DNR 15-16 Root River Council RP-270-15



Goal #1- Horlick Dam

Brochure



The Root River and the Root River Council is a great place to volunteer your time and talents! We have a wide variety of volunteer opportunities through the entire year. Please consider becoming a member or making a donation in support of this work.













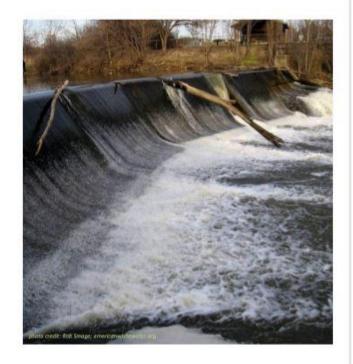








The Root River Council is committed to the revitalization and redevelopment of the Root River in Racine, WI.



HORLICK DAM

Horlick Dam's history and its need for action

Brochure









photo credits: DNR; SEWRPC

In 1835 the Horlick Dam was constructed to power the first sawmill, which continued until 1870. The dam was rebuilt in 1873 and 1885. In 1940, the dam was rebuilt again to use for a gristmill. After 1940, the dam supported recreation upstream from the impoundment. Charles and Richard Horlick attempted abandoning the dam, but failed, which precipitated transfer of ownership and operation of the dam to Racine County. The County facilitated a final reconstruction for recreation purposes in 1975.

Due to the inadequate spillway capacity, structural modifications to the dam are necessary. Thus, a "no action" alternative is not a viable option for the Horlick dam.



Horlick Dam is a concern because of sedimentation, which negatively contributes to water quality. The dam also interrupts and disconnects the river system. While the dam does provide some protection from aquatic invasive species, it is not a complete barrier.

Racine County has until 2024 to increase the capacity of the Horlick Dam spillway if the County chooses to maintain the dam. Another option is to abandon and remove the dam. The Root River restoration plan completed by SEWRPC includes five alternatives: four that reconfigure the dam and one to remove the dam and one to remove the dam.

SEWRPC recommended removal of the dam based on environmental factors only. The County, as owner of the dam, will make the final decision also considering cost, cultural, safety, and social concerns

The Root River Council is collaborating with water quality and wetland experts to find the best viable option for the future of the dam and those affected within the watershed.

Horlick Dam

Public Workshop #1 (Part of Root River Festival)

Airing of documentary film, DamNation

Sunday September 4, 2016

River Bend Nature Center



Storytelling - Live Music

Educational Presentations

Canoeing - Local Food & Beer



2016 Root River Festival

When: Sunday, September 4, 12pm – 6pm

Where: River Bend – 3600 North Green Bay Road, Racine, WI 53404







A Festival to Celebrate the Root River's Past, Present and Future

2016 Root River Festival Program - River Bend Nature Center

Sam & Gene Johnson Pavilion Performances

- 12:15-12:45 Interfaith Worship Service Rev. Michael J. Mueller, Dr. David Rhoads, and colleagues.
- 1:30 1:45 First Performance Naomi Marie singer/ songwriter/ Indie/ pop/folk.40's jazz singers, folk guitarists, and contemporary pop piannists have all contributed to be rythe that includes melodic narratives, giving voice to deep onessions, and insintiful solf discoveries.
- 2:00 -3:00 Second Performance Lil' Rev, Our Headliner, Mitwaskee based, local legend Lil'Rev. Just back from a West Coast tour, Rev is an American roots songwriter / instrumentalist / storyteller / histories/ and douator, extraordinaire. Considered a master of the ukulete, he place harmonics, and basio as well.
- 3:00-3:15 Third Performance-St. Paul Baptist Church youth group Word in Motion, girls gospel choir
- 3:30 -4:15 Fourth Performance Nick Barootian, native of Racine, will share favorite American popular songs from the 1869's through the modern day (Stephen Foster, George Gershwin, Duke Ellington, Elton John, Billy Jool). He sings and plays piano and is a classically trained singer, conductor and composer, who has performed with the Florentine Opera Chorus in Mitwankee.
- 4:30 5:30 Fifth Performance-Wild Thyme. Celtic band mostly Irish tunes with a "wee bit" of World Music. Just back from their annual Irish session at Milwankee Irish Fest. Their music features fiddle, bodhran (Irish drum), cello, bass, & guitar.

Em's Cabin Presentations

- 12:45pm Mark Sommer, all ages storyteller takes you on a meditative journey
- 1:30 pm Karen Johnson, kids storyteller and animator
- 2:15 pm Keith Kohlmann, Historian sharing history of industry and labor of the Root River 3:00 pm Storyteller, all ages-Jean-Andrew Dickmann from Milwankee has been storytelling
- professionally for over twenty years at festivals all over the Midwest, including the National Storytelling Festival. She studied at Emerson College, England in the School of Storytelling, and enjoyed a career as educator and librarian.
- 4:00pm Documentary movie, Diametrion
 This powerful film odyssey across America explores the sea change in our national
 attitude from pride in big dams as engineering wonders to the growing awareness that
 our own future is bound to the life and health of our rivers. (88 minutes)

DamNation, The Most Important Film You Will Watch this Year

BY BEN FOX (/sierra/authors/ben-fox) | AUG 18 2014 From \$5.99

A salmon leaps out of the frothy waters, slamming its powerful body against the 100 foot high cement wall. Again and again it tries, but to no avail. Beyond the wall lies the breeding ground that this salmon's ancestors have used for hundreds of years. But this salmon, and thousands like it, may never make it there.

This is a scene from *DamNation*, this summer's most powerful environmental documentary.

Three years ago, Felt Soul Media filmmakers Ben Knight and Travis Rummel and Stoecker

Ecological fish biologist and underwater photographer Matt Stoecker embarked on a journey to

https://www.sierraclub.org/sierra/2014-4-july-august/green-life/damnation-most-important-film-you-will-watch-year

12/15/2019

DamNation: The Most Important Film to Watch this Year

document the environmental impacts of deadbeat dams across America. In their feature length documentary they weave together stories of pristine rivers, age old salmon, cement walls and the people whose lives are bound together by the flowing water. Visually stunning and powerfully eye opening, *DamNation* documents the attempt to reverse a century's worth of land and water management mistakes.

Sierra recently caught up with director and co-producer Travis Rummel to learn more about the effects of dams and what it took to create this award-winning film.

4



There's something different about DamNation than other documentaries.

Compared to other environmental documentaries I think *DamNation* is pretty uplifting. Dam removal is something you can do that actually has immediate effects on the environment. There are 85,000 dams on rivers throughout the U.S. so it's an issue that is literally in everyone's back yard. Most people in the general public just look at dams as part of the landscape and I think once you see the film you'll look at dams a lot differently.

Can dams be built sustainably?

I would also array from blanket statements about that Food dam is its own project and all dame

Horlick Dam

Public Workshop #2 December 12, 2016

River Bend Nature Center, Racine



Save the Date

'The Future of Horlick Dam' A FREE PUBLIC WORKSHOP

Monday, December 12, 2016

6:30-8:00pm

Location: River Bend Nature Center

3600 N. Green Bay Road, Racine

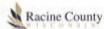
INTRODUCTION BY RACINE CO. PUBLIC WORKS
PRESENTATION BY SEWRPC

Light refreshments available

A public service workshop sponeored by:

Wisconsin DNR, Racine County, SEWRPC, and Root River Council









Mission:

The Root River Council is committed to the revitalization and redevelopment of the Root River to:

- · Create a sense of place
- · Promote economic growth
- Improve water quality
- · Increase public river access

'The Future of Horlick Dam'

A Free Public Workshop

Monday, December 12, 6:30-8:00pm River Bend Nature Center 3600 N. Green Bay Road, Racine

Agenda

6:30pm	Introduction	Jim Chambers, Chair, Root River Council	2 min
6:32pm	Introduction	Monte Osterman, Root River Council Racine County Supervisor, District 3	5 min
6:35pm		Julie Anderson, Director, Racine County Public Works & Development Services	10 min
6:45pm	Presentation	Laura Herrick, P.E., CFM Chief Environmental Engineer Southeastern Wisconsin Regional Plannin	45 min g Commission
7:30pm	Questions and Answers		
	Refreshments		







Horlick Dam

Public Workshop #3

The Future of Horlick Dam

January 30th, 2017 at 6:30 PM at the Racine County Ives Grove Office Complex,

14200 Washington Ave

A Public Workshop sponsored by the Root River Council,

Racine County, Wisconsin DNR, and SWRPC.

Residents look for answers on Horlick Dam replacement

Jonathan Brines Jan 31, 2017

Subscribe for \$1/mo.

Regardournationes commencatural treaterns focus for a naviers commencer regardern extension, deft of \$6.6 or 10.5 of a bitto 445017 focus? Sixth

477

12/14/2019

Residents look for anguers on Hartisk Dank replacement | Local News | journalitimes pers



Members of the public and local officials listen to a briefing on options for removing or regaining the Horlick Dam during a meeting Monday night at the lives Grove county building in Yorkville.

Jonathan Brings

YORKVILLE — Some residents expressed frustration during an informational meeting Monday night on what to do with Horlick Dam.

A crowd of about 50 attended the meeting at the Racine County Ives Grove Office Complex, 14200 Washington Ave., to hear from county officials about the dam's future.

Southeastern Wisconsin Regional Planning Commission officials have recommended the dam be abandoned and removed at an estimated cost \$551,000, although other options are on the table.

https://gg.majtimas.ggm/havatipgal/vasidams-lago-tyn-arayana-no-no-figo-dam-rapidagamanternife_dah1766-a110-5474-bitso-dabb-176565 hami

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12116/2019

Basidams look for anavers on Hofisk Dam replacement | Local News | Journalisms com-

Built in 1835 and rebuilt four times since then, the state Department of Natural Resources believes the dam may not be able to withstand a 100-year flood and ordered the dam be repaired or removed by 2024. "Ultimately we need to come to a resolution with this. If we choose not to do anything,

that's on us," Racine County Executive Jonathan Delagrave told the audience.

Delagrave said the County Board has not made a decision.

Julie Anderson, the county's director of public works, said removing the dam would cost an estimated \$551,000. That option would reduce the width of some of the widest areas of the river by half, according to officials. Some residents expressed concern over

the unforeseen costs to the county or residents to repair the damage left behind by such a move.

At issue for some is the potential for loss of recreational opportunities. For example, water levels near the boat launch could drop from 8 feet to $\mathfrak s$ to $\mathfrak s$ feet.

"The dam holds that water back and gives us the opportunity to snowmobile in the wintertime, four-wheel in the summertime, fish up there and canoe and kayak. I think it has a lot of recreation value," longtime resident Cary Kennedy said.

Kennedy said he also is concerned animal life will be affected in unknown ways if the

"If you take the dam out, the salmon will need tennis shoes to get up river," one unidentified resident shouted out during the meeting.

regal/journatives com/nevalocal/selderse/actofor-answers-on-norlich-dem-regissersentantits_dath p768-a110-5674-absoldedon71abb/5 /reni

dam is removed.

There are alternatives to removal; some of those involve expensive sediment removal that has to be assessed for contaminants, officials said.

Alternative 1 would take 3 feet off the top of the dam to get it back to DNR specs and cost an estimated \$411,000. Alternative 2, with an estimated cost of \$555,000, would bring the dam back to DNR specs and include a fish passage for salmon to get past the dam.

Alternative 3, the most expensive option at \$998,000, would lengthen the spillway and raise abutments. Alternative 4, at an estimated cost of \$483,000, would remove a notch out of the center of the dam to allow the water to flow better.

Anderson said officials are concerned a repaired dam might leak causing unforeseen maintenance costs.

"We've never removed a dam in Racine County. It is a big undertaking," Anderson said.

Waukesha water impact

One unknown impact is the effects of the future Waukesha water diversion that will send treated water down the Root River and, with it, the potential for additional sediment.

Anderson said the impact is not known and officials are waiting for the legal challenges to the proposed diversion to be worked out first. Waukesha would return the treated wastewater to the Root in exchange for obtaining water from Lake Michigan.

https://journaltimes.com/news/local/residents-look-for-answers-on-horlick-dam-replacement/article_4bf1d768-e110-5d7d-99bd-982b17fa26f5.htm

12/18/2019 Residents look for answers on Horlick Dam replacement | Local News | journaltimes.com

Caledonia resident Ted Schubilske, who lives near the river where it meets 4 Mile Road, is concerned officials don't have enough information to pick the proper alternative.

"You have the cart ahead of the horse here. Instead of worrying what the dam is going to look like, you got to figure out what to do with the sediment then figure out what to do with the dam," Schubilske said.

Anderson said Schubilske had a fair point and said officials need to look at the entire package.

While Delagrave said Monday's meeting was for informational purposes and not for the public to submit their opinions, some in attendance could not help it.

"They don't have enough answers yet," Kennedy said.

Anderson did not downplay the need for more information on the impact of the various alternatives.

"There are a lot of unknowns at this time. These are all the things we need to look at as we move forward," Anderson said. "I hope, by sharing this with you, so you can see the kind of conundrum we're in right now."

Anderson said she has applied for a Great Lakes restoration grant and is looking to others to help pay for the project before a decision from the County Board can take place.

https://journaltimes.com/news/local/residents-look-for-answers-on-horlick-dam-replacement/article_4bf1d768-e110-5d7d-99bd-982b17fa26f5.html

ienis-luok-ioi-answeis-ui-inonick-dam-iepiacemenvanicie_4brid/00-e110-3d/d-55bd-562b1/1a2bi5.html

Residents look for answers on Horlick Dam replacement | Local News | journaltimes.com

"(We're) going after funding sources to try to build up some money in an account to get some of these questions answered," Anderson said.

12/18/2019

Horlick Dam

Public Workshop #4

June 26, 2017

REC Center 1301 W. Sixth St. Racine



JUN Horlick Dam Workshop 26 Public - Hosted by Root River Council

Monday, June 26, 2017 at 6:30 PM - 8 PM

More than a year ago

✓ Going

REC (Root River Environmental Education Community O Center) 1301 W 6th St, Racine, Wisconsin 53404

★ Interested

...

Show Map

About

Discussion

EMAIL NAME JIM CHAMBERS JUMP FULLARCHITEUS , COM riceyele ad com tic Lange ejnwilks Ogmail. com CARLA WILKS Rurben & wi.rr.com Karen Orben Marybeth Zuhlke marybethizuhlke egmailicam moenso.lyon eg mail com Stephen Lyon HARRY JOHULZ pscholz60wirrican Held Russell Heldiann 815@gmail.com Spencer, Carlson & Quant. com Spencer Carlson schulz Quup. edu Laura Schulz DAVE KRNEGER during ZEATTINET Potrick & Mindy Flynn flynns@iracineonline.com

Goal #2- Parklands

Invasives Removal

Garlic Mustard Pickin' Party





Change this...

...to this!

Saturday, May 6, 9:00 to 1:00 Meet at Lincoln Park, past the Steelhead Facility.

We have gloves and trowels, or you can bring your own.

Lunch and music provided at noon.

Music by the Garlic Mustard Pickers Band!

Dress for the weather, drizzle or shine;
wear long pants and closed toed shoes.
Contact: melissa.warner3@sbcglobal.net or (262) 639 -0918

Earth Day Event brought to you by:

























Like

Root River Council

Comment

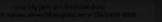
- April 10, 2017 · 🚱

Write a comment...



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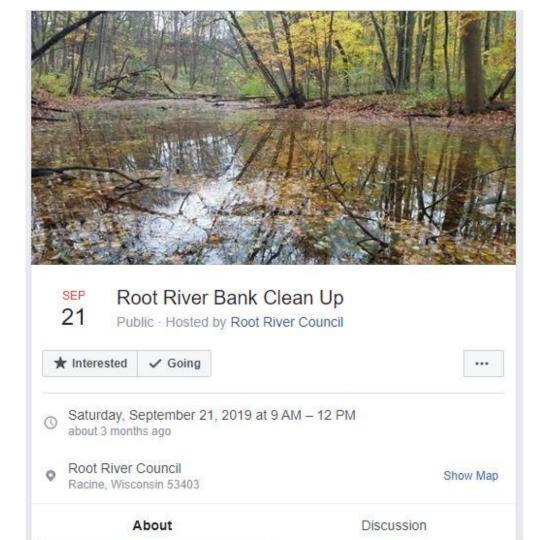




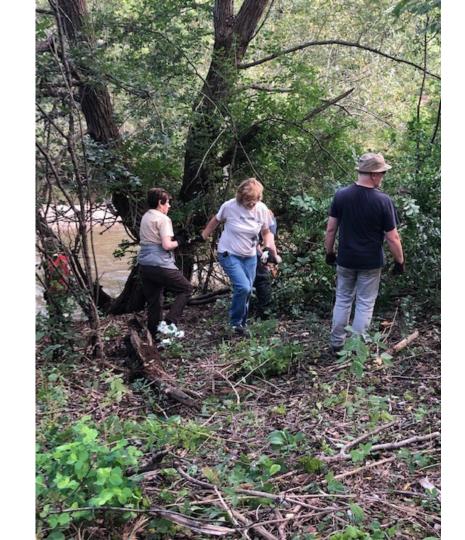




Riverbank Cleanup









Paddle Event

Note: All festival events included paddle events on the river for a total of 5 paddle events.











To Register: www.rootrivercouncil.org 262-672-0283

Root River Council Revitalizing Racine's Urban River Corridor

Meeting with Parks Dept



This is a summary of the meeting that took place between the Chair of the Root River Council and the Director and staff of the Racine, Wisconsin Parks, Recreation and Cultural Services Department.

On December 18, 2019 Marvin Letven, Chair of the Root River Council met with Tom Molbeck, Director of the City of Racine, Wisconsin Parks, Recreation and Cultural Services Department along with Jamie Kirkwood, Recreation Program Coordinator and Becky Spika, Administrative Assistant.

The purpose of this meeting was to discuss a partnership between the Root River Council and the Racine Parks Department. The intent is to develop multiple programs together during the summer months that highlight the River Root and its environs.

Examples of potential programs:

- Weekly walks on a certain day every week in a different park along the river pointing out amenities such as fishing areas, canoe launches and buthrooms.
- On some weekly walks have someone with knowledge point out the plant life along river's edge.
- Other weeks have someone knowledge point out the many bird species along the way.
- Have a music night in one of the parks along the river where anyone can come down to the river and play.
 Encourage residents to bring a picnic basket or buy from a food truck and sit on the grass and enjoy the music and the park.
- Have 2.5K and 5K runs on the Root River Pathway which extends from the Racine harbor to Quarry Park, p. distance of four miles through the nine parks along the river.
- Have clean-up days along the riverbanks to remove invasive species in the parks.
- Together improve mapping of the nine purks showing everything from roads into the parks, to rest rooms, fishing and cance launches.
- Make better use of the Recreational Education Center (REC). Have it open more hours with more
 educational programs related to the plants, fish, and pollution along the river adjacent to our parks.
- Have a senior day in collaboration with the University of Wisconsin-Parkside (Al.L.) Adventures in Life-Long Learning group that would include a walk and picnic in one of the parks along the river.

In summary, the purpose of these programs is to create a sense of place for the residents of Racine to enjoy.

River Festivals

Root River Festival - August 27, 2017 Educational Presenters and Storytellers

Education Presentations

12: 30- Keith Kohlmann. Topic: History of Root River

1 p.m.- Kay Gregor. Topic: Landscape architect, Jens Jensen, and the Racine Park System

1:30p.m. - Dr. Steven Lyons. Topic: Natural Treatment Systems:

The use of constructed wetlands for cleaning of surface and storm waters

2:30 p.m. - Aszya Summers (Racine Zoo conservation education manager) Topic: Climate Change 101

Storytelling

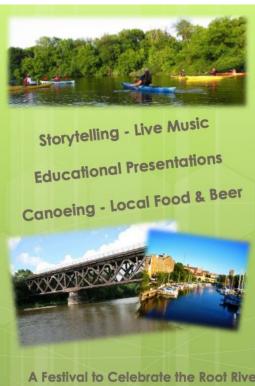
3:00 p.m. - Mark Summer. Topic: "Giver Her the River"

3:30 p.m. - Geraldine Bode. Topic: "Mindfulness of language and gratitude"

Education Presentations

4:00p.m. Dr. Steven Lyons. Topic: Natural Treatment Systems (repeat)

4:30 p.m. Aszya Summers. Topic: Climate Change 101 (repeat)



2016 **Root River** Festival

When: Sunday, September 4, 12pm - 6pm

Where: River Bend - 3600 North Green Bay Road, Racine, WI 53404

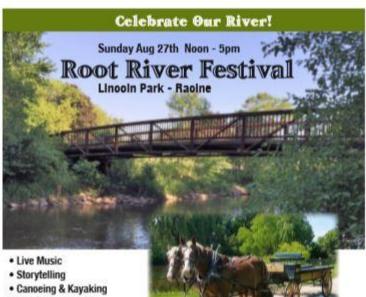




A Festival to Celebrate the Root River's Past, Present and Future







- · Interfaith Invocation
- Environmental Education
- . History of the Root River
- . The Work of Jens Jensen
- . Kid Stuff
- Food Trucks
- · Biergarten

Free to the public!





Sponsors





Energies







Lincoln Park, 2200 Domanik Drive, Racine . Email: rootrivercouncil@gmail.com



- Live Music
- Storytelling
- Canoeing & Kayaking
- Interfaith Invocation
- Environmental Education
- . History of the Root River



- · Jens Jensen Original Monologue
- . Kid Stuff
- Food Trucks
- · Biergarten
- Rubber Ducky Derby





Sponsors















August 16 - 3





Goal #3- Connections

Connections

Signage



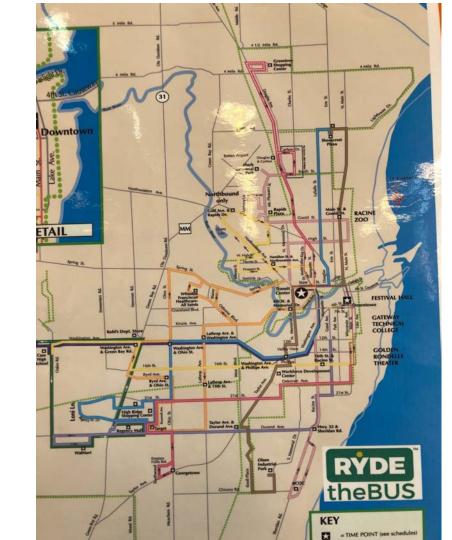












Paint on the Street









Goal #4-Machinery Row



Presentation of the Conceptual Design for the River Loop North Area

A priority project of the RootWorks Initiative



Public Open House & Presentation



5:00 to 7:00pm Presentation at 5:30 21st Century Preparatory School Auditorium 1220 Mound Avenue #102 Racine, WI 53404



A critical section of the planned 2.5 mile

River Loop, the vision for the north side of the Root River Loop is to create a unique public space that builds upon existing assets and modes of activity

while providing a greater connection with the larger RootWorks Area and Downtown Racine.

This work is intended to build upon the significant public and private infrastructure already in place in the North Loop area, and contains numerous features and activity nodes providing a rich experience to users while celebrating nature, outdoor education and Racine's history.















At CNH America.









Write a comment...







Save the Date

ANNUAL MEETING

November 30, 2016

6:30 pm

Gateway Technical College

Racine Campus

Racine Building, Michigan Room

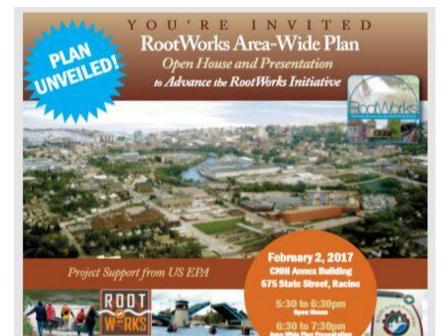
Agenda:

- Briefing by planning consultant Vandewalle & Associates on the new RootWorks Plan.
 - Review of 2016 activities Preview of 2017 Activities
 - · Election of Directors to Council Board

Light refreshments will be served.

Mission:

The Root River Council is committed to the revitalization and redevelopment of the Root River to: Create a sense of place, Promote economic growth, Improve water quality, and Increase public river access and interaction in the City of Raoine.



Join the RootWorks Project Management Team for either or both of the following events on 2/2/17:

- 5:30-6:30pm: Interactive Open House led by the RoofWorks Project Management Thum.
 Participants can take a self-panel four through the planning was to discover the accommended projects and current and future development activity planned for RoofWorks.
- 6:30-7:30pm: The Project Management Tham will lead attendeds through the major findings and recommendations of the finalized Area-Wide Plan. The presentation will highlight critical next steps and partnerships and inform attendees how to get involved.





For Moro Information please centuri. Antas Gierre, Vandensele & Associatos giamethosolowalla.com er 414 988 8032

ACKNOWLEDGMENTS

Prepared by Vandewalle & Associates, Inc., led by and in partnership with the RootWorks Project Management Team:

Mayor John Dickert

State Representative Cory Mason

Julie Anderson, Racine County Director of Public Works &

Development Services

Amy Connolly, AICP, Director of City Development

Tom Friedel, City Administrator

Rachana Kothari, Racine County Economic Development Corporation

Brian O'Connell, Root River Council

Matt Sadowski, AICP, Assistant Director of City Development

Vanessa Llanas, Southeast WI Regional Representative for US Senator Tammy Baldwin

George Whitaker, Manager, State Government Affairs, Case New Holland Industrial

EXTRAS



ECOFEST

ICE CREAM SOCIAL





March 2, 2017 - Edited 3

Root River Council's president, Jim Chambers, presented information of the Root River watershed and how the Root River Council is involved to members of the Green Racine Congregations in late February. It was great to reach out to more people in the community.

1 Comment





Comment Share





Megan O'Driscoll Good work, Jim!

Like Reply 2y







