

3<sup>rd</sup> Quarter  
September 1, 2022



# 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

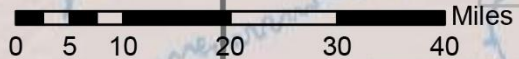
Ohio

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.

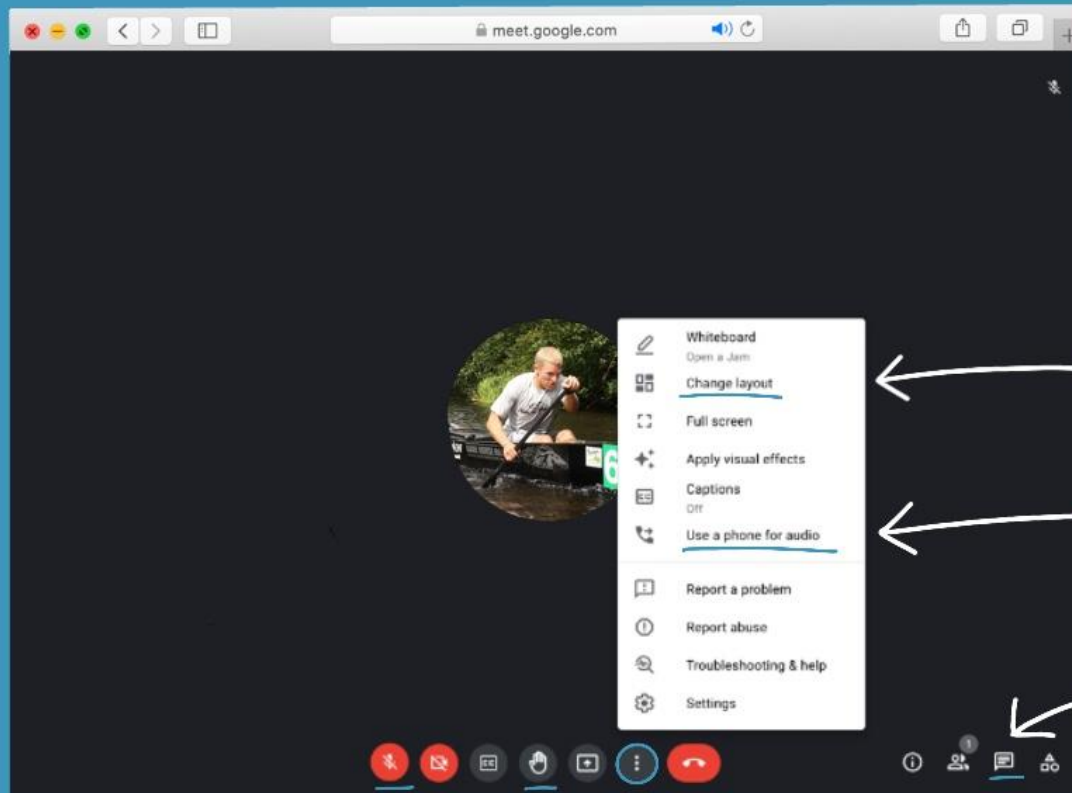
# The SJRBC shall consist of the following (or their proxy):

- 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

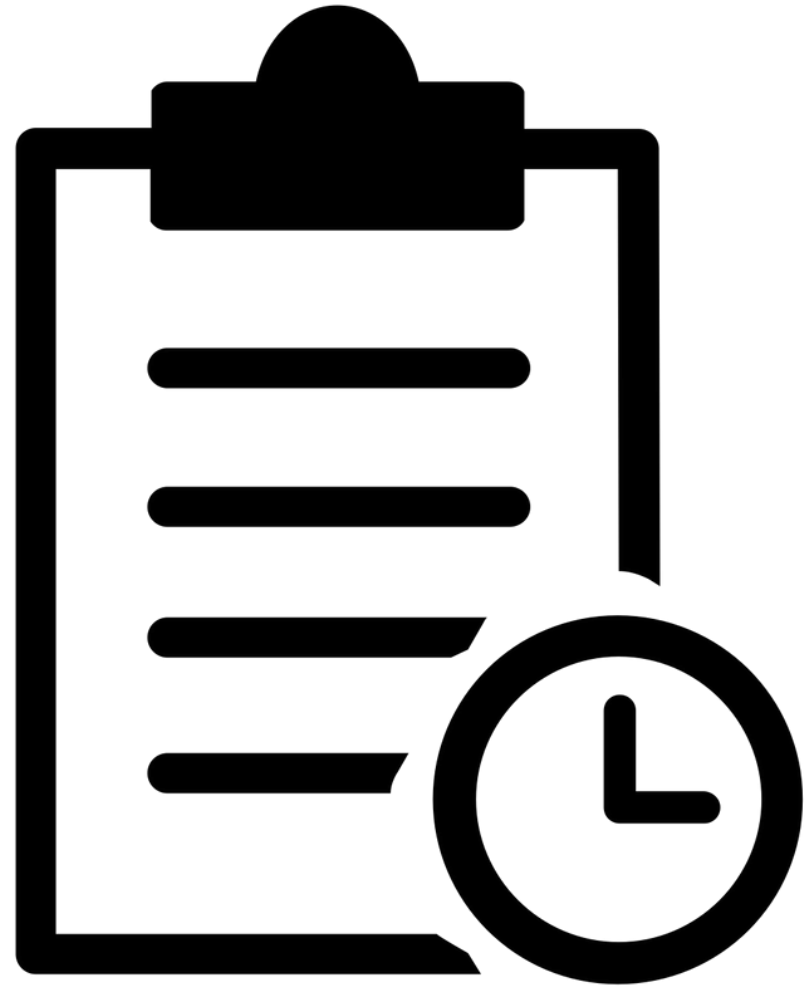
# Opening Business

- 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
  - June 2, 2022



# Financial Report – FYE 22 Activities

	FY21 Actual	FY22 Actual	FY22 Budget	Budget to YE Variance	Notes
<b>REVENUE</b>					
State of Indiana	89,228.00	103,924.00	101,800	2,124	A
Local Government	62,304.00	61,164.00	63,660	(2,496)	B
Special Projects	23,668.38	2,695.00	2,500	195	
Interest	468.50	1,255.05	500	755	
Other Income	0.00	0.00		0	
<b>Total Revenue</b>	<b>175,668.88</b>	<b>169,038.05</b>	<b>168,460</b>	<b>578</b>	
<b>EXPENSES</b>					
<b>Basic Operations</b>					
SJRBC Director	46,993.28	46,522.31	47,000	(478)	
Accounting Services	2,630.17	2,096.21	4,000	(1,904)	C
Office Rent	5,774.97	6,999.96	7,000	(0)	
Legal	1,400.00	1,478.00	2,000	(522)	
Bank Service Fees	37.00	0.00	200	(200)	D
Insurance	518.64	518.64	520	(1)	
Travel/Mileage	563.27	615.97	1,200	(584)	E
Audit	0.00	0.00		0	
Information Technology	999.96	999.96	1,000	(0)	
Printing	78.49	92.62	200	(107)	
Postage	11.80	9.01	50	(41)	
Telephone	240.00	240.00	240	0	
Misc Expenses	43.60	0.00	250	(250)	
<b>Operating Expenses</b>	<b>59,291.18</b>	<b>59,572.68</b>	<b>63,660</b>	<b>(4,087)</b>	
<b>Special Projects</b>					
Water Monitoring	4,488.89	23,645.84	29,700	(6,054)	F
Additional MACOG Staff	12,436.53	29,240.21	35,700	(6,460)	G
Municipal/Partner Support	5,555.04	5,576.62	9,350	(3,773)	H
Planning/Resource Development	29,990.00	15,054.30	19,150	(4,096)	H
Education/Outreach Provision	2,962.31	5,286.91	7,400	(2,113)	H
Drainage Project	3,479.15	0.00	3,500	(3,500)	I
<b>Project Expenses</b>	<b>58,911.92</b>	<b>78,803.88</b>	<b>104,800</b>	<b>(25,996)</b>	
<b>Total Expenses</b>	<b>118,203.10</b>	<b>138,376.56</b>	<b>168,460</b>	<b>(30,083)</b>	
<b>CHANGE IN NET ASSETS</b>	<b>\$57,465.78</b>	<b>\$30,661.49</b>	<b>\$0</b>	<b>0</b>	

# Financial Report – FYE 22 Assets

## ASSETS

### Cash

Lake City Account (1944)	\$363,179.76
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<b>Total Cash</b>	<b>\$363,179.76</b>
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### Accounts Receivable

State of Indiana	\$0.00
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<b>Total Accounts Receivable</b>	<b>\$0.00</b>
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<b>Total Assets</b>	<b>\$363,179.76</b>
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## LIABILITIES & FUND BALANCE

### Liabilities

Accounts Payable	\$27,819.38
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<b>Total Liabilities</b>	<b>\$27,819.38</b>
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### Fund Balance

Fund Balance FYE 2021	\$304,698.89
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Change in Net Assets YTD	\$30,661.49
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<b>Total Fund Balance</b>	<b>\$335,360.38</b>
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<b>Total Liabilities and Fund Balance</b>	<b>\$363,179.76</b>
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# Financial Report – FYE 22 Cash Flows

## CASH RECEIPTS

<b>State of Indiana</b>	<b>\$126,231.00</b>
<b>Special Project Revenue</b>	<b>\$2,695.00</b>
Indiana Academy of Sciences Grant	\$2,695.00
<b>Local Government Appropriation</b>	<b>\$63,623.00</b>
<u>Elkhart County</u>	\$10,006.00
City of Elkhart	\$4,437.00
City of Goshen	\$2,762.00
<u>LaGrange County</u>	\$13,540.00
Town of Lagrange	\$1,030.00
<u>Noble County</u>	\$9,395.00
<u>City of Kendallville</u>	<b>\$4,918.00</b>
Rome City	\$50.00
<u>Steuben County</u>	\$3,500.00
City of Angola	\$2,330.00
<u>St Joseph County</u>	\$3,055.00
City of South Bend	\$3,500.00
City of Mishawaka	\$1,255.00
<u>Kosciusko County</u>	\$3,705.00
Town of Syracuse	\$140.00
<b>Misc. Income</b>	<b>\$0.00</b>
<b>Interest Earned</b>	<b>\$1,255.05</b>
<b>Total Cash Receipts</b>	<b>\$193,804.05</b>

# Consent Agenda

- Approval of Minutes
- Financial Report
- Approval of Claims

## SJRBC Claims Submitted for Commission Approval September 1, 2022

### Accounts Payable Voucher Register

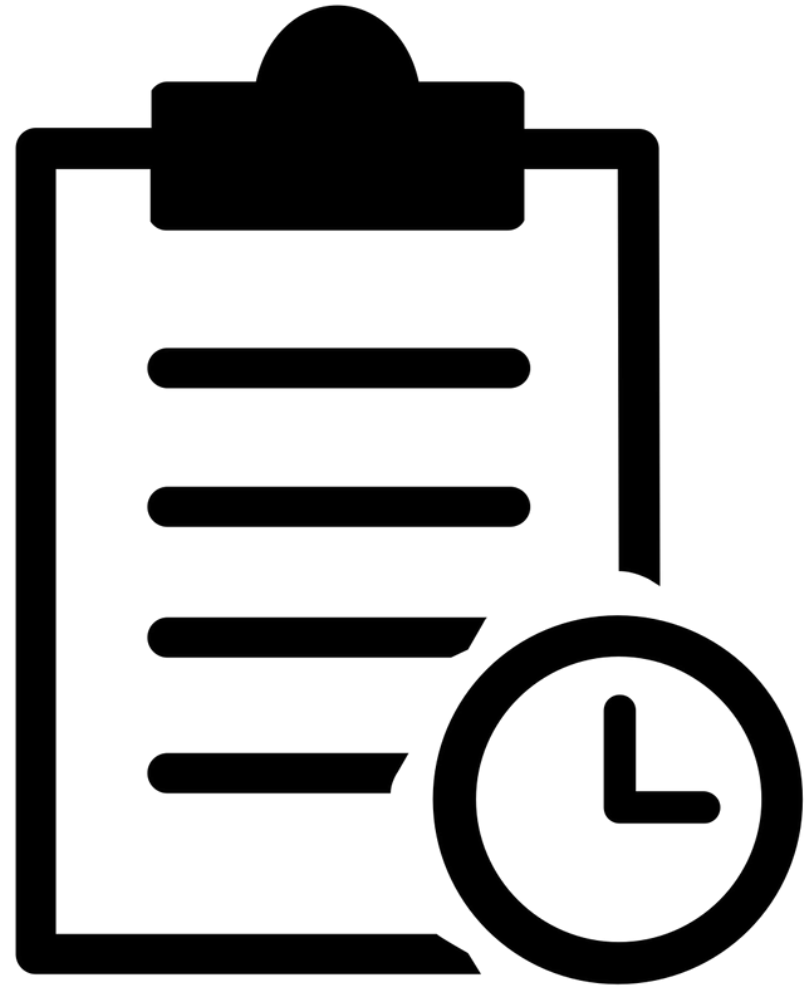
<b>Date</b>	<b>Vendor</b>	<b>Description</b>	<b>Amount</b>
4/30/2022	MACOG	Invoice #FY22-10 April 2022 Services	\$10,816.06
5/31/2022	MACOG	Invoice #FY22-11 May 2022 Services	\$8,113.25
6/1/2022	City of Kendallville	Invoice for MS4 Educational Program Support	\$5,000.00
6/15/2022	Eulora, LLC	Invoice #681 - 8 Water Level Monitoring Devices	\$8,132.87
6/30/2022	MACOG	Invoice #FY22-12 June 2022 Services	\$8,890.07
8/1/2022	Juozas Gaigalas	Invoice #8 Web Development & Data Processing	\$742.50
9/1/2022	THORNE GRODNIK	September 2022 Legal Expenses	\$350.00
		<b>Total</b>	<b>\$42,044.75</b>



# Consent Agenda

- Approval of Minutes
- Financial Report
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**Questions?**



# Old Business

## Existing Project Updates:

### Wetland Task Force


- Content suggestions submitted:
  - strategies to incentivize **wetland avoidance** during development
  - strategies to incentivize **wetland preservation**
- Draft report to be delivered 9/7
- Final meeting to be held 9/14
  - review, edit and finalize report
  - vote on approval of final report

*“Ninety-four percent of Indiana Voters believe that state leaders should either strengthen (49%) or maintain (45%) Indiana’s current wetland protections”*


## Indiana Poll Reveals Strong Bipartisan Support for Protecting Wetlands

*Weakening clean water protections is unpopular across party lines*


Birds in This Story




Marsh Wren  
*Cistothorus palustris*



Black Tern  
*Chlidonias niger*



Pied-billed Grebe  
*Podilymbus podiceps*



Lesser Yellowlegs, Carmel, Indiana. Photo: John Troth/Audubon Photography Awards.

INDIANA (May 10, 2022) – Indiana has lost more than 85 percent of its wetlands – important natural infrastructure that buffers communities against flooding, absorbs carbon pollution, and provides habitat for vulnerable birds and other wildlife. Today, in recognition of American Wetlands Month, Audubon Great Lakes released [findings from an Indiana state-wide poll](#), which shows that Hoosiers, overwhelmingly, do not want wetlands protections weakened.

**Help Save America's Birds & Other Wildlife**

America's birds and wildlife are in crisis. Urge Congress to support the Recovering America's Wildlife Act.

Popular Stories

# Old Business

## Existing Project Updates:

- Wetland Task Force
- Member/Partner Support
  - Kendallville MS4 Educational Programs
  - Steuben Co. Stormwater/Drainage Audit
  - St. Joseph Co. Regional Detention Study

STEUBEN COUNTY  
ORDINANCE  
FOR  
STORM DRAINAGE  
AND  
EROSION CONTROL



ST. JOSEPH COUNTY  
ESTABLISHED 1830



# Old Business

- Existing Project Updates:
  - Wetland Task Force
  - Member/Partner Support
  - **Drainage Benefit Apportionment**



  
**Indiana Farm Bureau**

**Drainage School**

WEDNESDAY, SEPTEMBER 1, 2021 | 9 A.M. - 3:30 P.M. ET

VISIT [INFB.ORG/DRAINAGE](https://infb.org/drainage) TO REGISTER

## MiSustainable Holland: Farm field day will promote and inspire sustainable practices

Sidney Quillian ODC Network

Published 6:01 a.m. ET Aug. 15, 2022

[View Comments](#)



A soil pit, which will be dug at the farm field day, demonstrates the structure and health of agricultural soil.  
 Contributed/ODC Network



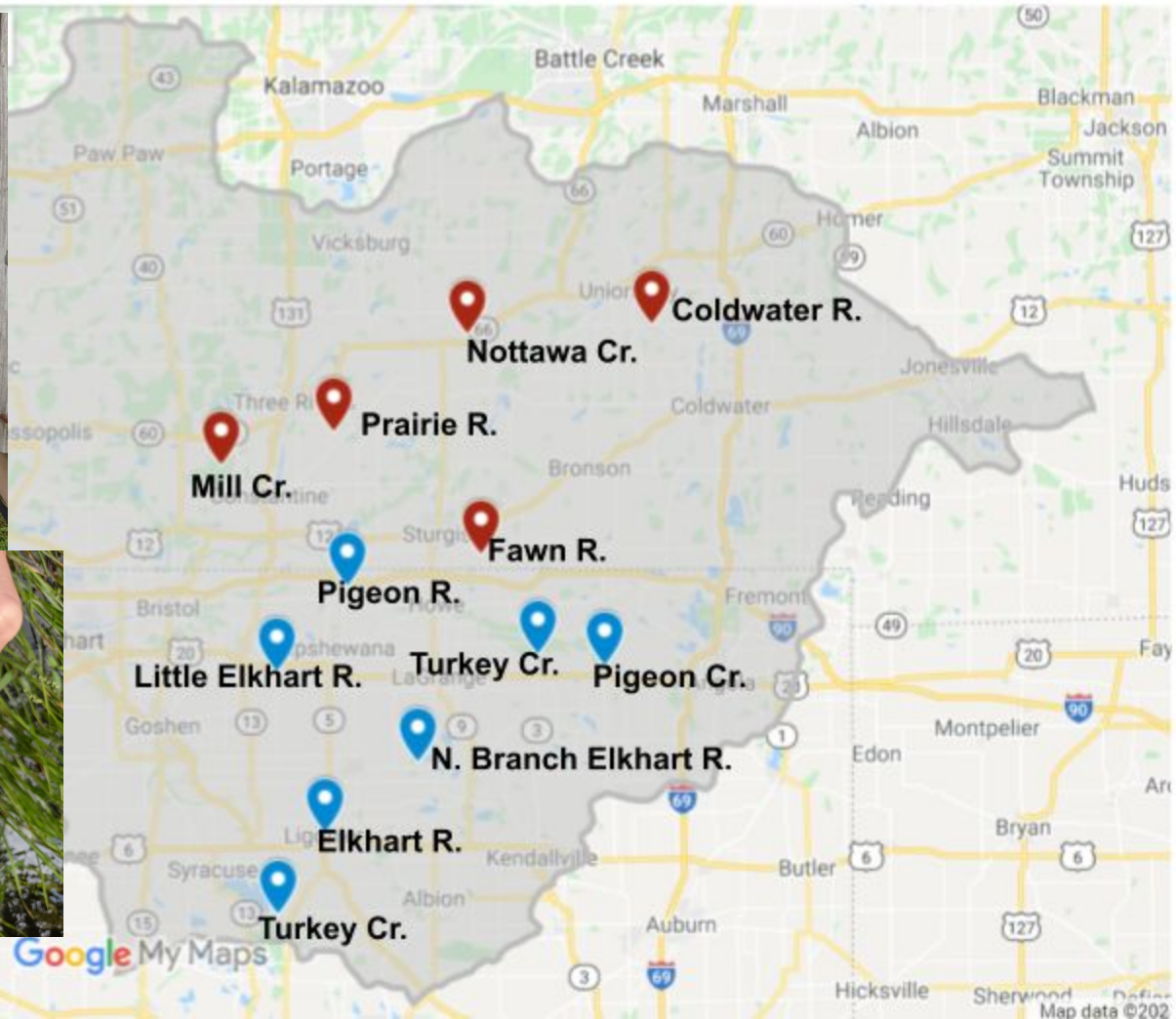
# SJRBC Water Monitoring Program Updates

A woman wearing waders is standing in a river, working with a piece of equipment on a small green float. The equipment consists of several cylindrical sensors mounted on a concrete base. The river is surrounded by lush green trees and a concrete bridge with a metal railing is visible in the background. The water is dark and reflects the surrounding greenery.

**Kate Barrett, PhD**  
**Sep 1, 2022**



# SJRBC Biological monitoring program sites





## A successful 2022 sampling season

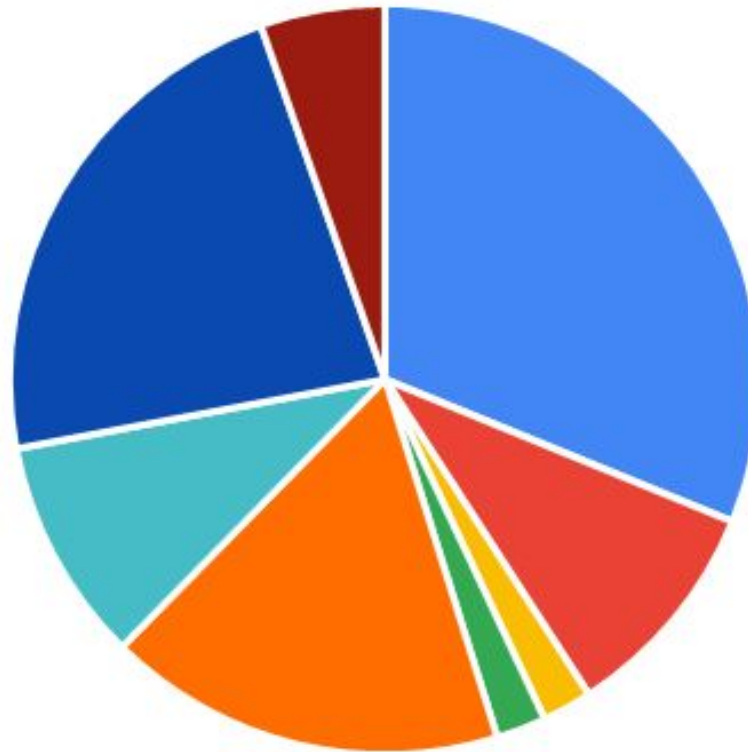
- 100% retrieval rate from each monitoring site
- Establishing baseline knowledge of stream health





# New this year: rapid trash assessments





- Plastics
- Paper/Wood
- Food
- Styrofoam
- Microplastics
- Metal
- Shattered glass
- Other

# Other Water Monitoring Projects

- Greater Elkhart County Stormwater Partnership analysis & report now available on our website
- Elkhart Aquatics Program
  - Assisting with long-term analysis of IBI/ICI scores & legacy contaminants
- Analyzing long-term *E. coli* trends in the St. Joe
- Assisting Steuben County with water data analysis
- Putting it all together in an interactive web map
  - Goal: share it with all for education and outreach
- Working on making code available



# Where to find the recent Elkhart County Water Report

<https://sjrbc.com/resources/monitoring/index.html>

program sampled 13 parameters on 10-20 different surface waterbodies each month for one year from 2015 to 2017. A minimum of four of the twelve samples taken at each site throughout the year are taken during wet weather conditions. A map of all the sampling sites and the data collected during the first 3 years is available below.

**SJRBC Water Quality Monitoring Program**

- [SJRBC Water Quality Monitoring Data](#)
- [Phase 1-3 Final Report](#)
- [SJRBC Water Monitoring Site Map](#)
- [Water Quality Targets](#)

**Additional Water Monitoring**

- [Environmental Protection Agency \(EPA\) STORET Data Warehouse](#)
- [Hoosier Riverwatch](#)
- [Indiana Water Monitoring Inventory - Purdue University](#)
- [GECSP Water Quality Report \(2010-2021\) Supplement 1; Supplement 2](#)

[Return to Resources](#)

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environ chemistry....pdf

Show all

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8/29/2022

# Analyzing long-term water monitoring data for Steuben County

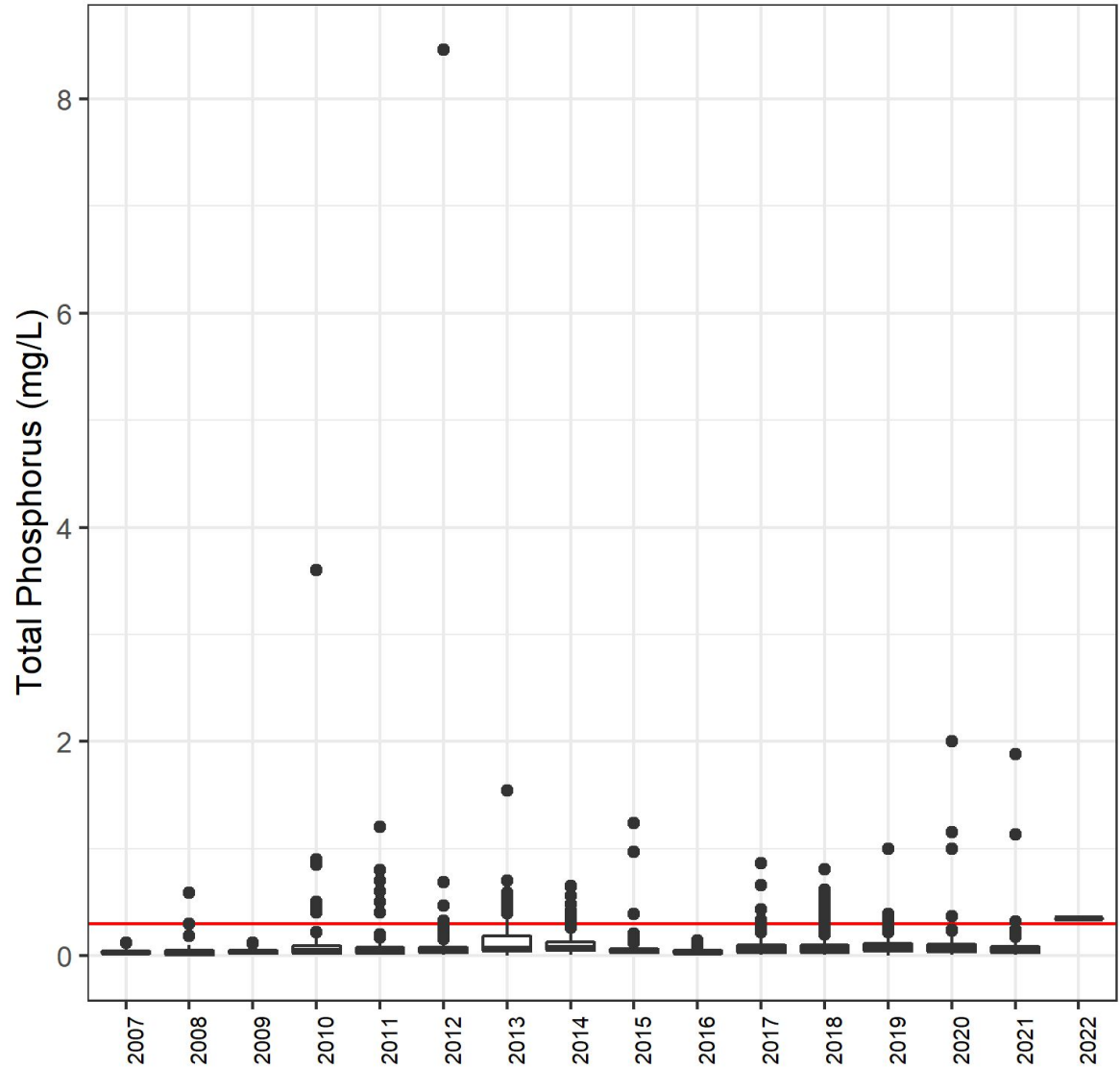

Steuben County (Indiana) ...

Water testing sites in Steuben County, Indiana. For data see <http://lakescouncil.org>. Satellite view available by clicking box below.  
7,844 views  
Published on August 29, 2017

SHARE

SCLC Testing Sites

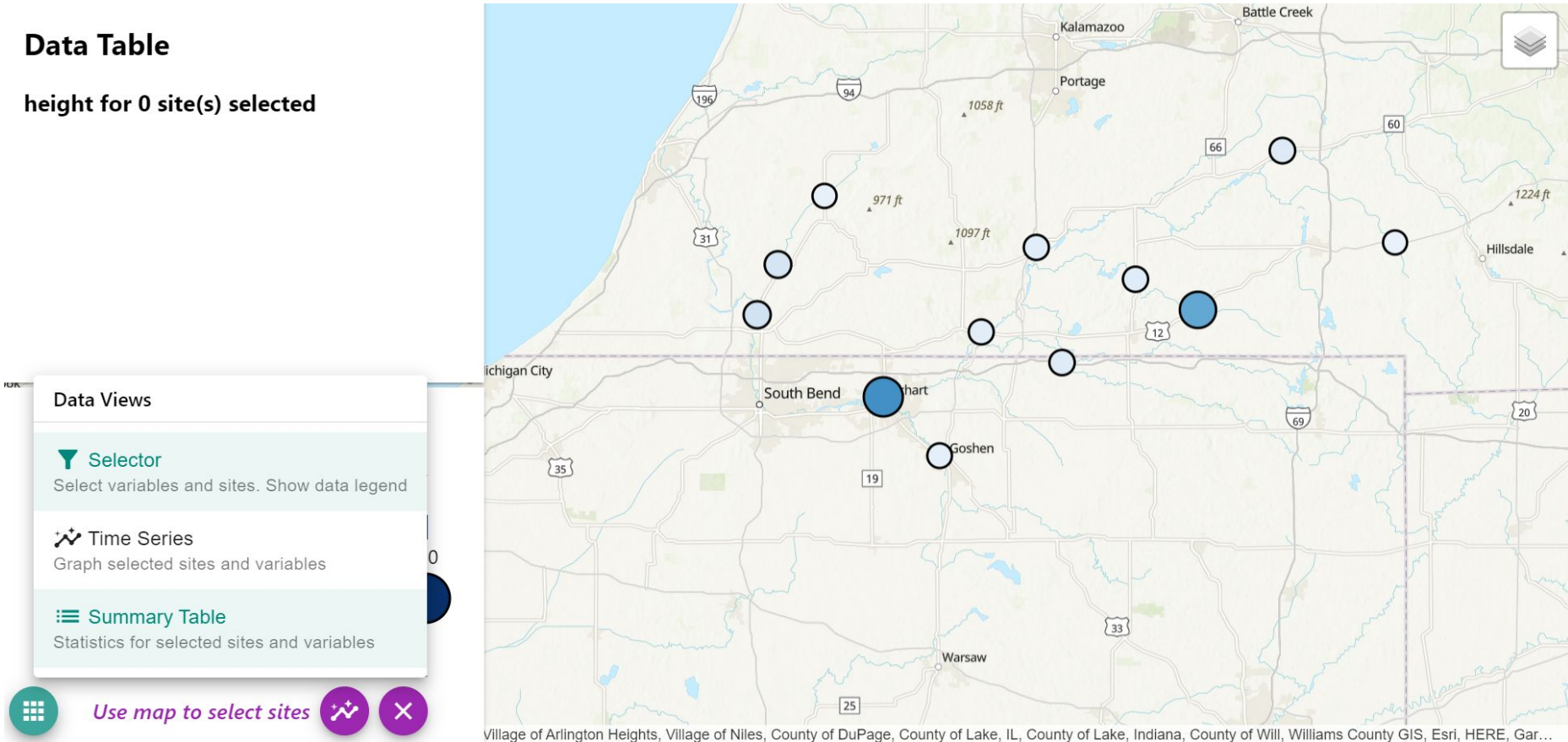
All items



# Putting it all together: interactive web map coming soon

## Data Table

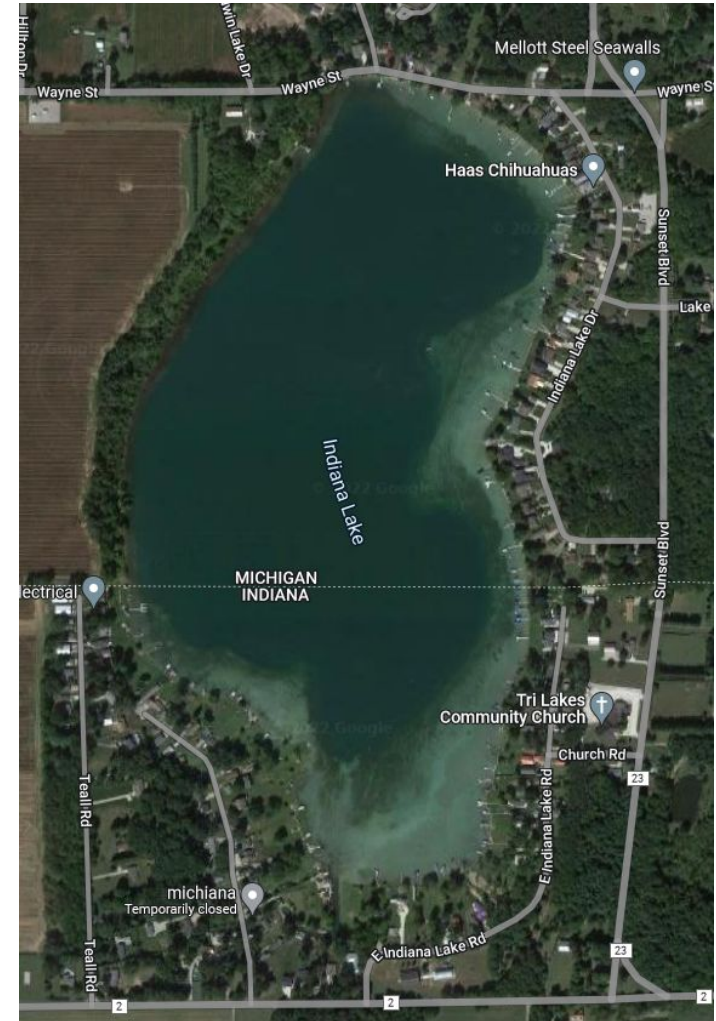
height for 0 site(s) selected



These data & other existing and historic data are part of a larger framework to synthesize & interpret spatial and temporal trends in watershed health.

# Old Business

- Existing Project Updates
- **Water Monitoring Program**
  - Kate's program updates
  - Request for lake monitoring cost sharing





# New Business

- 2023 Meeting Schedule
  - Schrock Pavilion requested from 10am - 12pm on:
    - March 2nd, 2023
    - June 1st, 2023
    - September 7th, 2023
    - December 7th, 2023





# New Business

- 2023 Meeting Schedule
- **Watershed Leadership Academy**
  - Financial assistance typically provided for one or more individuals from our basin.
  - Participants have the opportunity to:
    - Engage with other watershed managers
    - Interact with topic experts
    - Gain strategies, skills and resources
    - Earn a Professional Certificate in Watershed Mgmt.



**Indiana Watershed Leadership Academy**

Cultivating Leaders \* Creating Solutions \* Connecting People & Water

# New Business

- 2023 Meeting Schedule
- Watershed Leadership Academy
- 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 December 1<sup>st</sup>, 2022

