

Established 1983

Winter 2024

The Big Chip News

Thinking in Systems

by Mike Gardner CFAPOA Chair

Systems thinking is a way of seeing the big picture and the connections among its parts, rather than focusing on isolated details or linear causes. Systems thinking is not a fixed method or tool, but a mindset that requires curiosity, humility, and openness to multiple perspectives and possibilities. For the Flowage this mindset is best represented at the quarterly Chippewa Flowage Partners meetings. Decisions are made by a diverse representation of the LCO Tribe, Xcel Energy, Natural Resource agencies, conservation, resort, and property owner interests. Utilizing science and the best available data considerations are given to water level, fisheries, forestry, recreation, and aquatic plant management.

A key component of a strong system is resilience: the ability to bounce back after being stressed. Think of resilience as the range of conditions in which a system

can perform normally. We ask ourselves following a low water year and a habitat drawdown, will the Flowage fill up by the fishing opener? Will the drawdown have the desired cumulative effect on aquatic invasive species? As we

We ask ourselves following a low water year and a habitat drawdown, will the Flowage fill up by the fishing opener?

ponder these questions keep in mind that resilience is not about not changing. Long time Flowage observers can expound on the numerous changes over time. As an organization of property owners our 2024 focus should be on the capacity of the Flowage to absorb disturbance and reorganize so as to retain essentially the same

See more Christmas Party photos on Page 5!



function, structure and feedbacks – to have the same identity.

Donella Meadows was an American environmental scientist, educator, and writer who stated:

“We humans are smart enough to have created complex systems and amazing productivity; surely we are also smart enough to make sure that everyone shares our bounty, and surely we are smart enough to sustainably steward the natural world upon which we all depend.”

She is best known as the lead author of the books *The Limits to Growth* and *Thinking in Systems*.

CFAPOA Needs Your Help

With your membership, you can volunteer and help us with our mission to:



The Complex Chippewa Flowage

by Mark Zich

The Chippewa Flowage is the 5th largest water body in Wisconsin and it is indeed a reservoir and a very unique reservoir compared to other downstream-Chippewa River reservoirs. This article will address some of the variables related to water levels on this unique water body.

Water level fluctuation is perhaps the single most controversial issue associated with the Chippewa Flowage and hopefully this article and links to information will provide a few informative insights into the complexity of water levels on the Flowage and how they are managed.

If interested in current Flowage water levels or outflows access daily elevation using the new hyperlinks added to the CFAPOA web site. The links are embedded in the graphic on the CFAPOA web site. Also, some additional information exists in the link regarding historic Flowage water levels and a fairly comprehensive, complex five-page decision matrix describing how Habitat Drawdown decisions are determined by Xcel Energy and the Partner's Group. The decision tree is referred to as the Chippewa Flowage Habitat Drawdown (HD) Recommendation

Reservoir Levels and Discharge Rates

Discharge and reservoir data is provisional and subject to revision until they have been thoroughly reviewed.

Chippewa Flowage

[Chippewa Flowage Data \(external link\)](#)

Elevation (feet): 1309.02

Discharge (cfs): 400

Full pool (feet): 1313.00

Information last updated: 1/4/24

Guide v4.0 and the current version was approved on 4-6-2023. The historic water level graph depicts how water level drawdowns have varied significantly over the past 100 years on the Flowage and how full pool has remained consistent.

Once the hyperlink is selected proceed to the bottom of the webpage and click on the Chippewa Flowage. The current water elevation in feet is provided as is the current discharge in cubic feet per second. It is important to note that the linked Habitat Drawdown matrix is different than the hydro-operations drawdowns which are also explained at the end of the document

A variety of variables directly impact water levels on the flowage and they include annual rainfall, snow pack, evaporation, dam outflow, Moose Lake fall

drawdown and river/stream inflow. For example, approximately 70% of the water that fills the Chippewa Flowage comes from the East and West Forks of the Chippewa River which is why Xcel Energy monitors those inflows closely. These past few years the water shed that contains the Flowage has encountered periods of summer drought and the Flowage has been impacted significantly.

Water level changes can have both positive and negative impacts on the ecosystem and our understanding of these impacts will increase over time. For example, there are indications, based on WDNR fish surveys that young-of-the-year natural walleye reproduction increases with habitat drawdowns. There are also preliminary indications that the spread of invasive Eurasian watermilfoil (EWM) may be hampered with habitat drawdowns which is preferable to having to use herbicides to control EWM as many lakes do. Also, an early full pool water elevation with large melting ice sheets and high winds increases the potential for shoreline damage and increased erosion.

Continued on Page 3

Chippewa Flowage Water Level

Click the link below and scroll to the bottom of the page.

[Current Water Level - Select Chippewa Flowage](#)

[Click Here for more info on how levels are set](#)

Continued from Page 2

All of these issues are complex and continue to be researched to better understand and improve management of the resource.

The following on-going projects help us learn more about the Chippewa Flowage. The LCO have completed a Twenty-One island erosion study to determine a baseline for future erosion comparison. In addition, annual projects include aquatic plant surveys, WDNR fish surveys, and invasive purple loosestrife mitigation.

As discussed in the Fall newsletter, CFAPOA is invested in continuing to expand upon aquatic plant surveys and invasive species mitigation as it relates to habitat drawdowns. CFAPOA will be working with USFS, WDNR and LCO to complete another subset EWM survey in late July 2024. Also, we have been working on obtaining the historic aquatic survey data and provide some of those results on our CFAPOA web site with access via the following URL:

[Eurasian Watermilfoil Locations Based on 2015 and 2023 Rake Samples \(arcgis.com\)](https://www.sawyercounty.gov)

The web mapping application has some tools that appear in the upper left that will allow users to manipulate data layers and turn on/off various data layers in the legend. Each sample point can be selected to see the data recorded at each sample location.

In the first paragraph of this article, it was mentioned that the Chippewa Flowage is a unique reservoir. The reason it is unique is because the primary function is to be a “holding pond” for the six

down-river, conventional reservoirs and the associated six hydro-electric operations. Xcel Energy utilizes the Chippewa Flowage reservoir to maintain minimum required flow rates for wildlife and the downstream Chippewa River fishery, control flooding and maintain enough water to release at times when energy generation is required during peak winter heating and summer cooling periods. One of the primary goals is to always fill the reservoir to full pool each spring. It is important to understand that there are numerous variables involved that managers

of the resource can control but mother nature always has the final say. Balancing the water elevations is always a priority with constant consideration given to do what is best for the Chippewa Flowage ecosystem and community.

Meeting the wants and needs of all of the diverse interests of the Chippewa Flowage is difficult considering all of the variables but the Partner’s Group work diligently at achieving that goal. We should all appreciate those that work cooperatively, to increase our understanding and management of this outstanding and complex resource.



Membership Update

by Patty Swaffield

Happy New Year Everyone!
Membership renewals are coming in slow but sure. So, if you have not sent yours in yet, please do so at your earliest convenience. It will soon be time to get the Membership Directory ready for print and we want YOU in it. The Member Registration is included with this Newsletter or use PayPal on our web page.

Thank you for your continued support!!

Listed on this page are those members that have contributed \$26 or more this quarter as well as Lifetime Member recognition.

Welcome New Members

Tony & Megan Schubert
Michael & Pam Turngren

Membership Levels

- \$25: Individual/Property
- \$26 to \$124: Contributor – newsletter recognition.
- \$125 to \$999: Steward – newsletter recognition and a gift.
- \$1000 and up: Lifetime Conservationist – newsletter recognition, a gift, and lifetime membership.

- * Contributor
- ** Steward
- *** Lifetime

Contributor

Dennis & Ruth Aaron
Kathy Baker
Bill & Judy O'Connell
Brian & Jennifer Remick
Steve & Jane Richardson
Kelly & Shiela Ries
Lynn Sennett
Mike & Cindy Stielow
James & Marcia Suchy
Gary & Tami Varilek
Ronnie & Cheryl Weberg
Darrel & Jean Weihert
Walt Wyczawski

Steward

Bob & Pam Cummings
JB, Adam & Spencer Ellis
Kevin & Janet Flesch
Dan & Marcia Hardy
Mark & Peggy Haumersen
Warren & Gretchen Hensel
John & Judy Hensler
Randy & Diane Hulke
Brad Krizan
Mike & Kris Maly
Mike & Lynn Muench
Floyd Nelson
Lance & Angela Paulson
Rick & SeDell Rehfeldt
Steve & Marilyn Schwarz
Jason & Mary Speros

Lifetime

Conservationist

Thank you for your Lifetime Conservationist donation. Your support and investment in our organization helps to promote our mission to keep the Chippewa Flowage clean and safe, to protect the environment. Thank you for your generous gift.

David Carland
Tom & Tia Clark
Chris & Jessica Conrad
Dean & Kristin Elmer
Joe & Lora Garceau
Chris & Patti Jeffords
Karl & Stephanie Kann
Brad Krizan
Douglas Kurtzweil
John & Shelley Lamoreaux
Mike & Kris Maly
Kyle & Sara Nemetz
Brian, Juliane & Tyler Novak
Brian & Sibley Pauling
Gene & Pat Schubert
Barbara Sealy
Tucker Silberhorn
Michael & Shirley Singer
Mike & Jennifer Treptow
Linda Treland
Richard & Lisa Uihlein Jr.

January 1, 2024 is the start of a new membership year. It's time to renew your membership. Renew online at www.cfapoa.org or use the form included in this newsletter.



CFAPOA Christmas Party



Doug Kurtzweil
2nd **\$75.00**



Dawn Bina, 1st
\$150.00

**50/50
RAFFLE**



Amanda Wilson
3rd **\$75.00**



Dennis was honored by CFAPOA for his years of service as a Board Member. He was presented with a copy of John Detloff's Book.





PO Box 555, Hayward, WI 54843
 E-mail: cfapoa@gmail.com Web: www.cfapoa.org

CFAPOA Member Registration/Membership Renewal

January 1st through December 31st

Member Name(s): _____

Member Information: (New Members please compete; Returning Members complete if information has changed)

MAILING Address			FLOWAGE Address (if different)		
City	ST	Zip	City	ST	Zip
Phone			Phone		
E-mail (for CFAPOA use only)					
Please send my Newsletter by email: <input type="checkbox"/> Yes <input type="checkbox"/> No			Do NOT publish email in Directory: <input type="checkbox"/>		
Note: Each paid membership receives one vote and one quarterly newsletter. Shared property owners wanting separate votes shall pay an additional membership fee. The CFAPOA is a 501(c)(3) organization and dues may be tax deductible.					

I am interested in Volunteering: (Please indicate choices)

Social Events Membership Invasive Species Loons Website Newsletter

Other: _____

Membership Levels: (Based on TOTAL CONTRIBUTION)

- \$25 Individual/Property
- \$26 - \$124 Contributor
- \$125 - \$999 Steward
- \$1000 and up Lifetime Conservationist

Contribution Designations:

- \$ Membership Dues (Must be \$25 or greater - for General Operational Expenses)
- \$ Additional donation to General Operating Expenses
- \$ Additional donation to Conservation Project Fund (for Board approved projects)
- \$ Additional donation to Conservation Trust Fund (Endowment retained for long term support)

\$ _____ **TOTAL CONTRIBUTION/PAYMENT**

Send check to: CFAPOA, PO Box 555, Hayward, WI 54843

Contributions of \$125 or more are eligible for a gift, please complete Page 2.

CFAPOA Member Registration/Membership Renewal, Page 2

Gift Selection: (Note: All items will have the CFAPOA logo)

Members making a total contribution of \$125 - \$499 may select **ONE** of the following gifts:

Men's Port Authority Silk Touch Polo **OR** Ladies Port Authority Silk Touch Polo
Size: (S through 10XL) and (LT through 4XLT) Size: (S through 6XL)

Men's and Ladies Polo Colors: (Please choose)

Red Pink Burgundy Maroon Lavender Light Blue Navy
 Teal Green Kelly Green Coffee Bean Steel Gray Black Marine Blue

OR Poly/Fleece Travel Blanket

Colors: Black Grey/Black Red/Black Royal Blue/Black

Members making a total contribution of \$500 - \$999 may select **ONE** of the gifts above or **ONE** of the following gifts:

Men's Midweight Fleece Hooded Jacket **OR** Ladies Midweight Fleece Hooded Jacket
Size: (XS through 4XL) Size: (XS through 4XL)

Men's and Ladies Jacket Colors: (Please choose)

Black Grey/Blue Grey/Citron

Members making a total contribution of \$1,000 or more may select **ONE** of the gifts above or **ONE** of the following gifts:

Men's 3 in 1 Jacket **OR** Ladies 3 in 1 Jacket
Size: (S through 4XL) Size: (S through 4XL)

Men's Colors: (Please choose)

Black Insignia Blue/Navy

Ladies Colors: (Please choose)

Blue/Black Berry/Black
 Red/Black Black

Mission Statement: The Chippewa Flowage Area Property Owners Association, Inc. (CFAPOA) is a 501(c)(3) non-profit organization, formed to generally promote, encourage, and foster the interests of all property owners. Its major objectives are: to keep the Chippewa Flowage area clean and safe for all people; to protect the environment; to provide a forum for the collection and exchange of ideas; to support acquisition of land for protection and conservation and to pursue any other lawful objectives that may benefit this pristine lake, its wetlands, wildlife and tributaries.

Chippewa Flowage Loon Rangers

Loon Counts Continue for Northland College's Annual Lakes Monitoring Program
by Mark Zich

The Chippewa Flowage Loon Rangers have been counting loons on the Chippewa Flowage for five years. Erica LeMoine, LoonWatch Program Coordinator, appreciates all of our volunteer efforts to provide Northland College the loon observations.

For those interested in viewing the five years of data collected it can now be observed in a web mapping application located at <https://arcg.is/0qrG4D>

CFAPOA thanks the following volunteers for their volunteer time collecting data in 2023 and we welcome any other members who would like to participate. Just send an email indicating your interest to markzich@rocketmail.com.

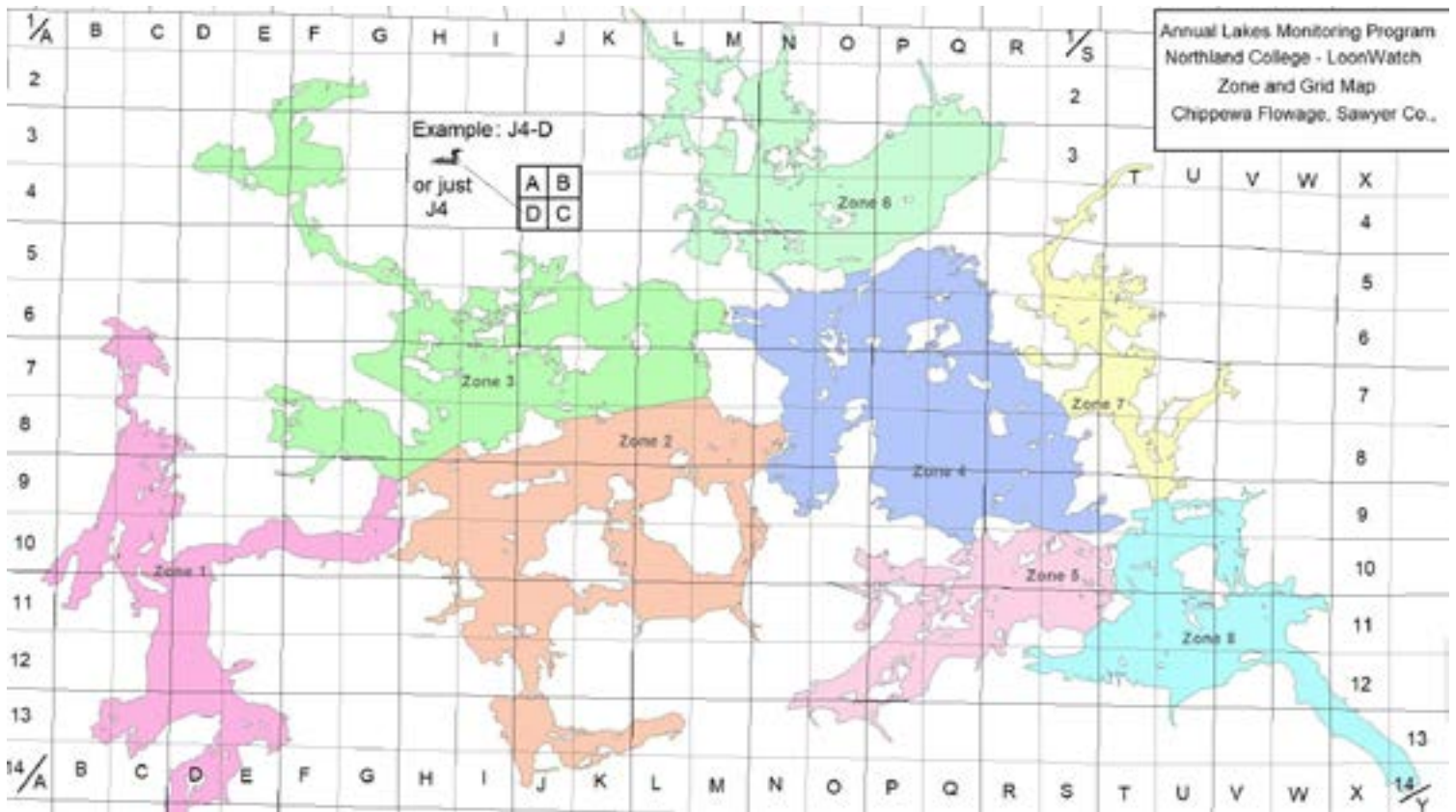
The historical, five-year data collected from 2019 to 2023 shows that loons are common on the Chippewa Flowage and are successful at raising chicks.

LoonWatch Volunteer	Zone
Mark, Brenda Mantey	Zone 1
John & Sam Donatell	Zone 1
Jean Landon	Zone 1
Joni & Mark Zich	Zone 2
Terri Tuggle	Zone 3
Janet & Kevin Flesch	Zone 4
Joe & Lora Garceau	Part of Zone 4
Terry & Debra Wall	Zone 5
Laurie Schubert	Zone 6 A West
Kathy Kroepin	Zone 6 A West
Bob Kondrasuk	Zone 6 B East
Daryl & Bonnie Hofer	Zone 7
Rick & Linda Olson	Zone 8

YEAR	2019	2020	2021	2022	2023
TERRITORIAL PAIRS	46	36	32	30	35
TP'S W/ AT LEAST 1 CHICK HATCHING	19	15	23	17	17
HATCHED CHICKS	29	28	35	21	26
CHICKS SURVIVED TO AUGUST	29	24	32	20	20
PERCENT CHICKS SURVIVED	100%	86%	91%	95%	77%
PERCENT TP'S HAD AT LEAST 1 CHICK HATCH	41%	42%	72%	57%	49%

Territorial pairs are mating pairs and they occupy territories often defined by sight. Pairs do not nest near each other and can often fight each other for prime nesting sites. Often the loon pairs are unsuccessful at hatching chicks. This can be attributed to predators who eat their eggs or due to rising water levels flooding nests or black flies which drive loons off from their nests. Typically, they incubate the eggs for 32 days and sometimes 1, 2 or more rarely 3 chicks are hatched in June or July. Due to predators, such as, eagles or large fish preying on hatched chicks or chicks that do not get enough feed they do not survive

through August which is why LoonWatch encourages counting loon chicks when they hatch and again in August. Once chicks make it to August they will survive and are the last loons to migrate south often in late October or even into November. Please give nesting loons and territorial pairs swimming with chicks plenty of space and keep watercraft back 200 feet.



Check out the CFAPOA Loon Ranger Volunteers Page for more information and for reports of past years.



**Loon Ranger
Volunteers**

Chippewa Flowage Observations

2022



2022 Loon Report and data.

2021



2021 Loon Report and data.

2020



2020 Loon Report and data.

2019



2019 Loon Report and data.

2018



2018 Loon Report and data.

2017



2017 Loon Report and data.

<https://cfapoa.org/loon-study-group>

Second Native Plant Sale

by Tony Schubert

After a successful 1st year, we are happy to announce our Second Annual Native Plant Sale. We have provided an order form below. The mix of plants are different this year. So, we hope that past planters will order more and mix things up in your gardens in 2024. All you need to do is choose the type of plants you want to purchase and fill out the form. Then send it to **CFAPOA PO Box 555 Hayward WI 54843** with a check for the amount of your total order, made payable to CFAPOA. You also may drop off your order form and check at the Town of Hunter Town Hall on Hwy CC. They have a mail slot you could use. We will place the orders with Dragonfly Gardens from Avery, WI and they will bring the plants to us.

I plan to receive the plants around the Memorial Day weekend. This will have to be confirmed with Dragonfly Gardens. So, we will **need your order form and check by April 30, 2023**. Again, I am planning the delivery to be at my lake house, 9580 N Summers Point Lane, Hayward WI.



That is just off Hwy B near Treelands. That way I can keep an eye on the merchandise and give you a few days window to pick them up. I would like to have **your email address**, since that will be the easiest way to keep you up to date.

The easiest way to have a successful planting is by purchasing the **Wetland Collection** and planting them at or near your shoreline. The small plants will find water easily and not need much or any further care. A wetland planting on your shore will benefit our lake greatly. The price is still only \$60.00 for 32 plants in a collection. That is a bargain for these quality plants.

CFAPOA Spring 2024 Native Plant Collections

Most likely consisting of these species:

Butterfly Collection

1. Anise Hyssop or Bergamot
2. Leadplant
3. Butterfly Milkweed or Whorled Milkweed
4. Smooth Blue Aster or Aromatic Aster
5. Lanceleaf Coreopsis or Prairie Coreopsis
6. Purple or Prairie Coneflower
7. Rough Blazing Star or Prairie Phlox
8. June Grass or Little Bluestem

Prairie Collection

1. Pale Purple Coneflower or Culver's Root
2. Showy Milkweed
3. Blue False Indigo
4. False Sunflower or Yellow Coneflower
5. Prairie Blazingstar (*L. pycnostachya*) or Meadow Blazingstar (*L. ligulostylis*)
6. Switch Grass
7. Indian Grass
8. Little Bluestem or Bicknell's Sedge

Wetland Collection


1. Marsh Blazingstar or Obedient Plant
2. Golden Alexanders
3. Cardinal Flower or Showy Milkweed
4. Sweet Black-eyed Susan
5. Blue Vervain or Culver's Root
6. Fox Sedge
7. Bottlebrush Sedge
8. Bluejoint Reedgrass

Woodland Collection

1. Columbine
2. Big-leaf, Short's, or Flat-top Aster
3. Purple Joe-pye Weed
4. Wild Strawberry
5. Northern Bedstraw (*Galium boreale*)
6. Woodland Phlox
7. Pennsylvania Sedge
8. Eastern Star Sedge



2024 Dragonfly Gardens Native Plant Collections Sale Program

<p>Hosted by CFAPOA Coordinator: Tony Schubert, 319-350-0067, tonycontract@gmail.com Pick Up Date and Location: Memorial Day Weekend 9580N Summers Point Ln, Hayward, WI 54843 Price Per Collection: \$60.00</p>	
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Buyer Name: _____	Payment type and Date: _____
Address: _____	_____
Phone/Email: _____	_____
I Would Like:	
_____ Short/Dry/Butterfly Collections	_____ Prairie Collections
_____ Wetland Collections	_____ Woodland Collections

Dragonfly Gardens Collections each consist of 32 native Wisconsin plants in 2" pots.
 Exact species composition is determined by the grower at time of assembly. Recommended spacing is 1 foot.*

Short/Dry/Butterfly Collection: For Full to Part Sun and Dry to Medium Soils. 1-3 ft. tall.

4 each of 8 different species (7 flowers and 1 grass) of any of the following:
 Anise Hyssop or Bergamot, Leadplant, Butterfly Milkweed or Whorled Milkweed, Smooth Blue Aster or Aromatic Aster, Lanceleaf Coreopsis or Prairie Coreopsis, Purple or Prairie Coneflower, Rough Blazing Star or Prairie Phlox, June Grass or Little Bluestem

Prairie Collection: For Full to Part Sun and Medium/Average Soils. 2.5-4 ft.tall.

4 each of 8 different species (5 flowers and 3 grass) of any of the following:
 Pale Purple Coneflower or Culver's Root, Showy Milkweed, Blue False Indigo, False Sunflower or Yellow Coneflower, Prairie Blazingstar (L. pycnostachya) or Meadow Blazingstar (L. ligulostylis), Switch Grass, Indian Grass, Little Bluestem or Bicknell's Sedge

Wetland Collection: For Full Sun to Part Shade and Moist to Wet Soils. 2-5 ft. tall.

4 each of 8 different species (5 flowers and 3 sedges) of any of the following:
 Marsh Blazingstar or Obedient Plant, Golden Alexanders, Cardinal Flower or Showy Milkweed, Sweet Black-eyed Susan, Blue Vervain or Culver's Root, Fox Sedge, Bottlebrush Sedge, Bluejoint Reedgrass

Woodland Collection: For Part to Full Shade and Medium to Dry Soils. 1-2.5 ft. tall.

4 each of 7-8 different species of any of the following:
 Wild Columbine, Woodland Phlox, Purple Joe-pye Weed, Wild Strawberry, Big-leaf Aster, Short's Aster, Galium, Pennsylvania Sedge, Eastern Star Sedge.

Clean Boats Clean Waters



Warm greetings to our Members!

During these quiet days of Winter, I thought this would be a good opportunity to tell you a bit more about how your CFAPOA has established a **first line of defense** protecting the beautiful Chippewa Flowage from invasive species. As this is a large undertaking it is divided into two groups under the **Aquatic Invasive Species (AIS)** umbrella, consisting of two programs:

- **Clean Boats Clean Waters** program (preemptive invasive animal/plant control & boater education)
- **Adopt-A-Shoreline Program** (monitoring of the near shoreline waters)

For today, we will focus on the Clean Boats Clean Waters (CBCW) team, what we do and challenges we encounter!

The CBCW team consists of:

- CBCW Administration (CFAPOA volunteers- usually 3 or 4)
- CBCW Inspectors (seasonal hired staff – usually 5 or 6).

For the past several years, the Admin team consists of three CFAPOA members who volunteer their time to run and support the program. For us, we have activities all year. During these early months we close out our grant from the previous year and apply for a grant for the coming season. This annual CBCW grant pays for a good portion of our program costs and the rest comes out of CFAPOA contributions. More about grants another time but be aware we need significant volunteer time to receive our maximum grant which is always our goal.

Beginning in April, the Admin team begin the process to establish a team of Inspectors to represent us at the landings for the upcoming season. Although referred to as Inspectors, the role of these employees is really one of a monitor who inspects and educates. The one-on-one connections the Inspectors have with boaters are key to effectively sharing the Clean Boats message.

Hired Inspectors will be scheduled at the public ramps (Hay Creek, CC North, CC South, and Winter Dam) for an average of 14 hours per ramp per week from Fishing Opener through Labor Day weekend. As this is seasonal employment, hiring starts with

an invitation back to past Inspectors who have done a good job for us. If new Inspectors are needed, advertising and interviews will happen until we fill our quota. When complete, the Admin team collects employment paperwork and payroll is set up.

As Fishing Opener weekend approaches Inspector training is provided by the **Aquatic Invasive Species (AIS) Coordinator for Sawyer County**. At that time, we provide Inspectors with CBCW clothing and supplies, as well as their work schedules. Beginning on Fishing Opener weekend, Inspectors are then off to their assigned ramp where they will be mentored until they are able to carry out their duties on their own, inspecting watercraft and teaching boaters how to



monitor themselves to prevent transfer of AIS.

As the weeks go by, ramp logs and timesheets are completed and turned in every two weeks. A member of the Admin team reviews the ramp logs which contain a record of every ramp interaction* which for a busy weekend can be several hundred. The Admin team then enters this data into the DNR **Surface Water Integrated Monitoring System (SWIMS)** database.

We Admins have shared a variety of challenges in

Adopt-A-Shoreline Volunteers

support of our Inspectors. Although often the weather is beautiful, boaters are pleasant and Inspectors enjoy stories of weddings on the lake, wildlife sightings, or the latest hot fishing spot; in contrast, they report everything from inclement weather, excessive heat, excessive mosquitos, wood ticks, hornet's nests, stinky garbage, belligerent and uncooperative boaters, unattended out-houses and even a dog** locked in a hot car in need of rescue! With all these things and more, our inspectors do their best to inspect, document and train boaters how to look for and remove invasive species which may be present.

I hope this information has been useful.

- Creating awareness of the grant and CFAPOA funds needed to support the program.
- Providing knowledge of the volunteer time and responsibilities to keep this program running. We seek and welcome new volunteers.
- Providing insight into the role of Inspector, their responsibilities, and some on-the-job challenges.

I hope when you see our Inspectors on the ramps this season, you will be supportive of them and an advocate for them as they are there for all of us as our first line of defense!

Stay warm and safe until we see you again,

Your CBCW Admin team: Dennis Clagett (Chair), Mark Zich, Mike Gardner, Randy and Diane Hulke, Shelley Lamoreaux.

* No watercraft registration numbers or personal identification data is collected.

** Dog was removed from the vehicle and survived. Owner was cited and remorseful.



Name	East	West
Dan & Julie Hayden		1, 2
Mike & Lynn Muench	M, P	
Jim & Jan Evenstad		12
Gary & Lind Crank		3, 5
Christine and Jayson Grams		13
LCO Conservation Dept.	H, I, Z	
Brian & Juliane Novak	S	
Alan & Lynda Fish		8, 17
Up for Adoption		18
Greg & Amy Sanders		10, 11
Up for Adoption	U	
Chris & Patti Jeffords		4
Jerry & Nancy Johnson		6, 9
Robyn McAlpine		7, 14
Roger & Kathy Kisch	W	
Rob and Rebecca Nesse	J	
Dave Carland & Family	O	
Chris & Jess Conrad	A2	
Rick & Linda Olson	R	
Tony & Laurie Schubert	T, U	
Dave Carland Family and Friends	X	
Brent and Jeanne Drapeau	E1, E2	
Steve & Jane Richardson	W	
Mark and Joni Zich		15, 16
Bruce and Gina Dingman	D	
Mike & Phyllis Gardner	Q	
Dennis Clagett	Y	
Linda Treland	A1	

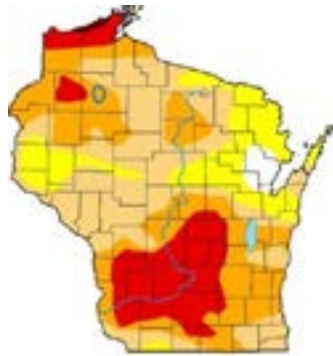
Visit our website for a detailed map of East and West locations. <https://cfapoa.org/invasive-species>

Impact of Drought on our Invasive Species

by Dennis Clagett



How will continuing drought and persistent low water levels in the Chippewa Flowage impact aquatic plant species both native and invasive particularly along the shoreline? Will invasive species adapt and fare better than native plant species? This article describes factors at play.



either side of Highway B enroute to Hayward. In this photo the white is snow-covered ice, the brown is grass where the water should be (blue line on map). The water appears to be about 3 feet down. These wetland levels will have to recover before water levels in the Chippewa Flowage can return to past acceptable and more normal levels. With increased precipitation, runoff from the watersheds into the rivers and streams will increase the amount of water entering the Chippewa Flowage. These are the watershed sizes and percentages for the “three water sources” to the Chippewa Flowage.

(Source: WDNR website)

West Fork – 285 sq. miles (37%)

East Fork – 305 sq. miles (39%)

Local tributaries – 183 sq. miles (24%)

Total Surface Area: 773 sq. miles

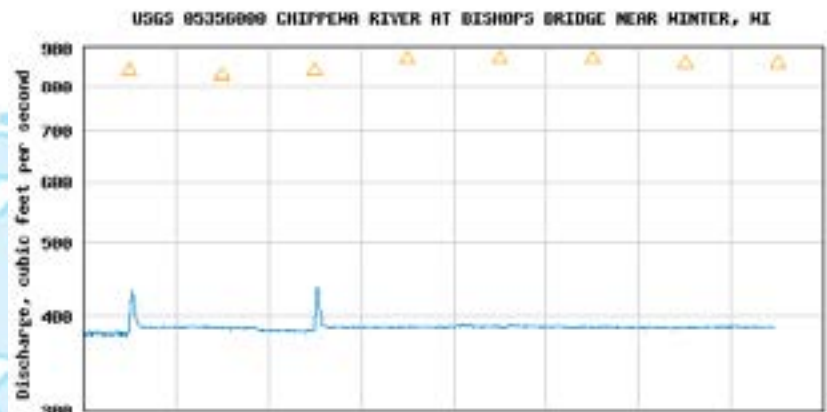
Local tributaries include all creeks, streams, and rivers other than the east and west forks of the Chippewa Rivers, such as the North Fork Chief River, Crane Creek, Hay Creek, Moss Creek, Chief Creek (on SE corner of Chief), Blueberry Creek, Spooky Bay Creek at New Post, Yankee Joe Creek, Little Cranberry Creek (Nursery), Venison Creek and Beaver Creek. The accompanying USGS graph depicts that currently the Winter Dam is discharging about 380 cubic feet per sec.(cfs), less than half of the past 111 years averages. The small triangles in the 800 cfs range show normal averages.

Our Adopt-A-Shoreline volunteers will play an active role in monitoring the droughts effects on the near shore aquatic plants. Adopt-A-Shoreline volunteers, please check the chart for accuracy and contact me rclagett@centurytel.net if there are changes, or if you can no longer participate in the Adopt -A-Shoreline volunteer program.

The Role of Drought in Water Levels. On August 8, 2023, the Chippewa Flowage area was classified by the WDNR as being in Severe Drought (D2). By the end of summer, the WDNR classified the area as under Extreme Drought (D3) with little precipitation occurring this fall and early winter. These drought conditions fall just one classification short of the maximum drought classification of Exceptional Drought (D4). It may



be deceiving to the casual observer because we receive enough rainfall to keep things green, but the repeated years of low precipitation are having a dramatic negative impact on groundwater and wetlands. Both water sources exist underground and near the surface in saturated zones. You can see the effects the drought is having on our wetlands by observing the potholes in the wetland areas on





Mission

The Chippewa Flowage Area Property Owners Association, Inc. (Association) (CFAPOA) is a non-profit corporation, formed to generally promote, encourage and foster the interests of all property owners. The major objectives of the Association are: to keep the Chippewa Flowage area clean and safe for all people; to protect the environment; to provide a forum for the collection and exchange of ideas; to support acquisition of land for protection and conservation; and to pursue any other lawful objectives that may benefit this pristine lake, its wetlands, wildlife and tributaries.

ICE THICKNESS GUIDELINE

The minimum thickness to access a frozen body of water safely. This is a *estimate, not a rule.
Always proceed with caution and take the appropriate steps to ensure safety.

STAY OFF



Less than 4"

4 Inches



6-8 Inches



9-12 Inches

WALK ON

SNOWMOBILE & ATVS

UTVS & LIGHT VEHICLES

*Based on newly formed, hard / clear ice. Ice thickness does not guarantee safety - proceed at your own risk!

CHIPPEWA FLOWAGE AREA PROPERTY OWNERS ASSOCIATION
PO BOX 555
HAYWARD, WI 54843-0555

ELECTRONIC SERVICE REQUESTED

CFAPOA is a 501(c)(3) non-profit corporation, formed to generally promote, encourage and foster the interests of all property owners. Its major objectives are: to keep the Chippewa Flowage area clean and safe for all people; to protect the environment; to provide a forum for the collection and exchange of ideas; to support acquisition of land for protection and conservation; and to pursue any other lawful objectives that may benefit this pristine lake, its wetlands, wildlife and tributaries.

**MARK YOUR
CALENDAR**
BOARD MEETINGS
AND EVENTS

February 1, 2024
March 7, 2024
April 4, 2024
May 2, 2024

Board meetings are currently held at 6:00 p.m. in person at the Town of Hunter Hall and/or teleconference. Visitors are welcome to join. Contact Mike Gardner at mgardner@northflow.net



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