

WELCOME

*River Raisin Watershed
Delegates
Guests*



River Raisin

WATERSHED COUNCIL

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

RRWC 2017 Budget - YTD

		2017	2017	2017
REVENUES		BUDGET	August	Actual
NET ASSETS (As of August 31, 2017)	\$ 20,899.88			
5210 - MEMBERSHIP DUES:		\$20,000.00		\$19,851.00
5210.5 - INDIVIDUAL MEMBERSHIP DUES:		\$1,000.00	\$25.00	\$921.49
5210.8 - CORPORATE SPONSORSHIPS		\$5,000.00	\$51.00	\$3,551.00
4510 - GRANT - LCD/TSN/ERB		\$50,040.00	\$10,213.73	\$32,801.48
5490.3 - RRWC APPARELMugs/Maps		\$500.00		\$165.00
5220 - DONATIONS/CONTRIBUTIONS		\$1,000.00		\$1,463.10
5490.5 - EQUIPMENT/SUPPLIES/GRANT		\$3,500.00		\$0.00
5490.7 - MISC. INCOME		\$500.00	\$324.30	\$633.88
				\$0.00
TOTAL REVENUE:		\$81,540.00	\$10,614.03	\$61,415.05
7210 - WAGES		\$12,500.00		\$8,197.94
8110.2 - OFFICE EQUIPMENT / SUPPLIES		\$3,500.00		\$1,023.96
8170 - PRINTING		\$700.00	\$289.64	\$927.03
7015.2 - ADOPT - A - STREAM PROGRAM		\$500.00		\$0.00
7015.4 - SPECIAL PROJECTS		\$2,000.00		\$2,013.16
7540.2 - PROFESSIONAL SERVICES:		\$2,000.00	\$107.41	\$2,369.31
7540.4 - TECHNOLOGY		\$1,500.00		\$0.00
7540.6 - MARKETING/ADVERTISING		\$2,500.00	\$480.00	\$1,014.98
7015.6 - EDUCATION/OUTREACH/DEVELOPMENT		\$3,000.00	\$89.47	\$1,630.05
7015.8 - COMMITTEE BUDGET-\$100.00 EACH		\$700.00		\$0.00
7212 - GRANT WAGES - ERB/TSN *		\$49,040.00		\$20,989.00
7225 - SHOPTALK/REGIONAL MEETINGS EXPENSE		\$1,000.00		\$1,568.44
8312 - TRAVEL - GRANT		\$1,800.00	\$46.01	\$209.21
8310 - TRAVEL		\$2,000.00	\$80.79	\$864.04
8525 - CAPITAL OUTLAY		\$3,900.00		\$0.00
TOTAL EXPENDITURES		\$86,640.00		\$40,807.12
2017 Revenue Minus Expenditures (Projected)		-\$5,100.00	\$1,093.32	\$21,701.25
Balance as of September 30, 2017	\$ 30,420.59			
* ERB FOUNDATION - 2017	\$ 43,140.00			
* TSN = THE STEWARTSHIP NETWORK - 2017	\$ 6,900.00			
			\$50,040.00	

Program

Semi-Annual 2017 Fall Meeting River Raisin Watershed Council

Thursday, October 19th, 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
(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>Municipality</u>	50	49	49
<u>Corporate</u>	7	5	4
<u>Individual</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**



RRWC Updates






River Raisin
NATURAL FLAVORS
— — — — —
Shirts/Hats
\$10























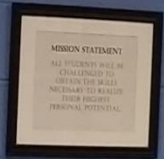
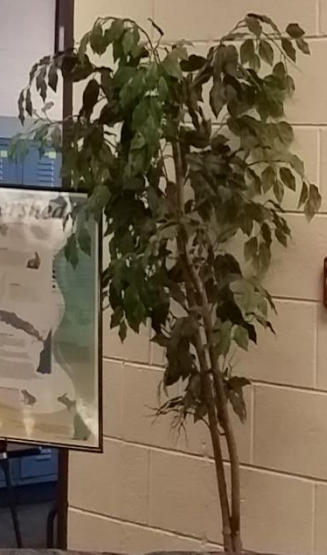






Get to Know the
River Raisin

EXIT





www.riverraisin.org

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TOW

- ### Challenges
- Impairment recovery depends on severity/duration of algal blooms
 - Mitigation cannot control this alone
 - Algal blooms not well understood
 - What is the role of water pH?
 - What is the balance of magnesium/sulfate?
 - How does water temperature affect phosphorus from sediment?
 - What is the role of massive 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 Oportunity 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

**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
317-265-6691 or kerry.nieman@lisd.us**



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

To donate online please visit: lenaweeceef.org

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



Lenawee County
Education Foundation



Lenawee Intermediate
School District

River Raisin Watershed Council Hosts: Volunteer Opportunity Workshop

Thursday, November 2nd, 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

SEMI-ANNUAL 2017 MEETING

FARMER-LED WATERSHED CONSERVATION

Thursday, December 7th, 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
(517) 264-4754

Location:

Dundee Old Mill
242 Toledo Street
Dundee, MI 48131