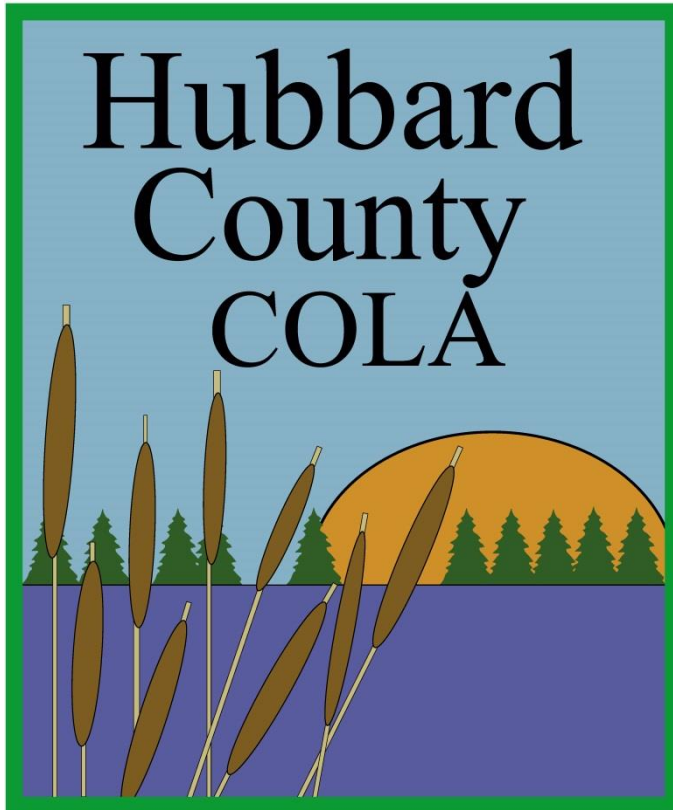


HC COLA Mid-Summer Update

Hubbard County Coalition of Lake Associations:

- 30 Lake Associations Representing 42 Lakes & over 2350 members
- 501c3 formed in 1988
- Mission to protect & enhance the quality of our lakes & rivers, preserve the economic, recreational & natural environmental values of our shorelands & promote the responsible use of our waters & related habitats.
- 21 years water quality monitoring - RMB Environmental Labs
- 10th year of watercraft inspection education at the public accesses
- Educate at the Hubbard County Fair in Environmental Educ Bldg
- 3rd year of Eyes on the Water surveying program for zebra mussels/AIS
- 2nd year of collaboration in ACTION Park Rapids Lakes Area
- 2nd year HC COLA Charitable Fund Grant RFP - NW MN Foundation
- HC COLA Serving on Advisory Team for One Watershed One Plans
- HC COLA Meetings Open to Public to Share Educational Speakers

HC COLA Logos



Began Use in 2018 for Water Monitoring:

- Water Quality
- Aquatic Vegetation
- Aquatic Invasive Species (AIS)

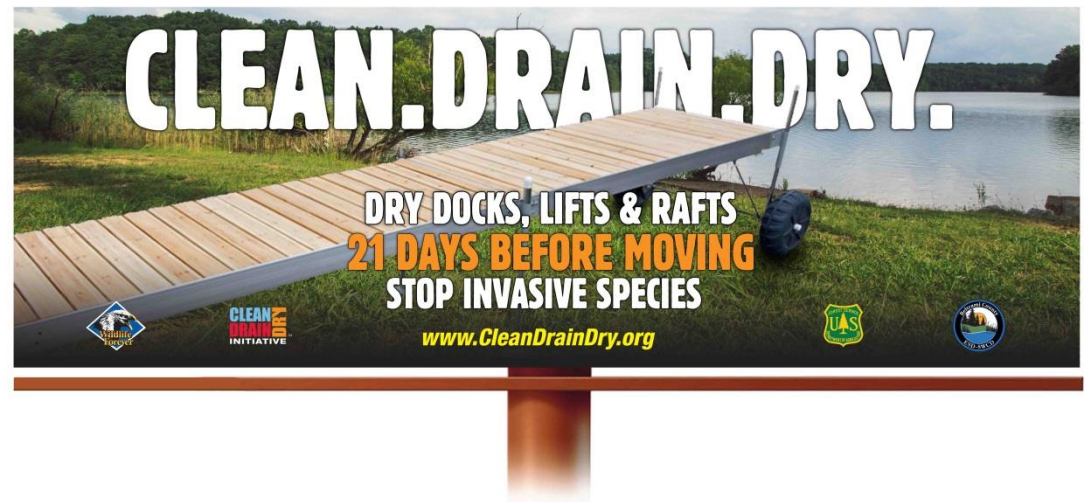
HC COLA Billboards & Movie Theater Promos

AIS Prevention Messaging on Radio & in Newspaper



2018 on Hwy 34 E near Akeley

Partnering with County in 2019



Park Rapids Lakes Area Fishing Expo – Friday April 12, 2019 – HC COLA co-sponsored and part of messaging was on AIS Prevention. Attended by 230

Free Admission

**PARK RAPIDS LAKES AREA
FISHING EXPO**

Friday, April 12, 2019 • 6:00 p.m. - 9:00 p.m.

RIVERSIDE UNITED METHODIST CHURCH
1005 Park Ave. N. (Hwy. 71) • Park Rapids, MN



Featured Guest Speaker: Chip Leer

Chip Leer is a 2019 Freshwater Fishing Hall of Fame inductee, fishing guide, outdoors communicator, product promoter and developer. He is the stage and TV host for the Cabela's National Walleye Tour.

MEET REGIONAL FISHING GUIDES, PANELISTS & MEDIA

- *Learn New Techniques* • *Ask Questions* • *Book Trips*

Learn about the latest equipment and how to protect our fishing resources!

SPECIAL GUESTS INCLUDE:

Jason Durham "Go Fish!" Guide Service" Park Rapids/Nevis Area
Brian "Bro" Brosdahl "Bro's Guide Service" Bemidji Area
Jason Freed "Leisure Outdoor Adventures" Leech Lake Area
Paul Nelson "Bemidji Area Lakes Guide Service" and writer for *The Bemidji Pioneer*
Kev Jackson Host and Producer of "Fishing Paul Bunyan Country"
And more....

The Expo Team includes representatives from the Hubbard County Coalition of Lake Associations (HC COLA), MN Department of Natural Resources, Riverside United Methodist Church, and Hubbard County Environmental Services.

Fun Pictures from the HC COLA Activities



2018 HC COLA Highlights include & many of the ***2019 Adventures***

- Community Ed - Protecting Our Lakes & Rivers – You are Part of the Solution & ***4/4/19***
- Century Adventures – 7 stations in PM & ***6/28/19 Water Pollution Expedition***
- Kinship Mentors – Good Fishing Habits & ***2019 updated info***
- **Hubbard County 4H – Shoreland Buffer Install at Northern Pines - 6/3/19 PM**
- **Restore the Shore Class & Hands On Planting co-sponsored 6/13/19 – timelapse video:** <https://www.crowwing.com/blog/shoreland-restoration-in-front-of-the-lodge/>
- **Wolf Lake – Beltrami / Hubbard Border –Starry Stonewort Containment Mtgs**
- Girl Scouts Troop 408 PR – 40 Zebra Mussel Settlement Samplers Created & ***200 more created for adoption in 2019 & instruction booklet - Bronze Award Recvd***
- **HC COLA Showcase Table at “Water Connects Us All” – Walker – 6/17-18/2019**
- **Cede Waldo, senior at Kelliher - YouTube Video Win & Spiny Waterflea Models 6-27**
- **Eagle Scout Project – created Wolf Lake WMA Kiosk, Spring '19 – learn more from the Boy Scout, Isaac Zinniel on 7/25 5:30 PM at Northwoods Bank Community Room – Refreshments served**
- **Hubbard County Loon Monitoring & DNR nongame wildlife speaker 7/25/19, 6 PM**
- **Aquatic Vegetation ID Class coming up Friday 7/26/19 at Northwoods Bank from 10 AM to 2 PM – free class and complimentary lunch – unique opportunity – register with Sharon at hcCOLAmn@gmail.com – see flyers here today**
- **Starry Trek – 20 public accesses examined for Starry Stonewort & *Help 8/17/19***

Watercraft Inspection Education

EUBBARD COUNTY WATERCRAFT INSPECTION SUMMARY 2009 - 2018

Total Number of Inspections per Year, % of Watercrafts entering from infested waters and % of Watercrafts with Drain Plug in on Arrival

Year	Total Number of Inspections	% Entering from infested waters	% Drain Plug in on Arrival
2009	910	NA	NA
2010	1772	NA	NA
2011	1236	NA	NA
2012	7,129	NA	NA
2013	10,664	9.5%	5.3%
2014	13,785	13.35%	2.37%
2015	21,059	9.01%	2.74%
2016	22,757	10.98%	1.15%
2017	21,559	12.55%	.87%
2018	21,725	21.33%	.68%
Total Number of Water Craft Inspections 2009-2018	121,360	Risk from watercraft coming from infested waters continues to increase!	Decrease in % of drain plugs in on arrival demonstrates success with Watercraft inspection program!

Community-Based Social Marketing & Awareness Education

Make the Commitment to Protect **Your** Hubbard County Lakes & Rivers!

Clean and **Drain** Your Gear and Equipment **Before** Moving From Lake to Lake / River! Why? Aquatic Invasive Species (AIS) can be in / on these...



Clean and Drain Gear and Equipment:

Personal Watercraft
Wake Boat
Water Toys
Anchors
Boats/Trailers
Rafts & Lily Pads
Used Docks/Lifts
Used Water Pumps
Rented &/Or Used Gear
Dock Installer Gear
Waders / Decoys
Scuba Gear
Canoe/Kayak/Paddles



Clean off any:

Mud



***Aquatic
Plants***



***Prohibited
Species:***

Zebra Mussels

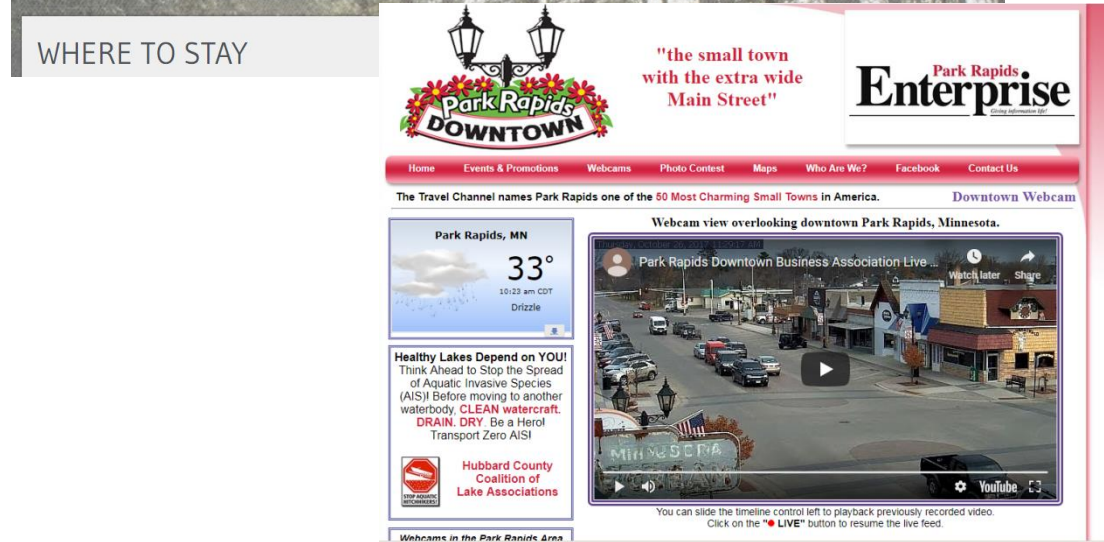
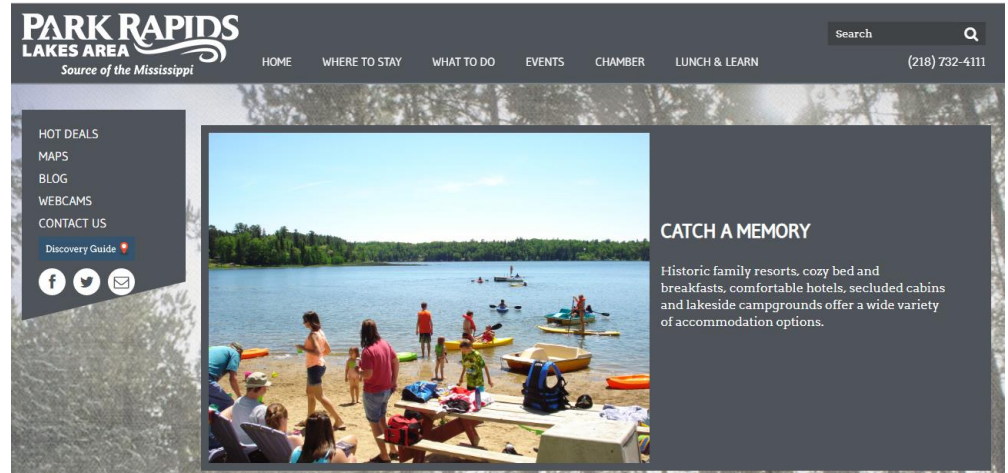
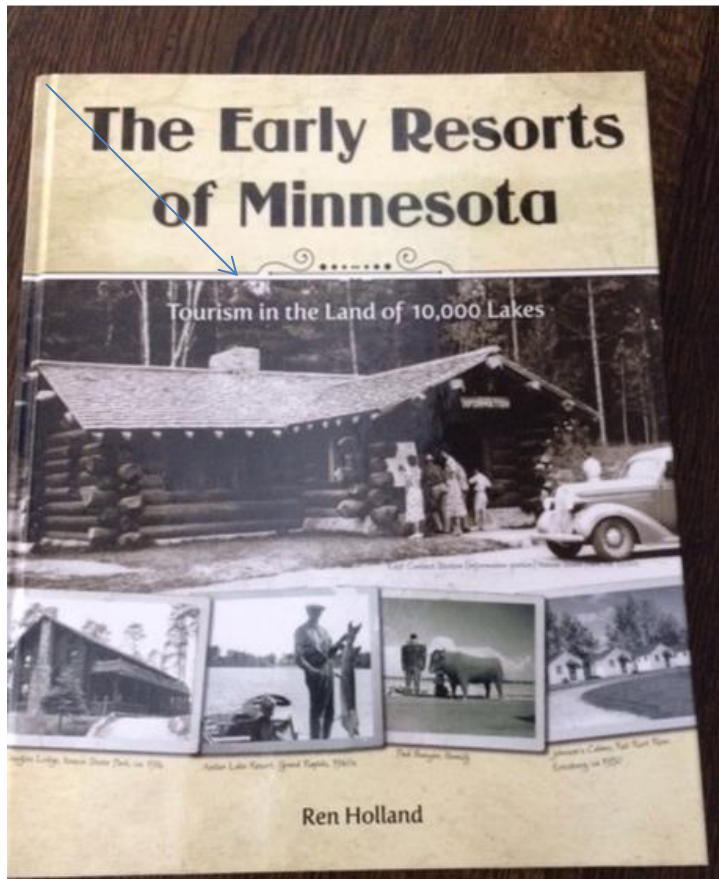


***& Drain WATER...
Bilge, Live Well, Bait!***



***Keep Your Waters Great!
Use Tap Water for Your Bait
Preserve Your Lake!***

Reaching out to Lakeshore Owners, Friends, Family & Guests



Hoping to reach other water users too – who are guests of lakeshore property owners ,
for example:

Airbnb, Inc. [US]

Eyes on the Water – Survey

Goal: Ring Around Each Lake

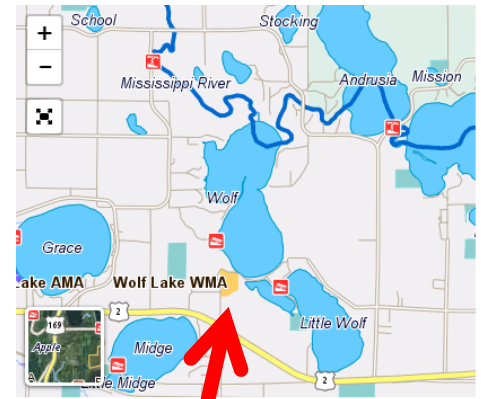


HC COLA "EYES ON THE WATER" AIS LAKE MONITORING DATA BASE (12/18/2018)

PURPOSE: Expand Hubbard COLA's "eyes on the water" lake monitoring program and develop a system for tracking progress with lake monitoring program. The information below highlights progress that has been attained in HC COLA's lake monitoring program. DKK - 12, 18, 2018

TOPIC / ACTION	2018	2017	2016 (Pilot)	COMMENTS
"Eyes on the Water" On-line Survey Number of Respondents	146 of 220 (66%)	126 of 142 (89%)	68 of 108 (63%)	Promotes Awareness, Action, Education, Intensity & Communication.
COLA lakes responding to on-line survey	29	29	24	
Non-COLA lakes responding to on-line survey	6 (1 Becker lake)	4	1	
Respondents using monitoring device (settlement sampler, PVC tube, cinder block)	115	85	59	
Survey respondents that monitored Docks & Lifts	Docks = 131 Lifts = 85	Docks = 100 Lifts = 70	Docks = 57 Lifts = 30	
Inspect public access sites searching 100 ft. of shoreline on either side of access?	24 / 24%	24 / 26%	NA	Increase monitoring at public access
Inspect high risk sites such as: inlets/outlets, resorts, PUD's/private access sites	15 / 15%	23 / 25%	NA	Increase monitoring at high risk areas.
Would you register for a training session?	Yes – 84	Yes – 75	NA	Opportunity for aquatic plant identification training
Early detectors trained through HC COLA	24			213 lake volunteers trained since 2006
Veliger Sampling	19 lakes	19 lakes	2015 & 2016: 29 & 30 lakes	Expand veliger monitoring to 2015/16 levels.
Spiny Waterflea (SWF) sampling	8 lakes	8 lakes		
Aquatic Vegetation sampling and mapping Emergent & Floating Leaf Aquatic Vegetation Submerged Aquatic Vegetation	10 lakes since 2005			Big Sand, Boulder, Kabekona, Little Sand, Long, Plantagenet, Portage, Potato, Spider, 10/11 Crow Wing

Response Plan on Starry Stonewort AIS in Wolf Lake: HC COLA, both Hubbard & Beltrami County AIS Programs, DNR & Others



- Access signage & kiosks
 - 1 volunteer builder ID'd as PR Eagle Scout project for WMA undeveloped access where SSW was identified in Starry Trek
 - 1 volunteer builder still needed for public access
- Landowner letter mid March
- Informational Mtgs May & June
- SSW identification class on the water in July for Wolf Lake landowner team
- Caution – AIS buoys
 - Avoid chopping the SSW by lifting motor as fragments spread it
- Monitoring
- Car counting
- Survey of Starry Stonewort in July 2019 by DNR
- Coaching / mentoring – Wolf Lake Residents and water-users to prevent the spread within the lake and to other waterbodies

To Be Continued....

HC COLA's mission enhances, promotes and protects the interests of lakeshore property owners, lake associations, local government, the general public and future generations.

- www.HubbardCOLAmn.org
- <https://www.facebook.com/Hubbard-County-Coalition-of-Lake-Associations-171630942993959/>
- Also on PRLA Chamber of Commerce, Downtown Business Association, VolunteerHeartlandLakes, participate in ACTION Park Rapids Lakes Area 90-day meetings, & in Residents Guide
- Articles in Papers, radio clips, presentations at organizational meetings!
- Thank you in advance for sharing your ideas with us too!