



Huron River Report

Published quarterly by the Huron River Watershed Council

FALL 2017



feature story

Fishing the Home Waters

Huron River becomes a destination for anglers

The naturally nutrient-rich waters of the Huron River and some of its tributaries offer great habitat for a wide variety of fish. The prize fish found in these home waters attract anglers from diverse backgrounds, using an array of fishing styles. Annually, the Huron River attracts 250,000 visitor-days for fishing, according to a study by Grand Valley State University (see article, page 10). So what are all these anglers looking for and how are they doing it? The answer depends on who you ask and where you are on the river system.

HRWC staff talk with many excited anglers about their observations, successes, failures, and ideas about improving the game fishery. This interest encourages the

establishment of bait and guide shops in the watershed (see list, page 5). Here is the angler's report.

The upper Huron

The upper headwaters of the Huron contain lakes with a variety of sizes and depths, producing a diversity of fish populations. Larger lakes like Kent and Pontiac have public access points that anglers can use to test the fishing waters. Many of the smaller lakes are private and accessible only by those owning lakefront property. Typically, anglers in the headwaters region approach by boat, floating or anchoring off shoals, underwater ridges or natural

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These big smallmouth beauties can be found at many locations along the river.
credit: Schultz Outfitters

Planning Ahead

Local governments and residents are key to the health of the Huron

The Huron River is currently the cleanest river in Southeast Michigan. This is due largely to the natural areas and open spaces that still exist within its watershed. In addition to providing homes for wildlife and beautiful vistas, natural areas provide a host of ecological services that keep the Huron River clean. Wetlands, forests, and grasslands soak up rainwater to prevent flooding and erosion; store and release groundwater that

supplies the Huron with clear, cool, constant recharge water; and filter polluted runoff before it can foul the river.

HRWC and others call this network of natural lands that provide these services the watershed's "Green Infrastructure." The ecological health of the Huron River and its tributaries depends on the ecological health of this Green Infrastructure (GI).

Given the value of these green

spaces to the watershed's health, it is important to ask, "Who controls the future status of these lands?"

Local control over land use

Over 65 different townships, villages, cities, and counties have jurisdiction within the Huron River watershed. These local governments, through their master plans and zoning ordinances, determine the location,

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● **INSIDE: UPCOMING EVENTS AND WORKSHOPS** *Economic impact of the Huron River Summer interns help protect the 'shed | Climate action at the local and regional level*





H. Buffman

As a member of the HRWC community, you know that protecting our local waters needs to happen at all levels, from your house to the White House. While you, and our partners in local and county government and the private sector, are working to clean up the Huron River system for a good quality of life, Environmental Protection Agency (EPA) Administrator Scott Pruitt is working to roll back the Clean Water Act. It is critical for us and you to speak up on this action and voice our opposition.

The current administration is rushing through a repeal of the Clean Water Rule

First, let me explain the Clean Water Rule. In 2015, the previous administration clarified and finalized protections for streams and wetlands across the country. These safeguards protected the small streams that feed the drinking water sources for nearly 1 in 3 Americans. They protected wetlands throughout the nation that filter pollutants from water, absorb floodwaters, and provide habitat for countless wildlife. In fact, industry and other permittees asked for this clarification as an end to regulatory confusion about which of the country's waterways the Clean Water Act protects. The rule was supported by millions of Americans.

The Clean Water Rule followed a robust public process. Before finalizing the Clean Water Rule in 2015, EPA held more than 400

meetings with stakeholders across the country and published a synthesis of more than 1,200 peer-reviewed scientific publications, which showed that the small streams and wetlands the Rule safeguards are vital to larger downstream waters.

Administrator Pruitt does not want to implement the Clean Water Rule. Instead, he plans to rush through the repeal of the Clean Water Rule this year, then propose and finalize a less protective rule in less than a year. President Trump signed an Executive Order instructing the EPA to propose a new rule based on former U.S. Supreme Court Justice Scalia's opinion of which waterways the Clean Water Act protects. A rule following Scalia's interpretation would result in drastic exclusions of wetlands and streams from protection; fewer than half of wetlands and fewer than 40 percent of streams would receive federal protection. If that scenario comes to pass, then the nation's waters will be less protected than they were in 1975!

Pruitt is also supported by lobbyists for oil and gas producers, homebuilders, and farm bureaus who oppose the Clean Water Rule.

So, we feel that our right to clean drinking water is in jeopardy. Rolling back the rule will result in the same regulatory confusion that resulted in broad-based calls for clarity about which of our nation's waterways the Clean Water Act protects. Rolling back the rule is bad governance, bad for businesses who rely on regulatory

certainty, and bad for our communities that deserve clean water.

Michigan's rivers play a key role in economic and community building. Here in the Huron River watershed, we know the value of a healthy river system that includes healthy wetlands and smaller feeder streams. The river and water trail are conservatively estimated to have the following economic impact:

- \$53.5 million in annual economic output (direct, indirect, and induced spending)
- \$628 million in added property value
- \$150 million in annual environmental value (such as clean drinking water, wetlands and floodplains that prevent flooding, and forested riverbanks that foster rich fisheries and healthy streams)

HRWC is part of a coalition fighting rollback to clean water protections. While the public comment period is closed, I hope you'll continue to join us in speaking out in opposition to these actions. Write to EPA Administrator Pruitt, and President Trump supporting greater protection of clean water and healthy rivers and streams.

— Laura Rubin
HRWC Executive Director

What does all of this mean for Michigan? In theory, Michigan would be less impacted because we have our own statute on wetland regulation. While Michigan has clear specifications for wetlands regulations, Public Act 98, enacted in 2013, added a few provisions regarding "contiguous" that allow for the general rule to be challenged. Specifically, there is now an exclusion for wetland areas that become contiguous to a waterbody created as a result of commercial excavation for sand, gravel or mineral mining – i.e. no longer subject to regulation solely because the wetland is contiguous to the created waterbody. In addition, there is a provision that states "a wetland is not contiguous to the Great Lakes, Lake St. Clair, an inland lake or pond or a river or stream if the Department determines that there is no direct physical contact and no surface or interflowing groundwater connection to such a body of water."

These exclusions give the Michigan Department of Environmental Quality (MDEQ), who implements and enforces the state wetland regulation program, quite a lot of discretion to make permit determinations. This means that politics, funding, and staff appointments may have an undue influence on MDEQ's proclivity to running a protection-focused program varies.

If the Clean Water Rule is rolled back and repealed by the US EPA, Michigan will be under even more political pressure to broaden the above exclusion to more than just sand/gravel/mineral mining companies. Already, the Farm Bureau and the Chamber of Commerce are seeking to correct deficiencies with the state program because they expect the federal program will be weakened under the current Administration.



HRWC Fun

Getting out on the Huron River is a summertime favorite!



Over 50 swimmers joined HRWC Executive Director Laura Rubin for our annual open water River Swim where the Huron flows through Baseline Lake in Dexter. credit: HRWC



River lovers from all over southeastern Michigan celebrated the Huron at Gallup Park in Ann Arbor at **Huron River Day** in July. credit: HRWC



Staff **Kayak-Commuter** to the HRWC office for the Get Downtown Com-muter Challenge in May. credit: HRWC



In June HRWC staff and interns **Toured the Huron** on a Voyager Canoe at Oakwoods Metropark led by Southern District Interpretive Supervisor, Kevin Arnold. credit: HRWC



HRWC hosted an information booth and bug examination station at **Huron River Day** at Gallup Park. Kayak trips were also a popular activity! credit: HRWC and L. Banks



YMCA campers **Snorkeled the Huron** in Ypsilanti's Riverside Park with HRWC and Michigan Sea Grant. credit: AAYMCA



HRWC volunteers helped out with a **Bug Show & Tell** at the Metroparks Summer Fun Days. credit: HCMA



Fly fishing for smallmouth bass in the middle section of the Huron River. credit: HRWC

cover, and casting in with spin rods with a variety of baits, or trolling with swimming baits. Other anglers are happy shore-fishing off the banks of Kent Lake or just downstream of the dam. According to fish surveys by the Michigan Department of Natural Resources (DNR), Kent Lake contains good populations of largemouth bass, northern pike, and walleye. Upstream lakes (like Cedar Island, Pontiac, and Big Lake) have large populations of bluegills and sunfish, while largemouth bass, yellow perch, northern pike, and walleye are increasingly rare. Stocked populations in Proud Lake draw hundreds of anglers each year.

Chain of Lakes

Downstream of Kent Lake Dam, the river meanders gently through Island Lake State Recreation Area before reaching a stretch known locally as the "Chain of Lakes." The river is not fished heavily in this area, but the lakes are quite popular. The Chain of Lakes (including Ore, Strawberry, Zukey, Gallagher, Baseline, and Portage lakes) have healthy populations of largemouth bass, sunfish, yellow perch, rockbass, channel catfish, and carp (for those into dumb, heavy lunkers). Limited numbers of smallmouth bass, northern pike, and walleye can also be found. Boat fishing methods are preferred in these lakes, and

numerous isolated holes offer hiding places for fish. Ice fishing is popular in the winter (see *Huron River Report Winter 2016*).

Huron River from Flook Dam to Barton Pond

The next section of the river below Flook Dam all the way to Barton Pond offers some of the best smallmouth bass fishing in all of Michigan. The fishery is so well thought of that the river is designated as catch-and-release only for smallmouth and largemouth bass between the (former) Mast Road and Delhi Road bridges. This allows the bass to grow to tremendous age and size. The guides know some of the oldest and biggest fish by names such as "Half-Face" and "Heronbait," and estimate ages of 15 to 16 years. "The smallmouth are a native fish worth protecting," says Schultz Outfitters guide Jay Wisnosky. "The fish are challenging to catch, but worth the effort. Protection efforts have really shown results over the last five years or so." Each year Schultz Outfitters sponsors a fly-fishing "tournament" fundraiser for HRWC called "Huckin' for the Huron," and the winner often comes from this section. Note that smallmouth and largemouth bass are protected by catch-and-release

regulation everywhere in the state from January through May, promoting reproduction.

Generally, the approach in this section of the river is by fly casting, considered by many a form of art as much as technique. Guide shops offer lessons for those interested in giving it a try. A few experienced anglers use tailored floats or kayaks to fish this section of the Huron.

The urban river and impoundments

Despite the encroachment of urbanization on the river through Ann Arbor and Ypsilanti, much of the riparian corridor remains relatively undisturbed. River fishing can be quite good near Island Park and Nichols Arboretum in Ann Arbor, and Riverside Park in Ypsilanti, at least when not in peak paddling season. Painted Trout guide Dirk Fishbach says "I could blindfold someone, drive 20 minutes, and put them in the Huron and they would think they were up north. It's that nice, and the diversity of fish just adds to the experience." Ford and Belleville lake impoundments are home to a good diversity of sport fish populations. With persistence, just about any warm-water fish of interest can be found.

Many anglers cast from dams or docks in this middle section of the Huron River. While fly and boat anglers fish for sport and choose to release their catch, shore and dock anglers tend to target fish for consumption. Fish can be a great source of protein, yet anglers should be aware of fish consumption guidelines due to accumulated mercury and other chemicals in many waters across Michigan. Search the internet for Michigan's "Eat Safe Fish Guides" for more information.

The lower Huron

Downstream of French Landing Dam, the river changes significantly from a fish's perspective. The water is bigger and faster and nutrient-rich, with many deep hiding holes. This section promotes a greater number of larger, older fish. All the predatory species mentioned above (i.e. bass, walleye, and pike) can be found here, but it is

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Fishing the Home Waters *continued from previous page*

more difficult to find wadeable areas so most anglers will use a trawling boat or fishing kayak/canoe to fish the lower stretch of the river.

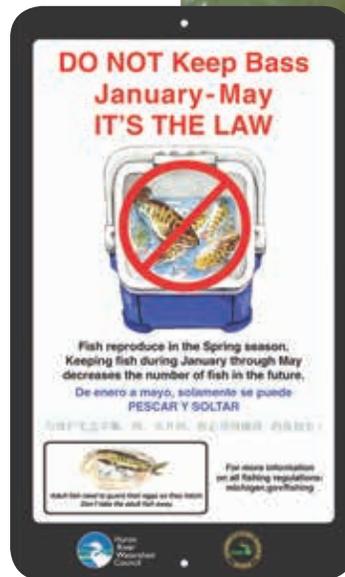
Below Flat Rock Dam the Huron experiences an annual spawning run of non-native steelhead (rainbow trout). These fish live most of their mature lives in Lake Erie where they feed and grow to great size (20 pounds or more). They come back to their birth waters in fall or spring to spawn before returning to the big lake. Anglers flock to the lower Huron River waters during this spring spawning run and, typically, MDNR fish reports list the Huron run to be the most productive in all of Southeast Michigan. There is also a run of native white bass at the same time. A "fish ladder" was installed at the Flat Rock Dam in 1997 to allow these potamodromous fish to get above the dam to spawn. Success was limited and the ladder is not currently functioning.

Overall, the diversity of fish species, age-classes, and water types in the Huron River watershed provides for exciting fishing opportunities all year-round. "It gives me great joy to think that my ten-month-old son has a chance to catch a fish I released this year," says Wisnosky. Thanks to years of protection efforts, that may be also true for many others as well.

—Ric Lawson



Catch-and-release designations for smallmouth bass allow them to grow to tremendous size. credit: Schultz Outfitters



FISHING RESOURCES

For information and advice on equipment, bait, fishing conditions, or just to hear some tall tales, contact these shops and associations:

- Schultz Outfitters in Ypsilanti www.schultzoutfitters.com
- The Painted Trout in Dexter www.paintedtrout.com
- River Traditions in Highland Township. Just bait and equipment; no guides. www.rivertraditions.com

- Additional outdoor stores supply equipment and bait, as well. Search the MDNR site for a regional list of bait shops.
- The Ann Arbor chapter of Trout Unlimited has good local information: www.annarbortu.org. Check out their Mill Creek Project page.
- The Huron River Fishing Association in Flat Rock schedules regular meetings, events and trips. www.huronriverfishing.com
- www.michigan-sportsman.com provides an online forum for advice.

Videos as learning tools

For some great films illustrating many aspects of the angling experience, search for the Fly Fishing Film Tour (F3T) on Amazon.

Keep it legal

Get the "Michigan Fishing Guide," the MDNR's annual guide for all fishing restrictions and license requirements. Take advantage of the Free Fishing Weekends in February and June to try fishing for FREE, no license required.

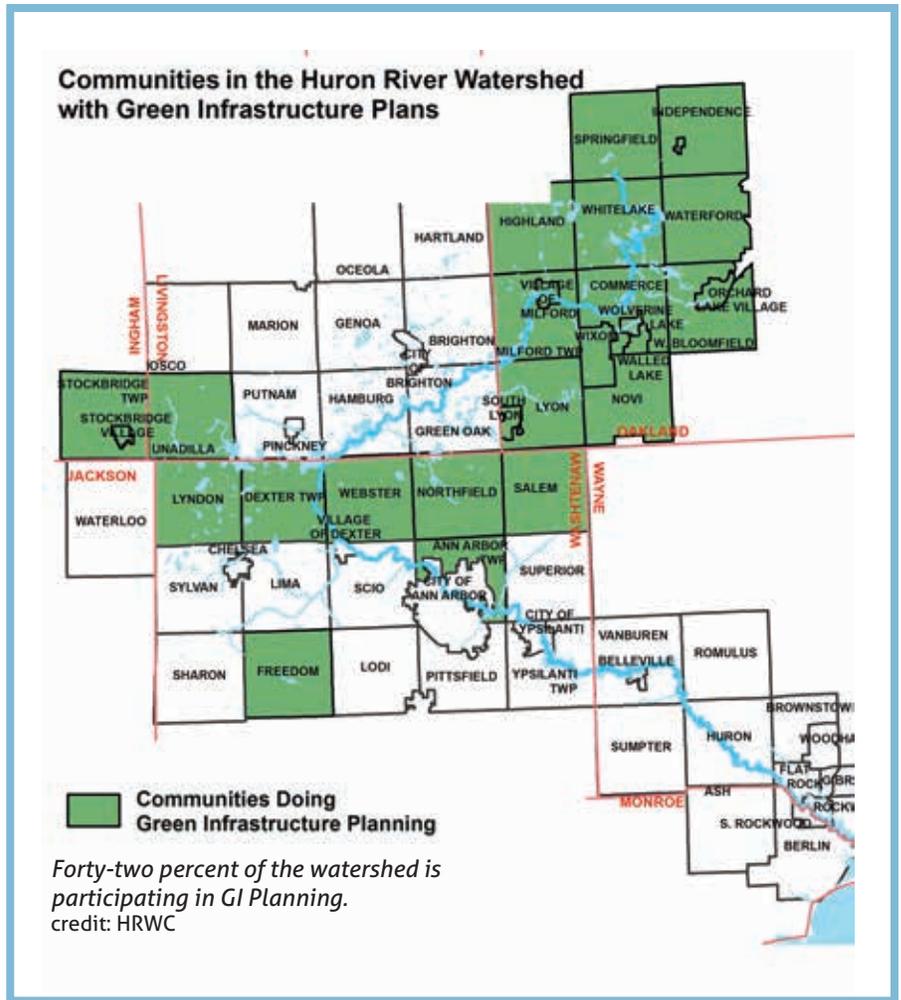


density, and design of all of the different land uses that exist and will be built in the future.

GI planning with local governments

HRWC works with local governments to plan their land uses for compact, livable neighborhoods while minimizing impacts on GI. So far, HRWC has worked with 19 local governments, including all of those in Oakland County (as part of a GI program run by Oakland County Planning), holding design sessions at which local officials and residents study maps of their natural areas, water resources, and recreational areas, and create maps showing their GI natural area networks. These maps are then incorporated into many local government master plans to guide development in ways that maintain vital GI networks.

After each GI mapping workshop, HRWC reviews the local government's zoning ordinance and master plan, recommending specific changes to make the rules more "river-friendly." In the past three years, Webster, Lyndon, Dexter, and Unadilla



Participants in Freedom Township's GI Design Session mapping out their Green Infrastructure network. credit: HRWC



townships have increased protections to streams and lakes by requiring that new construction has setbacks from local creeks and the Huron River. Webster and Unadilla have gone even further in protecting their waterways, requiring all development to be set back 100 feet, and requiring the preservation of all naturally vegetated buffers along waterways. At time of publication, Northfield, Freedom, and Salem townships are reviewing HRWC recommendations for similar ordinance changes.

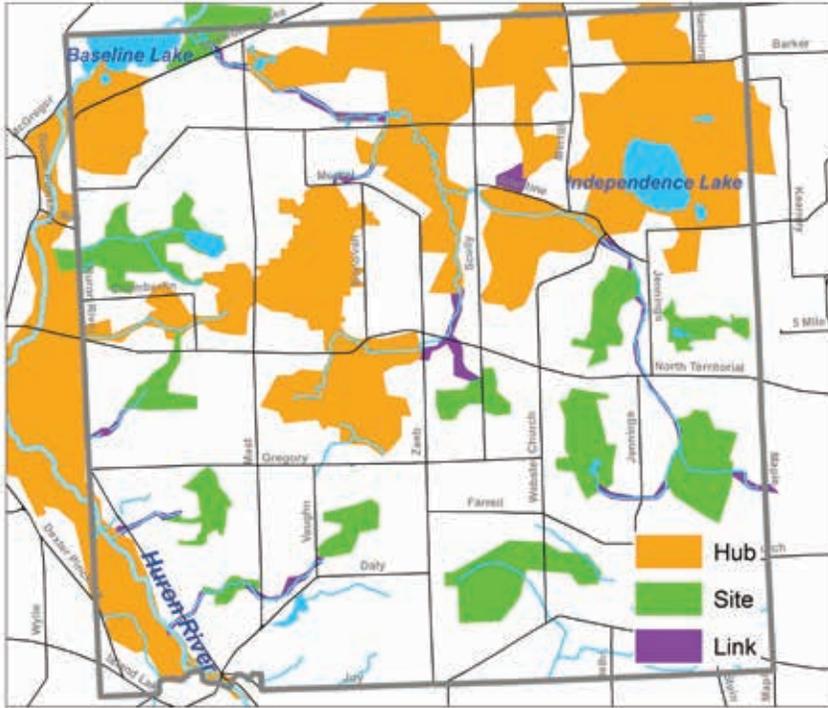
In addition, Northfield and Salem townships have stepped up efforts to promote natural area and farmland protection through land protection initiatives. Freedom and Dexter townships are considering such initiatives. Webster and Lyndon are both interested in working with

HRWC in developing policies to transfer allowable development densities from their rural areas to more urban areas in their townships.

Become a Change Maker

Every local government needs engaged citizens in their community to promote river-friendly land use policies that protect water resources and natural areas. Thanks to funding from the Americana Foundation, HRWC will hold free, one evening long courses throughout the watershed to educate and inspire residents who wish to get involved with supporting these policies. We will hold these empowering Change Maker crash courses in early 2018.

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Webster Township included this map of its Green Infrastructure Network in the master plan. **Hubs** are large natural areas that anchor the Green Infrastructure Network and provide an origin and destination for wildlife. **Sites** are smaller areas that provide habitat and ecosystem services. **Links** connect hubs and sites. credit: HRWC

After taking the course, participants will have tools and information to join colleagues and other community leaders, at any level of involvement their schedules allow, in developing river-friendly policies. The course will cover:

- The importance of river-friendly policies at the local government level to maintain watershed health.
- How residents can promote those policies in their local governments.
- How to participate in a master plan revision process. Communities must revise their master plan every five years and are required by law to involve the public in that process.
- How to comment on zoning ordinance amendments. Zoning ordinance amendments require time for public participation and comment.
- How to participate in natural features or creek group committees.
- How to comment on specific developments during a site plan review session.
- How to get appointed to a planning commission, wetlands board, or natural features committee.
- How to run for the local government Board of Trustees or Village or City Council.

Be a Change Maker! If you are interested in attending one of these workshops, please contact Kris Olsson, Watershed Ecologist.

—Kris Olsson



These Salem Township residents serve on their Land Preservation and Conservation Board, advising the Township on land policies that protect clean water and the ecological health of the Huron River. credit: HRWC

Founded in 1965, the Huron River Watershed Council (HRWC) protects and restores the river for healthy, vibrant communities.

HRWC coordinates programs and volunteer efforts that include pollution prevention, hands-on river monitoring, wetland and floodplain protection, public outreach and education, and natural resources planning.

Individuals, local businesses and more than 40 communities support HRWC's work through voluntary membership.



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The Huron River Watershed



For additional, detailed maps please go to: www.hrwc.org/the-watershed/maps



Anne Savage Photography

Front row: Rebecca F, Rebecca E., Jennifer, Elizabeth and Margaret.
Middle row: Pam, Laura, Kris, Paul, Anita and Stevi.
Back Row: Jason and Ric.

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RiverUp!

RiverUp! is a campaign to restore and revitalize the Huron River. It is the Huron's signature place-making initiative that seeks to transform the river corridor into a premier destination in Michigan and the Great Lakes. HRWC leads this public-private partnership and executes projects that improve river health, recreation access, and water-based investments in local economies. www.riveruphuron.org

What's the Economic Impact of the Huron River?

The Huron River contributes enormous benefit to the local economy. That is one of the key takeaways from research conducted by a research team with Grand Valley State University. Their work, supported by HRWC and the RiverUp! initiative, represents a significant step forward in quantifying the economic value of the Huron River corridor and the Huron River National Water Trail.

Key Findings

The Huron River and Huron River National Water Trail are conservatively estimated to have the following economic impact on the five-county region in which they are located:

- \$53.5M in economic output (\$29.9M direct + \$23.6M indirect) annually
- \$150M annual economic value of ecosystem services provided by the Huron River
- \$3.8B total economic value of services provided by the Huron River
- 2.6 million visitor days

The team followed a two-part approach to understanding the value of the Huron River: measure the river's economic impact using visitor and business surveys; and assess the positive benefits of the Huron River watershed to people, also known as "ecosystem services." The Huron River supports recreation, tourism, and business activities that greatly support the local economy. The majority of this spending is driven by outdoor activity around or near the water. The second part of the study estimates the ecosystem value of the Huron River. Nature provides vital contributions to economic and social well-being that are often not traded in markets or fully considered in land use, business, and other economic decisions. In the case of a river, these contributions include protection against erosion and flooding, habitat for diverse birds, fish, and mammals, and cultural and aesthetic benefits that come from people's interactions with nature.

Multi-tasking. Photographers and boaters value the Huron as a resource. credit: HRWC



Why conduct this study?

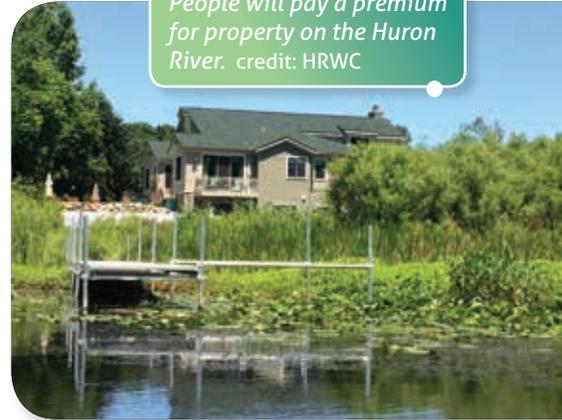
The study provides robust baseline information about who is using the river and the trails along it, how the downtowns and businesses near the river relate to it, and how the value of maintaining the river corridor's natural features can be quantified in dollars. As a result, HRWC and its partners can now make more targeted investments in river restoration and protection, track changes in uses and values over time, and offer a potent tool for engaging new partners.

Measuring the economic impact of the Huron River will benefit local partners as well as similar placemaking efforts and water trails around the country. A 2015 survey of impact studies for water trails by the National Park Service found only three reference studies, one of which was a 2013 Washtenaw County-focused study of Huron River recreation. Water trails in Michigan and other National Water Trails are ready to learn from findings on the Huron River.

To read the Executive Summary and full report, visit www.hrwc.org.

—Elizabeth Riggs

People will pay a premium for property on the Huron River. credit: HRWC



Annual Visitor Spending

Activity	Spending
Meals	\$ 9,715,529
Shopping	\$ 2,018,835
Lodging	\$ 7,957
Transportation	\$ 2,110,006
Gear Rental	\$ 7,838,058
Other	\$ 808,951
Total	\$22,499,334

Estimated total direct spending by visitors to the Huron River, compiled from a study by Grand Valley State University. credit: HRWC



Taking Climate Change to the Next Level

The role of regional entities to amplify local action on climate

It came as a blow to many when President Trump pulled the United States out of the Paris Agreement on climate change. The Agreement took decades to develop and garner support for—and, on October 5, 2016, the world let out a collective sigh of relief that countries had committed to take action to reduce greenhouse gas emissions and to prepare for the impacts of climate change. With this move, the United States joins only two other countries on the planet that are not part of the agreement—Syria and Venezuela (which believed the Agreement was not strong enough).

It was easy to lose heart the day Trump made the announcement, but since then there has been a lot of hope to be found. Within days, coalitions of governors, mayors, businesses, investors and universities formed. Their memberships grew quickly, with each group pledging to uphold the commitments of the Paris Agreement, with or without federal support. At the time of this writing, 17 Michigan mayors (including the Huron River watershed cities of Ann Arbor, Ypsilanti and Rockwood) and three universities have made commitments to uphold the Agreement. More than ever, Americans are acknowledging that climate change is not just a *federal* issue, but a *national* issue of importance to every state, every municipality, every entity, and every individual.

Regional strength

Individual municipalities can make significant gains, but think about the impact achievable through regional efforts! Consider water. The biggest climate-related threats to Southeast Michigan residents are extreme rain events and associated flooding and pollution, which must be addressed regionally. Water knows no political boundaries and recognizes no political affiliations, thus it depoliticizes climate change. Acting on behalf of clean, plentiful water is something most people support. One community's action (or inaction) affects all other communities

Damaging floods are increasing in Michigan as the global climate changes. In 2014, the Detroit area experienced flooding that closed roads and businesses and damaged homes resulting in a Federal disaster declaration. Regional entities are playing a role in preparing for and responding to events like these in the future. credit: Michigan State Police Emergency Management and Homeland Security Division



downstream. It is important to consider the role of regional entities like HRWC as the nation looks to create a way forward in the absence of federal leadership.

Regional coordination around issues like water, transportation, land-use, and natural resource protection will amplify municipal efforts to curb greenhouse gas emissions and protect communities from climate impacts. Here are a few examples of how regional efforts can lead to accomplishments that no single municipality could achieve:

- HRWC facilitates a network of dam owners and operators to consider the impacts of drought and extreme rain events on the river ecosystem, recreation, and public safety. HRWC is working to use dams in ways that reduce vulnerabilities.
- The Washtenaw County Water Resources Commissioner has aligned stormwater management practices across municipal boundaries to reduce risks associated with more rainfall and larger rainfall events, such as stormwater infrastructure failure and increased polluted runoff.
- The Ecology Center coordinates the Partners for Transit effort

to achieve viable regional transportation networks that allow alternative transportation options to and from the Ann Arbor area. The effort is part of the larger Regional Transit Authority of Southeast Michigan. Efficient transportation systems can dramatically reduce greenhouse gas emissions.

- The Southeast Michigan Council of Governments (SEMCOG) is developing a regional water resources plan and has established a Climate Resilience Workgroup to support that effort. The plan will identify priority water resource issues for the region, and include ways to address those issues.

Strategies that reduce the magnitude of global climate change and protect communities from the consequences of inevitable change require action at all levels of government and across sectors. HRWC and organizations like it continue to step up and coordinate across political boundaries on aspects of the climate fight that are inherently regional.

—Rebecca Esselman



calendar
of events

HRWC Events and Workshops

SEPTEMBER • OCTOBER • NOVEMBER • 2017

SUDS on the RIVER!

Thursday, September 14, 6-9pm

Kick off your fall with this favorite HRWC event. Enjoy specialty beers, delicious food, and great company as you celebrate the Huron River.

Details and tickets: Rebecca Foster (734) 769-5123 x 610 or rfoster@hrwc.org

Ypsilanti Fall River Day

Sunday, September 24, noon-3pm, Riverside Park (north end), Ypsilanti

Paddle trips to Ford Lake, family-friendly activities and exhibits, a nature walk, a tour of the new mural at Frog Island Park, Huron River history and more. Hosted by the Ypsilanti Parks & Recreation Commission and featuring HRWC and the Huron River Water Trail, Leslie Science & Nature Center, City of Ann Arbor Canoe Liveries, and others.

Information: www.ypsiparks.org

Big Foot Small Print Trail Run

Saturday, September 30, 8am-noon, Independence Lake County Park

Join us for a 4-mile trail run and 1-mile kids' fun run hosted by the Washtenaw County Parks & Recreation. Proceeds help support the work of HRWC to restore and protect the Huron River.

Registration and pricing: www.parksonline.ewashtenaw.org

River Roundup

Saturday, October 14, 9am or 10:30am, lasts 3-4 hours

Teams meet at NEW Center and travel throughout the watershed

Join a small team with your friends and family for this popular event. Collect a sample of the bugs (benthic macroinvertebrates) that live in our streams. Like canaries in a coal mine, these creatures tell us the health of the river.

Registration (required): www.hrwc.org/roundup

Board Meeting

Thursday, October 19, 5:30pm, NEW Center, Ann Arbor

Details: lrubin@hrwc.org

Michigan Aquatic Restoration Conference

Friday, October 25-27, Boyne Mountain Resort, Boyne Falls, MI

This conference is for aquatic restoration professionals and those interested in the field. Areas of focus will include policy, funding, planning, aquatic and riparian restoration, and dam removal. HRWC is one of the organizers.

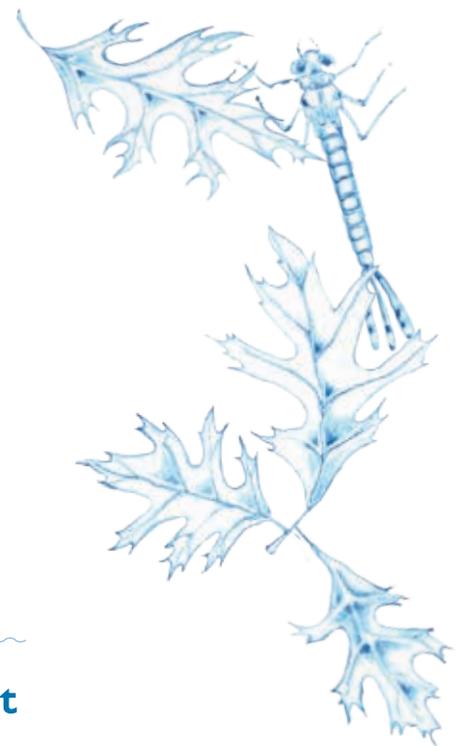
Details and registration: www.michiganstreams.org

ID Day

Sunday, October 29, noon or 2pm start, lasts 2 hours, NEW Center

Discover what kinds of bugs were found at the River Roundup, separate them into look-alike groups and then an expert will identify them with you. Record the data and compare the results to last year.

Registration: www.hrwc.org/id-day



Clear space on your bookshelves and support HRWC through Books by Chance – it's easy!

Contact Rebecca Foster at (734) 769-5123 x 610 or rfoster@hrwc.org



2017 Summer Interns Get the Job Done!

HRWC appreciates their contributions and commitment



credit: HRWC

HRWC has been able to get an extraordinary amount of work done - in the field and in the office - this summer, thanks to:

Zak Beaty
Griffin Beck
Minali Bhatt
Max Black
Shauna Brown
Joseph Colasanti
Trina Dhar

Rowan Elowe
Leanna Hoyer
Robert Keast
Carly Keough
Jocelyn Marsack
Nicole Nadasen
Katie Nailos

Megan Pendleton
Kaitlyn Pritchard
Joseph Proietti
Eric Robinson
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