

# *WELCOME*

*River Raisin Watershed  
Delegates  
Guests*



*River Raisin*

WATERSHED COUNCIL

Partner • Protect • Preserve

***WELCOME***

***River Raisin Watershed  
Delegates  
Guests***

***“Geology of the River Raisin”***

# ***RRWC – Executive Committee***

## **Current Executive Committee**

- **John Calhoun - Chairman**
- **Sybil Kolon – Vice Chair**
- **Laurie Johncox – Treasurer**
- **KZ Bolton – Lenawee County Representative**
- **Evan Pratt – Washtenaw County Representative**
- **David Hoffman – Monroe County Representative**
- **John Chandler – Member**

# ***RRWC – Executive Committee***

**RRWC SEMI-ANNUAL FALL MEETING**

**October 19, 2017 6:00 – 8:30 PM**

**Lenawee Intermediate School District - Tech Center  
1372 N Main St, Adrian, MI 49221**

## **AGENDA**

1. Call to Order
2. Introductions
3. Roll Call – Quorum
4. Approval of Agenda
5. Approval of Spring Business Meeting Minutes - April 27, 2017
6. Treasurer’s Report
  - a. 2017 Budget - YTD
  - b. 2018 Proposed Budget
7. Chairman Update
8. Executive Director Update
  - a. 2018 Activities & Plans
9. Program – Julie Hewlett – “Geology of the River Raisin”
10. Old Business
11. New Business
12. Adjournment

# ***RRWC Updates***

## **SECTION (1) - ANNUAL BUDGET**

**The Executive Committee shall have the authority to create for adoption by the RRWC for the RRWC's fiscal year, funds needed to carry out its program(s), to adopt annual operating budgets and to establish apportionment of costs. Notice, as provided in Article III, Section (5) of these bylaws, of the proposed budget for the next fiscal year shall be sent to each Member Government in October.**

**If a quorum is not present at the semi-annual meeting to adopt the budget for the next fiscal year prior to the beginning of the fiscal year, the Executive Committee shall meet to adopt the budget prior to the fiscal year. Final approval of the budget and apportionment of costs shall take place at the next meeting of the RRWC.**

# RRWC 2018 Budget

		2017	2018	2018
REVENUES		BUDGET	PROPOSED	PROPOSED
Projected Year-End Balance - 2017 - Cash	\$ 17,500.00			
Reimbursement/Receivables - 2017	\$ 13,500.00			
Projected 2017 -Year-End	\$ 31,000.00			
<b>5210 - MEMBERSHIP DUES:</b>		\$20,000.00	\$20,000.00	\$0.00
<b>5210.5 - INDIVIDUAL MEMBERSHIP DUES:</b>		\$1,000.00	\$1,000.00	\$0.00
<b>5210.8 - CORPORATE SPONSORSHIPS</b>		\$5,000.00	\$5,000.00	\$0.00
<b>4510 - GRANT - TSN/ERB/MSU-IWR</b>		\$50,040.00	\$50,040.00	\$0.00
<b>5490.3 - RRWC APPAREL/Mugs/Maps</b>		\$500.00	\$500.00	\$0.00
<b>5220 - DONATIONS/CONTRIBUTIONS</b>		\$1,000.00	\$1,500.00	\$500.00
<b>5490.5 - EQUIPMENT/SUPPLIES/GRANT</b>		\$3,500.00	\$3,500.00	\$0.00
<b>5490.7 - MISC. INCOME</b>		\$500.00	\$500.00	\$0.00
<b>5490.9 - Reserve Funds - If Needed</b>		\$5,100.00	\$7,150.00	\$2,050.00
<b>TOTAL REVENUE:</b>		<b>\$86,640.00</b>	<b>\$89,190.00</b>	<b>\$2,550.00</b>
<b>7210 - WAGES</b>		\$12,500.00	\$12,500.00	\$0.00
<b>8110.2 - OFFICE EQUIPMENT / SUPPLIES</b>		\$3,500.00	\$3,500.00	\$0.00
<b>8170 - PRINTING</b>		\$700.00	\$700.00	\$0.00
<b>7015.2 - ADOPT - A - STREAM PROGRAM</b>		\$500.00	\$500.00	\$0.00
<b>7015.4 - SPECIAL PROJECTS</b>		\$2,000.00	\$2,000.00	\$0.00
<b>7540.2 - PROFESSIONAL SERVICES:</b>		\$2,000.00	\$2,500.00	\$500.00
<b>7540.4 - TECHNOLOGY</b>		\$1,500.00	\$1,500.00	\$0.00
<b>7540.6 - MARKETING/ADVERTISING</b>		\$2,500.00	\$2,500.00	\$0.00
<b>7015.6 - EDUCATION/OUTREACH/DEVELOPMENT</b>		\$3,000.00	\$3,000.00	\$0.00
<b>7015.8 - COMMITTEE BUDGET-\$100.00 EACH</b>		\$700.00	\$700.00	\$0.00
<b>7212 - GRANT WAGES - ERB/TSN *</b>		\$49,040.00	\$49,040.00	\$0.00
<b>7225 - SHOPTALK/REGIONAL MEETINGS EXPENSE</b>		\$1,000.00	\$2,500.00	\$1,500.00
<b>8312 - TRAVEL - GRANT</b>		\$1,800.00	\$1,800.00	\$0.00
<b>8310 - TRAVEL</b>		\$2,000.00	\$2,000.00	\$0.00
<b>8525 - CAPITAL OUTLAY</b>		\$3,900.00	\$4,450.00	\$550.00
<b>TOTAL EXPENDITURES</b>		<b>\$86,640.00</b>	<b>\$89,190.00</b>	<b>\$2,550.00</b>
<b>2017 Revenue Minus Expenditures (Projected)</b>		<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>
Projected Year-End Balance - 2018- Cash	\$ 17,500.00			
Reimbursement/Receivables - 2018	\$ 13,500.00			
Projected 2018 -Year-End	\$ 31,000.00			
<b>* ERB FOUNDATION - 2018</b>	\$ 43,140.00			
<b>* TSN = THE STEWARTSHIP NETWORK - 2018</b>	\$ 6,900.00			



# Program

## Semi-Annual 2017 Fall Meeting River Raisin Watershed Council

Thursday, October 19<sup>th</sup>, 2017  
When: 6:00PM – 8:30PM  
Where: LISD Tech Center (Adrian)

**SAVE THE DATE**  
You're Invited!

**Estimated program format as follows (unofficial times):**

**6:00 – 6:30PM:** Refreshments and Meet & Greet

**6:30 – 7:00PM:** Business & Watershed Updates – RRWC

**7:00 – 8:00PM:** “Geology of the River Raisin” – Julie Hewlett

**Biography:** Julie Hewlett, a native of the Tecumseh-Macon-Clinton area, who grew up on a farm in Macon. Obtained a BS in Geology and Anthropology from GVSU, and continued studies at U of M. She then worked as a geologist for a soils engineering firm, Bowser-Morner Inc. in Toledo, OH for 36 years. This position involved soil and rock identification, groundwater analysis, contaminant migration studies, wetland identification and permitting, and Lake Erie sediment transport studies.

**8:00 – 8:30PM:** Discussion & Closing

**Location:**  
*LISD Tech Center  
1372 N. Main St.  
Adrian, MI 49221*



**River Raisin**  
WATERSHED COUNCIL  
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***Let your voice be heard!***  
Share your ideas, questions, comments, concerns, and stories  
about the River Raisin Watershed in your communities.  
***What can we do for you? We need your input!***

[www.RiverRaisin.org](http://www.RiverRaisin.org)  
(517) 264-4754

# ***RRWC Updates - 2017***

## **Executive Director Report**

- **Membership – 2017**
- **Activities in Watershed**
- **Marketing**
- **Adopt-A-Stream**
- **“Cooling Hot Spots” Grant – GLRI – Sub-Award**
- **Farmer-Led Conservation Group**
- **ERB Family Foundation Grant**
- **Americorps NCCC**
- **River Raisin Watershed Signage**
- **RRWC Logo Tiles**

# ***RRWC Updates - 2017***

**Membership Breakdown – (63) Total Municipalities**

**Counties – (3) Lenawee, Monroe, Washtenaw**

**Cities – (5)**

**Townships – (34)**

**Villages – (8)**

**Total Paid Memberships: (50) - \$19,851.00 – (80%)**

**Corporate Sponsors: (7) - \$6,400.00**

**Individual: (21) - \$996.49**

**Total: \$27,247.49**

	2017	2016	2015
<u><b>Municipality</b></u>	50	49	49
<u><b>Corporate</b></u>	7	5	4
<u><b>Individual</b></u>	21	17	10

# ***RRWC Updates***

## **– Activities in the Watershed**

- **Outdoor Jamboree – Lake Hudson Artalicious – City of Adrian**
- **Lenawee County Fair**
- **Kayak Raffle – Sold 220 tickets - \$300**
- **Rotary/City of Adrian/RRWC – Clean-up**
- **(5) new Kayak Launches – (5) City of Adrian Parks**
- **Americorps NCCC**
- **ERB Family Foundation Grant**
- **Family Fall Celebration – Stubnitz Environmental Center**
- **Wamplers Lake Boat Wash**

# ***RRWC Updates***

- **Adopt-A-Stream**

- **20 sites which include two sites on the Saline River are sampled and typically over 40 people are involved.**

- **Dr. Martin**

- **John Farmer**

- **Carley Kratz**

# ***RRWC Updates***

- **“Cooling the Hot Spots” – GLRI Sub-Award**
  - **\$6,900 per year / 3 years – Total Award - \$20,700**
  - **Sampling/Monitoring –Nitrate/Phosphate**
  - **RRWC/MSU Water Institute/Adrian College/NRCS**
  - **Sampling began – late 2015 – Continuing this year – Properties selected to sample**

# ***RRWC Updates***

## **ERB Family Foundation Grant**

- ERB Family Foundation – MOU with MACD**
- (3) Years - \$160,00 per year – Reviewed/Renewed Annually – 2017/2018**
- RRWC - .75 FTE**
- Improving Yield & Protecting Water Quality**
- Communicate Benefits of Conservation Practices**
- Assist in Educating Landowners About BMP's**
- Promote Implementation of more Conservation**
- Recognize Farming Stewardship Through MAEAP**
- Restructure/Reorganize – Farmer-Led Conservation Groups**

# ***RRWC Updates***

- **Farmer Advisory Committee**

- **Goals**

- **Facilitate Discussion Between Michigan Farmers & Western Great Lakes Basin**
- **Provide Opportunities for Farmers to Meet & Share Information About Conservation Practices That Protect Water Quality**
- **Provide Information Where to Find Resources – Financial, Educational & Conservation Practices**

# ***RRWC Updates***

## **Americorps NCCC – Cedar Team 4**

- **Request for Community Assistance**
- **Partners – RRWC/LCCVB/City of Adrian**
- **Team began work on July 13, 2017**
- **Experience brought community together**

# ***RRWC Updates***

## **Midwest Energy & Communications - MEC**

- **Changing the Landscape Day of Action**
- **Donations**
- **\$3,000 - Kayak Launches Materials**
  - Chest Waders (4)
  - STIHL Chainsaws w/case & manual (2)
  - Loppers (6)
  - Trash Picker Grabber (1)
  - Tarps (2)

# *RRWC Updates*

## – River Raisin Watershed Signage

- (72) River Raisin Logo Signs
  - (6) MDOT Crossings
- (38) South Branch River Raisin Signs
- (22) River Raisin Signs
- (28) River Raisin Logo Signs – Kiwanis Trail Crossings
- (48) RR & RR Logo Signs Monroe Co. (12) Crossings
- (36) RR & RR Logo Signs Jackson Co. (9) Crossings
- (32) RR & RR Logo Signs Washtenaw Co. (8) Crossings
- Approximate Cost per Crossing - \$250/Materials



River  
Raisin



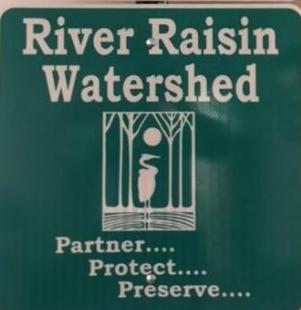
River Raisin  
Watershed



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River  
Raisin



River Raisin  
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# *RRWC Updates*



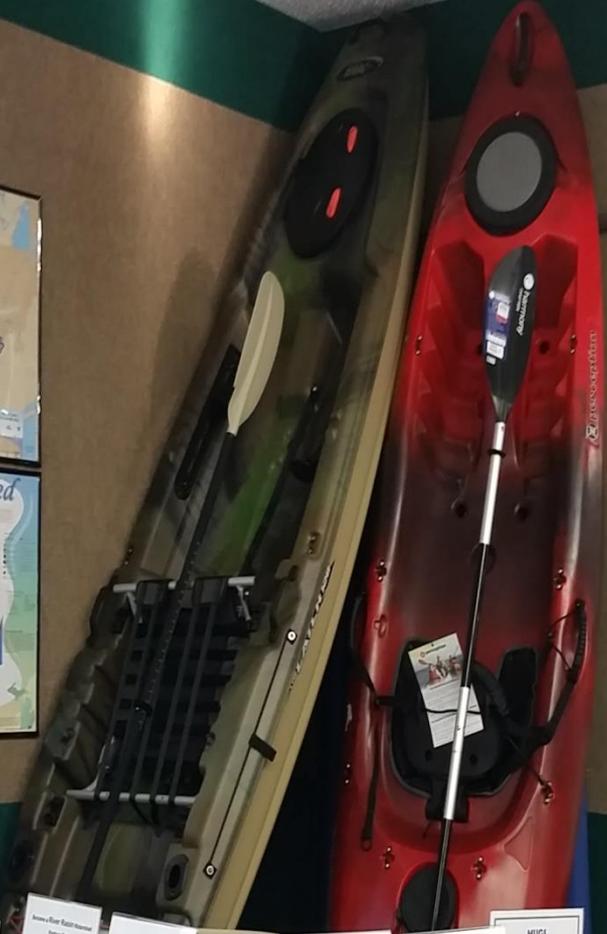


The public's trust is earned each day



IT ONLY TAKES ONE (1) TICKET TO WIN!  
GOOD LUCK!

Shirts/Hats \$10



**River Raisin**  
WATERSHED COUNCIL  
www.riverraisin.org

**KAYAK RAFFLE**

PELICAN ANGLER CATCHER 120  
w/ ANGLER PADDLE  
\$800 VALUE  
Yellow Ticket \$10 each or 5/\$50

**River Raisin**  
WATERSHED COUNCIL  
www.riverraisin.org

**KAYAK RAFFLE**

PERCEPTION PESCADOR 100  
w/ Paddle  
VALUE \$500  
Blue Ticket \$5 each or 5/\$20

**River Raisin**  
Watershed Council  
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www.riverraisin.org  
Find Us On Facebook

Water Quality  
Water  
"Farmers Protect"

2016 Kayak Raffle Winners  
Laminated SRWC Maps \$3.00 each  
Sign-up Water/Watershed  
MUGS "Free" with SRWC MEMBERSHIP OR \$5.00 each  
T-SHIRTS HATS \$10

**River Raisin**  
KAYAK RAFFLE  
PERCEPTION PESCADOR 100 w/ Paddle  
VALUE \$500  
Blue Ticket \$5 each or 5/\$20

**River Raisin**  
KAYAK RAFFLE  
PELICAN ANGLER CATCHER 120 w/ ANGLER PADDLE  
VALUE \$800  
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Get to Know the  
River Raisin

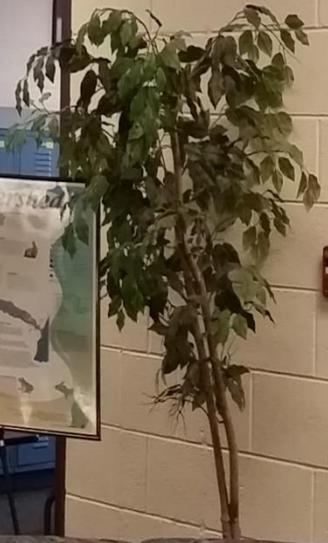
EXIT

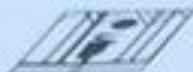


MISSION STATEMENT  
ALL INDIVIDUALS WILL BE  
CHALLENGED TO  
ATTAIN THE SKILLS  
NECESSARY TO REALIZE  
THEIR HIGHEST  
PERSONAL POTENTIAL.



A long wooden folding table covered with various informational materials, including brochures, maps, and a small white container.





www.riverraisin.org

*River Raisin*  
Watershed Council

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Preserve...

Partner...  
Protect...  
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COO...  
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Michigan's  
Western Lake Erie Basin  
Western Lake Erie Basin Initiative

MACON  
TWP

MACON  
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TWP



FRANKLIN  
EST  
TOWN

### Challenges

- Impairment recovery depends on severity/duration of algal blooms
  - Mitigation comes into play
- Algal blooms not well understood
  - What is the role of water pH?
  - What is the balance of magnesium/calcium?
  - Will more aggressive phosphorus level abatement?
  - What is the role of heavier species that change water quality?

EXIT





# ***Announcements***

- **Family Fall Celebration – 11/4/17 - 10:00 AM – 2:00 PM**
  - Stubnitz Environmental Education Center – Adrian MI
- **Volunteer Opportunity Workshop – 11/2/17 6:30 PM**
  - A.J. Smith Center 810 N. Evans St. Tecumseh, MI
- **Semi-Annual Farmer-Led Watershed Conservation Meeting – 12/7/17 – 8:00 AM**
  - Old Mill – Dundee, MI
  
- **Adjourn**



**4th Annual Stubnitz Family Fall Celebration**

**November  
4 2017**



**LISD Stubnitz  
Environmental  
Education Center**

**10:00 am-2:00 pm**  
Heritage Park, Adrian

**Live animal  
programs, guided  
trail hikes, kids'  
crafts, and  
refreshments**

For a schedule of  
programs and activities,  
visit our website:  
[www.lisd.us/seec](http://www.lisd.us/seec)

**Please save the date and join us for the  
Stubnitz Family Fall Celebration for  
people of all ages.**

**This FREE event helps us promote environmental  
education and will acknowledge all the donors of  
the 2017-18 LISD Stubnitz Environmental  
Education Program fundraising drive.**

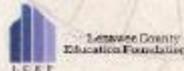
**For more information, contact Kerry Nieman  
517-265-6691 or [kerry.nieman@lisd.us](mailto:kerry.nieman@lisd.us)**



**LISD Stubnitz Environmental Education  
Programs need your support!**

**To donate online please visit: [jenaweecef.org](http://jenaweecef.org)**

**LCEF and LISD  
4107 N. Adrian Hwy.  
Adrian, MI 49221**



# River Raisin Watershed Council Hosts: Volunteer Opportunity Workshop

Thursday, November 2<sup>nd</sup>, 2017

## AJ Smith Recreation Center

810 N. Evans St.

Tecumseh, MI 49286

Directions via Google Maps: <https://goo.gl/P7QRAe>

6:30pm – 8:00pm

Light refreshments provided

The workshop is formatted with a short presentation covering an introduction & overview, which will then be followed by discussion.

### Discussion Includes:

Volunteer Opportunities

Training Need & Opportunities

Volunteer Sign Up

Ideas and Involvement in the watershed

Volunteer-based Organizational Committees



## MAKE A DIFFERENCE



River Raisin  
Watershed Council  
Partner - Protect - Preserve

320 Springbrook Ave. Suite 102  
Adrian, MI 49221  
(517) 264-4754

[www.riverraisin.org](http://www.riverraisin.org)

# SEMI-ANNUAL 2017 MEETING

## FARMER-LED WATERSHED CONSERVATION

Thursday, December 7<sup>th</sup>, 2017

When: 8:00AM – 1:00PM

Where: Dundee Old Mill – Banquet Hall

Estimated program format as follows (unofficial times):

8:00 – 8:30AM: Refreshments and Meet & Greet

8:30 – 9:00AM: Introductions

9:00 – 10:00AM: Special Guest Speaker (TBD)

10:00AM – 10:15AM: Questions & Discussion

10:15 – 10:30AM: Break

10:30 – 12:00PM: Farmer-Led Panel & Discussion Session

12:00 – 12:45PM: Lunch

12:45 – 1:00PM: Closing



[www.WaterQualityFarming.org](http://www.WaterQualityFarming.org)

(517) 264-4754

**Location:**

Dundee Old Mill  
242 Toledo Street  
Dundee, MI 48131