

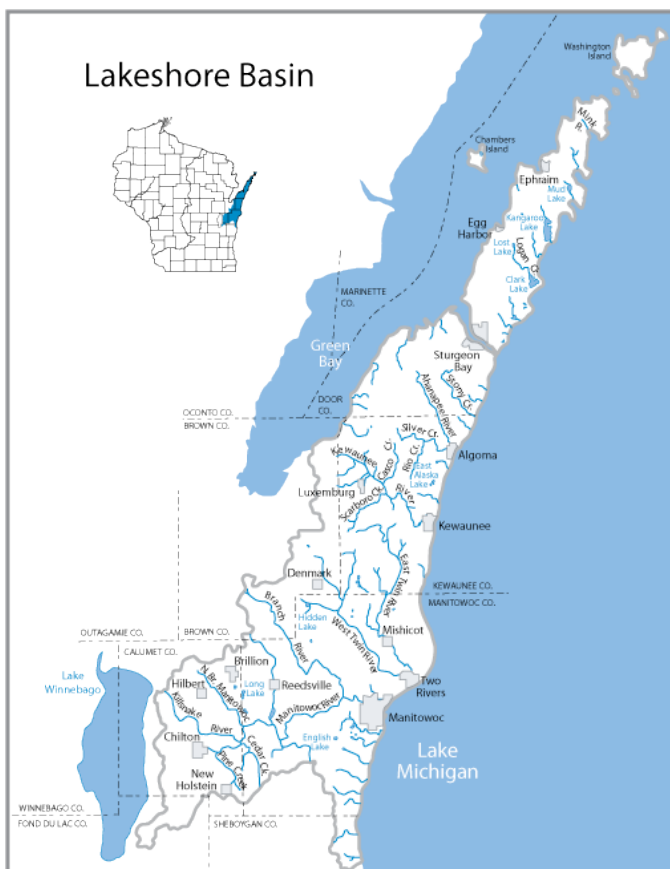
LNRP
P.O. Box 62
Sturgeon Bay, WI 54235



The Lakeshore Natural Resource Partnership, Inc.

Wisconsin Department of Natural Resources River Planning Grant RP-221-12

Building Capacity for the Friends of Hika Bay



Final Report

December 20, 2012

**Jim Kettler,
Executive Director**



Friends of Hika Bay

Calvin, Pine, Point, Fischer & Centerville Watersheds

River Planning Grant RP-221-12

July 1, 2011 through December 31, 2012

Building Capacity for the Friends of Hika Bay

We had a very busy and productive 2011-2012! First and foremost was the completion of the construction phase for the restoration of Centerville Creek. The stream channel reconstruction was completed fall 2012 with funds from the Sustain Our Great Lakes grant program and a donation from Cleveland State Bank. Additional funds came from members and private donations. The project will be completed in spring 2013 with the final native landscaping of both the Centerville Creek corridor and the Hika Sands property.

A series of articles that appeared in the LNRP newsletter The Source is available online at www.LNRP.org.

We started this year's work with a presentation on November 3, 2011 sharing the data from 2011 sampling on Centerville Creek. Our partnership with UW Manitowoc grew in 2012 with four interns sampling in all five watersheds (Centerville, Fischer, Point, Pine, and Calvin). We had 10 sample points on Centerville Creek, 8 sample points on Pine Creek, and 3 sample points on Fischer, Point, and Calvin Creeks. The summer drought limited our sampling but results showed that rain events are critical to managing agriculture. LNRP hosted a presentation by the interns on November 7, 2012. Starting the evening were Executive Director, Jim Kettler who presented on developing a sense of place and Water Quality Chair, Russ Tooley who presented on citizen science.

In February 2012, LNRP hosted a strategic planning meeting for the Friends of Hika Bay. Members developed and ratified a five-year work plan. Our guest speaker was John Nelson from the Nature Conservancy who shared his perspectives on the project he is leading in the Sheboygan River Basin on reducing phosphorus loads in the agricultural community.

We had two invasive species workshops in April and August 2012. Tom Ward, LNRP Board Secretary and Invasive Species Specialist, presented two trainings in which the Friends of Hika Bay and other community members studied the appropriate methods for detecting, preventing, and treating invasive species. The first focused on garlic mustard, honeysuckle and buckthorn. The second focused on phragmites and Japanese knotweed. We explored the area in which work is planned and discussed further trainings. We have established a link on the Hika Bay website for invasive species removals to be documented. Many volunteers have been spending hours in invasive species removal throughout the Hika Bay region. A call is going out to all landowners in the five watersheds to identify invasive species and then contact LNRP who will organize collective funding for a licensed applicator where necessary or organize a volunteer removal team.

In April 2012, LNRP presented an update on the project as part of a panel hosted by the Lakeshore Technical College. The panel included Deb Beyer from the Sheboygan River AOC and Tim Campbell from UW Sea Grant.

In August 2012, LNRP representing the Village of Cleveland presented to the Wisconsin Wastewater Operator's Association the work on Centerville Creek as well as hosting a tour of the site.

As part of our 2012 barn dance, LNRP hosted a seminar by Will Allen. The founder and CEO of **Growing Power Inc.**, a farm and community food center in Milwaukee, Wisconsin, Allen is widely considered the leading authority in the expanding field of urban agriculture. At Growing Power and in community food projects across the nation and around the world, Allen promotes the belief that all people, regardless of their economic circumstances, should have access to fresh, safe, affordable and nutritious foods at all times. Using methods he has developed over a lifetime, Allen trains community members to become community farmers, assuring them a secure source of good food without regard to political or economic forces.

Jon Guntow was the guest speaker on a November 2012 seminar that focused on Ridge Swale ecosystems and the application of best management practices to the Hika Sands property in Hika Park.

LNRP received a grant from the National River Network for the WaterGrass database and has entered all members, business prospects and other contacts for the Friends of Hika Bay.

Our www.hika-bay.org website got a major upgrade this year thanks to the efforts of Russ Tooley. We can now track the volunteer efforts for invasive species removal. Additionally, all water quality data is on the site.

Finally, we are very proud to announce that LNRP and the Friends of Hika Bay were awarded the UW Chancellor's Wisconsin Idea Award. The ceremony was held in Madison on September 20, 2012.

Description of actual project products and deliverables:

- The Source (LNRP's newsletter) had multiple stories focused on the Friends of Hika Bay
- A membership developed Work Plan
- Community Engagement on Water Quality 2011 at UW Manitowoc
- Community Engagement on Water Quality 2012 at UW Manitowoc
- Seminar on reducing phosphorus loads from the ag sector by John Nelson from The Nature Conservancy
- Invasive Species Workshop by Tom Ward on Garlic Mustard, Honeysuckle, Buckthorn
- Invasive Species Workshop by Tom Ward on Phragmites and Japanese Knotweed
- Seminar on bridging the urban and rural by Will Allen from Growing Power
- Outreach via LTC and the Village of Cleveland
- Water Quality Sampling on Calvin, Pine, Point, Fischer, Centerville Creeks
- WaterGrass is the database LNRP used to create the Fund for Friends of Hika Bay with members, businesses, etc.
- Friends of Hika Bay website at www.hika-bay.org where we host the real time water quality data and have also created a log for volunteer hours on invasive species eradication.
- UW Chancellor's Wisconsin Idea Award



Friends of Hika Bay

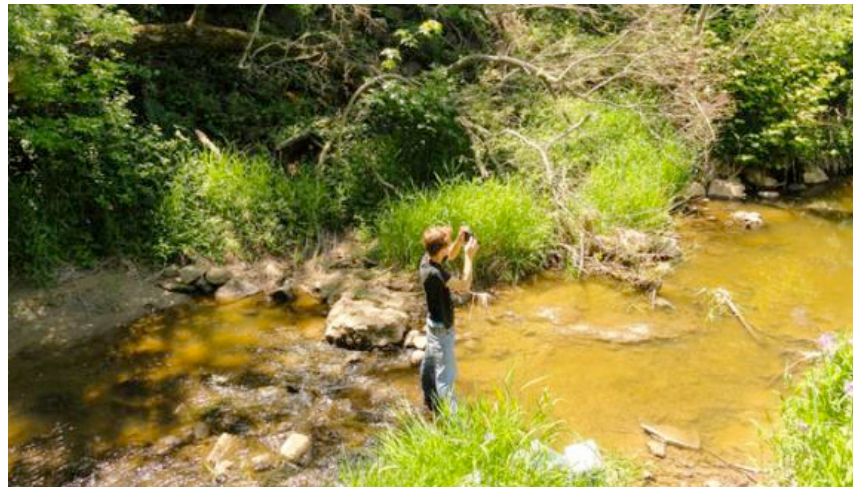
Calvin, Pine, Point, Fischer & Centerville Watersheds

Newsletter Stories

Fall 2011

Centerville Creek Water Quality

Throughout the summer, LNRP has engaged an UW Manitowoc Intern to sample water quality on Centerville Creek. Ethan Poling has done a great job and has sampled seven points from June to September. You can see the data as well as Ethan in the field on the



Hika-Bay.org website. Construction on restoring the stream channel should begin this fall. Bids will be let out as soon as the design passes through the DNR permitting process. The Friends of Hika Bay have also been clearing invasive species from the north end of Hika Park. The Hika Bay Working Fund has raised almost \$4,000 this year for water quality sampling and invasive species removal work. If you'd like to help out or join the Friends of Hika Bay, contact Jim Kettler at 920-304-1919 or jim@lnrp.org.

Winter 2012

Protecting and Restoring Calvin, Pine, Point, Fischer, and Centerville Watersheds

Much is happening along the Lake Michigan shoreline in the area of Hika Bay! Since establishing themselves in April and developing a mission statement, the Friends of Hika Bay have been working on a number of initiatives. The group has been exploring a



spectrum of plans to restore and rehabilitate the millpond, establish a recreational and environmental corridor along the lakeshore, and enhance Hika Park through a series of educational, recreational, and cultural facilities.

This autumn, the Centerville Creek Restoration Project took another step forward in going through the DNR approval process with a public hearing. As soon as final approval is given, construction on restoring the creek can begin.

Meanwhile, Ethan Poling, an intern, sampled weekly at six sites on Centerville Creek and a site on Point and Fischer Creeks from June through August. This is the second field season of sampling by a UW Manitowoc Intern. Ethan's data set consisted of a number of chemical and biological measures and is on our Hika Bay website at hika-bay.org.



Ethan presented his data to the public during an evening engagement on November 3 at UW Manitowoc. The evening helped celebrate the partnership between UW-Manitowoc Division of Biological Sciences, the Lakeshore Natural Resource Partnership and the Friends of Hika Bay.

Charles Clark, the newly appointed Dean, welcomed folks and expressed how important community partnerships are to the university. Cindy Huhn, Cleveland Village President, provided an historical overview explaining how LNRP has been working with the Village Plan Commission to develop a framework for tying together a comprehensive approach to restoring the abandoned millpond and enhancing Hika Park. John Kirsch, LNRP Board Member, then discussed invasive species removal in the park and presented an overall park design.

The UW Faculty, Rick Hein and Rebecca Abler, finished the evening explaining how they are using their courses to establish community service while teaching research methods. Water quality and stream analysis are conducted by three courses that have lab and field components. A day on Point Creek was captured with a front page story by the Manitowoc *Herald-Times Reporter*. Twenty-four students completed a set of macro-invertebrate sampling along with a number of bio-chemical measures. The public forum on the results of the sampling engaged area residents and kept them informed.

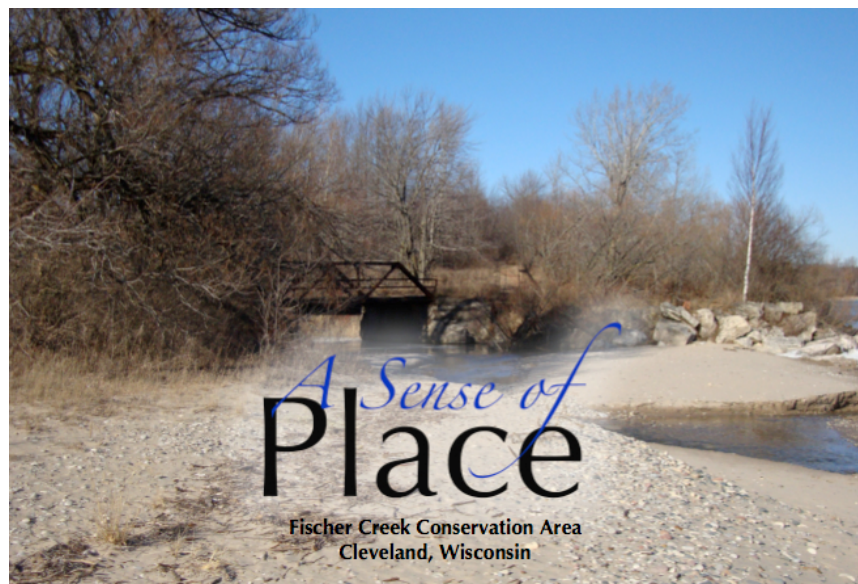
Plans for 2012 include a series of seminars, an expansion of the intern program, additional field days for the Biology and Environmental courses, expanding the sampling regime, and continued work on Centerville Creek and Hika Park restoration. You can track the progress of this exciting restoration and expansion at their website, www.hika-bay.org.

Spring 2012

Sense of Place

Fischer Creek: 'Worth Fighting For'

A 160-acre Conservation Area lies in the Village of Cleveland, Wisconsin, thanks to a group of concerned citizens who came together in the early 1990s to save it from development. This story includes a mention of the contentious aspects often underlying and driving such projects throughout the decades before and after the first Earth Day in 1970, and attempts to express what captured the hearts of this passionate group of area residents.



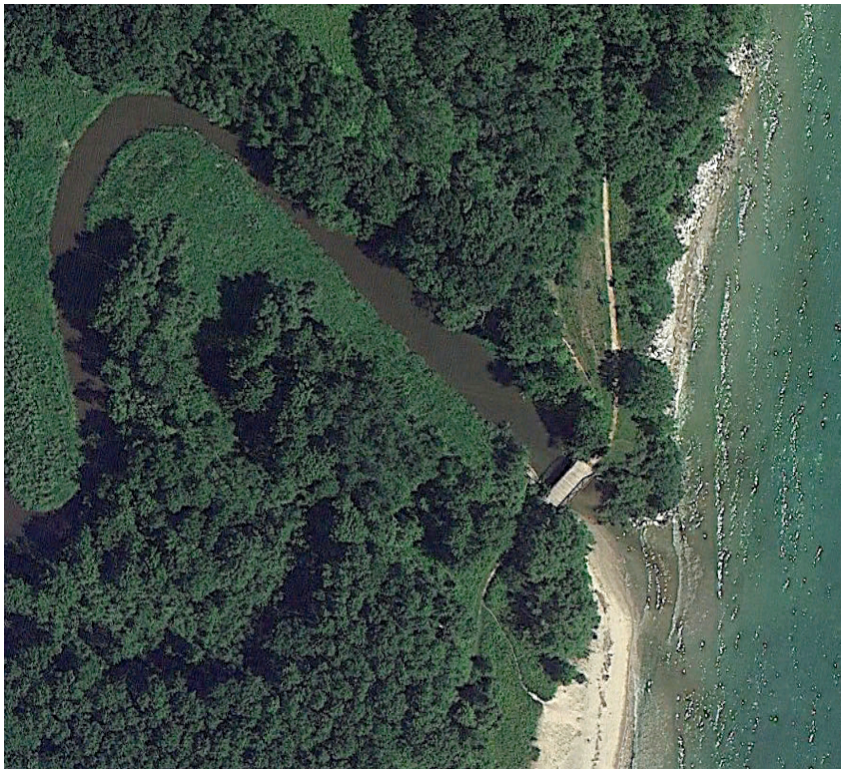
On the website, Fischer Creek is described as the most recent addition to the Manitowoc County Park System. "This 160-acre site was purchased by the State of Wisconsin using

Stewardship money along with a contribution from Manitowoc County...(and) is owned by the State and developed and maintained by the County.”

So, why was Fischer Creek ‘*Worth Fighting For*’, included in a feature documentary narrated by James Taylor in the latter 1990s as the Wisconsin poster child alongside three other citizen-based projects in Canada and Michigan?

First is its beauty and regional significance: Fischer Creek Conservation Area includes 1800 feet of Lake Michigan shoreline flanking the mouth of the Creek. The view is magnificent, with abundant bluffs reminiscent of their celebrated sisters to the north in Door County. Wildlife, bird species and wildflowers adorn its beach and trails through the park. It provides a sweet respite to the soul and song to the senses dulled by life’s stresses and crying out for the renewal only Nature can provide. And, families of fishermen and women can bring their children there to recreate and bond.

Lifelong resident Don Pirrung, featured in the film with John Kirsch, Rolf Johnson and others, were part of a citizen’s group who came together as Friends of Fischer Creek in the early 1990s when a Chicago-based developer wanted to put condominiums on the property, requiring annexation by the Village Board. Don brought to the group an engineering perspective.



Fischer Creek draining into Lake Michigan

a drop in the bucket. We then distributed fact sheets to the community and we became a majority with a groundswell of support.

“This journey was a wild rollercoaster ride of emotions, from the highest highs to the lowest lows, sometimes in the same afternoon,” he adds. “What makes (the area) so special is its natural beauty and impressive bluffs.

Don says when they looked at the cost/benefit analysis of the proposed development, “What we’d gain in the short term would have been

“It also has archeological significance with State Historical Sites registered on the property. An old steel bridge dates back to a military road connecting Green Bay to Milwaukee. A woman who met with our Friends group said that for hundreds of years the site was considered sacred where Native Americans came to pray because of its unique overlook of Lake Michigan.

“The property has a special relationship with residents in the area. As kids we played there and as adults we still savor its natural beauty... Nature is its own entertainment center. Trout migrate in the spring through its stream.”

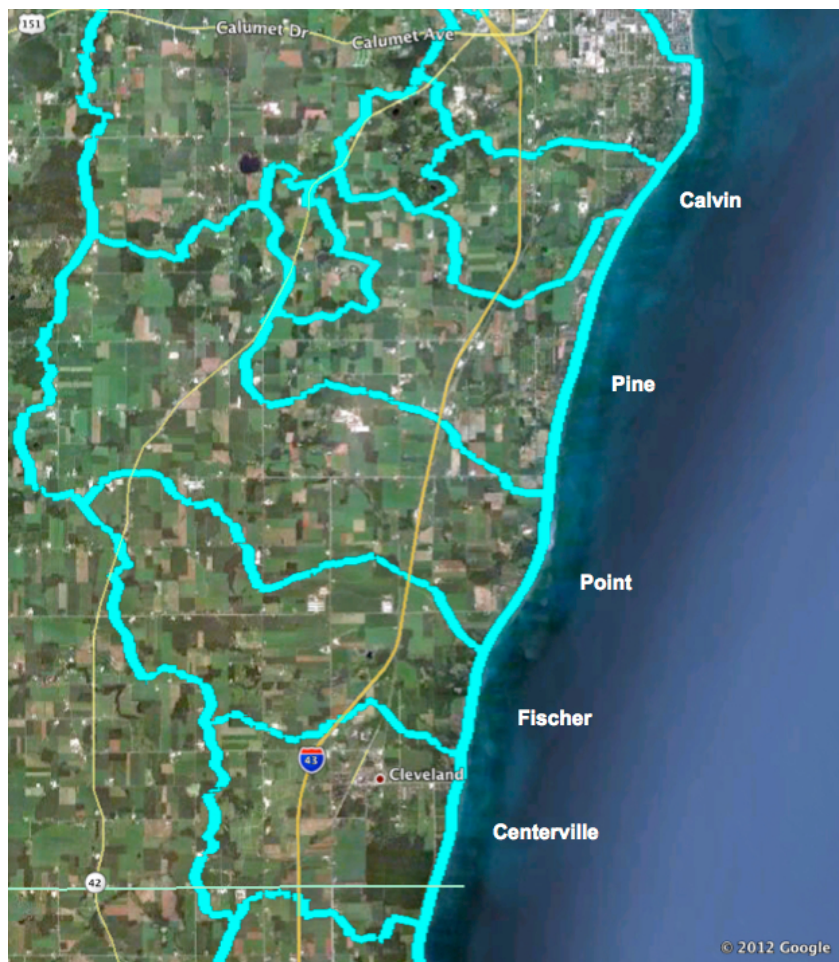
FOFC faced an enormous battle. They first decided to create the state conservation area in order to preserve it and subsequently had to raise the funds and work with the Village Board to approve the park’s creation. They persevered, despite the challenges, and on January 30, 1995, the Board officially voted to deny the annexation request from the developer.

Don reflects, “In over 37 years of engineering projects I’ve overseen and developed, participating in the creation of Fischer Creek Park was the most amazing thing I’ve ever been involved with. It shows how a group of people coming together can make a huge difference in our lives and environment. We focused on the elements of Nature as inspiration and let her speak for herself through a committed group of local residents.”

Spring 2012

Report from the Friends of Hika Bay

LNRP has been working with the Village of Cleveland since 2009 to develop a framework to comprehensively restore the abandoned millpond on Centerville Creek and enhance Hika Park. The project will restore 2,000 feet of Centerville Creek and 500 feet of the South and North Branch of Centerville Creek by removing sediment and creating a gradient to restore flow. In the late 1800s,



a dam was erected one mile east of Cleveland (WI) creating the 12-acre Cleveland Impoundment. Prior to dam removal, approximately 8-10 feet of sediment had accumulated behind the dam, and much of this sediment remained in place following draw-down and removal of the dam. Since then, the stream continues to erode, releasing tremendous amounts of fine sediment into Lake Michigan, destroying fish habitat and causing aesthetic and public safety concerns revolving around *Cladophora* algae.

As part of the process, LNRP created an active Citizen Advisory Committee to guide the design process, offer insights to potential opportunities and challenges, and provide recommendations to the Cleveland Plan Commission through LNRP. This Committee became the Friends of Hika Bay in Spring 2011 and now has created a five-year work plan that includes the five frontal watersheds draining into Lake Michigan: Calvin, Pine, Point, Fischer, and Centerville Creeks.

A partnership with the UW-Manitowoc has been established and one of its interns has collected weekly measurement of physical, chemical, and biological characteristics of five different sampling points in 2010 and seven sampling points in 2011. There will be 10 testing points in 2012. Testing measures the pH, temperature, flow, turbidity, conductivity, dissolved oxygen, ammonia, phosphorus and *E.coli*.

A bird monitoring program will be implemented in 2012 and include weekly sampling in the Centerville Creek corridor and complement the existing weekly monitoring in the Fischer Creek Conservation Area. Tom Ward, the invasive species coordinator for Manitowoc County, will target invasive species in all natural areas of the watersheds through training sessions for the Friend's group. The first training was held on April 30 and focused on honeysuckle, buckthorn, and garlic mustard. This summer, we will focus on Japanese knotweed and, later in the summer, on *Phragmites*.



Tom Ward training the Friends on controls for invasive species in the barn of LNRP Board Member John Kirsch

We also plan to do a major upgrade of facilities and habitat enhancements for Hika Park. We plan to expand upon the ridge/swale community through additional plantings to establish a wet meadow. A pedestrian bridge will link the south and northern portions of the park. Finally, interpretive signs will be established along a boardwalk and walking path that will run throughout the park.

Funding for the

restoration of Centerville Creek has already been secured through a significant grant from the National Fish and Wildlife Foundation and a donation from Cleveland State Bank. We have also received funding from a number of private individuals as well as funding from LNRP members and are grateful for the outpouring of support.

Summer 2012

Free Training to Detect and Remove Invasive Species

Tom Ward, LNRP Board Secretary and Invasive Species Specialist, will offer a free training, August 20th, 6:00 P.M., at John Kirsch's barn across from Hika Park and Centerville Creek, 1148 Lakeshore Drive, Cleveland; 920-693-3209. Participants will learn how to detect Phragmites and Japanese Knotweed near Centerville Creek and the surrounding area. The event will take place weather permitting; a back-up evening is scheduled for August 27th in case of rain. Participants need to bring a pair of gloves. RSVP to participate: Jenn Hansmann, jenn@LNRP.org.

Fall 2012

Will Allen Wows Crowd at 4th Annual Barn Dance & Chautauqua

Nearly 300 participants packed the tent and 150-year-old restored and festively decorated barn at the recent 4th Annual Barn Dance & Chautauqua at the historic Saxon Homestead Farm in Cleveland near the shore of Lake Michigan in Manitowoc County. Many people joined us for the first time to celebrate Wisconsin farms, locally-sourced food and our rural communities, Saturday, September 22, 2012.

Event organizers offered a fresh feature this year with Will Allen, founder and CEO Milwaukee's Growing Power, at a Chautauqua gathering in the main tent at 5:30. His clear and cogent presentation lasting more than an hour underscored why he received the 2008 MacArthur 'Genius Award' for his extensive vision and capability to grow his organization, Growing Power, from nothing to a \$10 million enterprise that is transforming food deserts in our region's inner cities to extensive urban vegetable gardens through intensive composting, bringing life back into blighted and forgotten places, all with sustainable practices and innovative approaches.



This former professional basketball player and longtime farmer is well recognized as a major transformer of agriculture and food policy. He joined the First Lady Michelle Obama in 2010 with her launch of the White House's "Let's Move" campaign to address issues impacting America's youth and the increasing risk of obesity. Most recently, in

2012 he received the NCAA Theodore Roosevelt Award, the highest the National Collegiate Athletic Association can bestow on a former collegiate athlete.

Using methods developed over his lifetime, Allen trains residents in mainly urban areas to become community farmers. Allen is the son of a share cropper who chose to put his boundless energy into changing the world after he left basketball. After Allen's motivating presentation, Saxon's Karl Klessig announced that our Barn Dance theme will now include rural *and urban* agriculture. Participants wondered when he ever sleeps!

Folks were once again delighted with the delicious and varied locavore menu and danced the night away to the invigorating Buffalo Joe band.

Proceeds from this event help support *Partnering for Progress: Celebrating Rural Communities*, a collaboration of the Lakeshore Natural Resource Partnership (LNRP), Gathering Waters Conservancy, and the Wisconsin School for Beginning Dairy and Livestock Farmers. This year's event raised a record \$30,000 before expenses and organizers are incredibly grateful for all the support in these challenging economic times. Plans are already underway for next year's celebration, our 5th so stay tuned for more information in summer of 2013.

A scenic view of a beach with a rainbow over the ocean waves. The foreground is filled with green grass and dunes. The ocean has white-capped waves breaking. A vibrant rainbow spans the sky above the water.

Friends of Hika Bay
Protecting and Restoring Calvin, Pine, Point, Fischer, and Centerville Creeks

Thursday, November 3
7:15 – 9:00 p.m. at UW Manitowoc in Room H102 (the Hillside Lecture Hall)

Agenda

Introductions – Jim Kettler, Lakeshore Natural Resource Partnership
Centerville Creek Restoration – Cindy Huhn, President, Village of Cleveland
Hika Park Design and Invasive Species Removal – John Kirsch, Friends of Hika Bay
Water Quality Monitoring – Russ Tooley, Friends of Hika Bay along with UW Manitowoc
Faculty and Intern
Next Steps for 2012 – Open Forum

2011 Centerville Creek Stream Assessment



Friends of Hika Bay

Calvin, Pine, Point, Fischer, Centerville Creeks

**A Sense of Place
Community Partnerships in Manitowoc County and Hika Bay**

November 7, 2012

6:30 – 8:30 p.m. at UW Manitowoc, H102 Lecture Hall

Agenda

6:30–6:45 pm: Community Networking Social

6:45-7:00 pm: Developing a Sense of Place – Jim Kettler, Executive Director, LNRP

7:00-7:15 pm: Citizen Science – Russ Tooley, Friends of Hika Bay

7:15-8:00 pm: Data Stories - UW Manitowoc Interns

8:00-8:15 pm: Community Partnerships – UW Faculty

***8:15-8:30 pm: We All Live on the Water – Chris Goebel, President, LNRP and Charles Clark,
Dean UW Manitowoc***



Sense of Place: Building Community Partnerships In the Great Lakes

November 7, 2012



Friends of Hika Bay

Calvin, Pine, Point, Fischer & Centerville Watersheds

A Sense of Place

Citizen Science

Friends of Hika Bay

Community Partnerships in Manitowoc County and Hika Bay

November 7, 2012

UW Manitowoc

Stream Assessment of Centerville and Southern Manitowoc County Streams: A Community-University Partnership Uniting Scientific Research, Education, and Action



Monitoring of Pine, Calvin, Point, and Fischer Creeks in Southern Manitowoc County Summer 2012

Student Interns: Heather Havel, Elizabeth Binversie,
Hailey Rogala

Student Intern Mentor: Ethan Poling

Faculty Advisors: Rebecca Abler and Rick Hein



Friends of Hika Bay
Calvin, Pine, Point, Fischer, Centerville Creeks



2012 Centerville Creek Stream Assessment



Friends of Hika Bay

Calvin, Pine, Point, Fischer, Centerville Creeks

Friends of Hika Bay

*Calvin, Pine, Point, Fischer, & Centerville
Watersheds*

Winter Meeting 2012

February 23, 2012

6:00 – 8:00 p.m.

Lakeshore Technical College, Cleveland Training Room

Please Join Us!

6:00-6:30 p.m. Coffee and Conversation

6:30-7:00 p.m. Update on Friends of Hika Bay Work Plan

7:00-8:00 p.m. Our Guest Speaker

John Nelson, The Nature Conservancy

“Testing Phosphorus Control in the Sheboygan River Basin”

John will share his perspectives on the project he is leading in the Sheboygan River Basin on reducing phosphorus loads in the agricultural community.



Cultivating Environmental Stewardship in the Lakeshore Region



FREE TRAINING ON DETECTING and REMOVING
INVASIVE SPECIES

**Join Tom Ward at John Kirsch's barn, across from
Hika Park and Centerville Creek on Lakeshore Dr.**

April 30, 2012
6:00 p.m.

We will target:



**Honeysuckle, Garlic
Mustard, and
Buckthorn**



Weather permitting

PLEASE BRING A PAIR OF GLOVES

(A backup evening is scheduled for May 7th)

FREE TRAINING ON DETECTING and REMOVING
INVASIVE SPECIES

**Join Tom Ward at John Kirsch's barn, across from
Hika Park and Centerville Creek at
1148 Lakeshore Dr. (920) 693-3209
AUGUSTS 20, 2012 AT 6:00 P.M.**



**Participants will learn how to detect Phragmites and
Japanese Knotweed near Centerville Creek and
surrounding area.**

Weather permitting

PLEASE BRING A PAIR OF GLOVES

(A backup evening is scheduled for August 27th)

Rsvp: Jenn Hansmann at jenn@lnrp.org

2012 The Power of Green: YOUR WATER

FREE • LTC Cleveland Campus

Learn how water protection can start with YOU in this three-part series offering techniques to help keep Wisconsin's waterways clean and conserve water for future generations.

PROTECTION OF THE GREAT LAKES • APRIL 4 • 5:30-7 P.M.

Get the big picture on how the Great Lakes play a vital role in the health of local water sources as well as waterways worldwide. See the impact invasive species and pollution are having on lakes, rivers and wetlands, and take home techniques to reverse their effects.

PRESENTERS

Jim Kettler • Lakeshore Natural Resource Partnership
Timothy Campbell • Aquatic Invasive Species Outreach, UW Sea Grant
Deb Beyer • UW Extension (Sheboygan River clean-up and restoration)

IN YOUR BACKYARD • APRIL 11 • 5:30-7 P.M.

See how damaging stormwater runoff can be and find out what steps you can take in your own yard to help alleviate the problem. Learn how to install a rain barrel, create a rain garden, and make simple changes to your mowing, fertilizing, car washing and vehicle maintenance habits.

PRESENTERS

Janet Sosnosky • City of Manitowoc / Stormwater
Wendy Lutzke • Wisconsin Maritime Museum

IN YOUR HOME • APRIL 25 • 5:30-7 P.M.

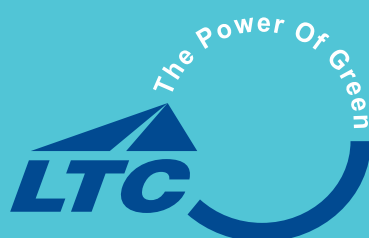
Start at home when it comes to protecting the water system. Get the basics on high-efficiency products and ingredients to avoid in household cleaners, and learn where your water ends up once it goes down the drain.

PRESENTERS

Rich Kammerer • Kohler
Jon Reisenbuechler • Manitowoc County Recycling Center
Dale Doerr • Sheboygan Regional Wastewater Treatment Facility

Three Wednesdays in April

Join us for one, two or all three sessions!



Register today!

gotoltc.edu

1.888.GO TO LTC • 920.693.1000
1290 North Avenue • Cleveland WI 53015-1414
NCA-Accredited (ncahlc.org • 312.263.0456)

WWOA - LAKE MICHIGAN DISTRICT REGIONAL OPERATORS' MEETING



August 22, 2012

**Lakeshore Technical College
Lakeshore Building Conference Center
Lake Michigan Rm.
1290 North Avenue
Cleveland, Wisconsin 53015**

MEETING AGENDA:

- 7:45 – 8:15** **Registration**
- 8:15 – 8:30** **Welcome Address** – Cindy Huhn, Village President
- 8:30 – 9:30** **Boosting Biogas Production with Co-Digestion** – Dale Doerr, Superintendant - Sheboygan WWTP
- 9:30 – 10:30** **Diffuser Design and Efficiency** – Paul Shuette, Sanitaire
- 10:30 – 10:45** **Break** – Sponsored by Crispell-Snyder Inc.
- 10:45 – 11:00** **LMD Business Meeting**
- 11:00– 12:00** **Stream Rehabilitation in Cleveland** – Dr. Jim Kettler - Lakeshore Natural Resource Partnership
- 12:00 – 1:00** **Lunch**
- 1:00 – 2:00** **Lakeshore Tech Alternative Energy** – Doug Lindsey, Dean of Energy Education Center - LTC
- 2:00 – 2:15** **Plant Introduction** – Steve Simons, Director of Public Works – Cleveland
- 2:15 – 3:00** **Plant Tour – Cleveland WWTP & Stream Rehabilitation Site**

DNR CEU CREDITS: Meeting: Wastewater & Septage = 4.0 hours
 Plant Tour: Wastewater & Septage = 1.0 hour

COST: Pre-Registration (Deadline – August 14, 2012): Members – \$20.00 Non-Members – \$30.00
 Late Registration / At the Door: Members – \$25.00 Non-Members – \$35.00

Send reservations and make checks payable to:

Bernie Hengels, WWOA/LMD
1179 W. Cecil St.
Neenah, WI 54956

Phone: (262) 424-2963
E-mail: glueco@gmail.com

Please return a completed registration form for each person attending the Aug 22, 2011 meeting:

INDIVIDUAL REGISTRATION:

Name _____ Employer _____
Address _____ Member of WWOA? Number _____ No ☐
City _____ State _____ Zip _____
Regional Affiliation: NW ☐ LM ☐ S ☐ SE ☐ NC ☐ WC ☐ E-mail Address: _____
Would you like to be on a regional mailing list? Yes ☐ No ☐

VENDOR DISPLAY REGISTRATION:

Vendor: _____ **Registrant Name:** _____
Vendor Display Registration (**\$60**) includes space for tabletop display, one individual registration and lunch. Eight 8-foot tables available.

AMOUNT ENCLOSED: \$ _____

Food • Farm • Fun • Friends

4th Annual Barn Dance

Saturday
Sept. 22, 2012
3 p.m.-10 p.m.

Saxon Homestead Farm
15621 South Union Road
Cleveland, Wis.

**It's that time again. Let's celebrate ...
Wisconsin farms, food and rural heritage!**

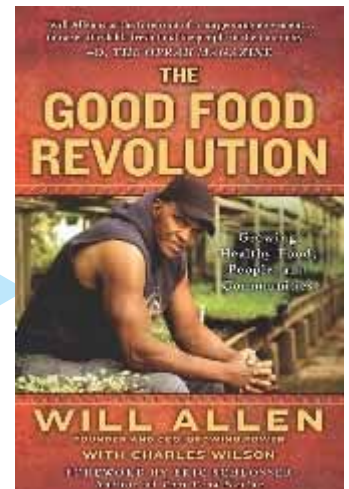
An old-fashioned barn dance in a restored,
160-year-old barn on a fifth-generation,
grass-based dairy farm that crafts its milk into
artisanal cheeses.

Limited number of tickets available in advance.

\$50/person * \$85/couple * \$20/student

**For more information and to purchase tickets go to
our website at www.wisconsinbarndance.org**

- Music by "**The Buffalo Joe Band**" a six-piece classic rock band with a long history.
- **Harvest appetizer buffet and bar** of locally grown fare and drinks
- **Our keynote speaker will be Will Allen**, Founder and CEO of **Growing Power**- An organization inspiring communities to build sustainable food systems that are equitable and ecologically sound, creating a just world, one food-secure community at a time.
- Door Prizes • Displays



Hosted by and proceeds benefit *Partnering for Progress: Celebrating Rural Communities*, a collaboration of these three organizations that work to conserve farmland and natural resources, support beginning and continuing farmers, and sustain vibrant, rural communities to improve rural life in Wisconsin.

Host



Wisconsin School for Beginning Dairy and Livestock Farmers
The University of Wisconsin-Madison Center for Integrated Agricultural Systems





Come and learn about Ridge-Swale Ecology

October 9, 2012

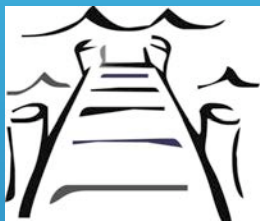
6:30 - 8:00

LTC

ROOM L 222

Spend an evening with Jon Guntow, a Senior Wetland Scientist at Stantec, and others discussing Ridge Swale ecosystems. We'll explore the educational and recreational values and opportunities for the Hika Sands property that is now part of Hika Park in the Village of Cleveland. Jon will open the session with a presentation on the ecological characteristics of Ridge Swale ecosystems. We'll then open it up for an interactive discussion on the plans for the Hika Sands property.

EMAIL US TODAY FOR FREE
REGISTRATION:
JENN@LNRP.ORG & JIM@LNRP.ORG
WEBSITES:
www.LNRP.org & www.hika-bay.org



Friends of Hika Bay

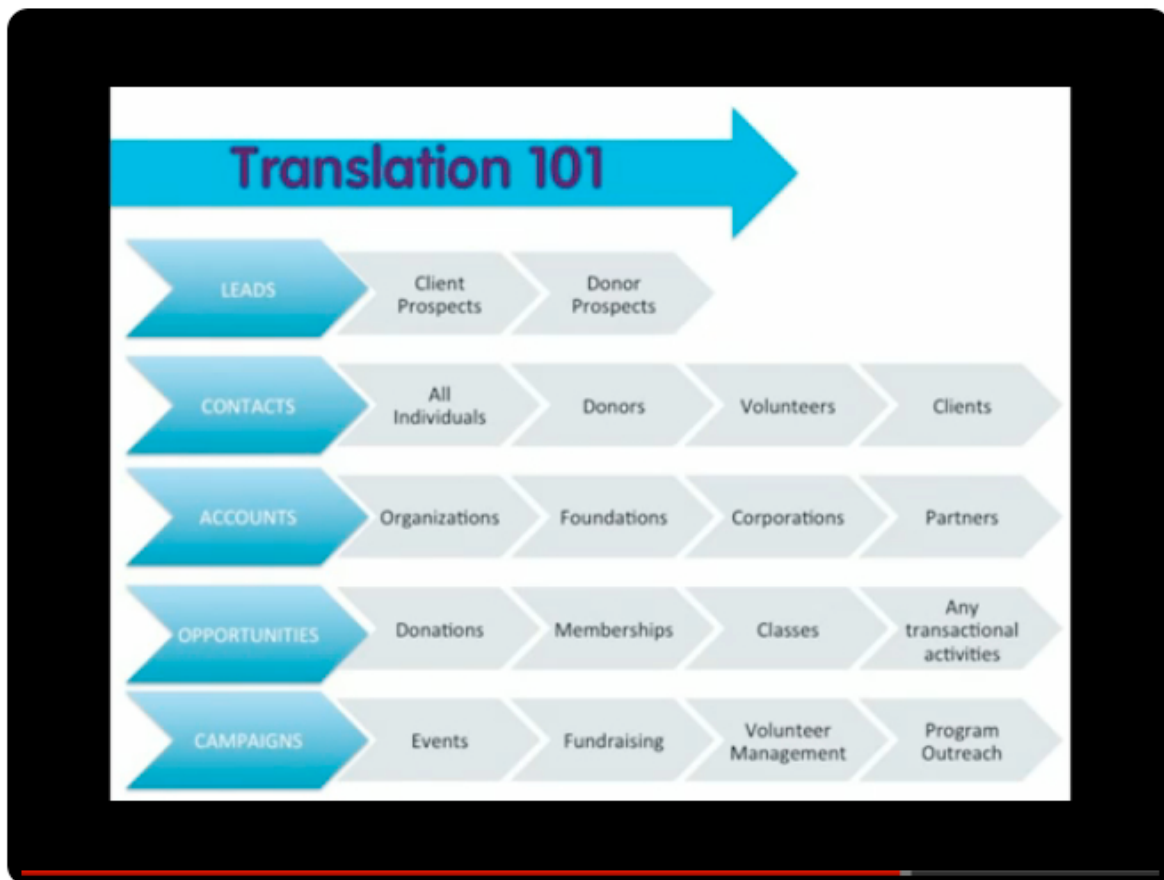
Calvin, Pine, Point, Fischer & Centerville Watersheds

LNRP and WaterGrass

Development and Implementation of a Membership Database



LNRP received a grant from the National River Network to develop and implement a relational database called WaterGrass. WaterGrass is a customized version of the industry-leading Salesforce Enterprise database, supported by a collaborative effort of LeadGreen and River Network. It's a web database, and the home user gets licenses for 9 individuals in the organization to use it. One license has been given to Friends of Hika Bay. One license stays with LeadGreen to monitor success and additional opportunities for product development.



Centerville Creek / Hika Park Restoration and Reclamation

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Linking restoration
of Centerville Creek
and an enhanced
Hika Park to better
water quality in
Lake Michigan.

Welcome to the Friends of Hika-Bay Creek Monitoring Site.

This is a collaborative effort between LNRP and UW-Manitowoc providing water quality information for southeastern Manitowoc County. Summer information is the result of 4 sponsored UW-Manitowoc student interns. Fall and winter information is a summary of data taken by all students in the introductory biology classes.

For the summer of 2012, sampling for nutrient content and pathogens is done every Tuesday morning from over 25 locations. The site map details these locations. The information is an important component to the Centerville Creek Restoration Project. Year to year comparisons will be made in an effort to detail water quality improvements due to the restoration. The wide area sampling information enables a comparison of how the different land practices in each watershed impact water quality.

2012 Creek Monitoring

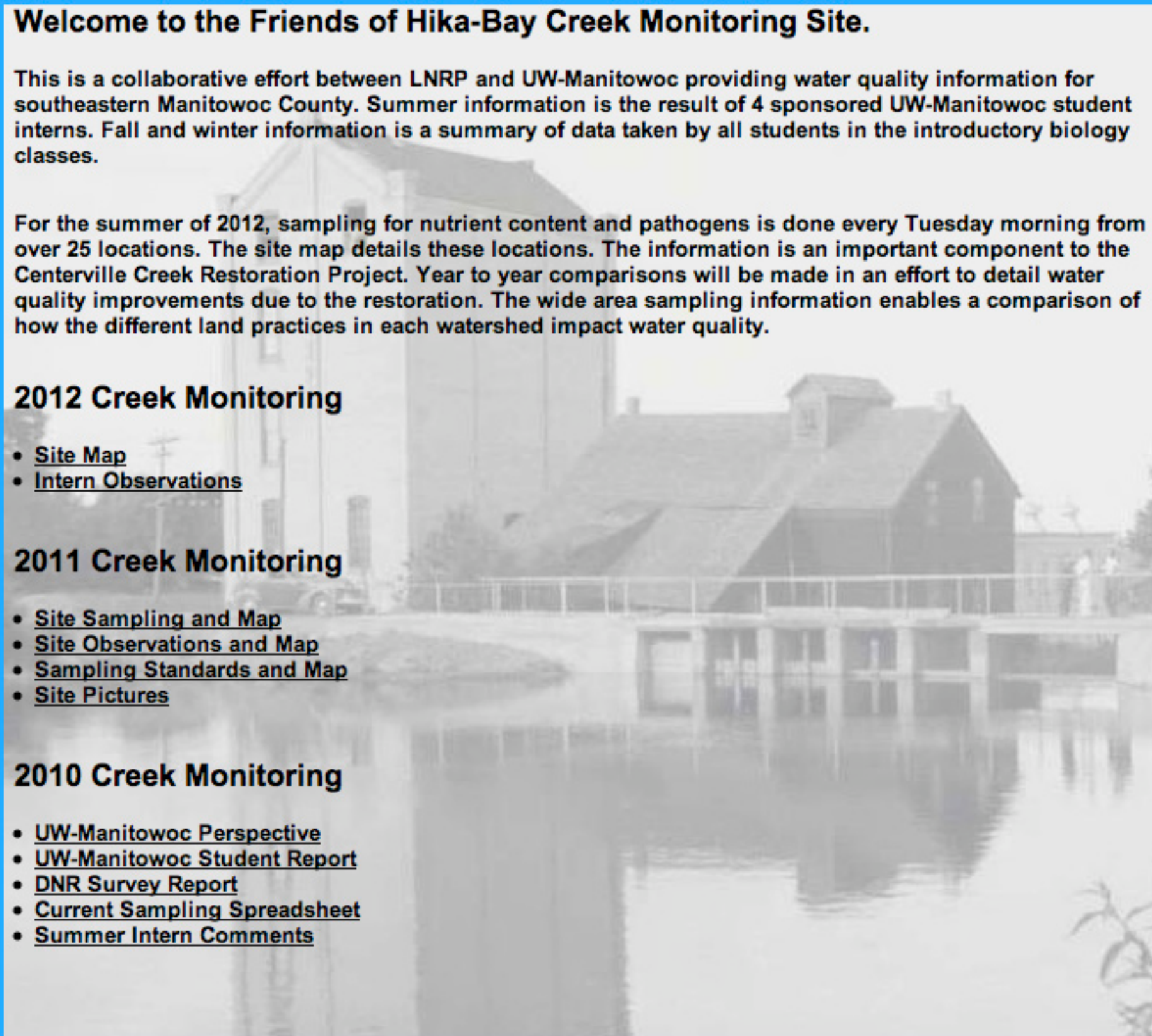
- [Site Map](#)
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2011 Creek Monitoring

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2010 Creek Monitoring

- [UW-Manitowoc Perspective](#)
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Invasive Species

Focus on Phragmites, Japanese Knotweed, Garlic Mustard,
Honeysuckle, and Buckthorn

Volunteers can register their hours on-line.

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Welcome to the Friends of Hika-Bay Volunteer Site.

Please enter your time and activity.

Name *

First Name Last Name

Date *

09 / 11 / 2012

Month Day Year

Hours *

0.00

Natural Area *

Species 1 *

Species 2

Species 3

Comments

Submit

LAKESHORE NATURAL RESOURCE PARTNERSHIP RECEIVES 2012 'WISCONSIN IDEA' AWARD

Lakeshore Natural Resource Partnership (LNRP), a regional non-profit organization, is the recipient of the 2012 Wisconsin Idea Award from the University of Wisconsin Colleges and UW-Extension. UW Colleges and UW-Extension Chancellor Ray Cross presented the award at the institutions' Chancellor's Awards Reception, September 20, in Madison. The annual Chancellor's Awards recognize UW Colleges and UWExtension partners, supporters and employees for their outstanding contributions to the quality of life in Wisconsin.

In giving the award, Cross praised Lakeshore Natural Resource Partnership and Friends of Hika Bay for bringing together the community and the university in the common goal of improving and protecting the water quality in northeastern Wisconsin.

LNRP and its partnering citizen's group, the Friends of Hika Bay, were nominated by UW-Manitowoc Campus Executive Officer and Dean, Dr. Charles Clark, for their "ongoing partnership and collaboration with university campuses and governmental agencies to provide students with a life-enhancing opportunity to get boots-on-the-ground, in-the-field experience in the biological sciences."

"The Wisconsin Idea emphasizes collaboration and extending the expertise of the University of Wisconsin beyond campus borders," Dr. Clark said. "This unique partnership among LNRP, Friends of Hika Bay, and UW campuses provides a model to improve our local habitat and society. The Award is a testament to the vision and energy of LNRP Executive Director Dr. Jim Kettler, Friends of Hika Bay Water Quality Chair Russ Tooley, and Village of Cleveland President Cindy Huhn to engage our biological science faculty and students with field trips and internships in water quality sampling and monitoring, bird tracking, and projects related to remediation of Centerville Creek, Hika Bay and Fischer Creek.

"Dr. Kettler and Russ Tooley have worked closely with UW-Manitowoc's Dr. Rebecca Abler and Dr. Richard Hein, professors of biological sciences, who wrote letters of support," Dr. Clark added.

Additionally, LNRP engaged previously during two semesters with UWMadison Landscape Architecture students to re-design Hika Bay Park. Horticulture Department students at Lakeshore Technical College, Cleveland Campus, are involved in selecting, replanting and monitoring invasive plant species at Hika Bay as well.

LNRP's Jim Kettler said, "We are deeply honored to be receiving such special recognition with this Award. It really goes to all the people who've been involved with us these last few years – residents, academia, Village trustees, and the students themselves." The Wisconsin Idea Award honors individuals or organizations outside the UW (System) that have made significant contributions to society; the economy; the environment or the quality of life at the local, state, national or international level through involvement with the UW Colleges or UWExtension.



Photo by Jim Gill/Wisconsin Public Television

The Lakeshore Natural Resource Partnership (LNRP) and the Friends of Hika Bay (FHB) are recipients of the University of Wisconsin Colleges and University of Wisconsin-Extension 2012 Chancellor's Wisconsin Idea Award for bringing together the community and the university in the common goal of improving and protecting water quality in northeastern Wisconsin. Chancellor Ray Cross (back row, right) congratulated some of those involved in the restoration of Centerville Creek at the Chancellor's Award Event Sept. 20, 2012, in Madison. Front row: Rebecca Abler, UW-Manitowoc associate professor of biological sciences; Jim Kettler, executive director of LNRP; Russ Tooley, water quality chair of FHB; Cindy Huhn, president of the Village of Cleveland. Back row: UW-Manitowoc CEO/Dean Charles E. Clark; Ethan Poling, UW-Manitowoc student; Chancellor Ray Cross

