage	11.32	3.38	50	7%	12	38	
Telephone	240.00	180.00	240	75%	240	0	
Misc Expenses	0.00	0.00	250	0%	0	250	
Operating Expenses	61,751.74	43,930.88	67,110	65%	59,589	7,521	
Special Projects							
Water Monitoring	55,483.55	604.05	50,000	1%	38,763	11,237	G
Additional MACOG Staff	28,379.64	28,449.64	47,000	61%	43,657	3,343	H
Member/Partner Support	3,498.89	1,031.62	2,925	35%	1,332	1,593	I
Planning/Resource Development	9,650.00	0.00	8,000	0%	0	8,000	I
Education/Outreach Provision	6,369.70	2,574.90	8,000	32%	4,377	3,623	I
Project Expenses	103,381.78	32,660.21	115,925	28%	88,129	27,796	
Total Expenses	165,133.52	76,591.09	183,035	42%	147,718	35,317	
CHANGE IN NET ASSETS	\$17,149.51	\$90,608.55	\$0		\$79,047	\$79,047	

Financial Report – FY 24 Q3 Assets

ASSETS

Cash	
Lake City Account (1944)	\$466,412.53
Total Cash	\$466,412.53
Accounts Receivable	
State of Indiana	\$0.00
Total Accounts Receivable	\$0.00
Total Assets	\$466,412.53

LIABILITIES & FUND BALANCE

Liabilities	
Accounts Payable	\$23,294.09
Total Liabilities	\$23,294.09
Fund Balance	
Fund Balance FYE 2023	\$352,509.89
Change in Net Assets YTD	\$90,608.55
Total Fund Balance	\$443,118.44
Total Liabilities and Fund Balance	\$466,412.53

Financial Report – FY 24 Q3 Cash Flows

CASH RECEIPTS

State of Indiana	\$78,730.50
Special Project Revenue	\$17,000.00
Local Government Appropriation	\$54,598.50
<u>Elkhart County</u>	\$10,088.00
City of Elkhart	
City of Goshen	\$2,936.00
<u>LaGrange County</u>	\$13,888.00
Town of Lagrange	
<u>Noble County</u>	\$9,507.00
City of Kendallville	
<u>Steuben County</u>	\$6,907.50
City of Angola	\$2,567.00
<u>St Joseph County</u>	\$3,082.00
City of South Bend	
City of Mishawaka	\$1,329.00
<u>Kosciusko County</u>	\$3,794.00
Town of Syracuse	\$500.00
Interest Earned	\$16,870.64
Total Cash Receipts	\$167,199.64

Consent Agenda

- Approval of Minutes
- Financial Report
- Approval of Claims

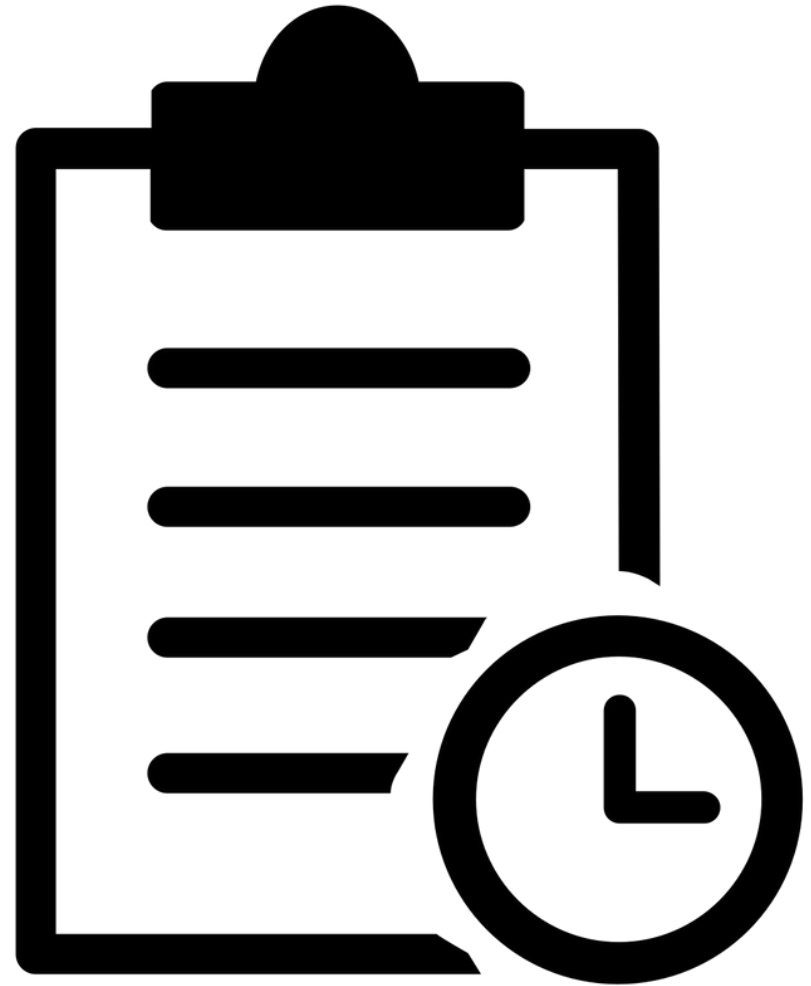
Accounts Payable Voucher Register

Date	Vendor	Description	Amount
1/31/2024	MACOG	Invoice #FY24-7 January 2024 Services	\$6,462.50
2/29/2024	MACOG	Invoice #FY24-8 February 2024 Services	\$5,762.94
3/31/2024	MACOG	Invoice #FY24-9 March 2024 Services	\$11,068.65
4/10/2024	Juozas Gaigalas	Invoice #INV-1 - Webmap Development	\$1,350.00
4/12/2024	Tritium Inc.	Invoice #202404-1 - Little Elkhart River	\$8,440.00
5/8/2024	THORNE GRODNIK	Statement #210429 - March Mtg Attendance	\$450.00
5/9/2024	U.S. Geological Survey	Bill #91161168 - Waldron Lake Gage	\$4,200.00
5/10/2024	Simply Comfort Catering	Symposium Lunch Catering	\$525.00
5/15/2024	ToltHawk	Invoice #010666 - Annual Service 6/24-25	\$2,392.00
5/15/2024	SJC Conservation District	Invoice #1352 - Symposium Venue Fees	\$1,122.00
5/17/2024	MBI	Invoice #2213 - Macro Sample Processing	\$13,777.22
5/22/2024	Tritium Inc.	Invoice #202404-2 - Fawn River Maintenance	\$3,000.00
5/22/2024	Tritium Inc.	Invoice #202404-3 - Phillips Ditch Maintenance	\$2,500.00
5/22/2024	Tritium Inc.	Invoice #202404-4 - NB Elkhart Maintenance	\$2,500.00
		Total	<u>\$63,550.31</u>

Consent Agenda

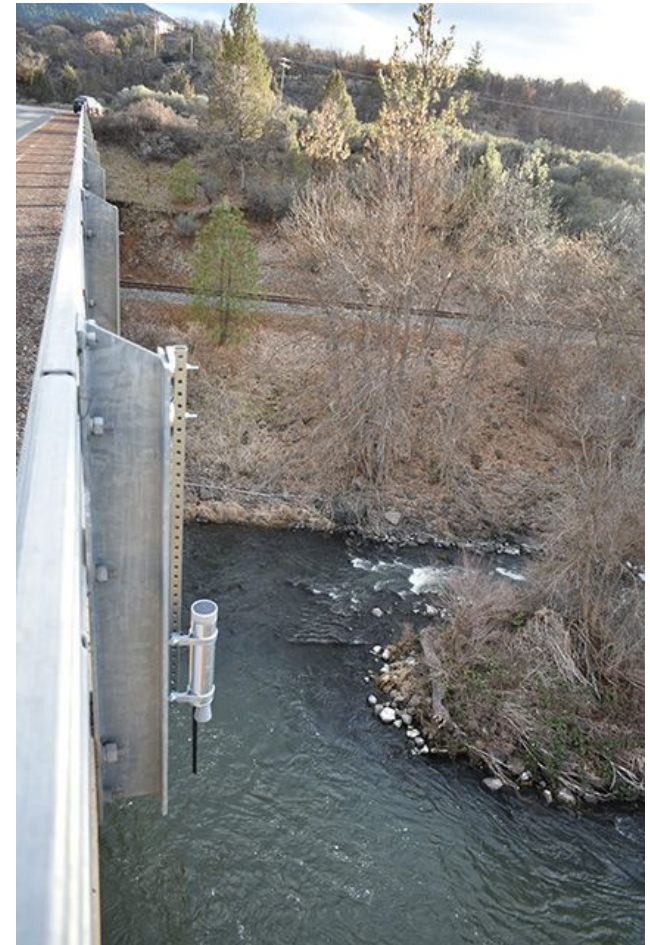
- Approval of Minutes
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Questions?



Old Business

- Water Monitoring Program

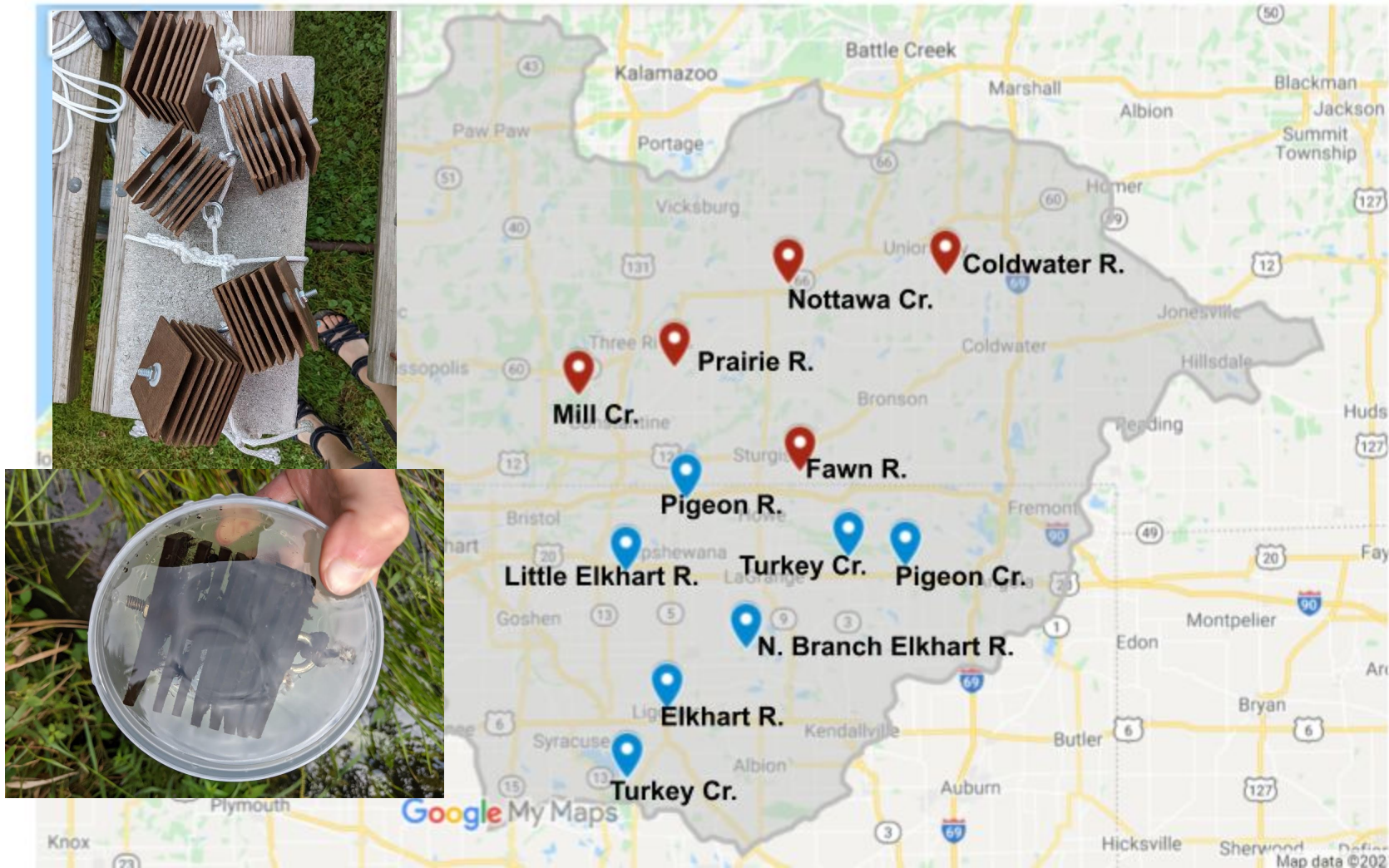


SJRBC Water Monitoring Program Updates



Kate Barrett, PhD
May 30, 2024

SJRBC Biological monitoring program sites



2023 data are in!



Site Name	ICI Score 2021	ICI Score 2022	ICI Score 2023
Mill Creek (reference site) @ Preston Road	40 (Good)	48 (Exceptional)	52 (Exceptional)
Prairie River @ Hostel Canoe Park	26 (Fair)	44 (Very Good)	46 (Exceptional)
Nottawa Creek @ Olney Road	50 (Exceptional)	52 (Exceptional)	40 (Good)
Coldwater River @ Riverbend County Park	42 (Very Good)	50 (Exceptional)	50 (Exceptional)
Fawn River @ Kime Bridge	38 (Good)	48 (Exceptional)	42 (Very Good)
Pigeon Creek @ CR 327 near Angola	46 (Exceptional)	44 (Very Good)	44 (Very Good)
Pigeon River @ Scott Mill	30 (Fair)	50 (Exceptional)	38 (Good)
North Branch Elkhart River @ Delt Church Park	38 (Good)	34 (Marg. Good)	40 (Good)
Elkhart River @ Ligonier	28 (Fair)	36 (Good)	44 (Very Good)
Turkey Creek @ Wawasee Area	44 (Very Good)	54 (Exceptional)	40 (Good)
Little Elkhart River @ CR 18 in Middlebury	42 (Very Good)	48 (Exceptional)	32 (Marginally Good)
Turkey Creek of the Pigeon River	ND	50 (Exceptional)	50 (Exceptional)

Partner support of monitoring efforts: Steuben County

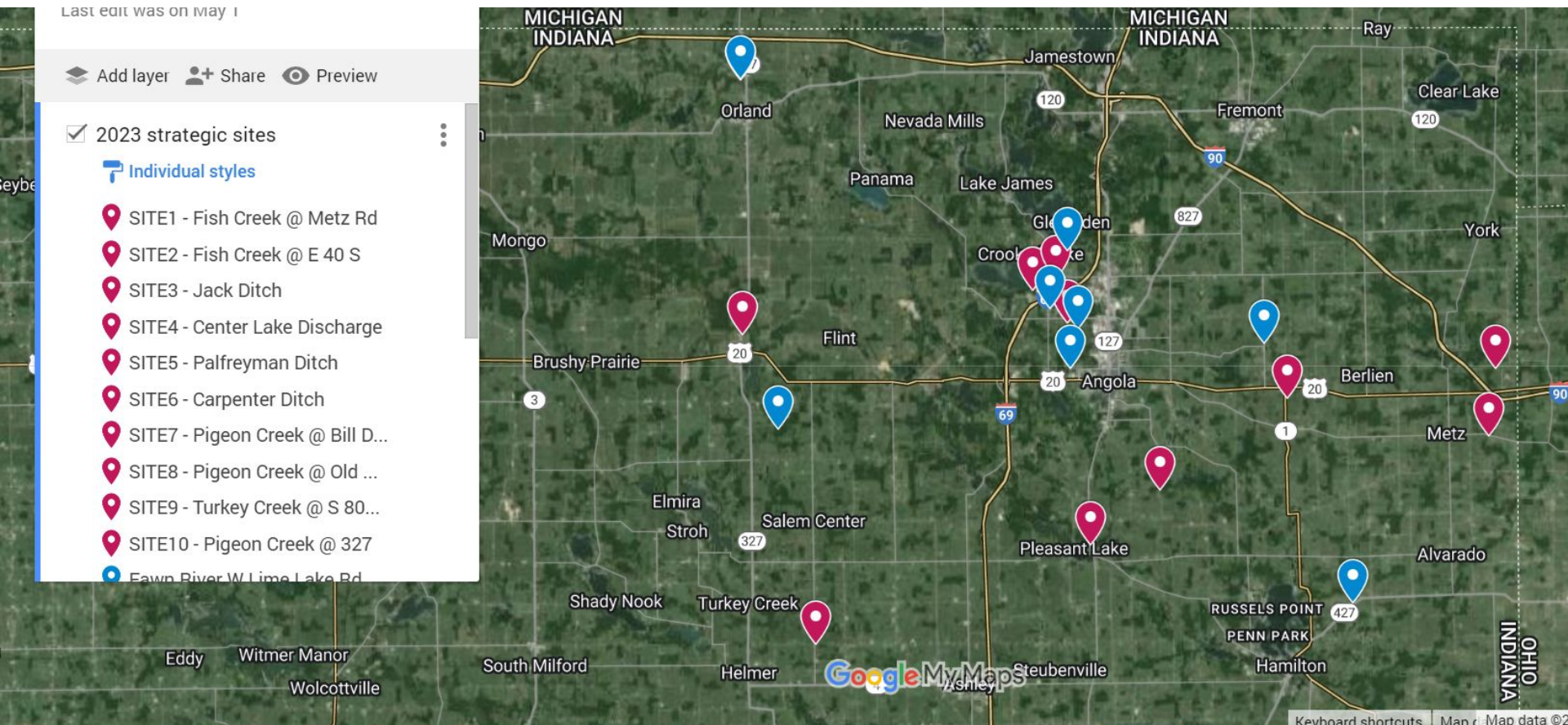
Strategic water quality monitoring program year 2 underway:

- 18 sites monitored for 20 consecutive weeks
- 2 AmeriCorps members serving under Dr. Sam Drerup
- Biological monitoring added
- Big thanks to the Steuben County Community Foundation for 2 two grants supporting this work



Partner support of monitoring efforts: Steuben County

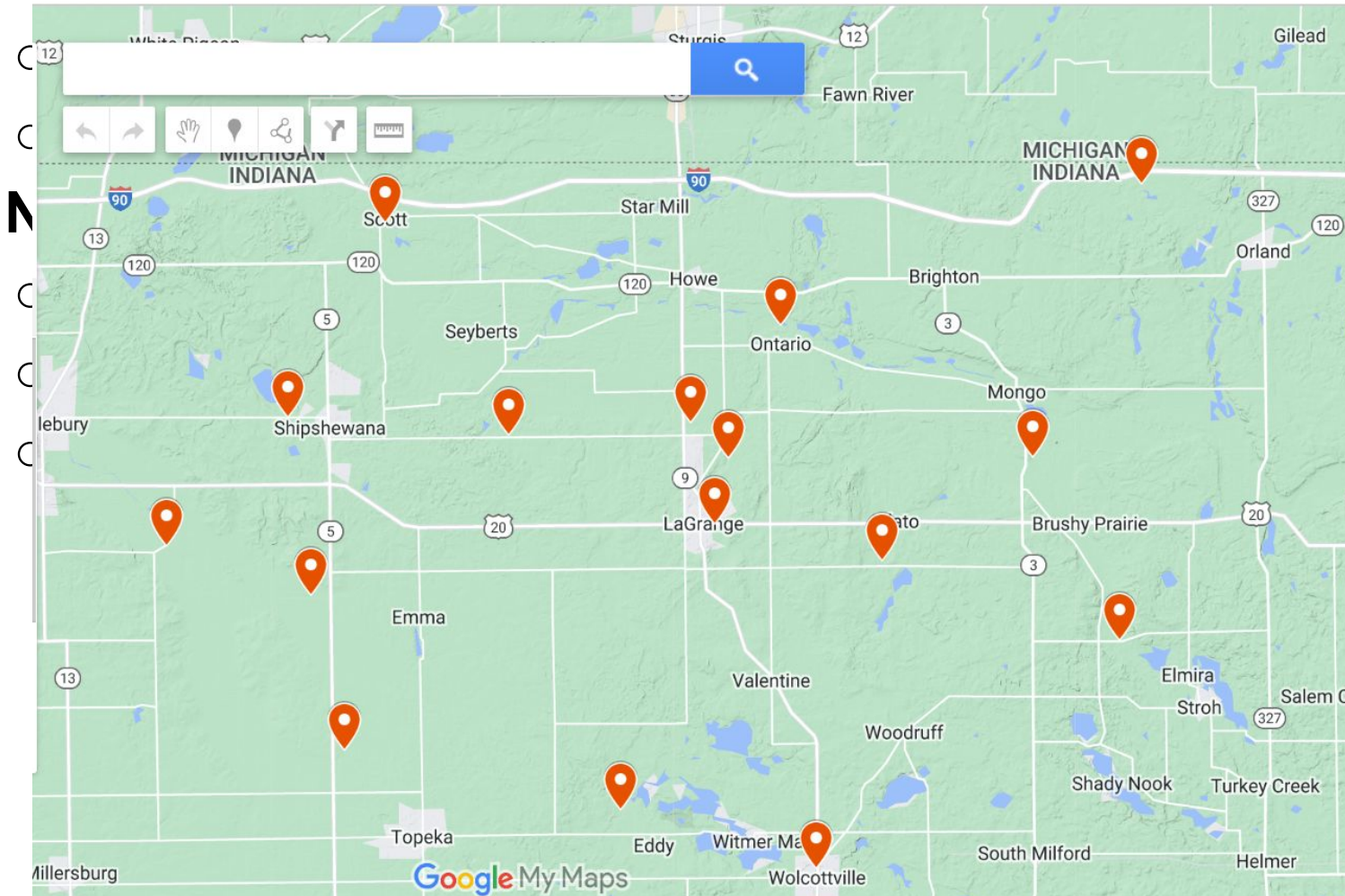
A snapshot of the monitoring locations of the new program



Partner support of monitoring efforts: LaGrange County

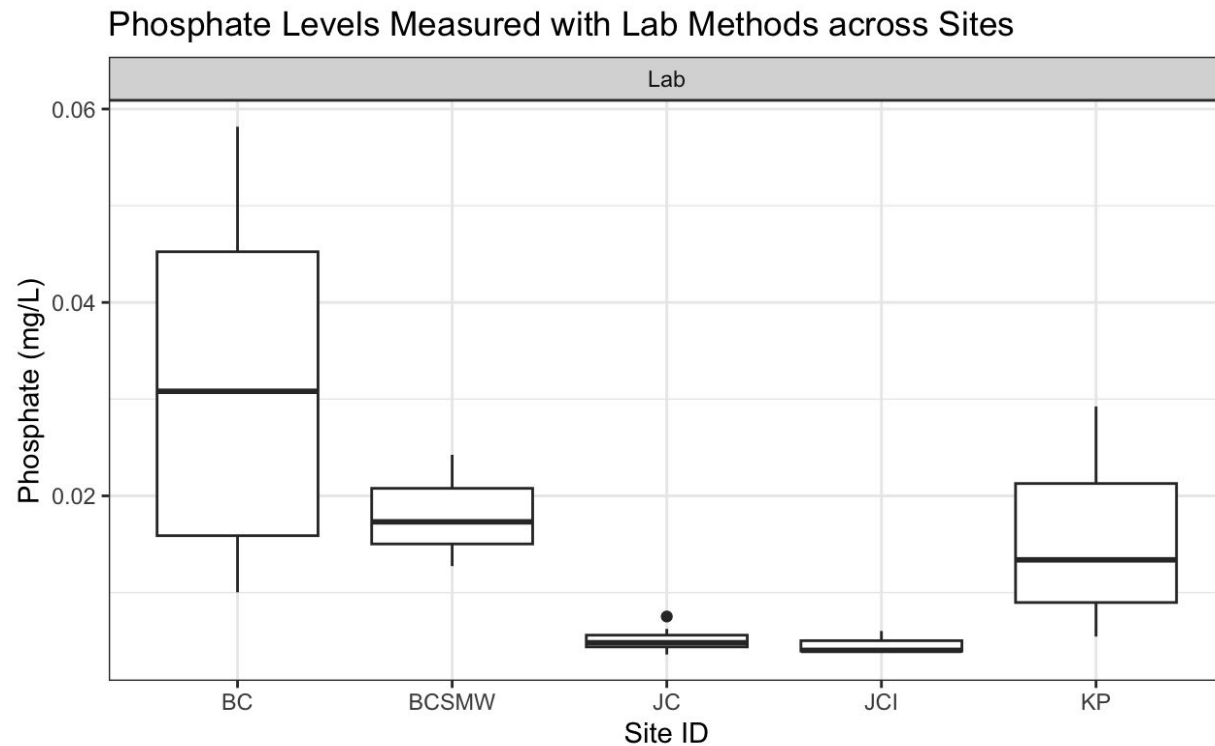
- Awarded two grants in 2023 to support strategic monitoring in 2024:

●

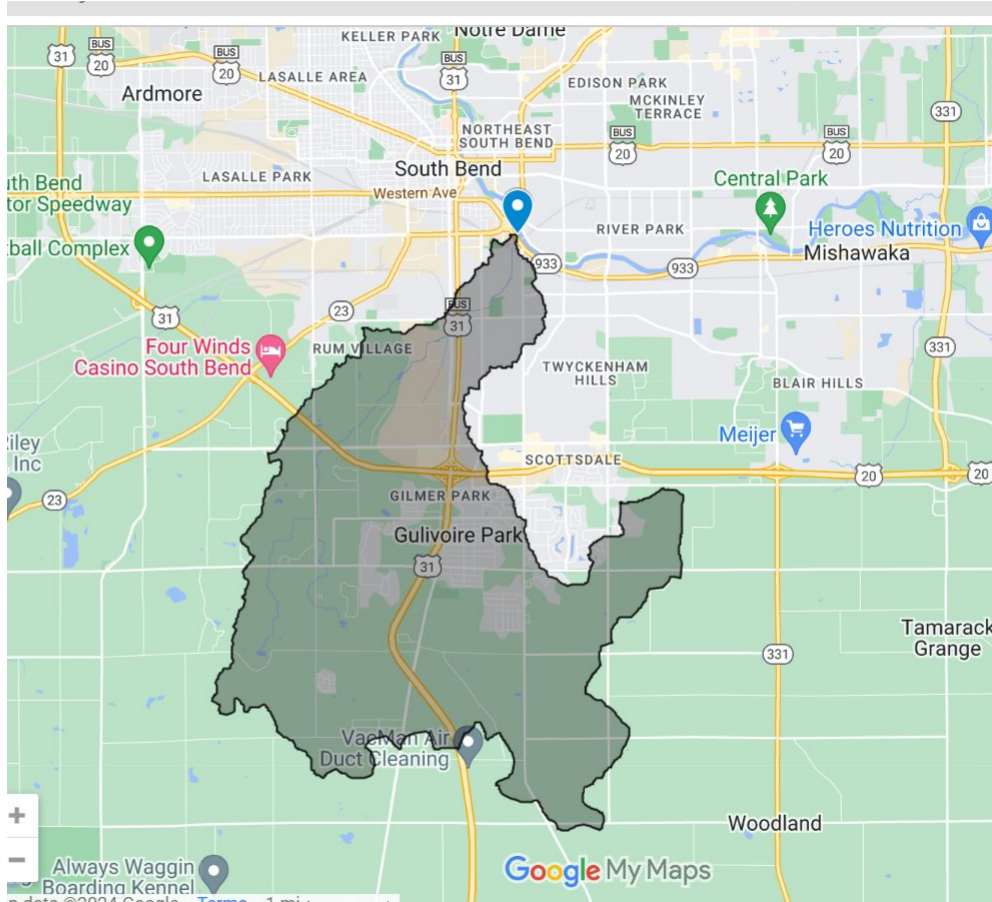




Mentorship: ND Capstone Project - How good is Hoosier RiverWatch?



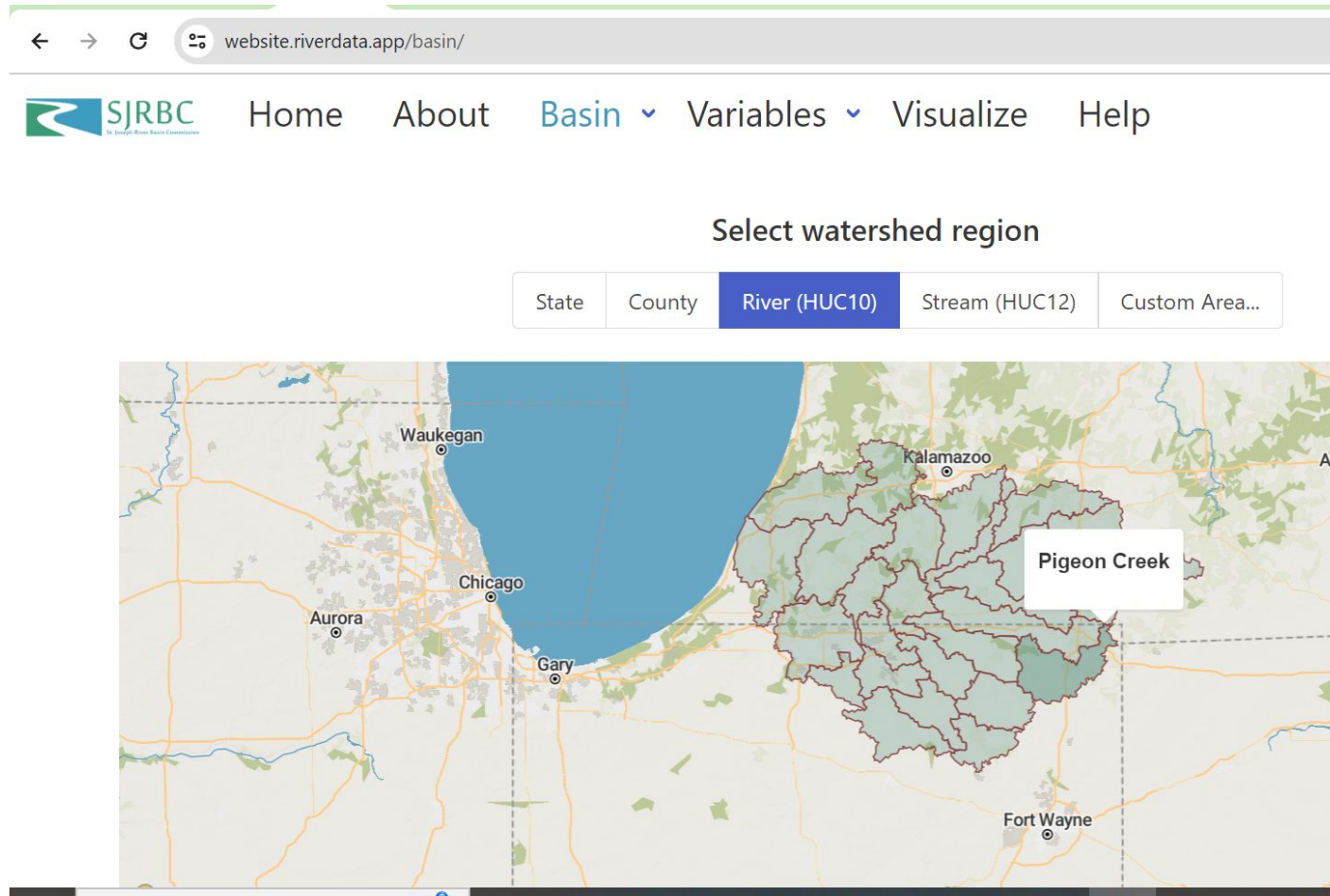
New project: Bowman Creek Watershed Study

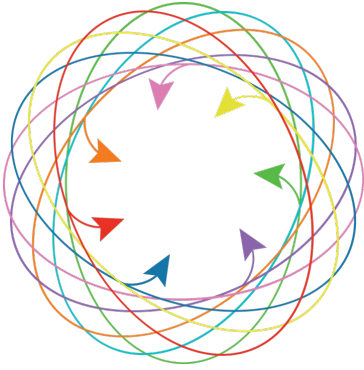


- Collaboration with Notre Dame Tech Ethics Lab & Lucy Civic Innovation Lab
- SJRBC will mentor 4 interns
- Goal to develop a pilot hydrologic model & characterize water quality
- Bowman Creek one of the most impaired streams in the basin
- Unique rural - urban gradient

Putting it all together: interactive web map website

<https://website.riverdata.app/basin/>





Need assistance with data?

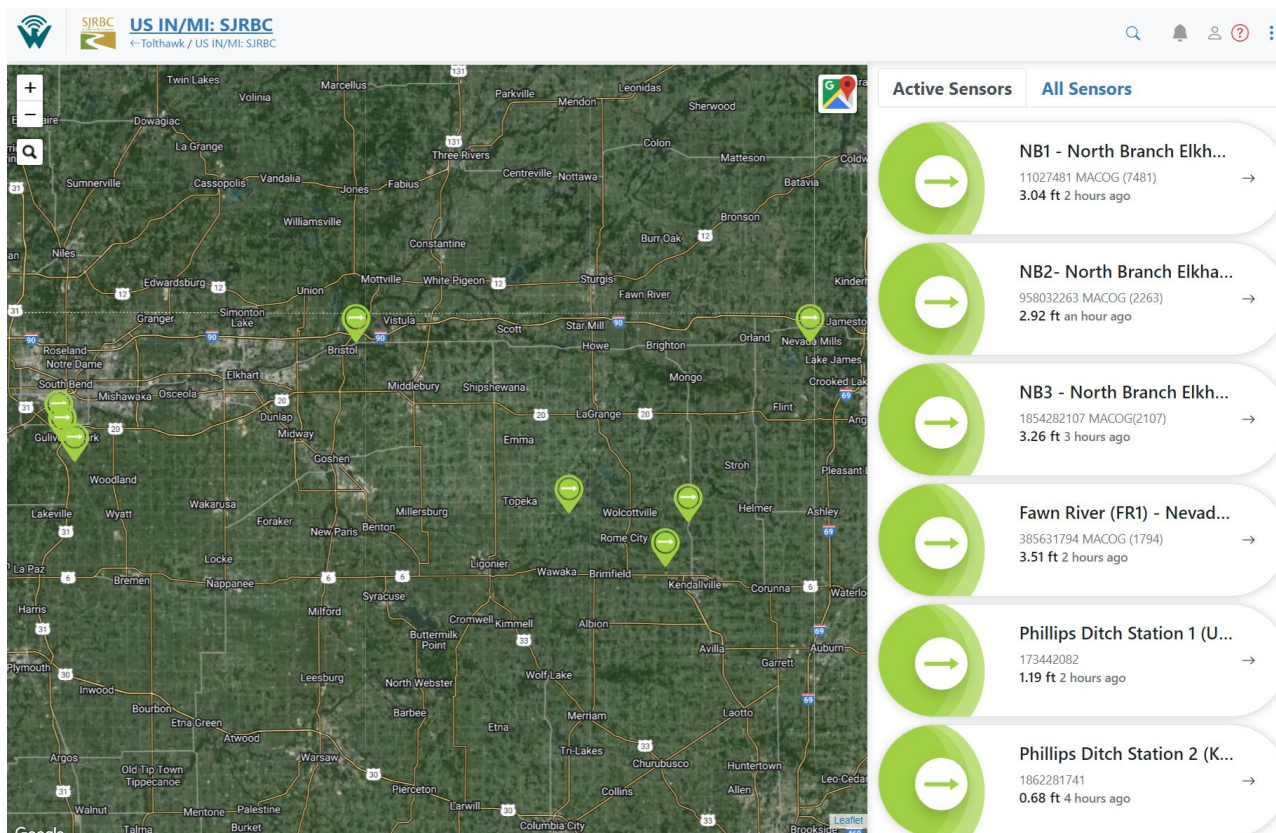
I'm happy to help!
kbarrett@macog.com

Old Business

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



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 ("SJRBC") 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



New Business

• FY25 Work Plan & Budget Adoption



Fiscal Year 2025 Work Plan

Basic Operations:

- Provide a forum for the discussion, study and evaluation of water resource issues of common concern throughout the basin by hosting quarterly meetings of the Commission.
- Facilitate and foster cooperative planning and coordinated management of water and land resources by local governments and other partners.
- Develop positions on major water resource issues and serve as an advocate of the river basin's interests before Congress and federal, state and local government agencies.
- Make recommendations and assist local communities in an advisory capacity as it relates to water resource issues in the river basin by attending meetings, serving on local advisory committees, steering committees, environmental commissions, etc.
- Support partners in developing and distributing education/information materials and assisting at workshops on subjects such as stormwater management, erosion control, drainage, best management practices, low impact development, and flood plain management.
- Assist other state and local agencies/organizations in their efforts to achieve the goals set forth in the St. Joseph River Watershed Management Plan.
- Prepare budget and provide internal controls for the receipt, investment and disbursement of all funds in accordance with applicable Indiana State Board of Accounts guidelines and statutes.
- Attend workshops, webinars, and other education opportunities that serve to update staff and members on new and innovative approaches to water quality protection and flood mitigation.
- Maintain and update the St. Joseph River Basin Commission website at www.sjrbcc.com.

**Additional projects will be completed as funding and staff capacity allows. These special projects and programs are detailed on the following page.*

SJRBC Fiscal Year 2025 Work Plan (continued)

Special Projects:

- Water Monitoring
 - ⇒ Interpret and communicate existing data (chemical, biological & hydrologic) and identify critical water quality/quantity monitoring needs.
 - ⇒ Provide funding, in collaboration with local governments, to expand and support:
 - Long-term biological monitoring to identify spatial and temporal trends in water quality across the basin.
 - Long-term water level/flow monitoring to support studies, modeling and flood resilience planning across the basin.
- Member/Partner Support
 - ⇒ Attend local government meetings to provide technical assistance and understand local water resource issues.
 - ⇒ Provide funding to local units of government and other partners for projects that serve to improve water quality and mitigate flooding in the river basin.
 - ⇒ Assist County Surveyors and Drainage Boards in creating incentives for soil and water conservation with drain maintenance/improvement projects and cost apportionment.
 - ⇒ Review projects requesting approval from state and federal permitting agencies and make comments when appropriate regarding their potential impact on water quality, the structural integrity of the waterbody, or the aquatic environment.
 - ⇒ Serve as host and main point of contact for local water advisory entities such as the Juday Creek Task Force, which may include organizing meetings and delivering recommendations to the County Drainage Board and others as appropriate
- Planning/Resource Development
 - ⇒ Study water use, water quality, flood hazard mitigation, and the drinking water, wastewater, stormwater and drainage water management system needs of the basin.
 - ⇒ Complete functional assessments of major tributaries to address problems and identify potential vulnerabilities impacting river health and function.
 - ⇒ Perform drainage, stormwater and floodplain management audits for members to identify planning/policy deficiencies and provide recommendations for improvement.
 - ⇒ Support the development of other plans and tools to protect water quality, mitigate flooding and improve water management.
 - ⇒ Participate in the watershed management efforts of partners throughout the basin.
- Education/Outreach
 - ⇒ Host educational events including the St. Joseph River Basin Symposium.
 - ⇒ Distribute information about the status of water resources, efforts to mitigate flooding and improve water quality, educational opportunities and other relevant issues.
 - ⇒ Promote, produce and distribute educational materials and programs for partners throughout the basin.
 - ⇒ Provide financial support for local water managers to receive watershed management training including Purdue University's Indiana Watershed Leadership Academy.

Note: State or local government funding deficits, and existing staff capacity, may limit Special Project spending. If funding allows, additional staff may be hired to assist with program administration and special project implementation.

New Business

- FY25 Work Plan & Budget Adoption

SJRBC 2025 Local Government Appropriation Requests

	Acres in Basin	% of Basin	2020 Population	% of County Population	2025 Request Amount*	2024 Local Govt Receipts
Elkhart County	292,108	27%	207,047		\$10,390	\$10,088
City of Elkhart			53,923	26%	\$4,724	\$4,586
City of Goshen			34,517	17%	\$3,024	\$2,936
Elkhart County Total:					\$18,138	\$17,610
LaGrange County	247,370	23%	40,446		\$14,303	\$13,888
Town of LaGrange			2,781	7%	\$1,056	\$1,025
LaGrange County Total:					\$15,359	\$14,913
Noble County	201,256	19%	47,457		\$9,791	\$9,507
City of Kendallville			10,271	22%	\$2,704	\$2,626
Noble County Total:					\$12,495	\$12,133
Steuben County	157,004	15%	34,435		\$7,104	\$6,898
City of Angola			9,340	27%	\$2,644	\$2,567
Steuben County Total:					\$9,748	\$9,465
St. Joseph County	117,836	11%	272,912		\$3,174	\$3,082
City of South Bend			103,453	38%	\$2,773	\$3,500
City of Mishawaka			51,063	19%	\$1,369	\$1,329
St. Joseph County Total:					\$7,316	\$7,911
Kosciusko County	65,280	6%	80,240		\$3,908	\$3,794
Town of Syracuse			2,874	4%	\$145	\$500
Kosciusko County Total:					\$4,053	\$4,294

Ttl Acres in Basin: 1,080,854 2025 Request Ttl*: \$67,110 2024 Local Govt Receipts Ttl: \$66,326

New Business

• FY25 Work Plan & Budget Adoption

	FY23 Actual	FYE 24 Forecast	FY24 Budget	FY25 Budget	Notes
REVENUE					
State of Indiana	103,924	104,974	102,875	102,875	A
Local Government	62,823	66,336	65,160	67,110	B
Special Projects	147	32,390	0	13,200	C
Interest	15,389	23,000	15,000	20,000	D
Other Income	0	65			
Total Revenue	182,283	226,765	183,035	203,185	
EXPENSES					
Basic Operations					
SJRBC Director	46,984	46,065	47,000	50,000	E
Accounting Services	1,511	1,798	3,450	3,000	F
Office Rent	7,000	7,000	7,000	7,000	
Legal	2,284	2,510	3,000	3,000	
Bank Service Fees	0	10	200	200	
Insurance	519	519	520	520	
Travel/Mileage	608	344	1,200	800	
Audit	0	0	3,000	3,000	G
Information Technology	2,500	1,000	1,000	1,000	
Printing	95	91	200	200	
Postage	11	12	50	50	
Telephone	240	240	240	240	
Misc Expenses	0	0	250	250	
Operating Expenses	61,752	59,589	67,110	69,260	H
Special Projects					
Water Monitoring	55,484	38,763	50,000	50,000	I
Additional Staff	28,380	43,657	47,000	65,000	J
Member/Partner Support	3,499	1,332	2,925	2,925	K
Planning/Resource Development	9,650	0	8,000	8,000	L
Education/Outreach Provision	6,370	4,377	8,000	8,000	M
Project Expenses	103,382	88,129	115,925	133,925	
Total Expenses	165,134	147,718	183,035	203,185	
CHANGE IN NET ASSETS	17,150	\$79,047	\$0	\$0	

Notes:

A - FY25 General Fund Budget amount after expected 2% reserve

B - FY24 budgeted Operating Expenses apportioned & requested from members

C - Potential water monitoring cost-share income

D - Increase based on FY24 interest rates & existing fund balance

E - Maximum wages based on 23 hrs/wk at \$40/hr plus payroll taxes

F - Increased expenses expected due to scheduled audit

G - Audit scheduled for this year according to State Board of Accounts

H - 3% increase in Operating Expenses to be apportioned and requested from members in 2026

I - To support expanded biological, chemical and flow monitoring

J - To fund SJRBC Coordinator, intern and other MACOG & AmeriCorps staff support

K - To provide local match, technical assistance and project support to members & partners

L - To support the development of studies, plans, tools and other resources

M - To provide education/information to staff & stakeholders (web, events, training etc.)

New Business

- FY25 Work Plan & Budget Adoption
- 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
September 5th, 2024

