CHIPPEWA COUNTY

LAND CONSERVATION & FOREST MANAGEMENT COMMITTEE

REGULAR MEETING

MARCH 16, 2022

CHIPPEWA COUNTY COURTHOUSE, RM 302

4:30 PM

1. CALL TO ORDER

2. ROLL CALL

Attendee Name	Organization	Title	Status	Arrived
Dean Gullickson	Chippewa County	District 7 (Chair)	Present	
Harold Steele	Chippewa County	District 1 (Vice-Chair)	Present	
Glen Sikorski	Chippewa County	District 2	Present	
Ken Schmitt	Chippewa County	District 3	Present	
Don Hauser	Chippewa County	District 6	Present	
James Pingel	Chippewa County	Citizen Rep	Absent	

The Chair noted that all members were present except Representative Pingel.

Agency staff present at times throughout the meeting were: R. Scholz (Co. Administrator), T. Pauls (Corporation Counsel), D. Hutchison (DNR), K. Masarik (UWSP), M. Hansen, K. Klingberg, J. Larson, L. Schweikert, and J. Schemenauer - Recorder (LCFM).

Members of the public present was D. Barrickman.

3. MEMBERS OF THE PUBLIC WISHING TO BE HEARD

There were no members of the public wishing to be heard.

4. CONSENT AGENDA

L. Schweikert introduced herself to the Committee as the new Department Director/County Conservationist.

The Chair moved the order of the agenda to address "Business Item 4 - Amendment to Cooperative Agreement Between Chippewa County & the Lake Wissota Improvement & Protection District to Implement Lake Wissota Protection Project."

RESULT:	**APPROVED [UNANIMOUS]**
MOVER:	Ken Schmitt, District 3
SECONDER:	Harold Steele, District 1 (Vice-Chair)
AYES:	Gullickson, Steele, Sikorski, Schmitt, Hauser
ABSENT:	Pingel

1. Approve the Agenda

2. Approve the Minutes

3. Land Conservation & Forest Management Committee - Regular Meeting - Feb 16, 2022 4:30 PM

4. Schedule Next Meeting Date - May 18, 2022

5. REPORTS

1. Chippewa County Well Water Quality, as Sampled & Tested by UWSP (2007-2020) - K. Masarik - UW-Stevens Point
L. Schweikert introduced K. Masarik, UW-Stevens Point Groundwater Education Specialist.

K. Masarik presented a Power Point report to the Committee titled: Overview of Chippewa County Groundwater Quality Data, (Distributed 3/10/22 - copy on file & attached). The report provides an overview of the nitrate source analysis projects currently being implemented in Chippewa County. He also presented state-wide websites that provide well testing information for public water systems and individual wells that have been tested.

There was general discussion. Discussion focused on:

1. The cost and validity of additional testing for the wells that will be sampled in 2022.

2. Data that is available on the websites (statewide and countywide).

3. Testing of additional wells in known "hot spots".

There was Committee consensus that ARPA funding criteria, in the amount of $500,000, would be amended to reflect that funding would be used to test additional Chippewa County private wells in "hot spots" with nitrate test results of 5 or higher and provide mitigation measures, where necessary.

2. Overview of Proposed Spring, 2022 Timber Sales - M. Hansen
M. Hansen introduced the proposed Spring, 2022 Timber Sales. He reported that:

1. There are eleven (11) numbered tracts in the County Forest that are scheduled for public notice and bidding under the 2022 Spring Timber Sale. Ten (10) of the sales are new sales and one (1) is a direct sale, as it did not receive any bids in Fall, 2021.

2. Bids will be opened in May, 2022, with a bid summary to be presented to the LCFM at their May 18, 2022, meeting for Committee action.

The report was supported by the following materials:

1. Spreadsheet titled: Comprehensive Listing of Contracted Timber Sales Pre-Spring, 2022, (LCFM - Distributed 3/10/22 - copy on file & attached).

2. Map titled: Chippewa County Timber Sale Locations Spring, 2022, (LCFM - Distributed 3/10/22, copy on file & attached).

3. Map titled: 220 Pine, (LCFM - Distributed 3/10/22, copy on file & attached).

4. Map titled: Birch Creek Winter Sale, (LCFM - Distributed 3/10/22, copy on file & attached).

5. Map titled: Tract 1-22 Burnt Wagon Sale, (LCFM - Distributed 3/10/22, copy on file

& attached).

6. Map titled: Deer Cam Pine, (LCFM - Distributed 3/10/22, copy on file & attached).

7. Prospectus and map titled: Wagon Trail Oak, (LCFM - Distributed 3/10/22, copy on file & attached).

8. Map titled: Double Porcupine Sale, (LCFM - Distributed 3/10/22, copy on file & attached).

9. Map titled: Direct Sale Hickory Trailhead, (LCFM - Distributed 3/10/22, copy on file & attached).

10. Map titled: Old Farm HW, (LCFM - Distributed 3/10/22, copy on file & attached).

11. Map titled: Old Stove Aspen, (LCFM - Distributed 3/10/22, copy on file & attached).

12. Map titled: Poppin Popple, (LCFM - Distributed 3/10/22, copy on file & attached).

13. Prospectus & map titled: Robinson Lake Aspen Tract 30-21, (LCFM - Distributed 3/10/22, copy on file & attached).

There was general discussion.

3. Overview of the Use of Prescribed Fire to Promote Oak Regeneration in the County Forest - D. Hutchison (DNR)
M. Hansen introduced D. Hutchison, DNR Forester for Chippewa County.

D. Hutchison presented a Power Point report titled: Prescribed Fire as a Silvicultural Tool, (LCFM - Distributed 3/10/22, copy on file & attached). The report provides an overview of prescribed burns to supplement other oak regeneration methods already being used in the County Forest. A prescribed burn is scheduled for the Camp Lake area in the Chippewa County Forest this spring.

There was general discussion. Discussion focused on the specifics of the burn area and notifying neighboring landowners of the burn.

6. BUSINESS ITEMS

1. Request to Authorize 50K Race Permit in County Forest - M. Hansen
M. Hansen presented an oral report. The report was supported by an agreement titled: Chippewa County Forest Special Event Permit and Agreement, (LCFM - Distributed 3/10/22 - copy on file & attached). The permit and agreement grants True North Adventures non-exclusive use of certain Chippewa County Forest property to conduct a 50K running event on the Ice Age Trail.

There was general discussion regarding the running event. Discussion also focused on the possibility of issuing camping permits for individuals that would like to camp in the County Forest.

Motion to approve the permit: Sikorski/Schmitt. Motion carried.

RESULT:	**APPROVED [UNANIMOUS]**
MOVER:	Glen Sikorski, District 2
SECONDER:	Ken Schmitt, District 3
AYES:	Gullickson, Steele, Sikorski, Schmitt, Hauser
ABSENT:	Pingel

2. Annual 2022 Matching Grant Criteria; Chippewa County Stewardship Fund - L. Schweikert
M. Hansen presented the 2022 annual Stewardship Fund criteria titled: Annual Criteria for Evaluating and Selecting Projects Submitted to the Chippewa County Stewardship Fund Local Match Grant Program in 2022, (LCFM 12/8/21 - Distributed 3/10/22 - copy on file & attached).

The Chair informed the Committee that he and T. Pauls have researched several projects funded by the Chippewa County Stewardship Fund and found that the covenants regarding permanent public access for nature-based outdoor activities have not been recorded with the easements.

There was general discussion regarding language to be included as part of the annual criteria regarding covenants.

Motion to approve the (2022) criteria, as presented, and (document in criteria) that all covenants shall be recorded on the deed in perpetuity: Schmitt/Hauser. All supervisors voted Yes except Supervisor Steele abstained. Motion passed by voice vote.

RESULT:	**APPROVED [4 TO 0]**
MOVER:	Ken Schmitt, District 3
SECONDER:	Don Hauser, District 6
AYES:	Gullickson, Sikorski, Schmitt, Hauser
ABSTAIN:	Steele
ABSENT:	Pingel

3. Rank LCFM CIP Projects (2023-2027) - M. Hansen & L. Schweikert
M. Hansen presented an oral report. The report was supported by the following materials:

1. Schedule titled: 2023-2027 Capital Improvement Plan Calendar, (Distributed 3/10/22 - copy on file & attached).

2. Spreadsheet titled: Department of Land Conservation & Forest Management, 2023 Capital Improvement Plan Ranking, (LCFM 3/9/22 - Distributed 3/10/22 - copy on file & attached).

3. Spreadsheet titled: Department of Land Conservation & Forest Management, Capital Improvement Plan Requests & Adjustments, (LCFM 3/10/22 - Distributed 3/10/22 - copy on file & attached).

4. Forms titled: Capital Improvement Program (CIP) Justification Forms for the LCFM for 2023-2027 fiscal years (Distributed 3/10/22 - copy on file & attached).

There was general discussion regarding the proposed projects and funding.

Motion to approve ranking, as subject to current policy parameters: Schmitt/Hauser. Motion carried.

RESULT:	**APPROVED [UNANIMOUS]**
MOVER:	Ken Schmitt, District 3
SECONDER:	Don Hauser, District 6
AYES:	Gullickson, Steele, Sikorski, Schmitt, Hauser
ABSENT:	Pingel

4. Amendment to Cooperative Agreement Between Chippewa County & the Lake Wissota Improvement & Protection District to Implement Lake Wissota Protection Project - L. Schweikert & T. Pauls
Motion to put the Amendment to Cooperative Agreement Between Chippewa County & the Lake Wissota Improvement & Protection District to Implement Lake Wissota Protection Project on the floor: Hauser/Schmitt. Motion carried.

   There was general discussion regarding the purpose of the amendment to the agreement and the proposed changes to the agreement, as discussed at previous meetings.

   Motion to approve the amendment and original contract with the Lake Wissota Improvement & Protection Association, and to forward to them for their approval: Schmitt/Hauser. Motion carried.

RESULT:	**APPROVED [UNANIMOUS]**
MOVER:	Ken Schmitt, District 3
SECONDER:	Don Hauser, District 6
AYES:	Gullickson, Steele, Sikorski, Schmitt, Hauser
ABSENT:	Pingel

7. AGENDA ITEMS FOR FUTURE CONSIDERATION

The following items were requested for future agenda items:

1. Review limits on Chippewa County Stewardship Fund due to the ending of the Quality of Life fund.

2. Consider camping permits in Chippewa County Forest to adequately address EMS issues.

8. ADJOURN

Motion to adjourn: Schmitt/Steele. Motion carried at 7:39 p.m. by voice vote.

RESULT:	**APPROVED [UNANIMOUS]**
MOVER:	Ken Schmitt, District 3
SECONDER:	Harold Steele, District 1 (Vice-Chair)
AYES:	Gullickson, Steele, Sikorski, Schmitt, Hauser
ABSENT:	Pingel

CHIPPEWA COUNTY

LAND CONSERVATION & FOREST MANAGEMENT COMMITTEE

REGULAR MEETING

FEBRUARY 16, 2022

CHIPPEWA COUNTY COURTHOUSE, RM 302

4:30 PM

Minutes Acceptance: Minutes of Feb 16, 2022 4:30 PM (Consent Agenda)

1. CALL TO ORDER

2. ROLL CALL

Attendee Name	Organization	Title	Status	Arrived
Dean Gullickson	Chippewa County	District 7 (Chair)	Present	
Harold Steele	Chippewa County	District 1 (Vice-Chair)	Present	
Glen Sikorski	Chippewa County	District 2	Present	
Ken Schmitt	Chippewa County	District 3	Present	
Don Hauser	Chippewa County	District 6	Present	
James Pingel	Chippewa County	Citizen Rep	Present	

Agency staff present at times throughout the meeting were R. Scholz (Co. Administrator), T. Pauls (Corporation Counsel), K. Klingberg and J. Schemenauer - Recorder (LCFM).

3. MEMBERS OF THE PUBLIC WISHING TO BE HEARD

There were no members of the public present.

4. CONSENT AGENDA

RESULT:	**APPROVED [UNANIMOUS]**
MOVER:	Glen Sikorski, District 2
SECONDER:	Don Hauser, District 6
AYES:	Gullickson, Steele, Sikorski, Schmitt, Hauser, Pingel

1. Approve the Agenda
2. Approve the Minutes
3. Land Conservation & Forest Management Committee - Regular Meeting - Jan 19, 2022 4:30 PM
4. Schedule Next Meeting Date -March 16, 2022

5. REPORTS

6. BUSINESS ITEMS

1. Resolution to Support a Goal of Limiting the Wisconsin Wolf Population to 350 Animals as Part of the Wisconsin Department of Natural Resources Wolf Management Plan - R. Scholz

Motion to approve the Resolution to Support a Goal of Limiting the Wisconsin Wolf Population to 350 Animals as Part of the Wisconsin Department of Natural Resources Wolf Management Plan: Sikorski/Steele.

There was general discussion regarding the U.S. district court ruling, that returned wolves to the Federal Endangered Species list, and the general population of wolves in Chippewa County.

Motion carried by voice vote.

RESULT:	**FORWARD TO COUNTY BOARD [UNANIMOUS]**	**Next: 3/8/2022 6:00 PM**
MOVER:	Glen Sikorski, District 2	
SECONDER:	Harold Steele, District 1 (Vice-Chair)	
AYES:	Gullickson, Steele, Sikorski, Schmitt, Hauser, Pingel	

2. LCFM Project Proposal for ARPA Funds (America Rescue Plan Act) - R. Scholz

R. Scholz addressed the Committee. He noted that the LCFM had submitted two (2) project requests for ARPA funding: Lake Wissota Stewardship; Targeted Water Quality & Farm Conservation Project and Chippewa County Ice Age Trail; Eastern Trail Establishment. After further review, it was found that the Ice Age Trail project did not qualify for funding.

There was general discussion on using ARPA funding to introduce a project to address rising groundwater/drinking water nitrate nitrogen concentrations in the County. Further discussion focused on:

1. Data availability and analyses of the data.

2. Full spectrum of testing in conjunction with the 2022 UWSP groundwater sampling project and current testing budget.

3. Demonstration sites in agricultural areas.

Motion to approve ARPA funding for the Lake Wissota Stewardship Project: Steele/Sikorski. Motion failed as all members voted to disapprove by voice vote.

Motion to allocate $500,000 in ARPA funding to enhance testing programs, compile data, and come up with a demonstration site program: Schmitt/Steele. Motion carried by voice vote.

RESULT:	**APPROVED [UNANIMOUS]**
MOVER:	Ken Schmitt, District 3
SECONDER:	Harold Steele, District 1 (Vice-Chair)
AYES:	Gullickson, Steele, Sikorski, Schmitt, Hauser, Pingel

7. AGENDA ITEMS FOR FUTURE CONSIDERATION

Future agenda items will include discussion on the Chippewa County Stewardship Fund and the proposed LCFM ARPA funding project to address the nitrate issue in Chippewa County.

8. ADJOURN

Minutes Acceptance: Minutes of Feb 16, 2022 4:30 PM (Consent Agenda)

Land Conservation & Forest Management Committee

Minutes **February 16, 2022**
Regular Meeting **Chippewa County Courthouse, Rm 302** **4:30 PM**

Motion to adjourn: Hauser/Schmitt. Motion carried by voice vote at 5:48 pm.

RESULT:	**APPROVED [UNANIMOUS]**
MOVER:	Don Hauser, District 6
SECONDER:	Ken Schmitt, District 3
AYES:	Gullickson, Steele, Sikorski, Schmitt, Hauser, Pingel

Minutes Acceptance: Minutes of Feb 16, 2022 4:30 PM (Consent Agenda)

STATEMENT OF EXPLANATION
CHIPPEWA COUNTY WELL WATER QUALITY, AS SAMPLED & TESTED BY UW-STEVENS POINT (2007-2020)

Kevin Masarik, Groundwater Education Specialist with UW - Extension in the College of Natural Resources at the University of Wisconsin - Stevens Point, will review past groundwater sampling events, update on current contracted studies, and demonstrate the online well monitoring data site for Chippewa County.

Overview of Chippewa County Groundwater Quality Data







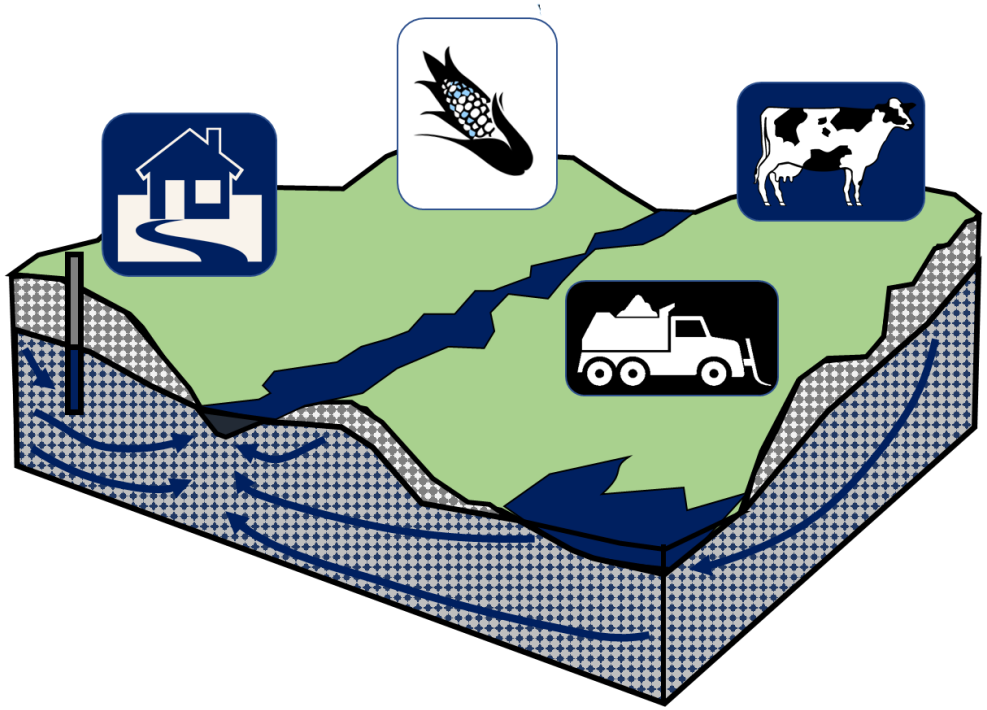


Attachment: Chippewa_K Mararik (6868 : Chippewa County Well Water Quality, as

Groundwater 101

Nitrate / Chloride

- Useful for understanding land-use impacts on groundwater



Conductivity

- Overall water quality, combination of both land-use, rocks, and soils

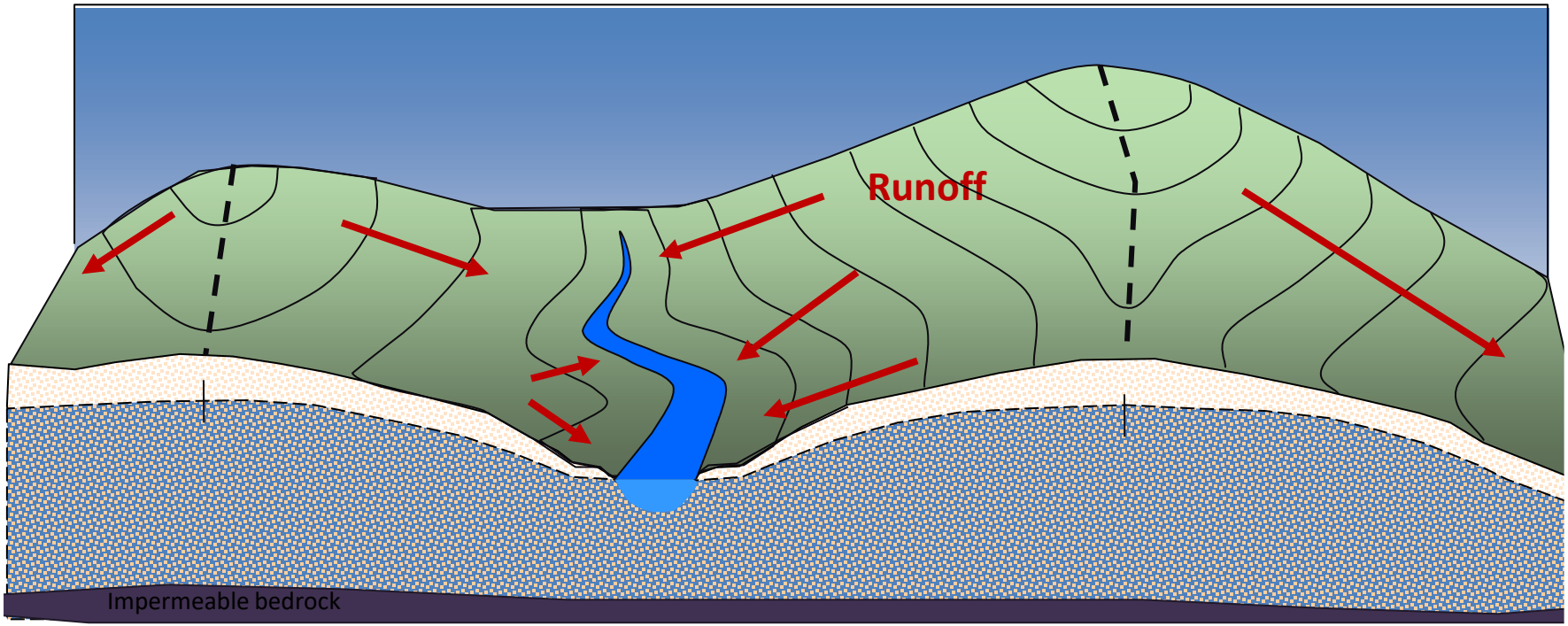
Total Hardness / Alkalinity / pH

- Help us understand how rocks and soils impact groundwater

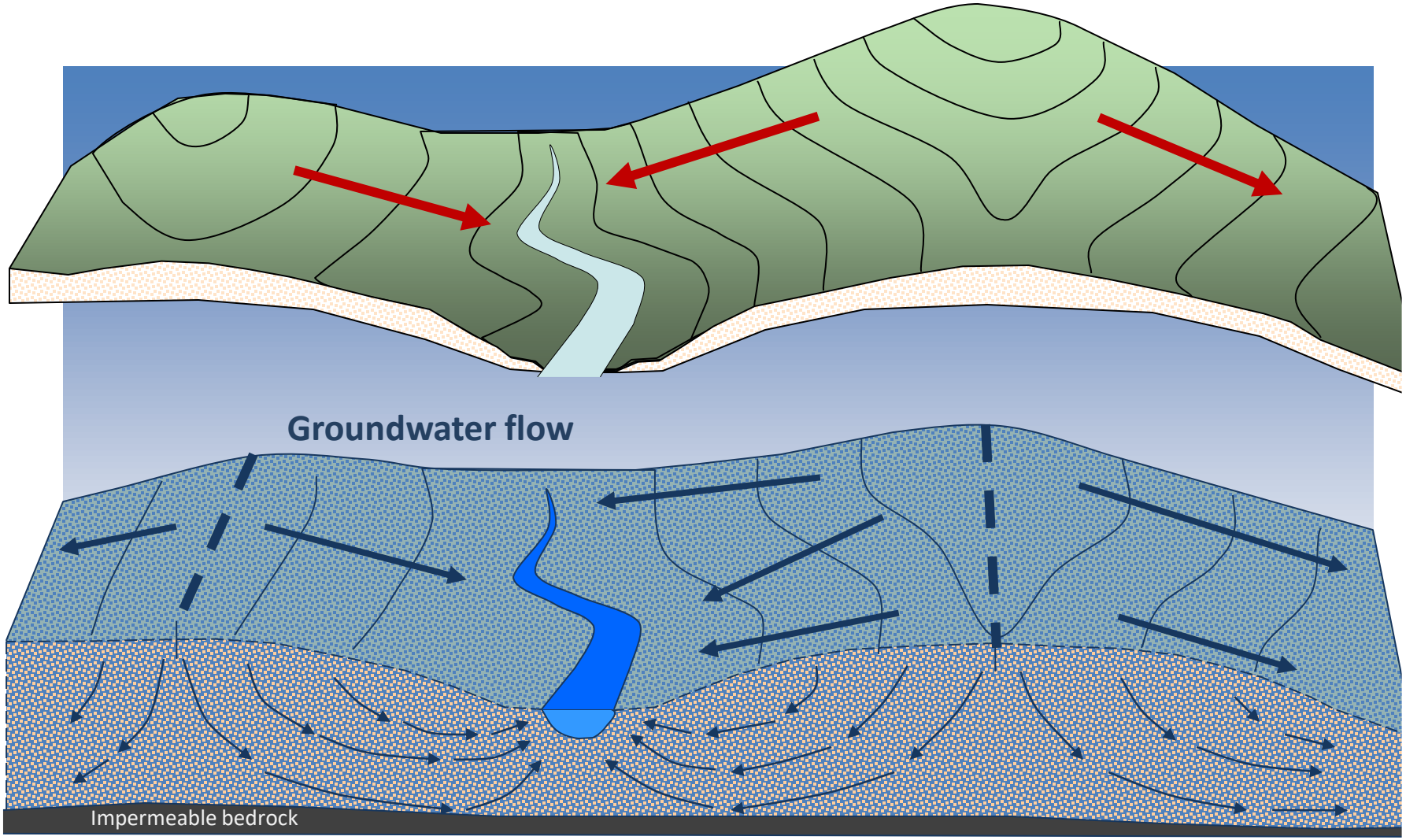
Figure adapted from:
Merritts, Menking, & De Wet, Environmental Geology: An Earth Systems Science Approach. 2nd Edition. 2014

Attachment: Chippewa_K Mararik (6868 : Chippewa County Well Water Quality, as

Watershed – the land area where water originates for lakes, rivers or streams. Water flows from high elevation to low elevation.

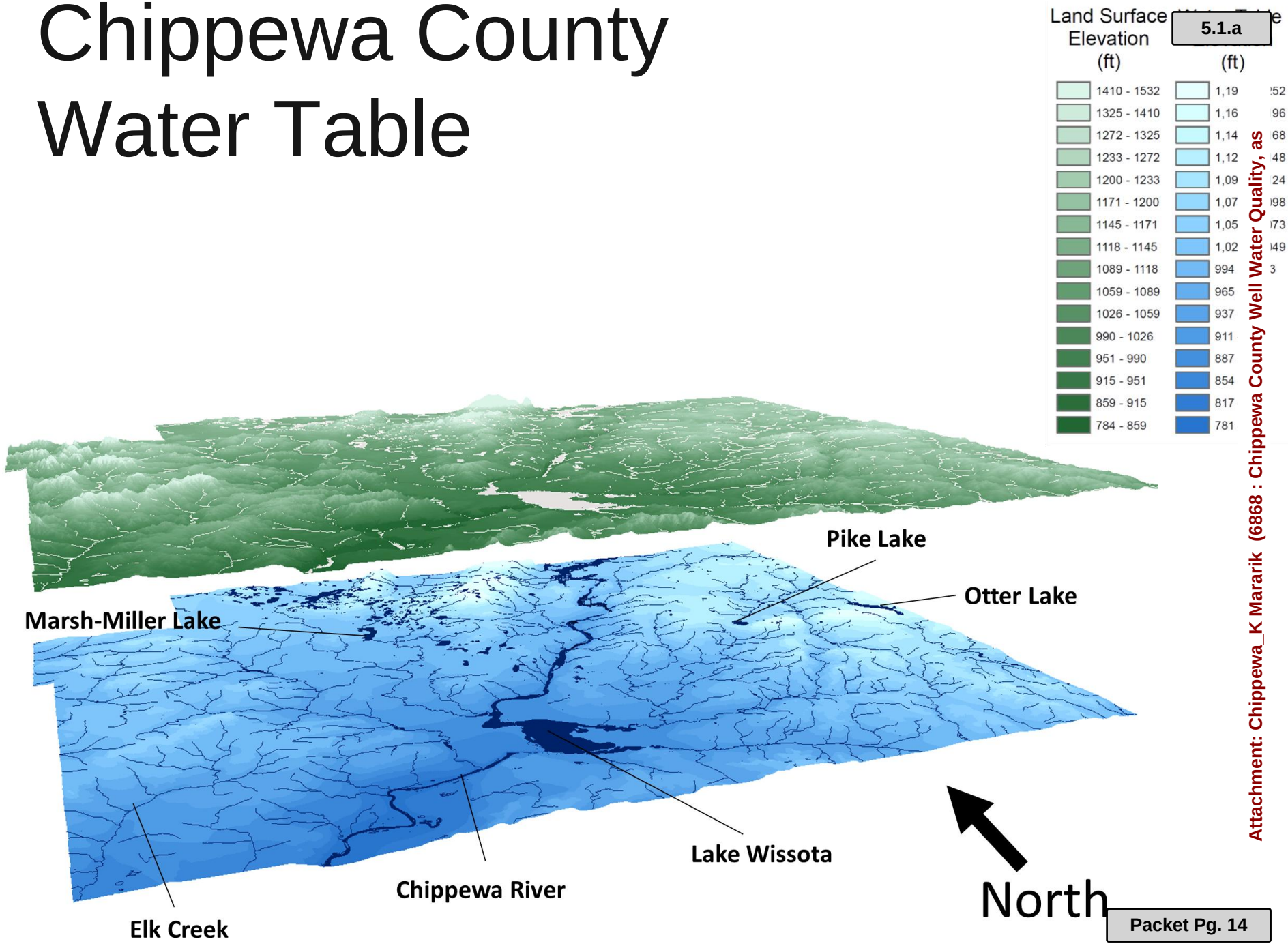


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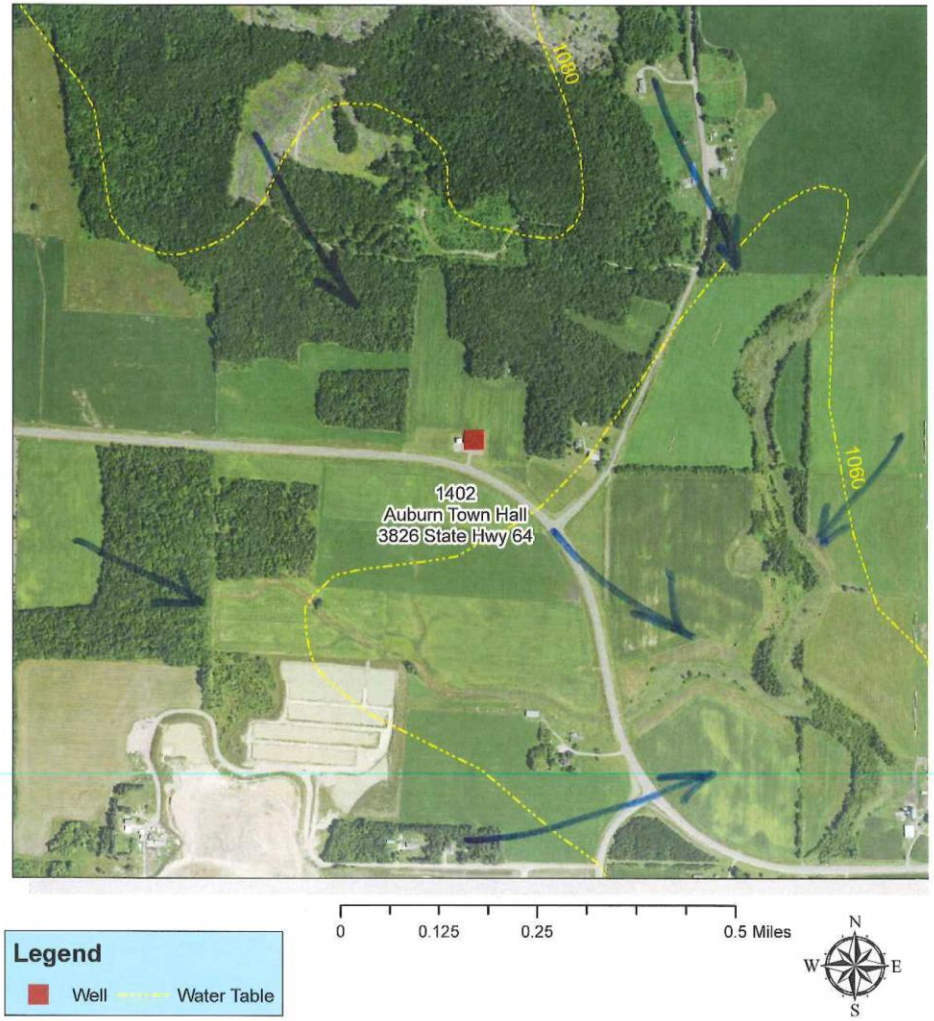
Attachment: Chippewa_K Mararik (6868 : Chippewa County Well Water Quality, as

Chippewa County Water Table



Attachment: Chippewa_K Mararik (6868 : Chippewa County Well Water Quality, as

General Groundwater Flow Direction



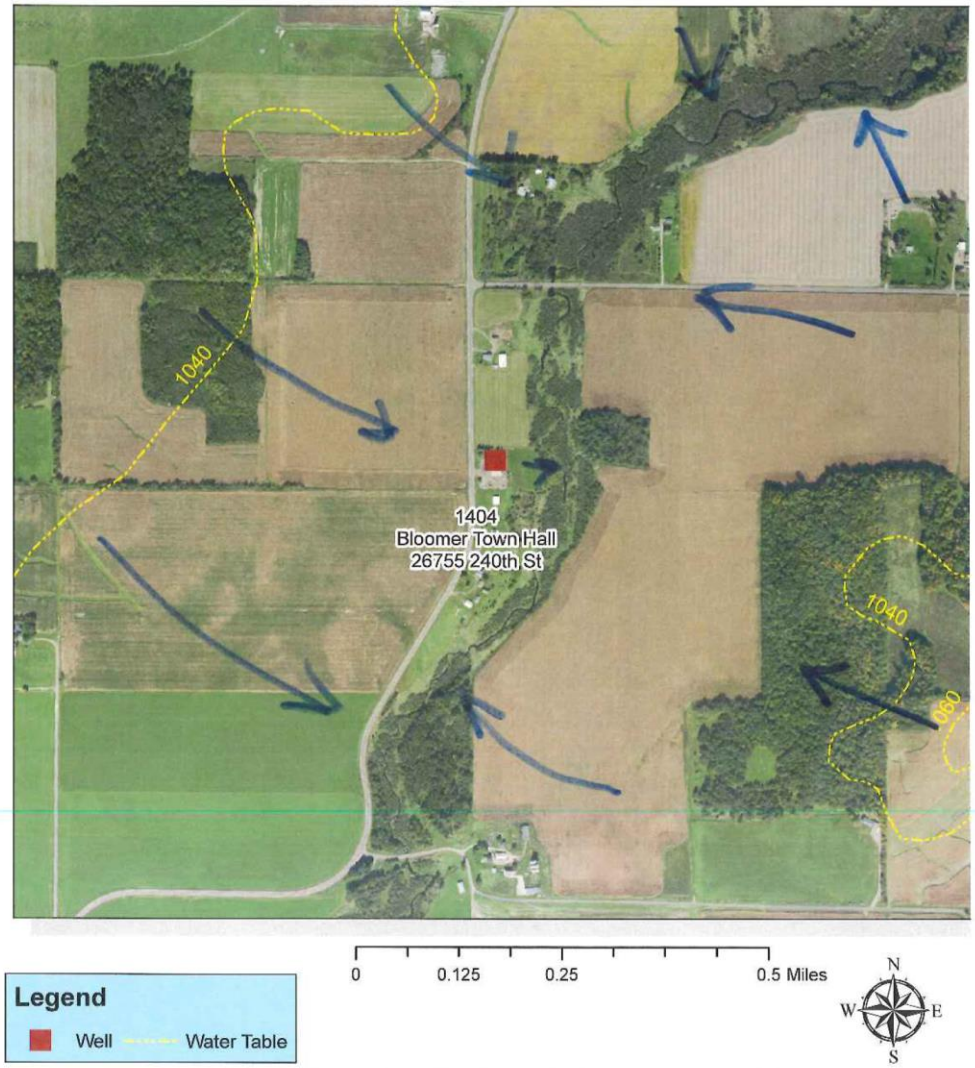
The black arrows show generalized groundwater flow direction in the area near your well. Groundwater flows perpendicular to the groundwater elevation lines and moves from high areas (hills) to low areas (streams,rivers). In general, residential wells impacted by land use are usually the result of those activities occuring within a roughly 1/2 mile distance from a well.

Disclaimer: This map is for educational purposes only. Groundwater flow is a best guess based on currently available information.

Cartography by Sean Piette

Attachment: Chippewa_K Mararik (6868 : Chippewa County Well Water Quality, as

General Groundwater Flow Direction



The black arrows show generalized groundwater flow direction in the area near your well. Groundwater flows perpendicular to the groundwater elevation lines and moves from high areas (hills) to low areas (streams,rivers). In general, residential wells impacted by land use are usually the result of those activities occuring within a roughly 1/2 mile distance from a well.

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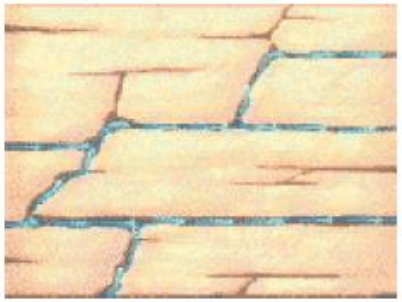
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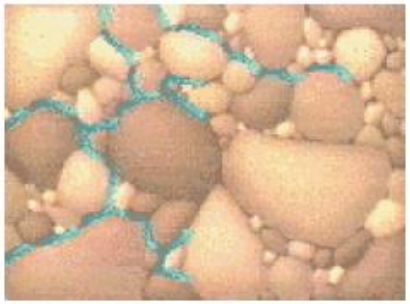
Aquifers: Our groundwater storage units

Aquifers are geologic formations that store and transmit groundwater.

The aquifer properties determine how quickly groundwater flows, how much water an aquifer can hold and how easily groundwater can become contaminated. Some aquifers may also contain naturally occurring elements that make water unsafe.



Water and contaminants can move quickly through cracks and fractures.



Water moving through tiny spaces in between sand particles or sandstone moves slower and allows for filtration of some contaminants.

Wisconsin's geology is like a layered cake. Underneath all of Wisconsin lies the Crystalline bedrock which does not hold much water. Think of this layer like the foundation of your house. All groundwater sits on top of this foundation. Groundwater is stored in the various **sandstone**, **dolomite** and **sand/gravel** aquifers above the **crystalline bedrock** layer. The layers are arranged in the order which they formed, oldest on the bottom and youngest on top.

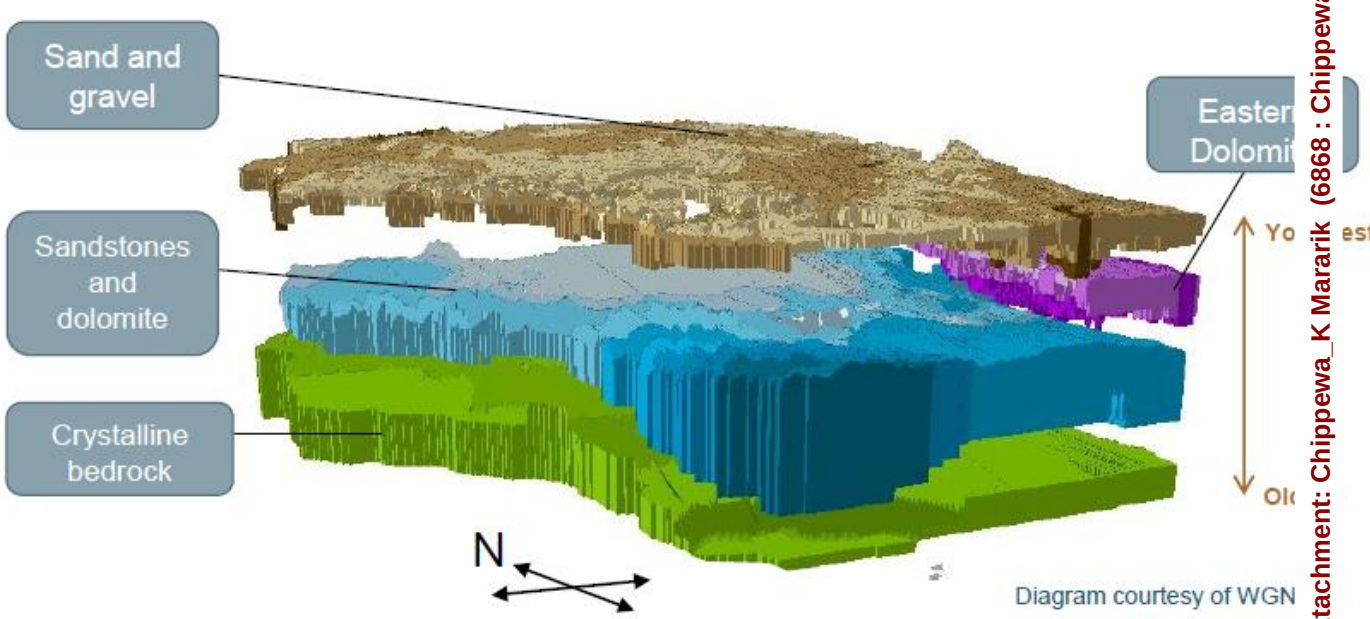
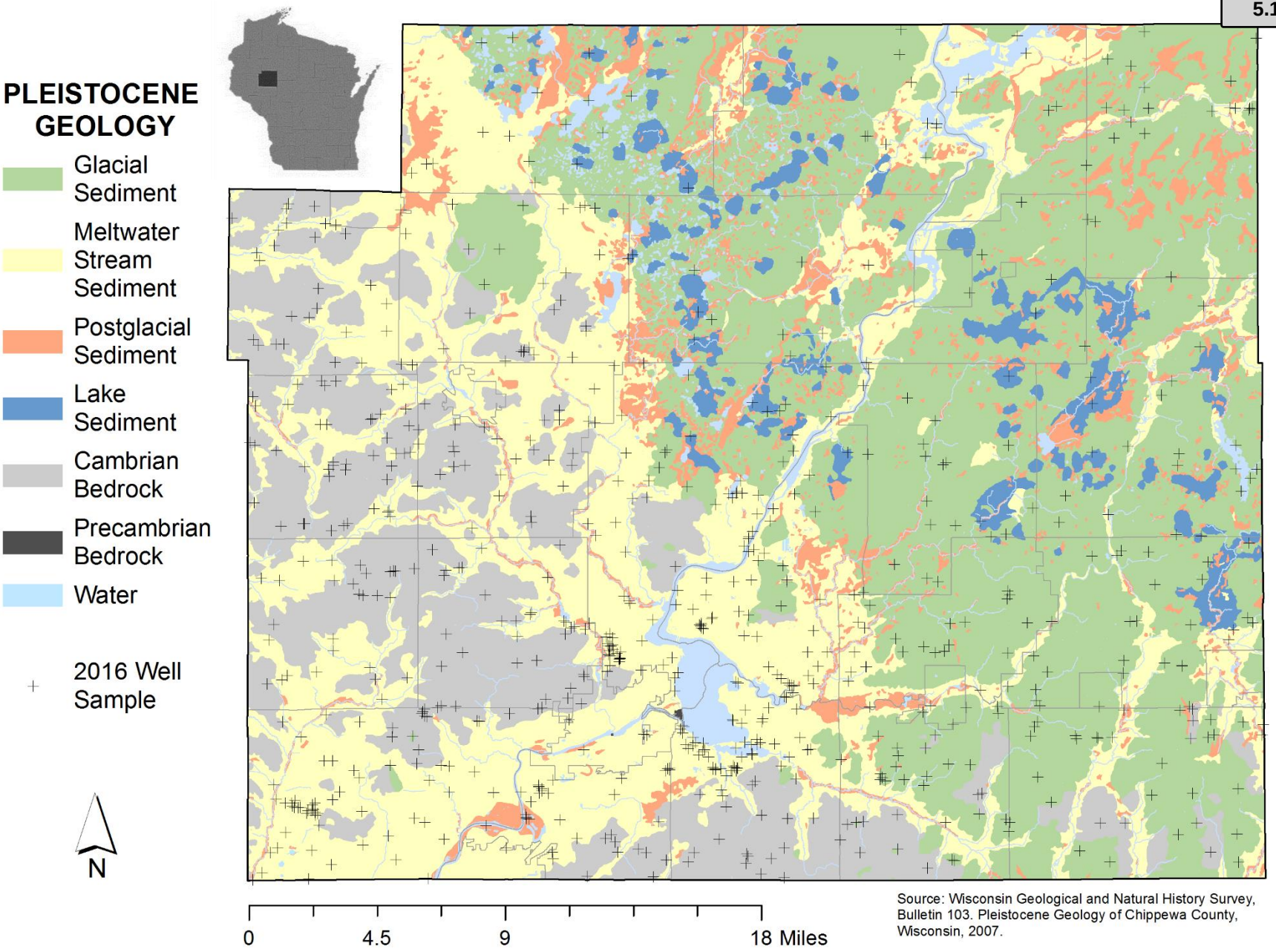


Diagram courtesy of WGN

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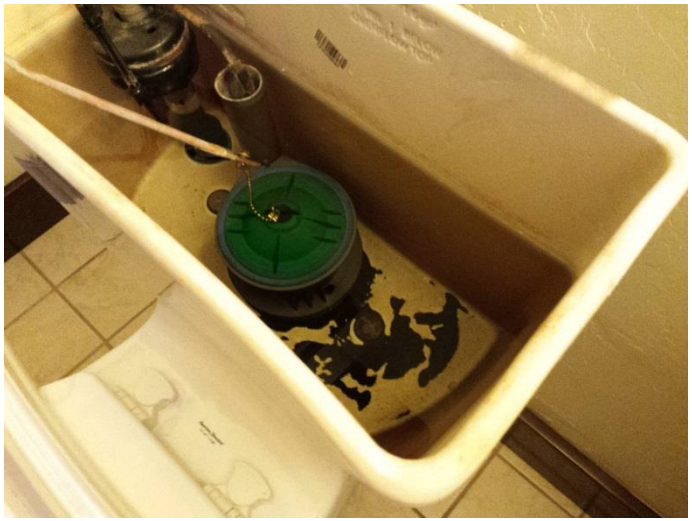
2016 water quality summary by Pleistocene geology category

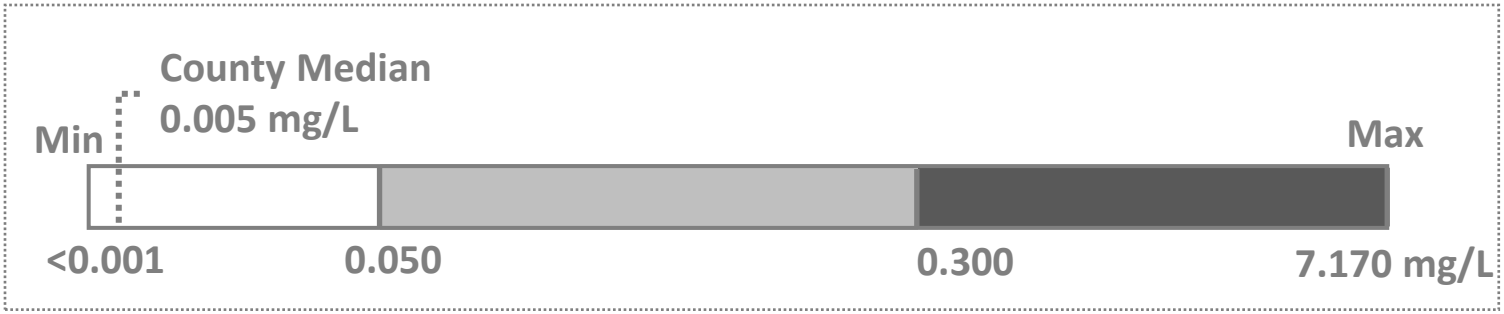
Analyte	Cambrian (n=170)					Glacial Sediment (n=207)					Meltwater Stream Sediment (n=360)				
	Mean	StDev	Median	Min	Max	Mean	StDev	Median	Min	Max	Mean	StDev	Median	Min	M
Alkalinity (mg/L as $CaCO_3$)	**28**	34	**16**	2	268	**121**	73	**137**	5	358	**48**	42	**32**	4	2
Arsenic (mg/L)	**<0.003**	0.001	**<0.003**	<0.003	0.005	**<0.003**	0.001	**<0.003**	<0.003	0.008	**<0.003**	0.001	**<0.003**	<0.003	0
Calcium (mg/L)	**15.8**	9.0	**15.0**	<0.2	50.4	**37.3**	24.8	**36.3**	<0.2	207.7	**22.2**	15.3	**20.7**	<0.2	1
Chloride (mg/L)	**18.6**	18.2	**12.8**	0.9	102.2	**35.6**	118.4	**11.8**	0.8	1520	**27.3**	41.7	**14.2**	0.6	4
Conductivity (umhos/cm)	**168**	109	**139**	26	759	**359**	399	**302**	29	5220	**222**	156	**192**	31	1
Iron (mg/L)	**0.066**	0.345	**0.055**	<0.004	4.092	**0.427**	1.106	**0.032**	<0.004	6.963	**0.495**	2.061	**0.019**	<0.004	2
Magnesium (mg/L)	**5.2**	4.2	**4.2**	<0.2	31.7	**13.8**	10.3	**13.2**	<0.2	87.9	**7.8**	5.7	**7.0**	<0.2	4
Manganese (mg/L)	**0.025**	0.088	**0.005**	<0.002	0.014	**0.166**	0.325	**0.010**	<0.002	1.849	**0.138**	0.572	**0.005**	<0.002	7
Nitrate (mg/L)	**5.9**	4.7	**5.0**	<0.1	29.6	**3.6**	4.3	**1.9**	<0.1	18.1	**6.4**	6.3	**4.8**	<0.1	3
Phosphorus (mg/L)	**0.359**	0.333	**0.301**	<0.004	1.813	**0.080**	0.135	**0.040**	<0.004	1.334	**0.126**	0.203	**0.028**	<0.004	1
pH (standard units)	**6.3**	0.7	**6.18**	406	9.78	**7.2**	0.7	**7.36**	5.17	8.31	**6.8**	0.5	**6.70**	5.48	8
Potassium (mg/L)	**4.5**	14.9	**2.1**	<0.2	167.9	**1.6**	1.4	**1.2**	<0.2	9.7	**1.5**	2.2	**1.2**	<0.2	3
Sulfate (mg/L)	**9.9**	6.3	**8.2**	0.8	37.1	**10.8**	8.0	**9.5**	<0.2	58.6	**7.8**	4.7	**6.9**	<0.2	3
Total Hardness (mg/L as $CaCO_3$)	**61**	37	**56**	<4	211	**150**	103	**147**	<4	881	**88**	61	**80**	<4	5

Attachment: Chippewa_K Mararik (6868 : Chippewa County Well Water Quality, as

Manganese

- Naturally occurring
- Aesthetic Level: 0.050 mg/L
  - Causes black/brown precipitate and possible staining on fixtures
- Health Advisory Level: 0.300 mg/L
  - Long-term exposure may harm the nervous system

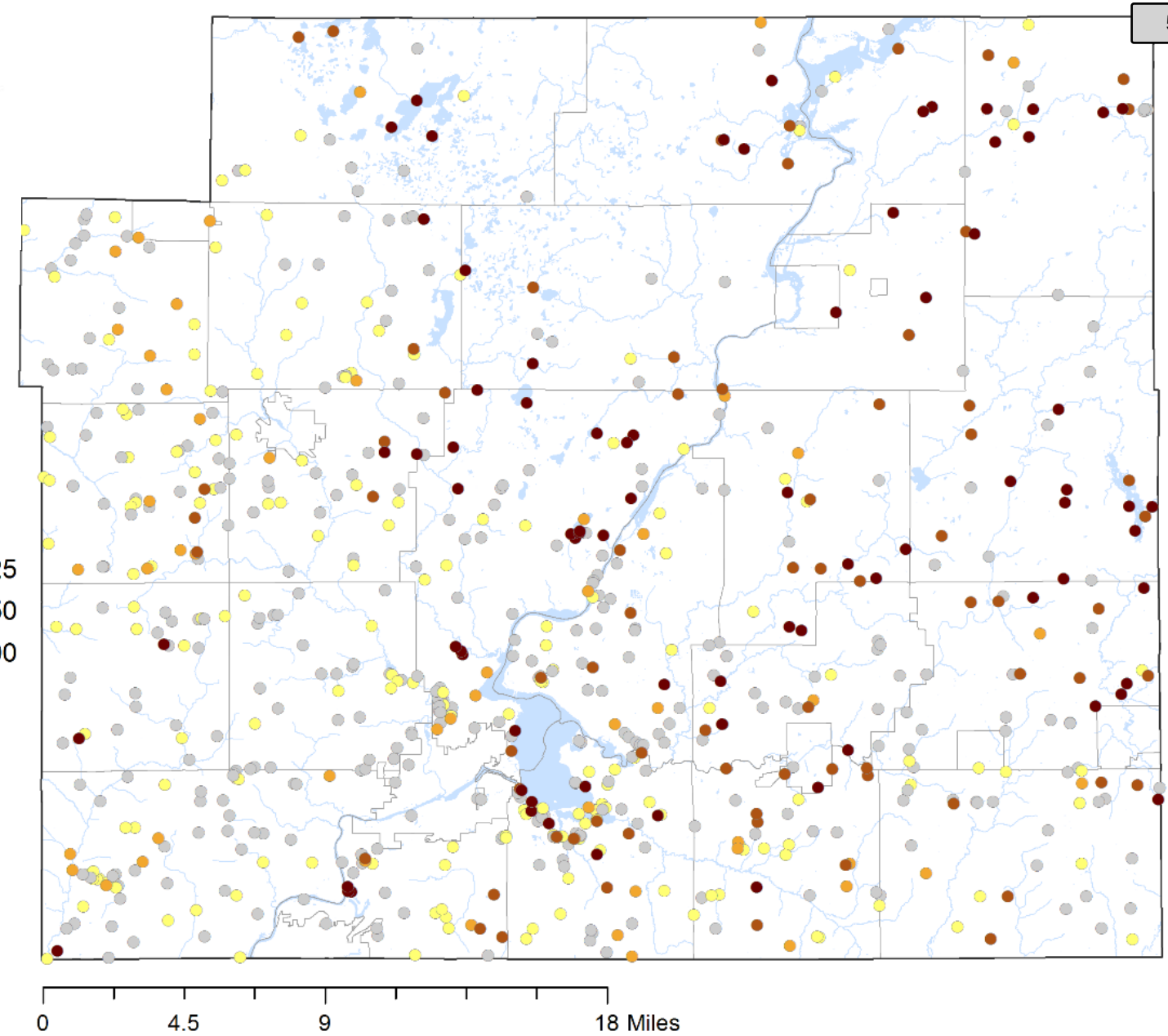




Health considerations | Aesthetic concerns | Likely land use impacts | No health or

Attachment: Chippewa_K Mararik (6868 : Chippewa County Well Water Quality, as



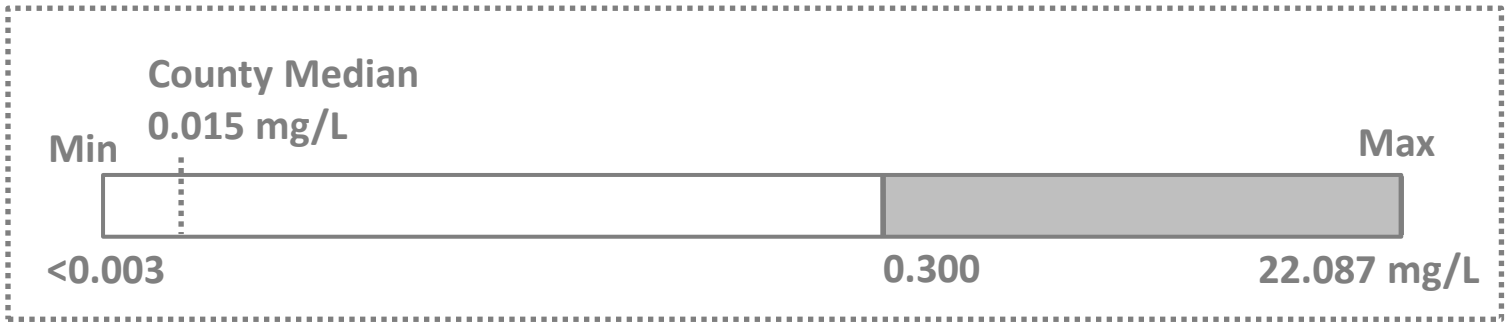


Attachment: Chippewa_K Mararik (6868 : Chippewa County Well Water Quality, as

Iron

- Naturally occurring in soils and rock
- Aesthetic Level: 0.300 mg/L
  - Taste
  - Reddish-brown staining of sinks, showers, toilets and laundry
- Treatment:
  - Oxidation or Iron Filters
  - Water softeners

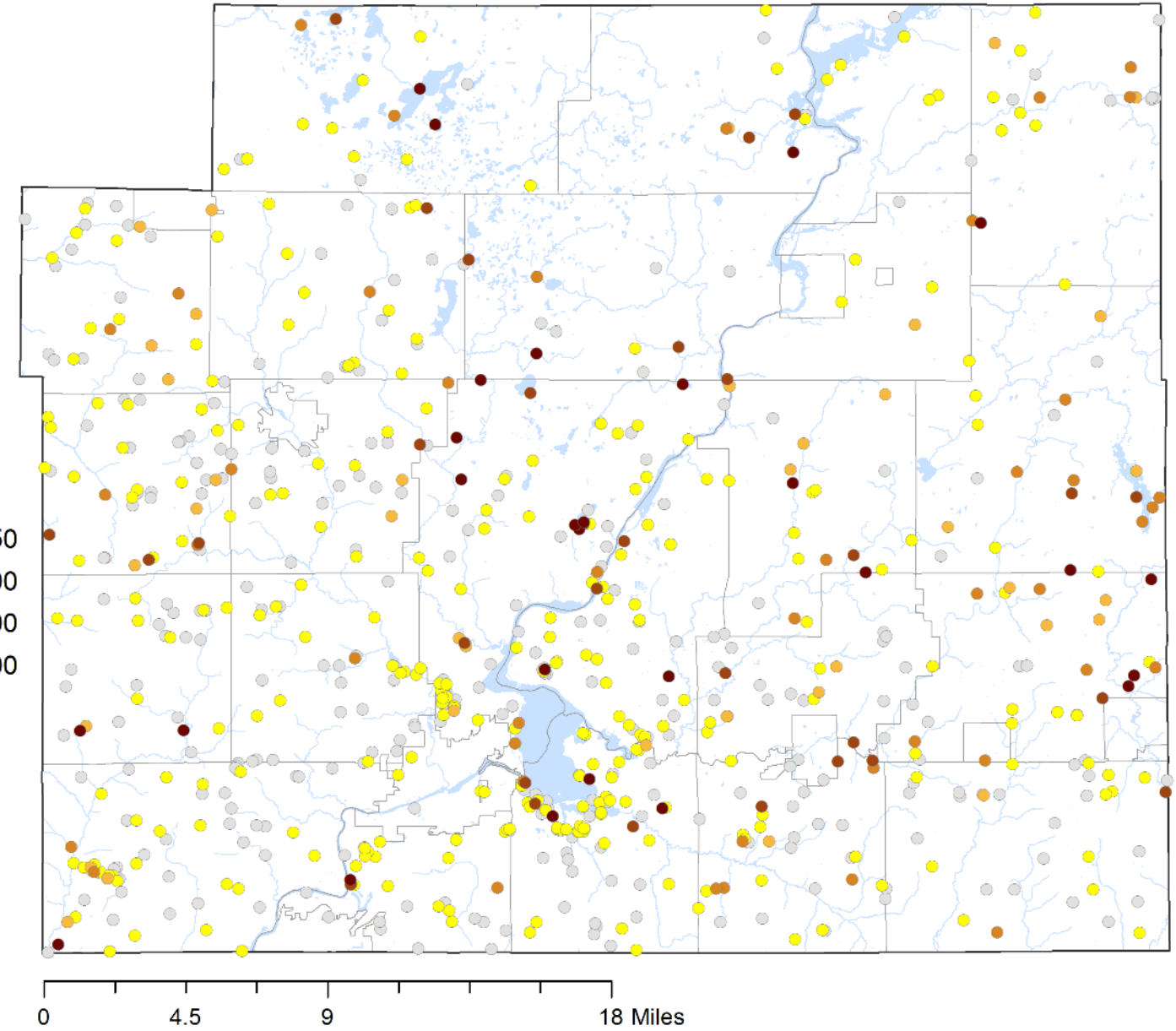




Health considerations | Aesthetic concerns | Likely land use impacts | No health or

Attachment: Chippewa_K Mararik (6868 : Chippewa County Well Water Quality, as





Attachment: Chippewa_K Mararik (6868 : Chippewa County Well Water Quality, as

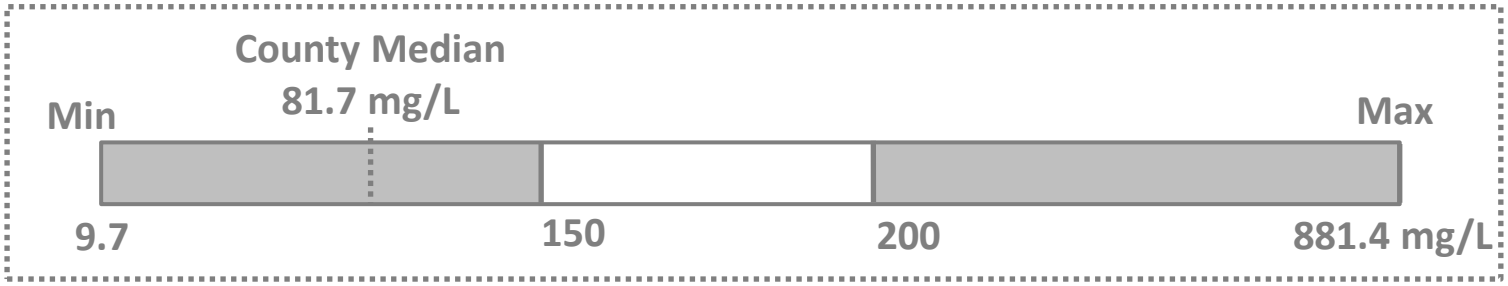
2016 Chippewa Well Water Quality Inventory

Hardness

- Measure of calcium and magnesium
- Naturally occurring from dissolution of limestone or dolomite in rocks/soil
- Aesthetic Problems:
  - Greater than 200 mg/L
    - Scale deposits on fixtures/pipes/water heaters
    - Treatment: Water softener
  - Less than 150 mg/L
    - Soft water that tends to be more corrosive
    - Treatment: Acid-neutralizer



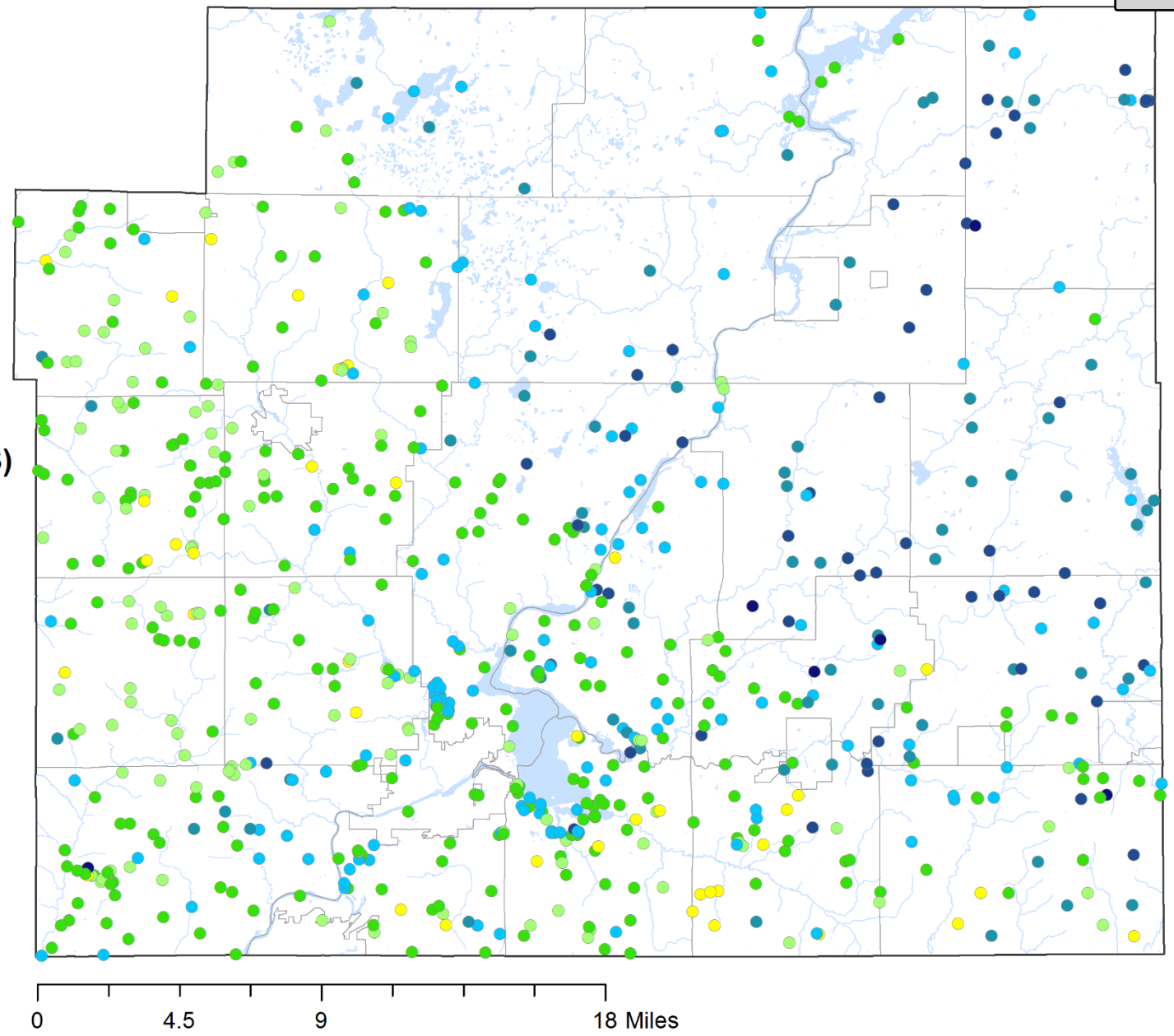




Health considerations | Aesthetic concerns | Likely land use impacts | No health or

Attachment: Chippewa_K Mararik (6868 : Chippewa County Well Water Quality, as





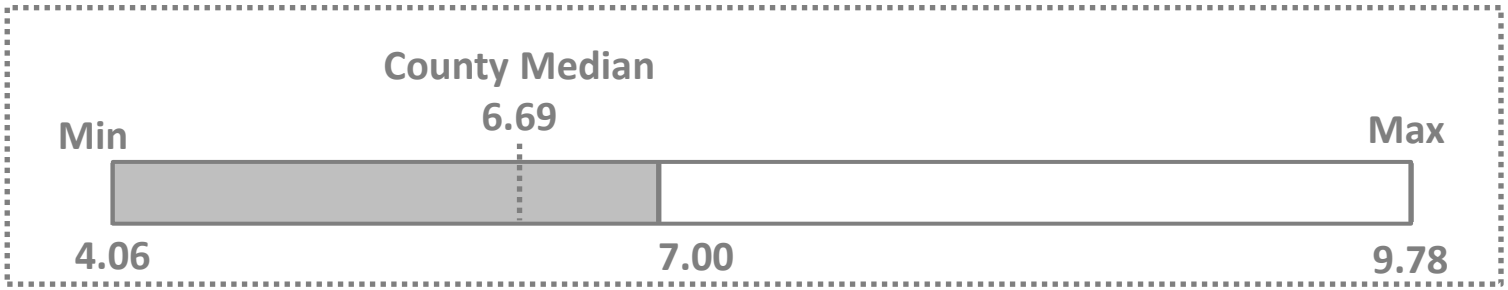
Attachment: Chippewa_K Mararik (6868 : Chippewa County Well Water Quality, as

2016 Chippewa Well Water Quality Inventory

pH

- Measure of acidity
- Levels less than 7.0 are:
  - More likely to cause corrosion
  - More likely to result in elevated levels of lead/copper if found in plumbing system
- Treatment: Acid-neutralizer

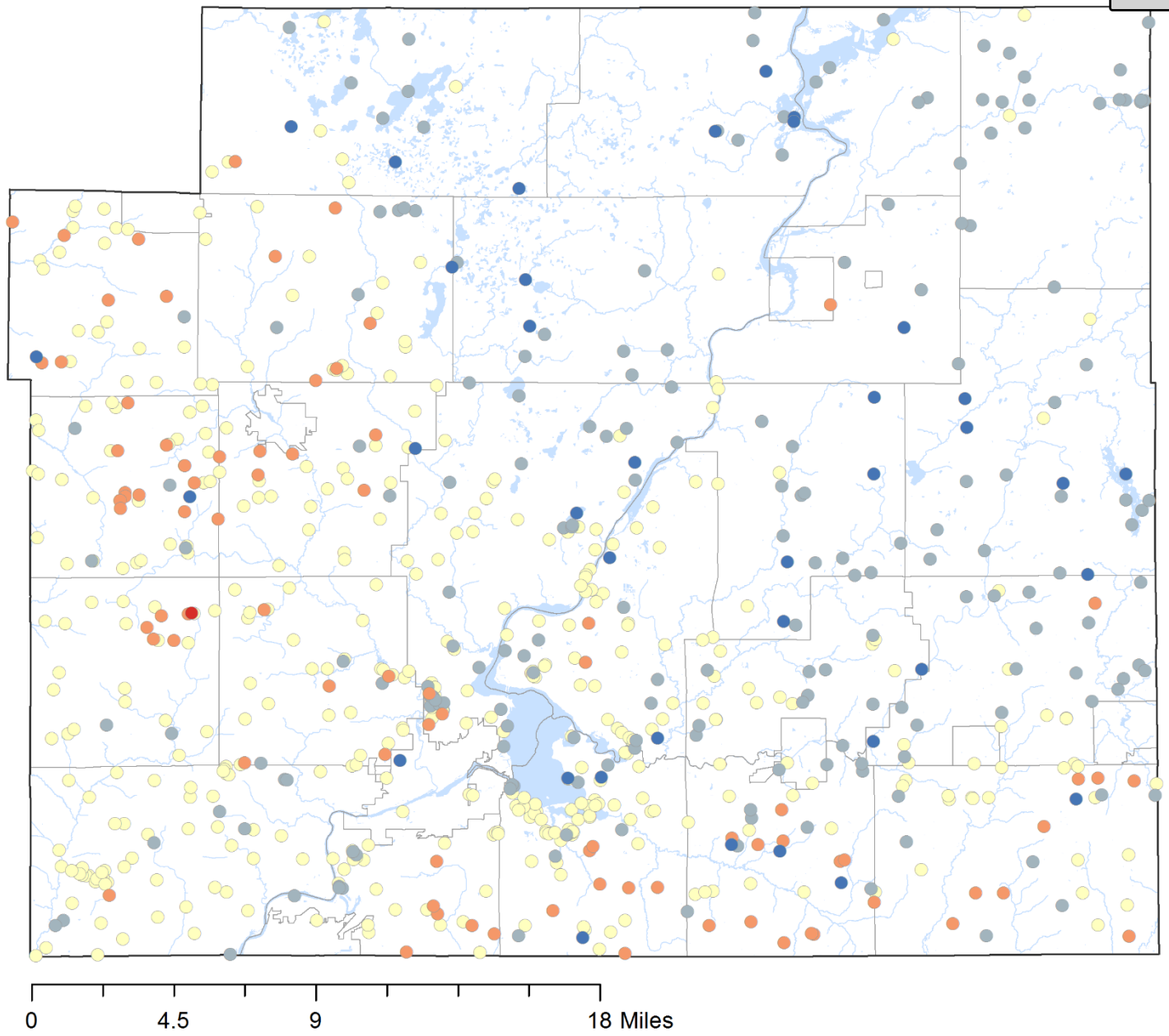




Health considerations | Aesthetic concerns | Likely land use impacts | No health or

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Attachment: Chippewa_K Mararik (6868 : Chippewa County Well Water Quality, as

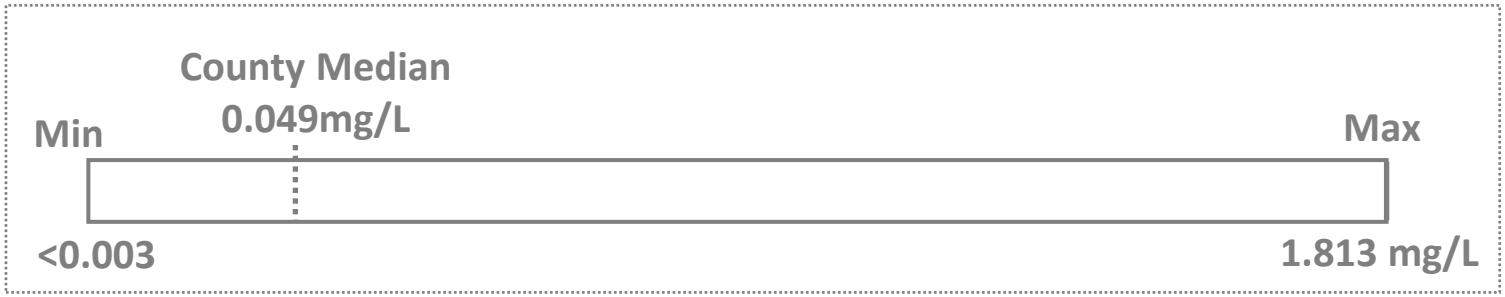
2016 Chippewa Well Water Quality Inventory

Phosphorus

- Naturally low in groundwater
- Elevated levels may result from dissolution of phosphorus rich minerals
- Not a common test for well or drinking water
- Concern for surface water quality- contributes to eutrophication
  - soil & P fertilizer runoff



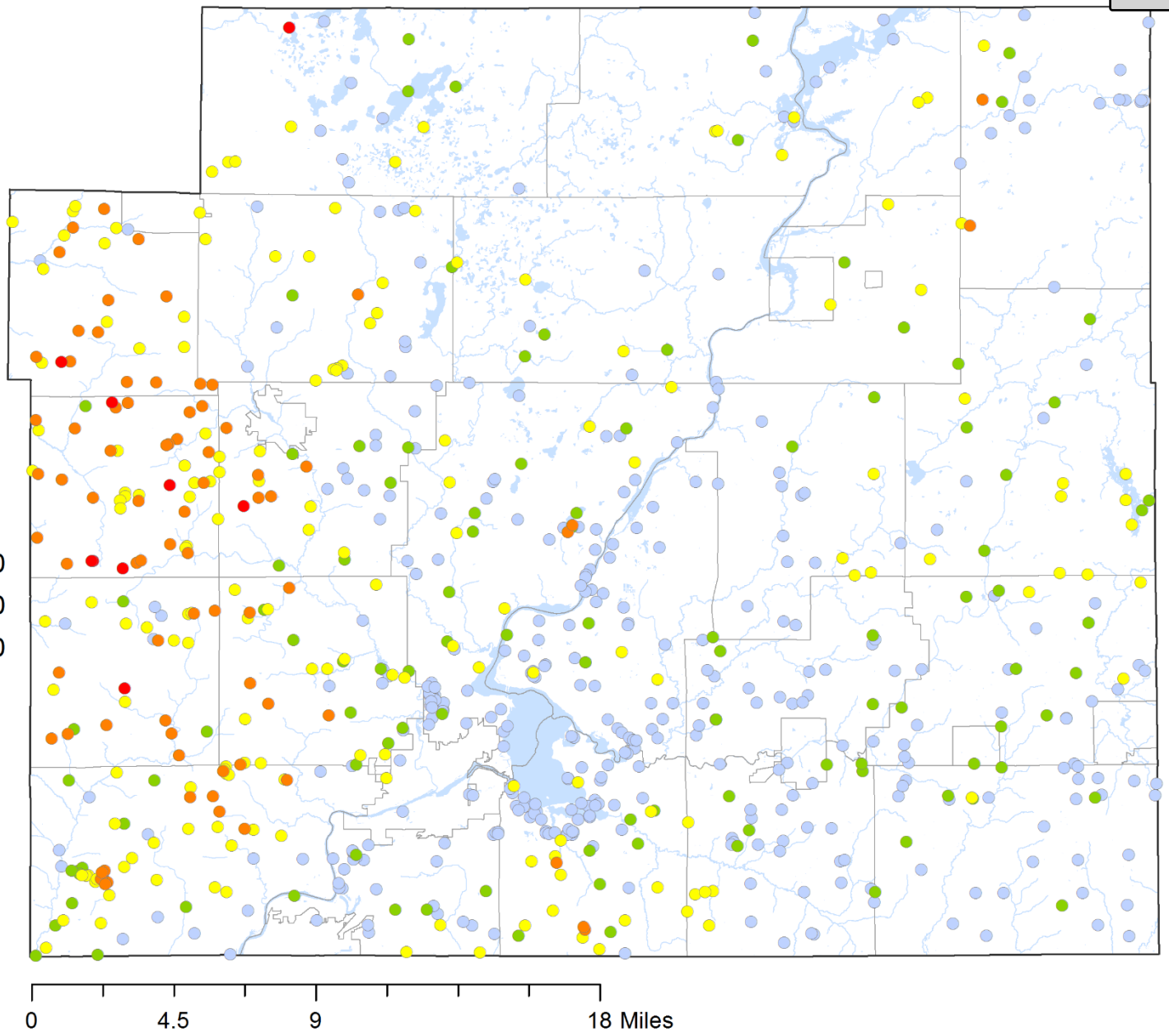
Algae bloom on Wisconsin's Lake Tainter. (photo: Peg McAloon)



Health considerations | Aesthetic concerns | Likely land use impacts | No health or

Attachment: Chippewa_K Mararik (6868 : Chippewa County Well Water Quality, as





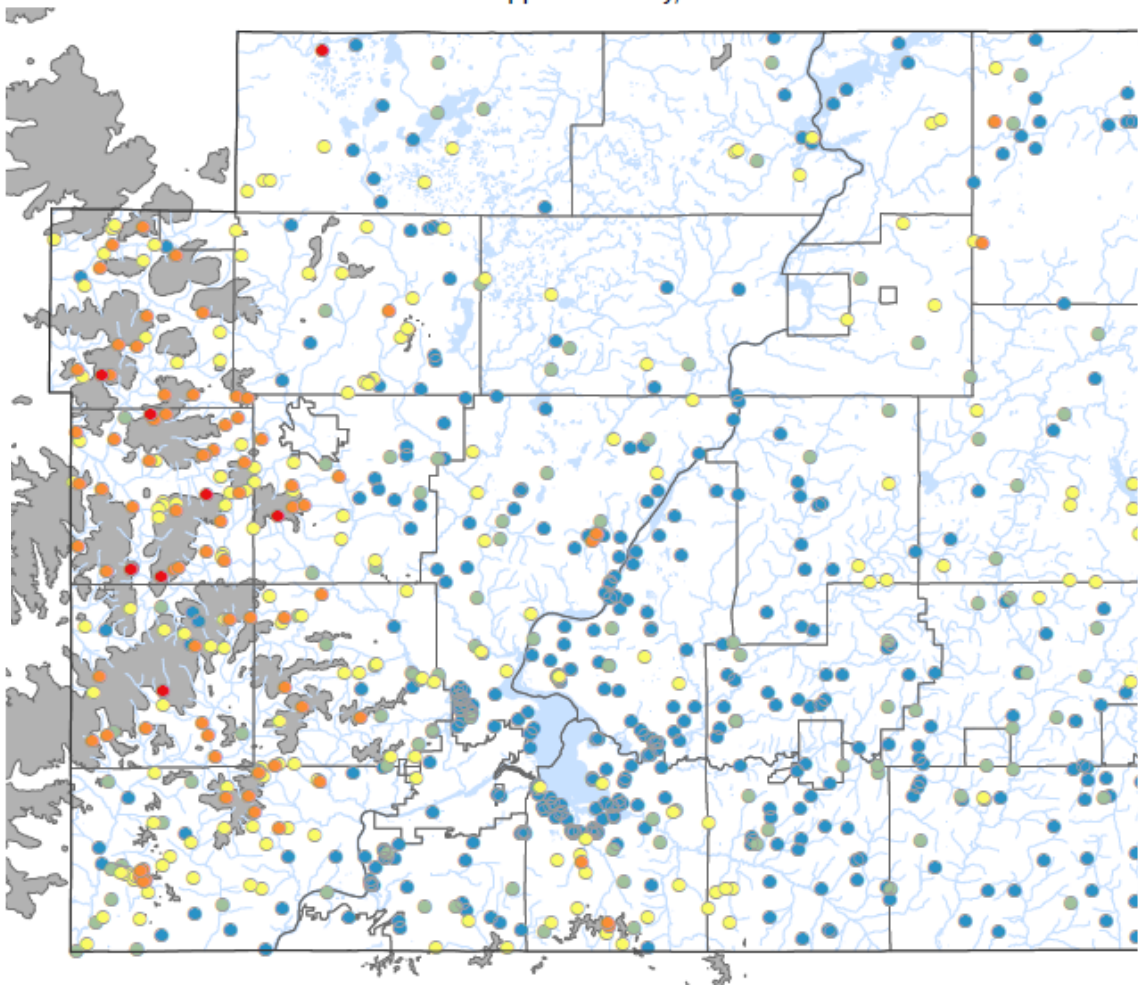
Attachment: Chippewa_K Mararik (6868 : Chippewa County Well Water Quality, as

2016 Chippewa Well Water Quality Inventory



2016 Phosphorous & Intersection with Wonewoc and Tunnel City

Chippewa County Groundwater Quality Inventory 2016
Chippewa County, WI



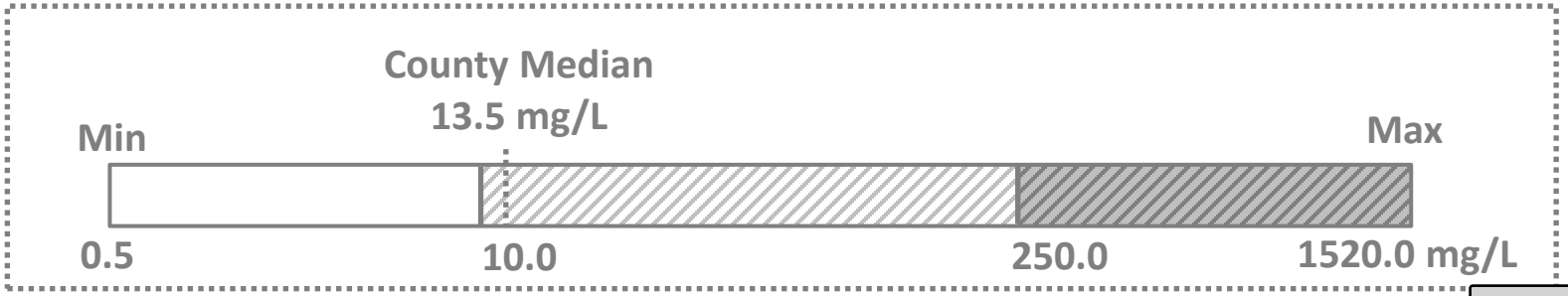
Wonewoc and Tunnel City Layer courtesy of WGNH

Attachment: Chippewa_K Mararik (6868 : Chippewa County Well Water Quality, as

Chloride

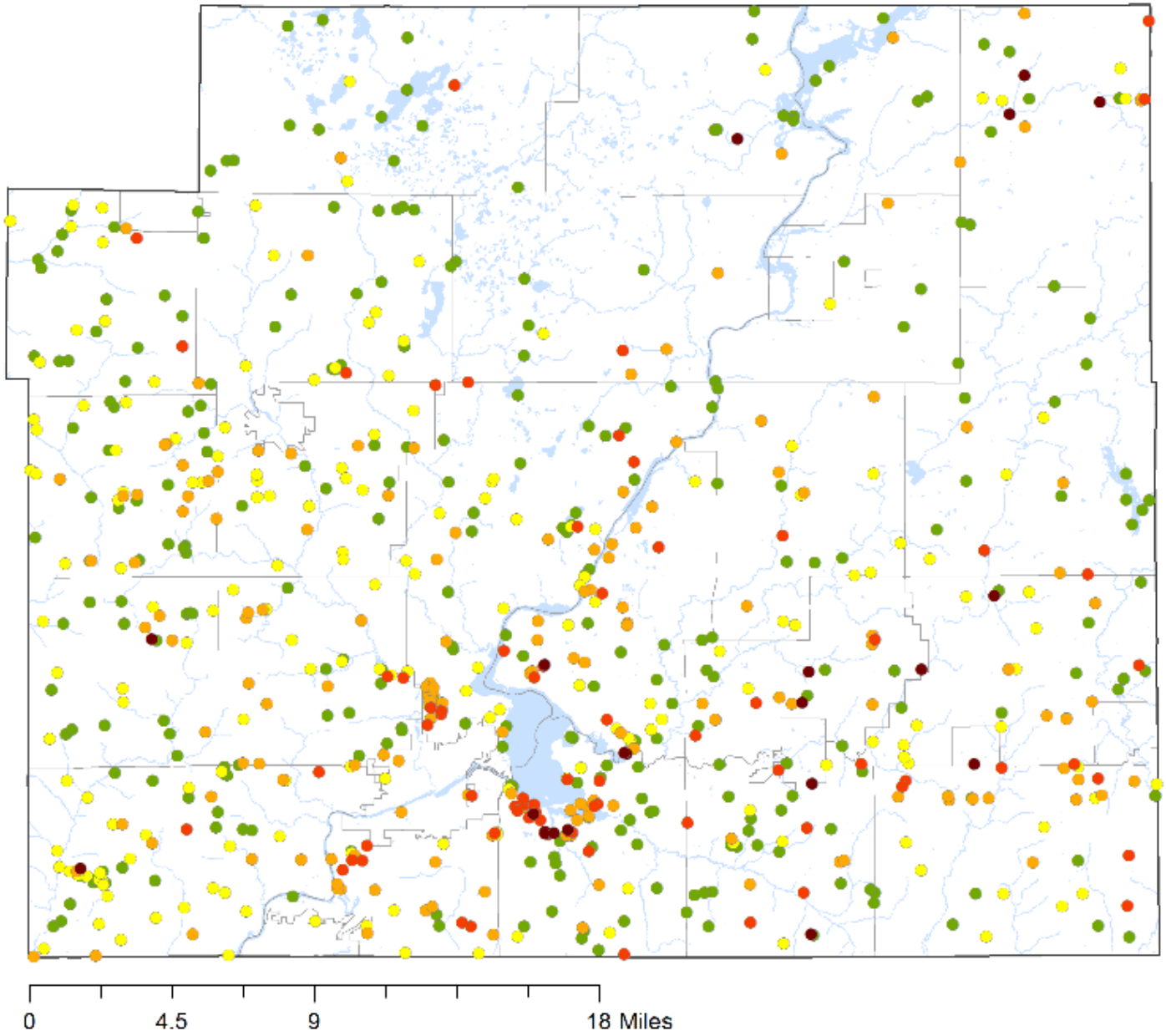
- Natural levels generally <10 mg/L
- Elevated levels associated with:
  - Fertilizers, septic system effluent, road salt
- Aesthetic Level: 250 mg/L
  - Salty taste
  - Corrosion of some metals


Photo: PBS Newshour



Attachment: Chippewa_K Mararik (6868 : Chippewa County Well Water Quality, as





Attachment: Chippewa_K Mararik (6868 : Chippewa County Well Water Quality, as

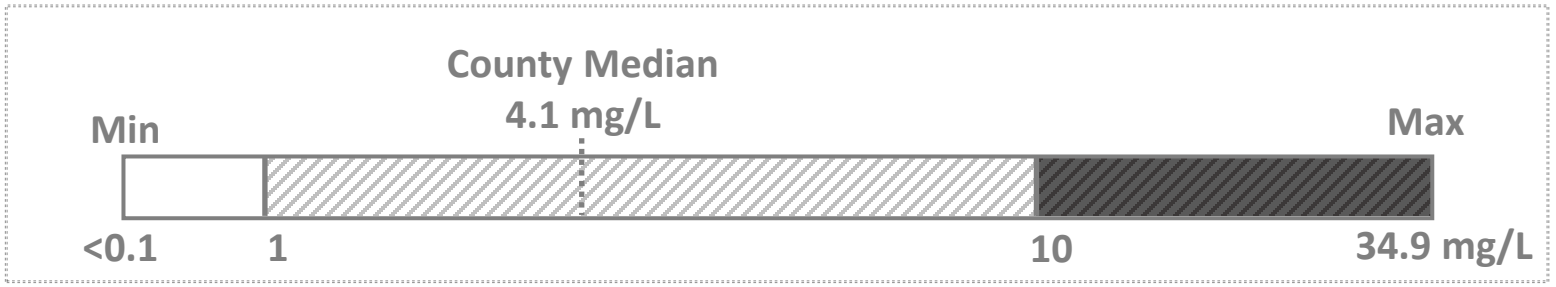
Nitrate

- Natural levels in groundwater < 1 mg/L
- Elevated levels associated with:
  - Fertilizers, manure/bio-solid applications, septic system effluent
- Health Standard: 10 mg/L
  - Methemoglobinemia, birth defects, miscarriages, thyroid function
  - Greater than 10 mg/L should not be used by infants, pregnant women or those trying to become pregnant. Everyone else avoid long-term consumption.
- Treatment: Reverse osmosis, distillation, or anion exchange (drinking water only)





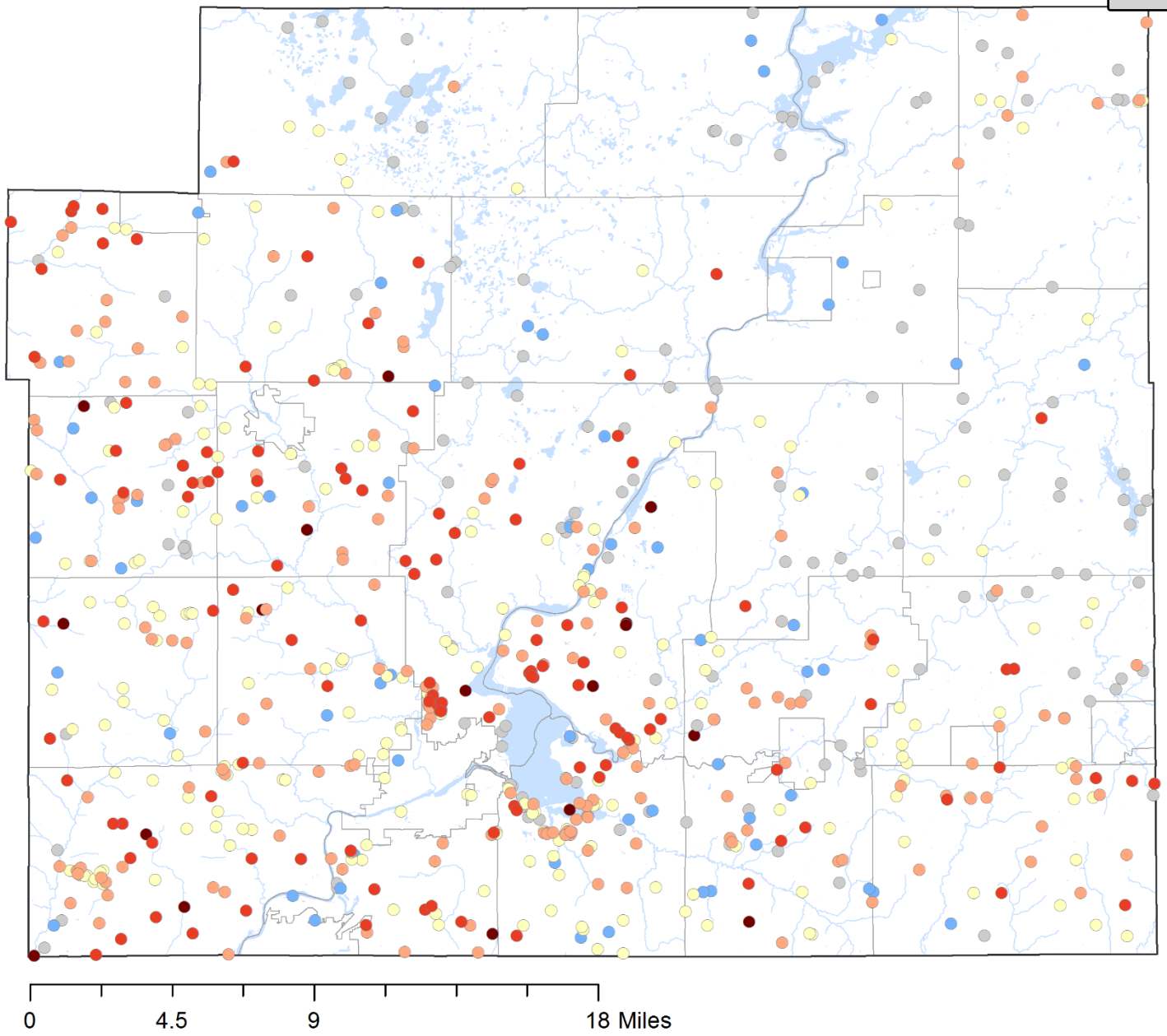




Health considerations | Aesthetic concerns | Likely land use impacts | No health or

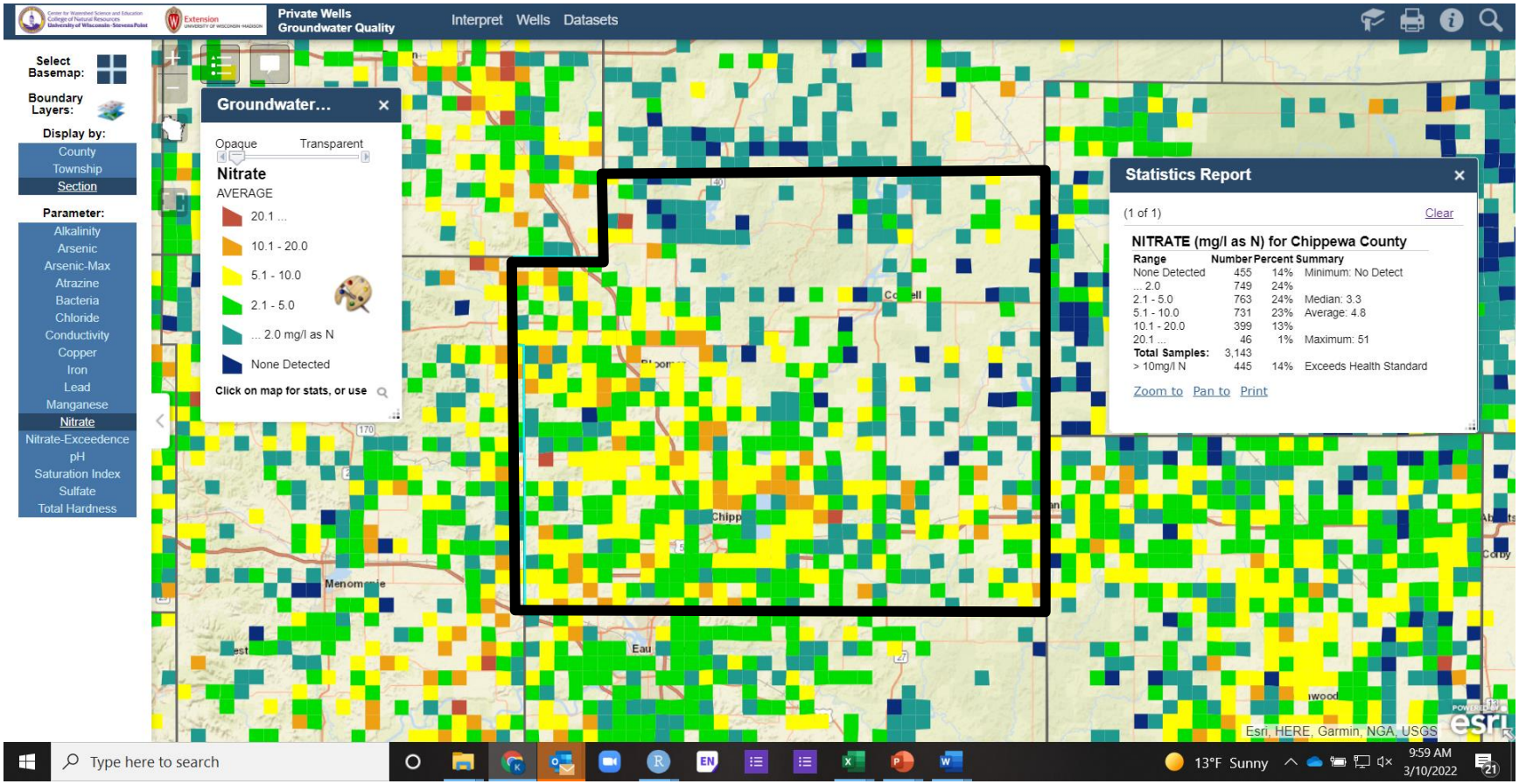
Attachment: Chippewa_K Mararik (6868 : Chippewa County Well Water Quality, as





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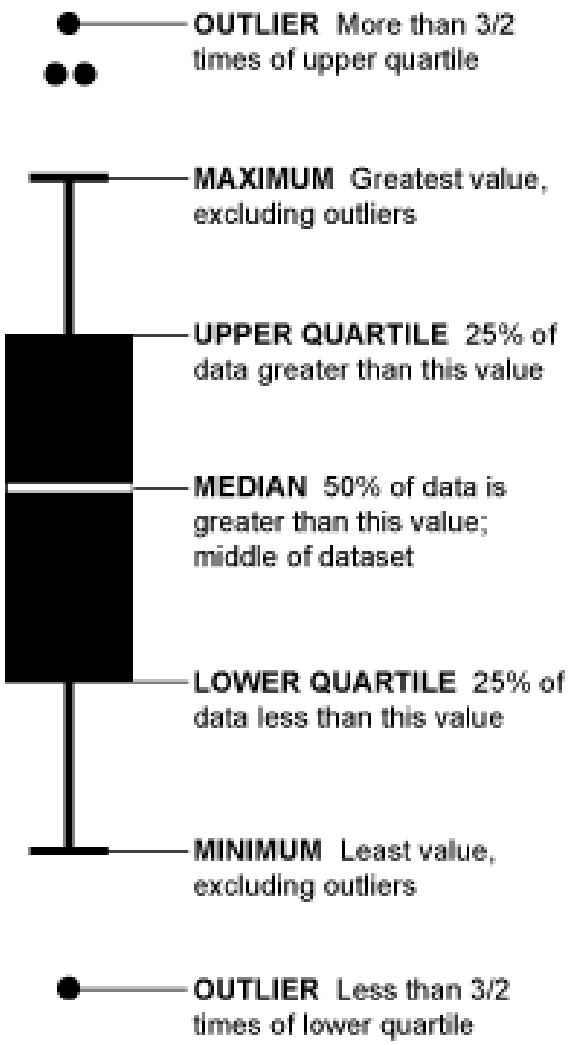
2016 data integrated into WI Well Water Viewer



https://www.uwsp.edu/cnr-ap/watershed/Pages/WellWaterVie

Attachment: Chippewa_K Mararik (6868 : Chippewa County Well Water Quality, as

Understanding Box Plots

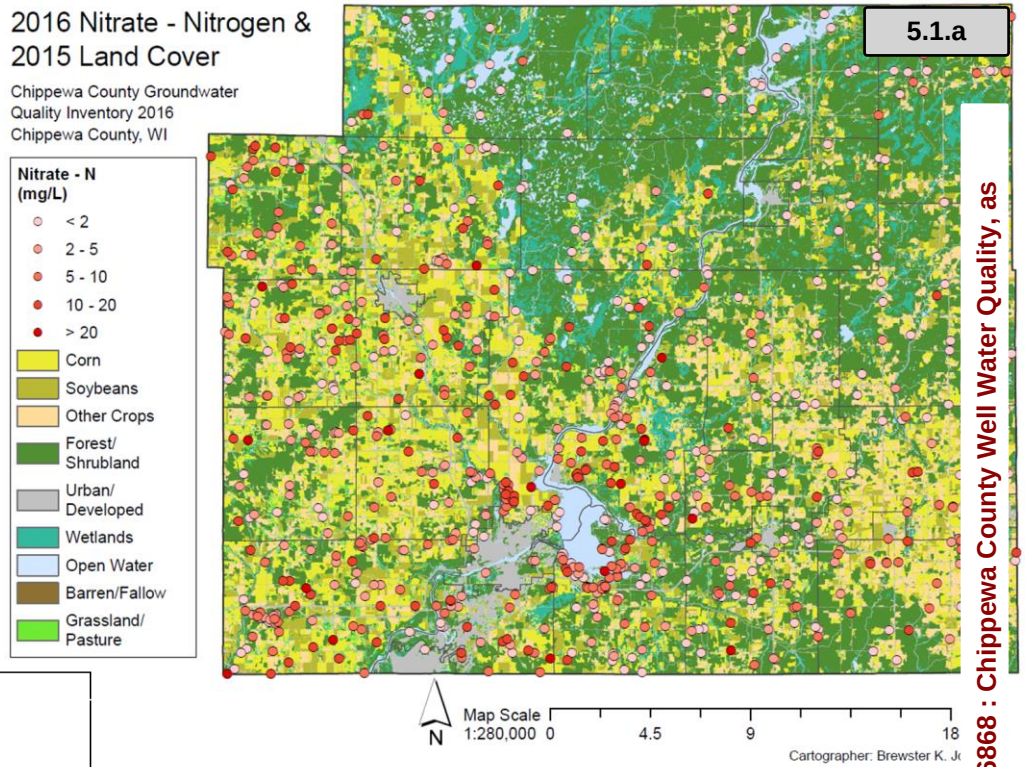


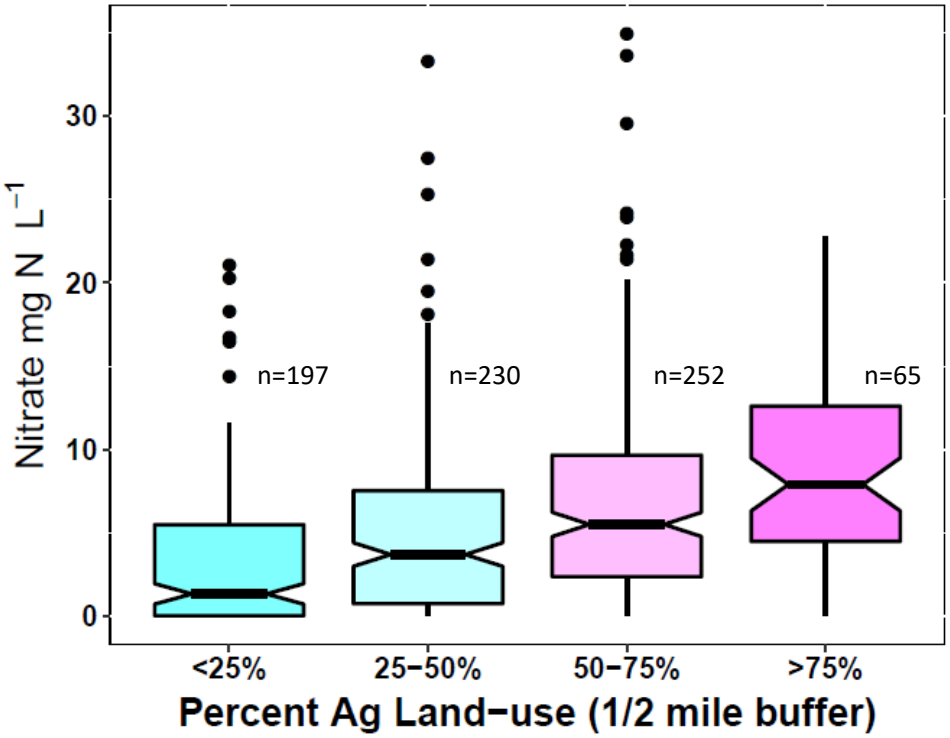
Attachment: Chippewa_K Mararik (6868 : Chippewa County Well Water Quality, as

https://flowingdata.com/2008/02/15/how-to-read-and-use-a-box-and-whisker-plot/

Chippewa County: Nitrate by % Agriculture





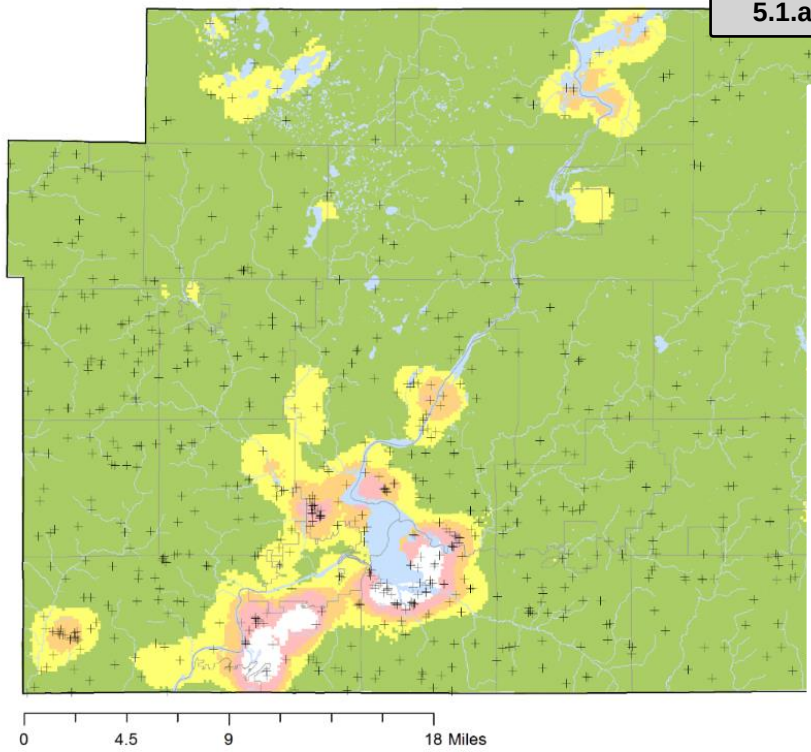


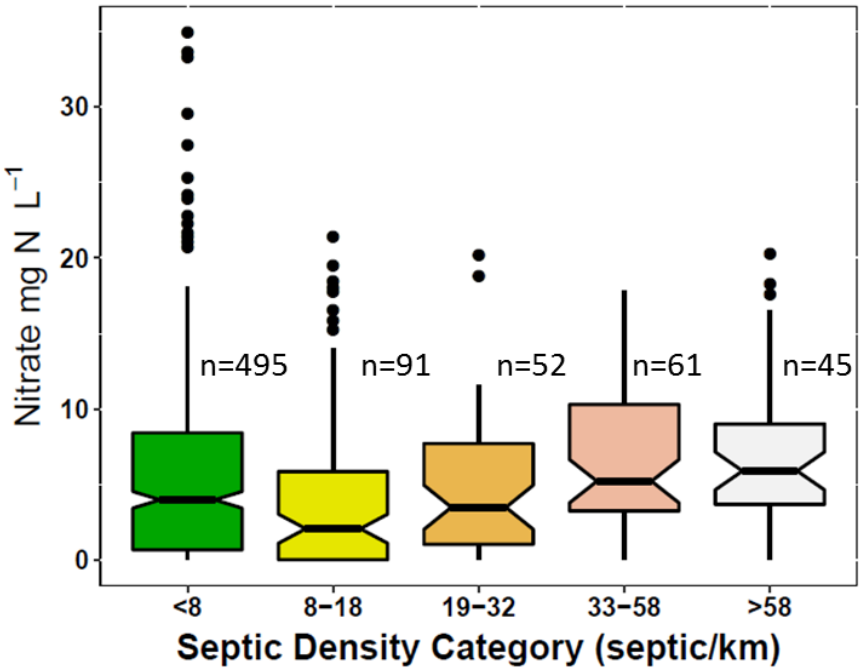
5.1.a

Attachment: Chippewa_K Mararik (6868 : Chippewa County Well Water Quality, as

Chippewa County: Nitrate and septic system density

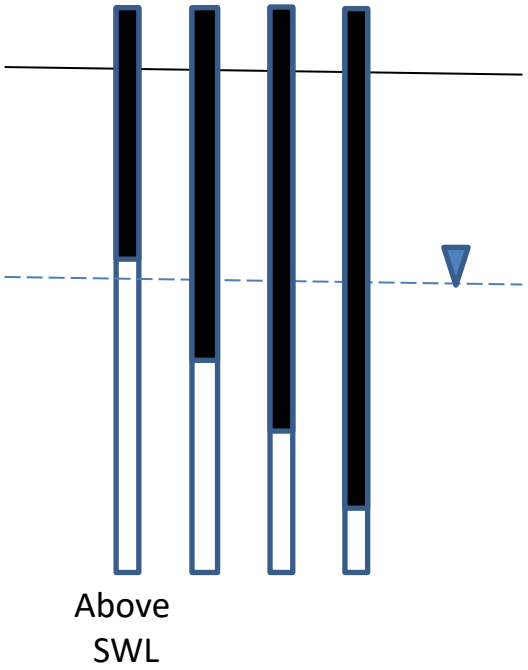


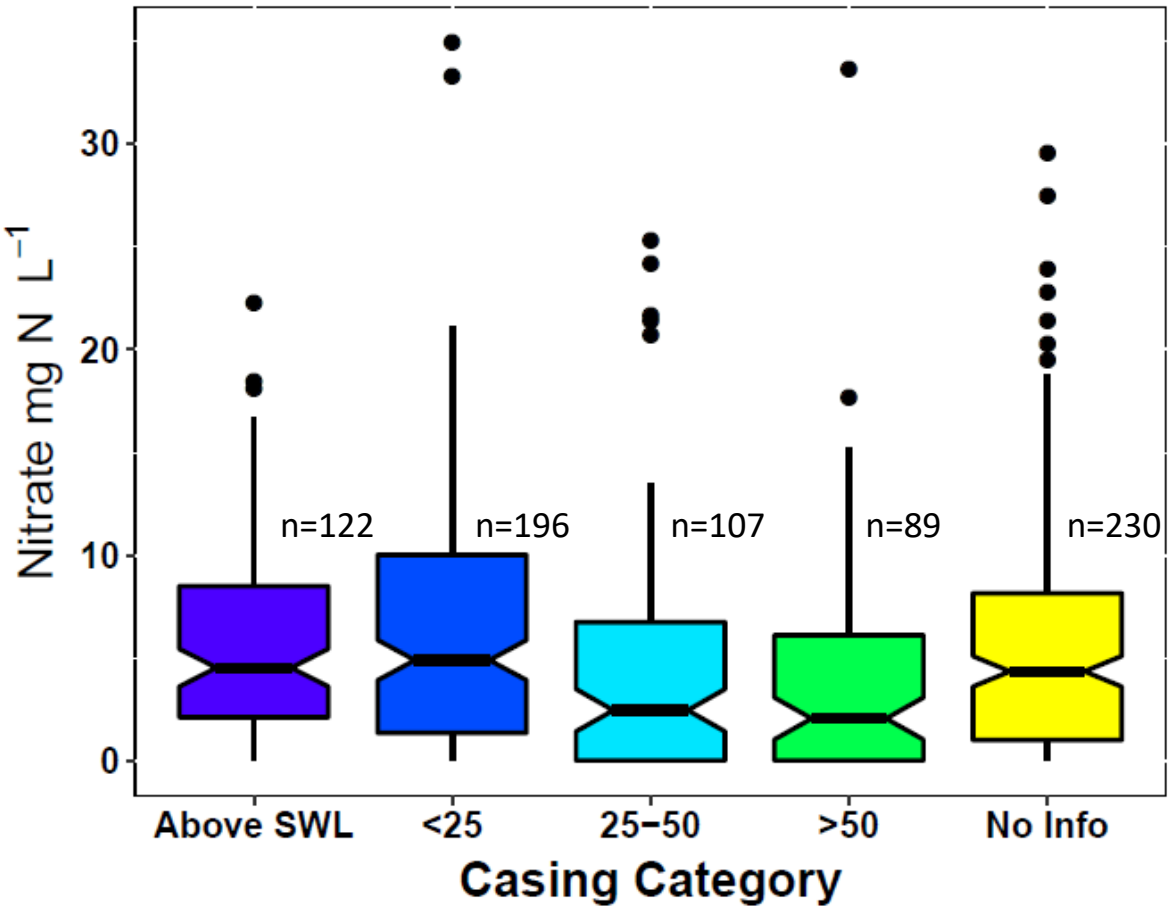




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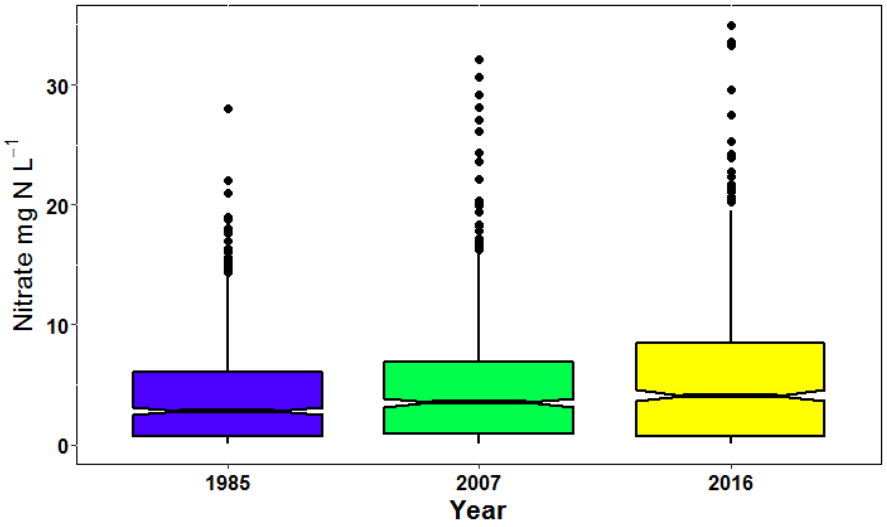
Casing depth and nitrate

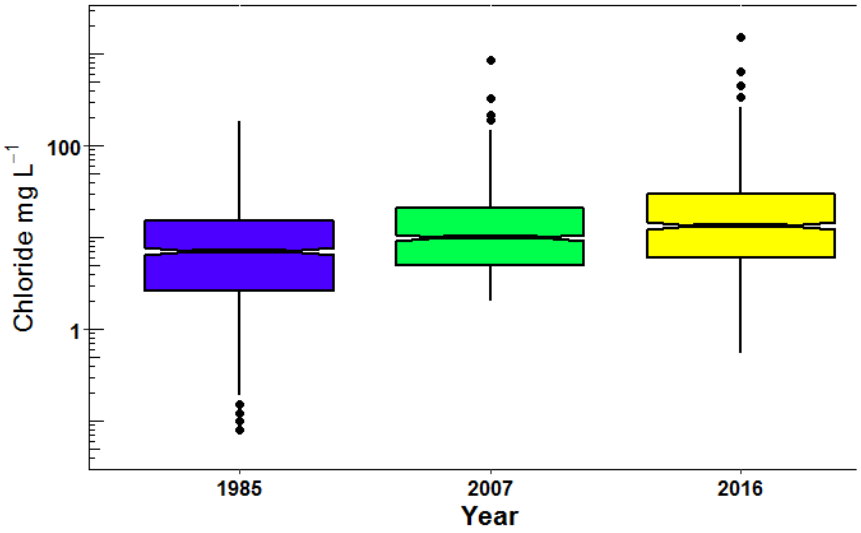




Attachment: Chippewa_K Mararik (6868 : Chippewa County Well Water Quality, as

Water quality changes over time (1985, 2007, 2016)
All samples

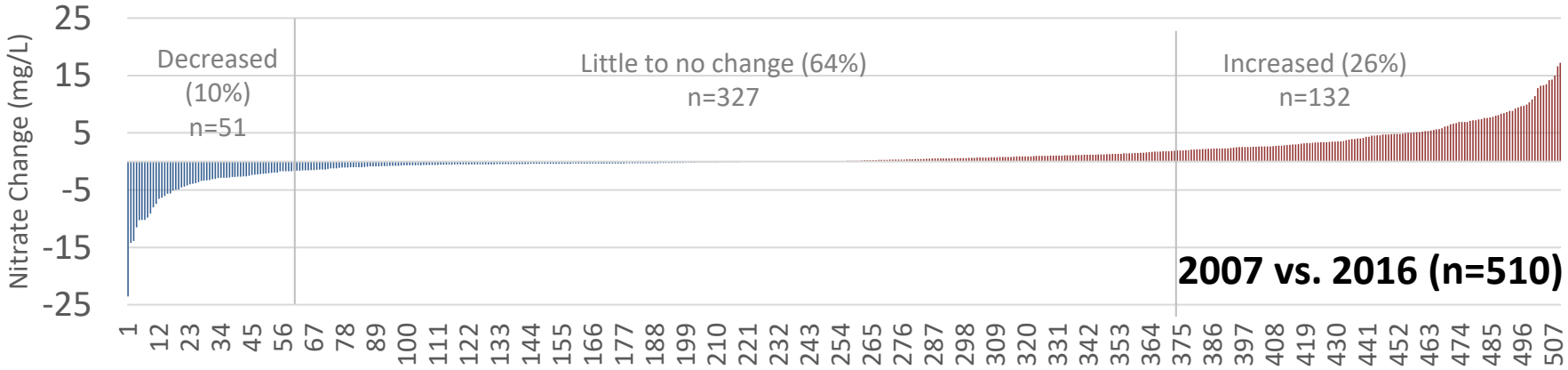


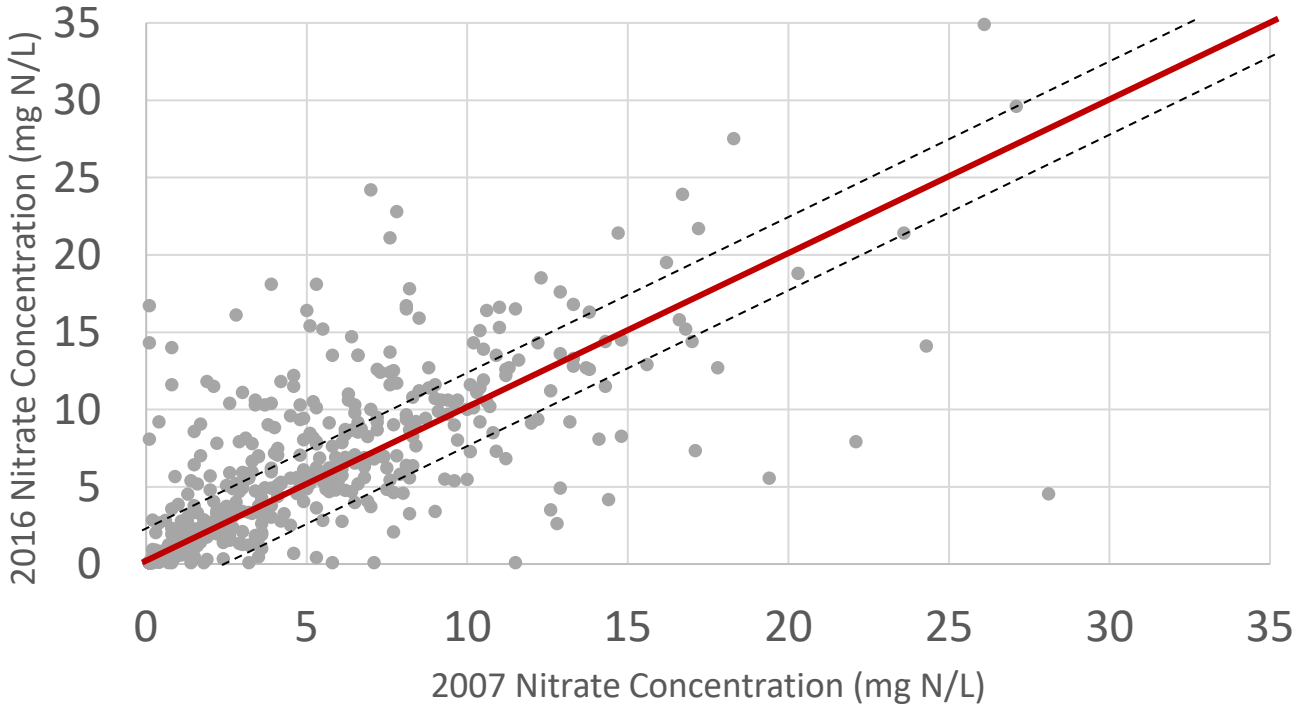


	n	Nitrate-Nitrogen (mg/L)					Chloride (mg/L)				
		Median	Mean	StDev	Min	Max	Median	Mean	StDev	Min	Max
1985	715	2.8	4.2	4.4	<0.1	28.0	6.8	10.7	13.7	<1	182
2007	800	3.5	4.7	4.8	<0.1	32.1	10.0	19.0	38.7	<1	858
2016	744	4.1	5.5	5.6	<0.1	34.9	13.5	27.6	69.6	0.5	1520

Attachment: Chippewa_K Mararik (6868 : Chippewa County Well Water Quality, as

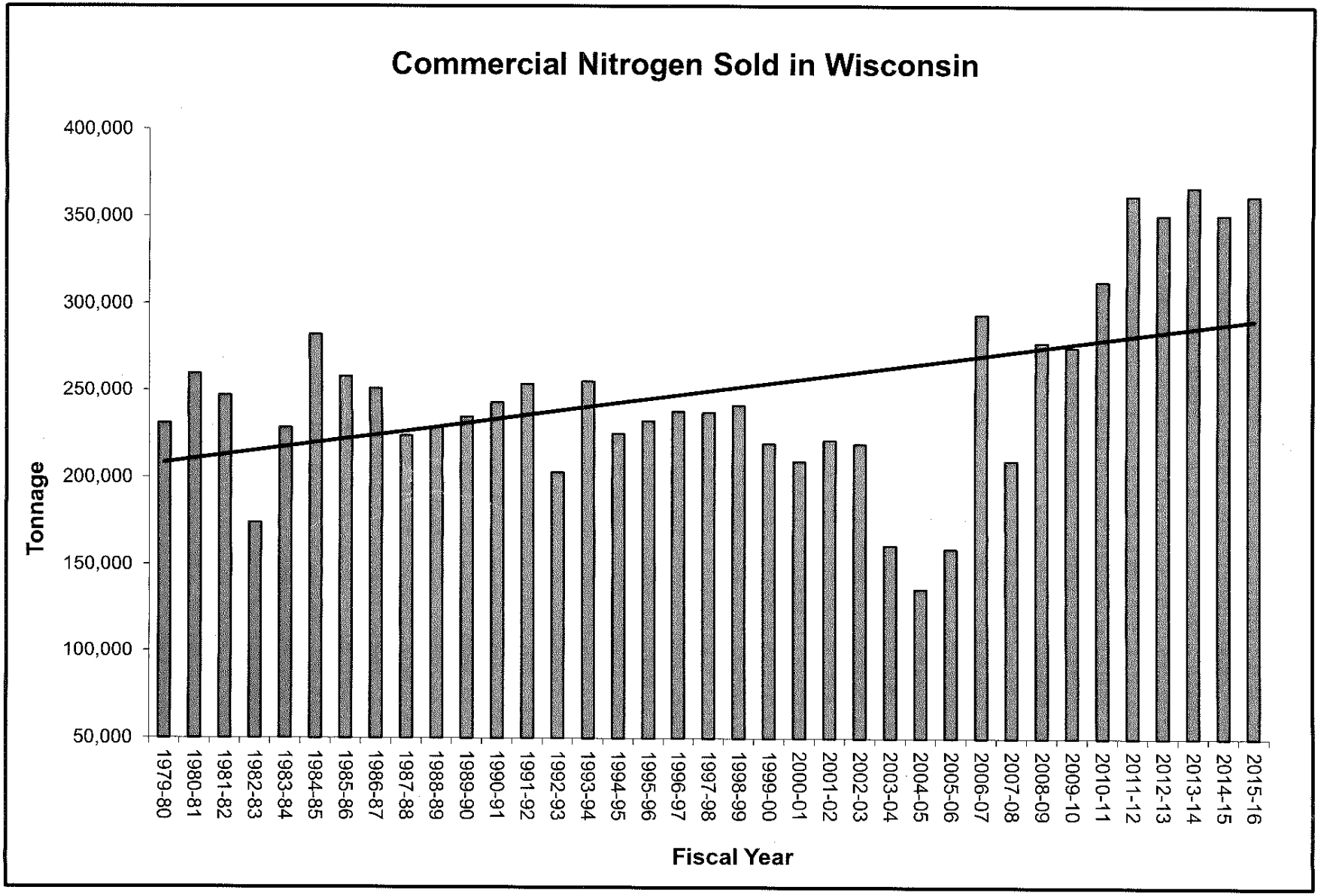
Comparing nitrate concentrations over time





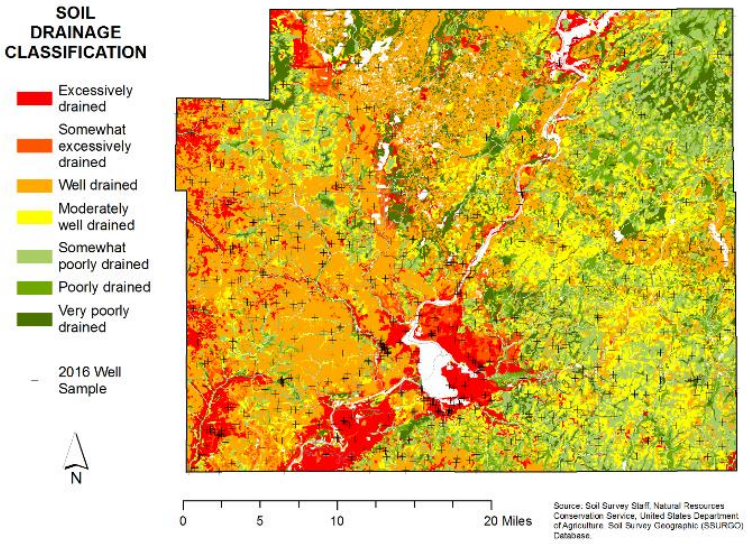
Year	Nitrate Average (mg N/L)	Grea than mg/
1985	4.2	11.3
2007	4.7	12.3
2016	5.5	18.3

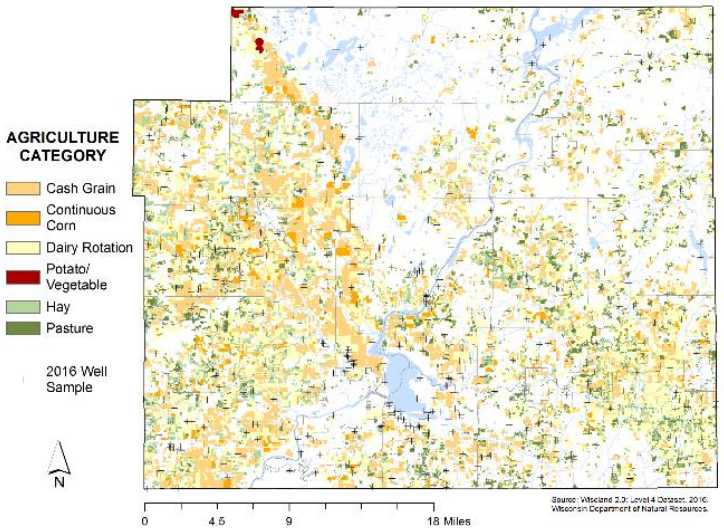
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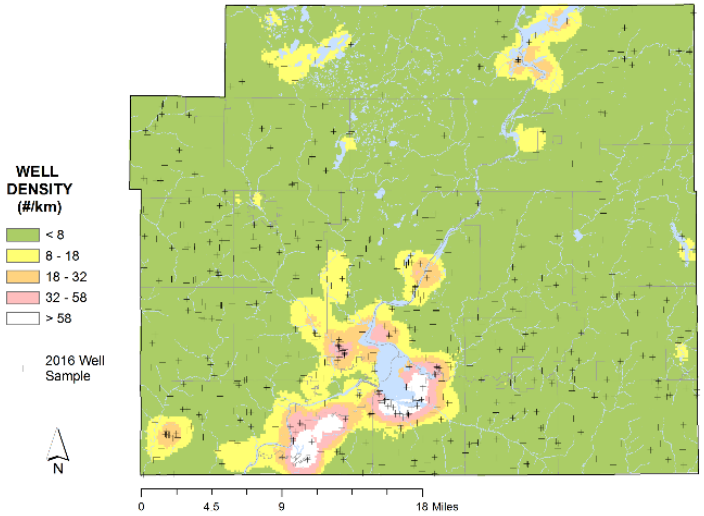


Attachment: Chippewa_K Mararik (6868 : Chippewa County Well Water Quality, as

Predictive Model for Nitrate








```
Original Fit 5
#------------------------------------------------------------------------

Call:
lm(formula = NITRATE_SQRT ~ CORN_CASH + DAIRY + HAY + RLTIVE_DNS +
    Weighted.Average.Rank, data = chippewa_combined)

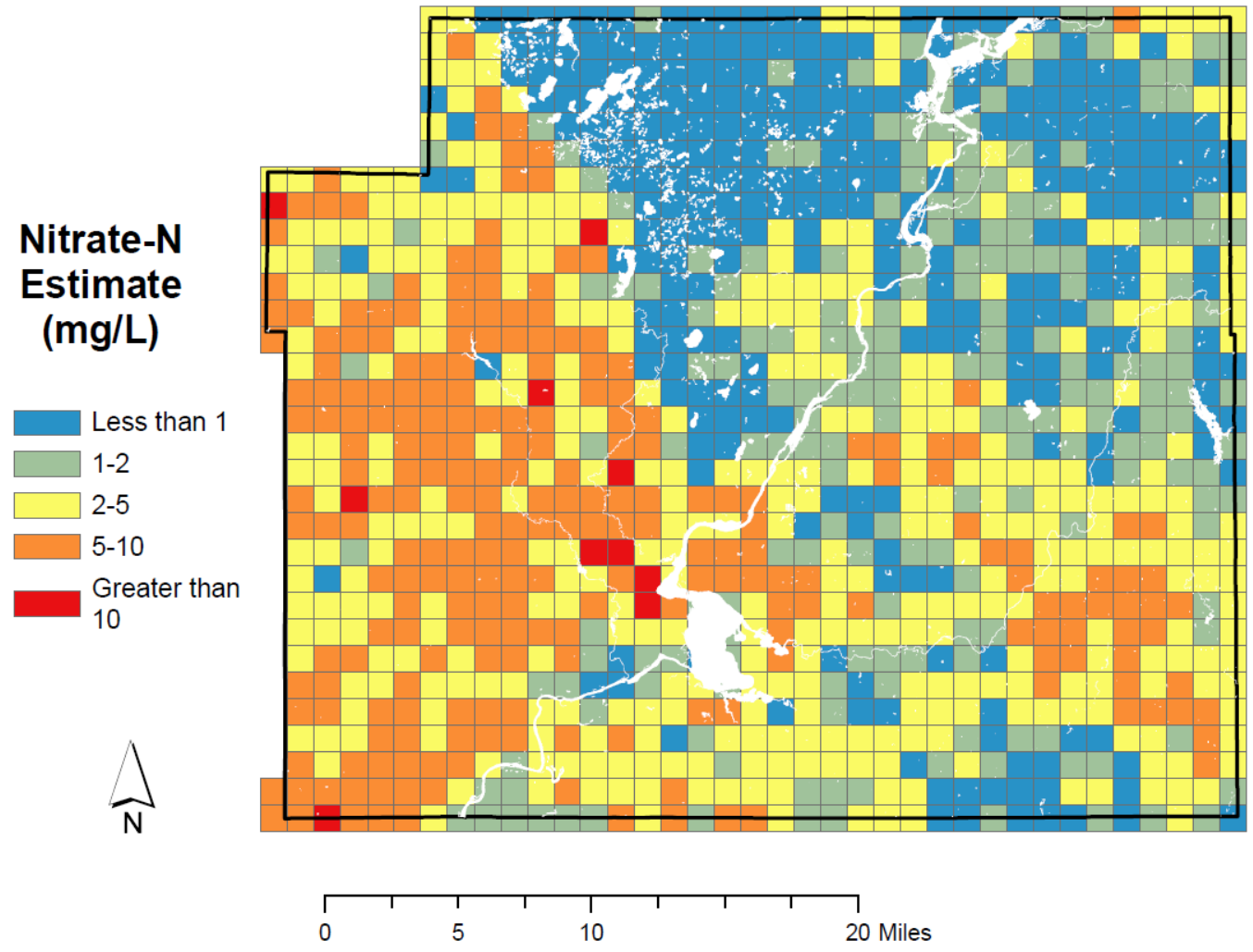
Residuals:
    Min      1Q  Median      3Q     Max
-2.6939 -0.7798 -0.0012  0.7205  3.9679

Coefficients:
                    Estimate Std. Error t value Pr(>|t|)
(Intercept)          0.21229    0.21826   0.973   0.3310
CORN_CASH            2.71980    0.27606   9.852  < 2e-16 ***
DAIRY                1.64863    0.28357   5.814 9.09e-09 ***
HAY                  2.43170    0.49096   4.953 9.07e-07 ***
RLTIVE_DNS           1.39460    0.32025   4.355 1.52e-05 ***
Weighted.Average.Rank  0.11734    0.05018   2.338   0.0196 *
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 1.12 on 738 degrees of freedom
Multiple R-squared:  0.2161,    Adjusted R-squared:  0.21
F-statistic: 40.68 on 5 and 738 DF,  p-value: < 2.2e-16
```

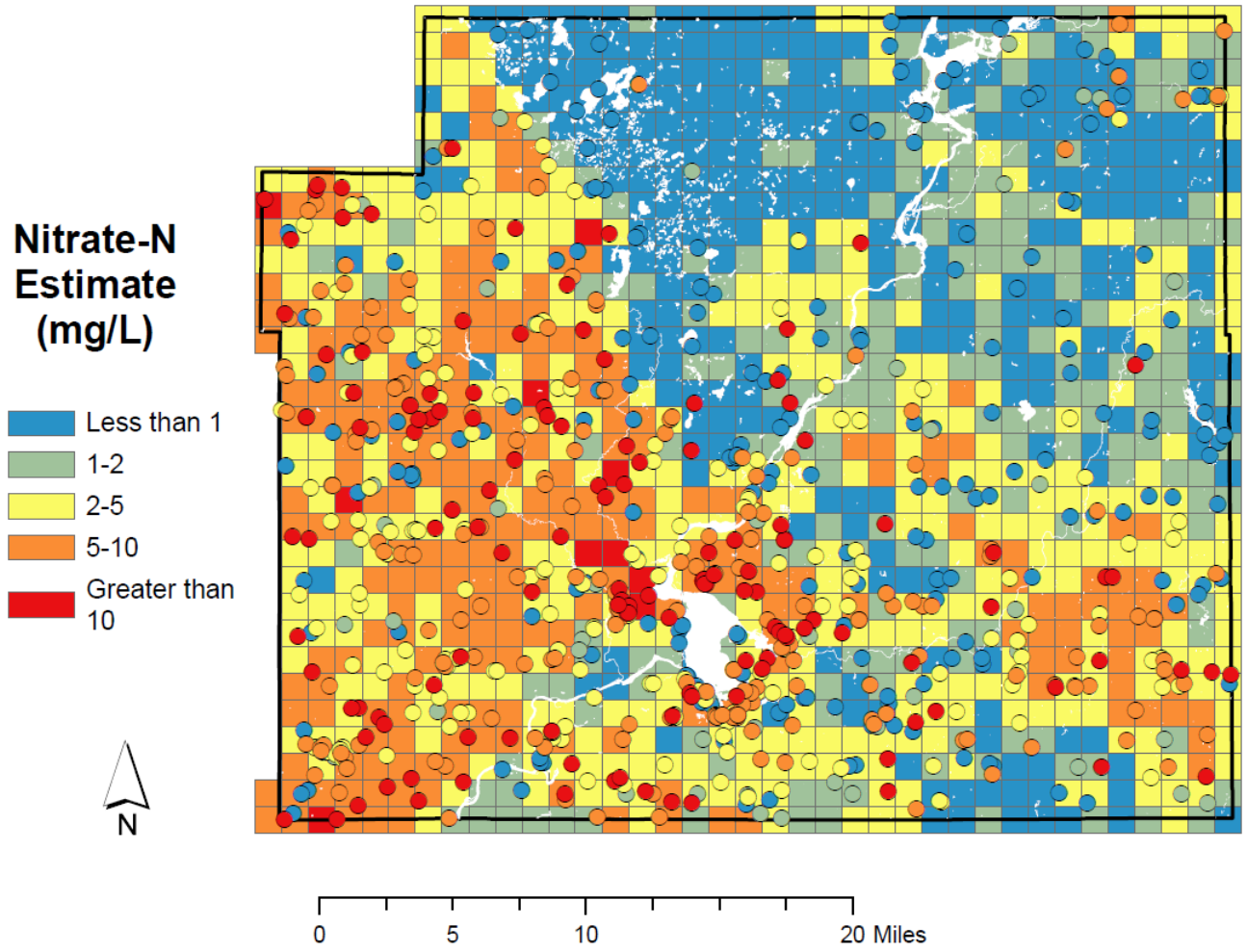
Attachment: Chippewa_K Mararik (6868 : Chippewa County Well Water Quality, as

Chippewa Predicted Nitrate-N Concentration



Attachment: Chippewa_K Mararik (6868 : Chippewa County Well Water Quality, as

Chippewa Predicted Nitrate-N Concentration with 2016 Well Sample Results

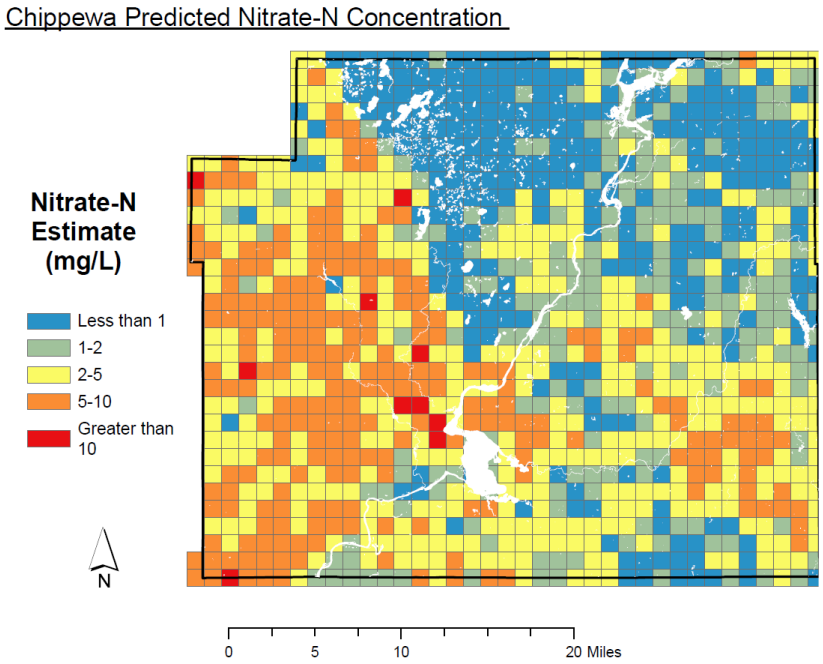


Attachment: Chippewa_K Mararik (6868 : Chippewa County Well Water Quality, as

2022 Chippewa Nitrate Sampling Project

A total of 200 private wells from grids with a predicted nitrate-N concentration greater than 5 mg/L will be selected for sampling

- Well depth will be a consideration to ensure adequate representation from different aquifer units (i.e. sand/gravel, Mt. Simon, etc.).
- 200 wells will be analyzed for nitrate, chloride, pH, conductivity, hardness, alkalinity
- 50 Nitrate Source Analysis (i.e. agricultural & wastewater traces)
- 50 Neonicotinoid analysis
- 25 PFAS Samples



Attachment: Chippewa_K Mararik (6868 : Chippewa County Well Water Quality, as

Chippewa Groundwater Quality Index

2019, 2020, 2021

<u>GOAL</u>: To learn how well water quality changes over time



Is well water quality getting better, worse, or staying the same?

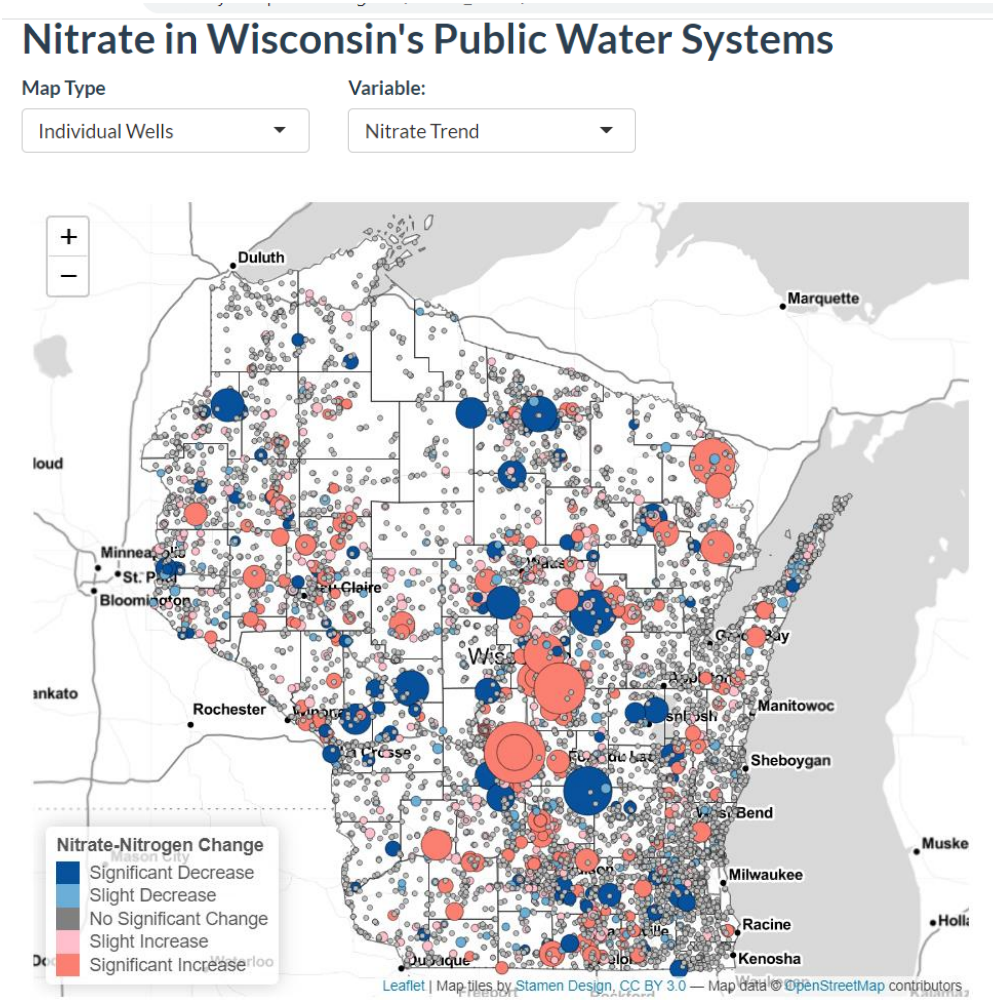
If changing, what can we learn about where and why

This project works best when:

- Wells are representative of diverse geology and land use
- The same wells are sampled every year

Attachment: Chippewa_K Mararik (6868 : Chippewa County Well Water Quality, as

Existing Data on Nitrate Trends



CHIPPEWA County
Mean Nitrate-Nitrogen Level (mg/L):
Number of Wells: 192
Significant Decrease: 3
Slight Decrease: 6
No Significant Change: 159
Slight Increase: 14
Significant Increase: 10
Wells Increasing (%): 12
Wells Decreasing (%): 5
Wells No Trend (%): 83

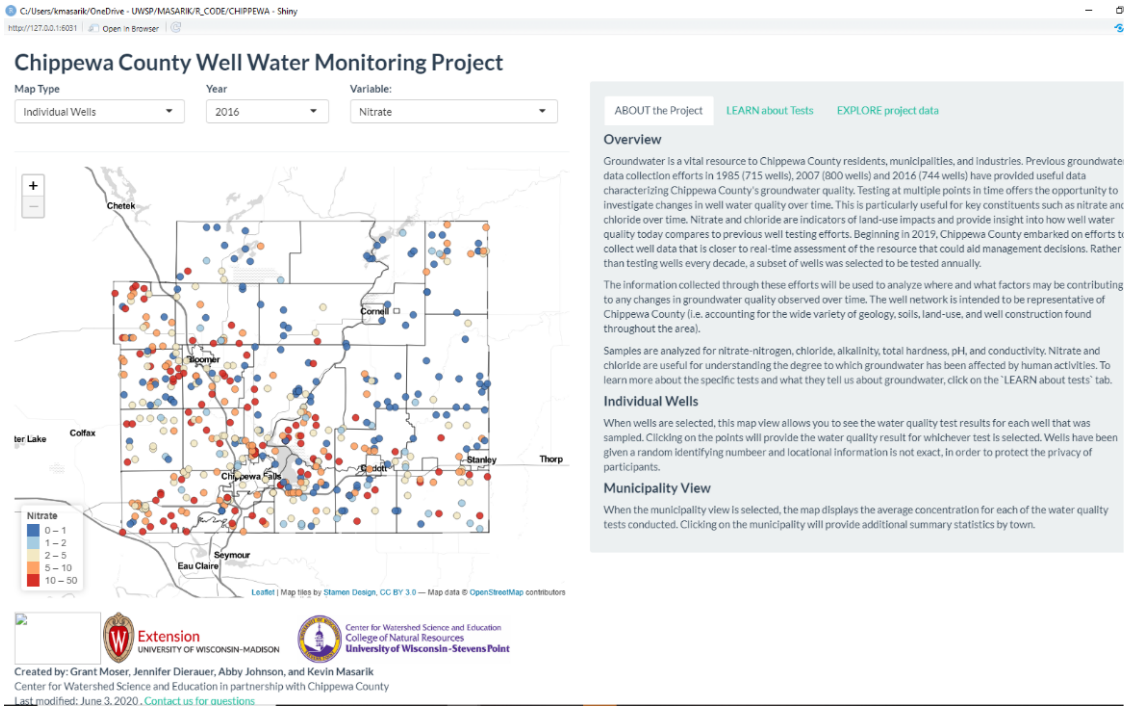
https://shiny.theopenwaterlog.com/nit
/

Attachment: Chippewa_K Mararik (6868 : Chippewa County Well Water Quality, as

Chippewa Well Water Quality Dashboard

Beginning in 2019, annual well testing of up to 210 wells

- Sample from each stratum (Cambrian, Meltwater Stream Sediment, Glacial)
- Wells with known well construction
- 4-5 years is minimum length of record to calculate statistically significant trend



https://shiny.theopenwaterlog.com/wellwaterquality_chippewaCounty/

Attachment: Chippewa_K Mararik (6868 : Chippewa County Well Water Quality, as

Kevin Masarik
kmasarik@uwsp.edu
715-346-4276













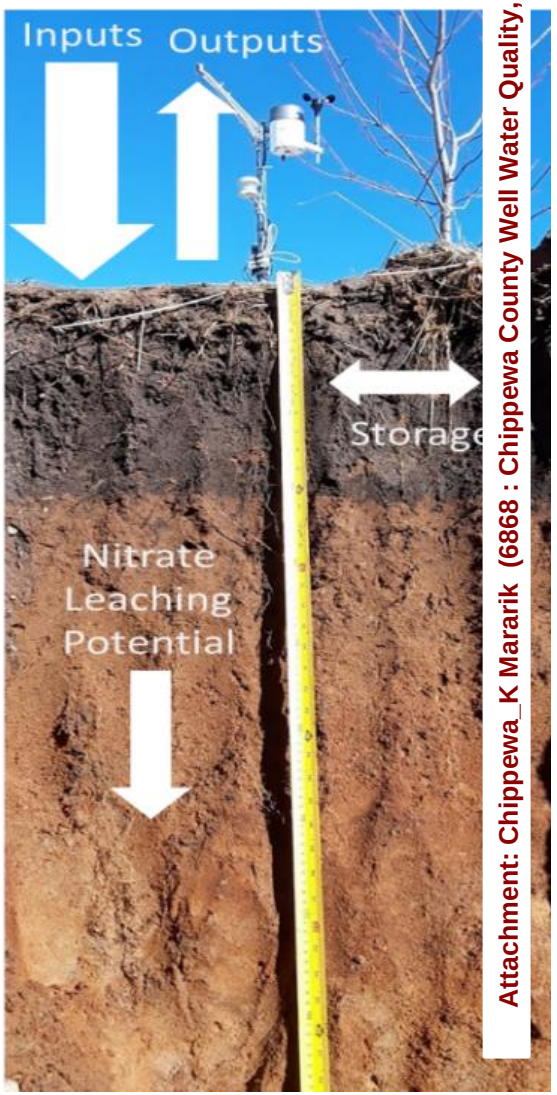
Center for Watershed Science and Education
College of Natural Resources
University of Wisconsin-Stevens Point

Extension
UNIVERSITY OF WISCONSIN-MAD

Attachment: Chippewa_K Mararik (6868 : Chippewa County Well Water Quality, as

Our nitrate opportunities: The top foot

- Fertilizer at the right rate, time, source, place will maximize profitability and minimize excessive losses of nitrogen to groundwater; *additional practices are needed to improve water quality in areas with susceptible soils and geology*
- *You may not need as much nitrogen fertilizer as you think*, conduct your own on-farm rate trials to develop customized fertilizer response curves for your farm
- Utilize conservation incentive programs to take marginal land or underperforming parts of fields out of production
- Diversify cropping systems to include less nitrogen intensive crops in the rotation
- Encourage the use of cover crops, perennial cropping systems, or managed grazing to reduce nitrate losses to groundwater



Attachment: Chippewa_K Mararik (6868 : Chippewa County Well Water Quality, as

Nitrogen budget for potato under various scenarios

N Inputs - N Outputs - N Storage = Leachable N

		Inputs			Outputs		Storage	
Crop	Yield (per acre)	Fertilizer	Irrigation	Precip+ Deposition	Harvest Yield N	Misc. losses	Change in N	Leachable Nitrogen
		----------lbs nitrogen per acre----------						
Potato	424 cwt	220-300	41[a]	8	170	30-37	0	72-144
Potato	300-500 cwt	260	41[a]	8	120-200	33.4	0	158-78
Potato	424 cwt	260	20[b]-61[c]	8	170	33.4	0	88-128
Potato	424 cwt	260	11[d]-68[e]	8	170	33.4	0	79-135

[a]Assumes 10 inches of irrigation water containing 18 mg/L nitrate-nitrogen.
[b]Assumes 5 inches of irrigation water containing 18 mg/L nitrate-nitrogen.
[c]Assumes 15 inches of irrigation water containing 18mg/L nitrate-nitrogen.
[d]Assumes 10 inches of irrigation water containing 5 mg/L nitrate-nitrogen.
[e]Assumes 10 inches of irrigation water containing 30 mg/L nitrate-nitrogen.
For irrigation water containing 18 mg/L nitrate-nitrogen, each inch applied contains 4.1 lbs N/acre.

Attachment: Chippewa_K Mararik (6868 : Chippewa County Well Water Quality, as

Nitrogen budget for common crops

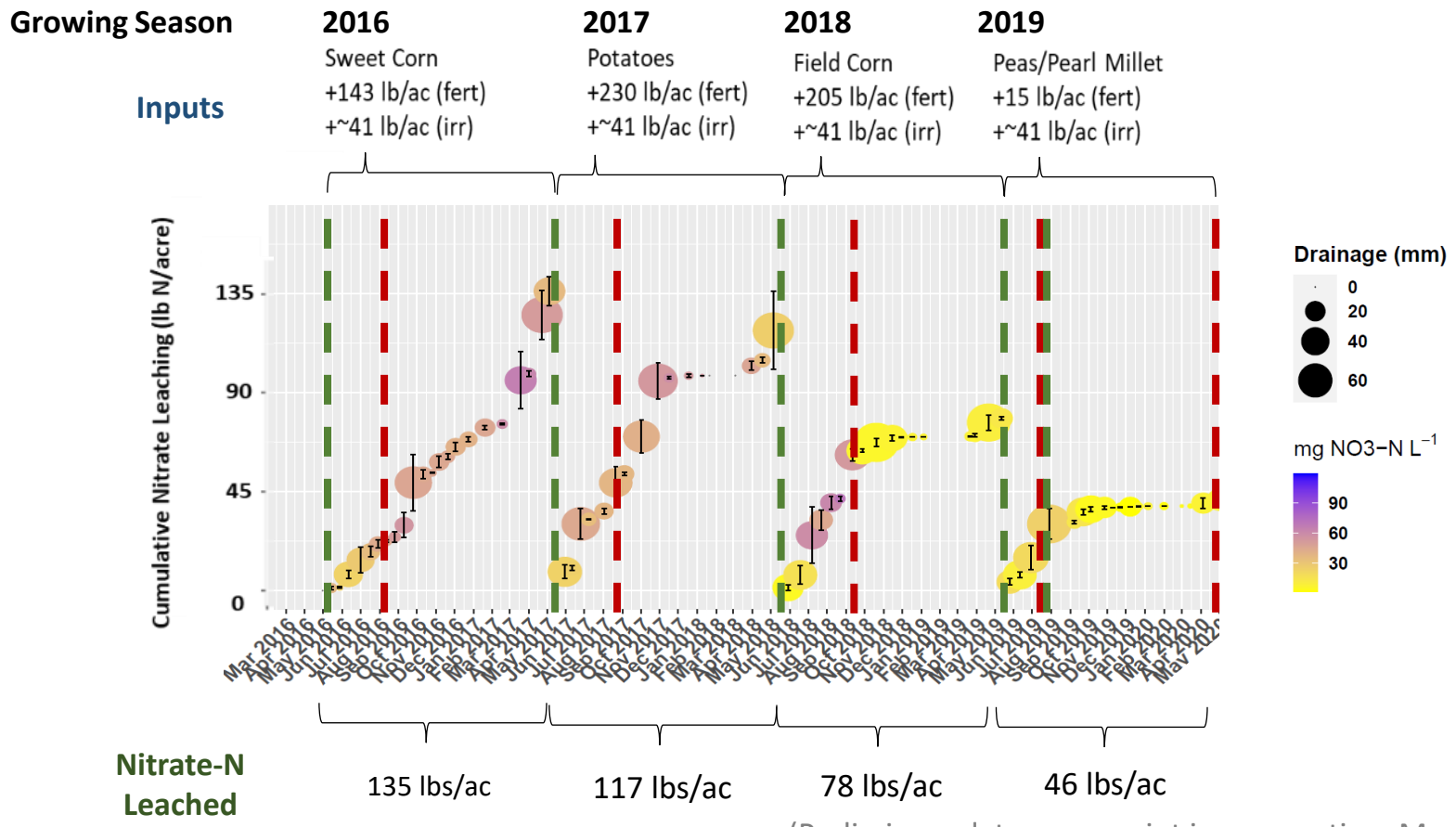
N Inputs - N Outputs - N Storage = Leachable N

		Inputs			Outputs		Storage	
Crop	Yield (per acre)	Fertilizer	Irrigation[1]	Precip+ Deposition	Harvest Yield N	Misc. losses	Change in N	Leachable Nitrogen
		----------lbs nitrogen per acre----------						
Potato	**424 cwt**	**220-300**	41	8	**170**	30-37	0	**72-144**
Sweet Corn	**8.5 ton**	**130-170**	41	8	**73**	22-25	0	**86-123**
Field Corn	**204 bu**	**180-240**	41	8	**149**	26-32	0	**56-110**
Carrots	**27 ton**	**100-140**	41	8	**97**	19-23	0	**35-71**
Snap Beans[2]	**8 ton**	**40-80**	41	8	**62**	14-17	0	**15-51**

[1]Assumes 10 inches of irrigation water containing 18 mg/L nitrate-nitrogen. At this concentration each inch of irrigation water contains 4.1 lbs N/acre.
[2]Non-nodulating

Attachment: Chippewa_K Mararik (6868 : Chippewa County Well Water Quality, as

Measuring nitrate leaching below an irrigated field in the Central Sands



(Preliminary data manuscript in preparation, Masarik & Kuc ik)

Attachment: Chippewa_K Mararik (6868 : Chippewa County Well Water Quality, as

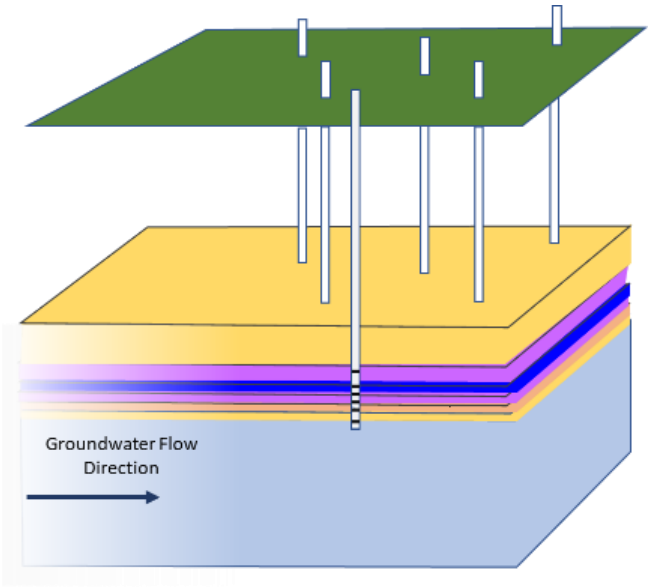
Estimating groundwater nitrate-nitrogen concentration

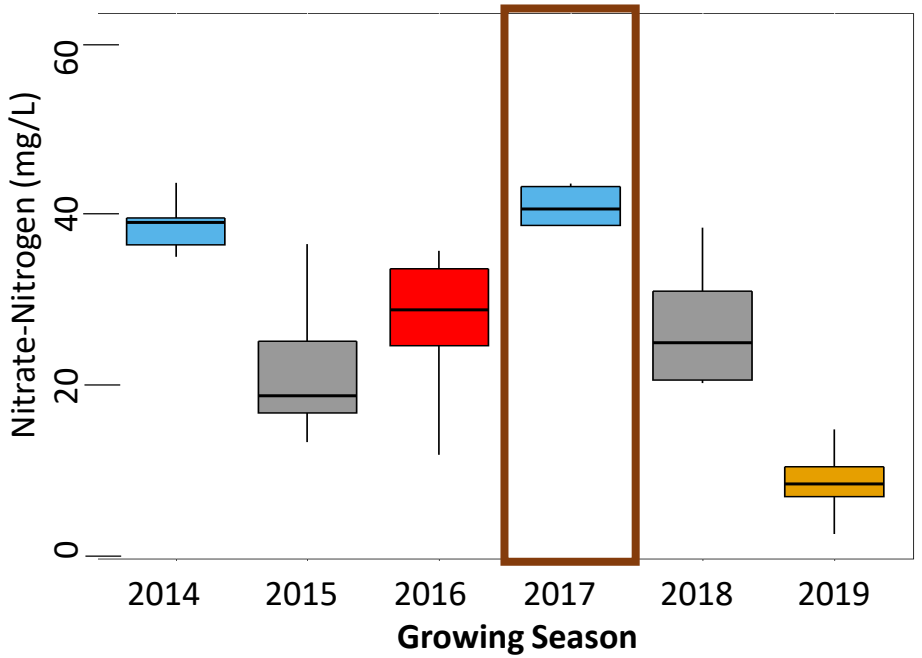
Water in inches	Nitrate-Nitrogen Concentration (mg/L)									
	1	2	3	4	5	10	15	20	30	40
	lbs of Nitrogen per acre									
1	0.2	0.5	0.7	0.9	1.1	2.3	3.4	4.5	6.8	9.0
2	0.5	0.9	1.4	1.8	2.3	4.5	6.8	9.0	13.6	18.1
3	0.7	1.4	2.0	2.7	3.4	6.8	10.2	13.6	20.4	27.1
4	0.9	1.8	2.7	3.6	4.5	9.0	13.6	18.1	27.1	36.2
5	1.1	2.3	3.4	4.5	5.7	11.3	17.0	22.6	33.9	45.2
6	1.4	2.7	4.1	5.4	6.8	13.6	20.4	27.1	40.7	54.3
7	1.6	3.2	4.7	6.3	7.9	15.8	23.7	31.7	47.5	63.3
8	1.8	3.6	5.4	7.2	9.0	18.1	27.1	36.2	54.3	72.4
9	2.0	4.1	6.1	8.1	10.2	20.4	30.5	40.7	61.1	81.4
10	2.3	4.5	6.8	9.0	11.3	22.6	33.9	45.2	67.8	90.5
11	2.5	5.0	7.5	10.0	12.4	24.9	37.3	49.8	74.6	99.5
12	2.7	5.4	8.1	10.9	13.6	27.1	40.7	54.3	81.4	108.5
13	2.9	5.9	8.8	11.8	14.7	29.4	44.1	58.8	88.2	117.6
14	3.2	6.3	9.5	12.7	15.8	31.7	47.5	63.3	95.0	126.6
15	3.4	6.8	10.2	13.6	17.0	33.9	50.9	67.8	101.8	135.7

Groundwater recharge measured by lysimeters

Attachment: Chippewa_K Mararik (6868 : Chippewa County Well Water Quality, as

Measuring groundwater quality below an irrigated field in the Central Sands

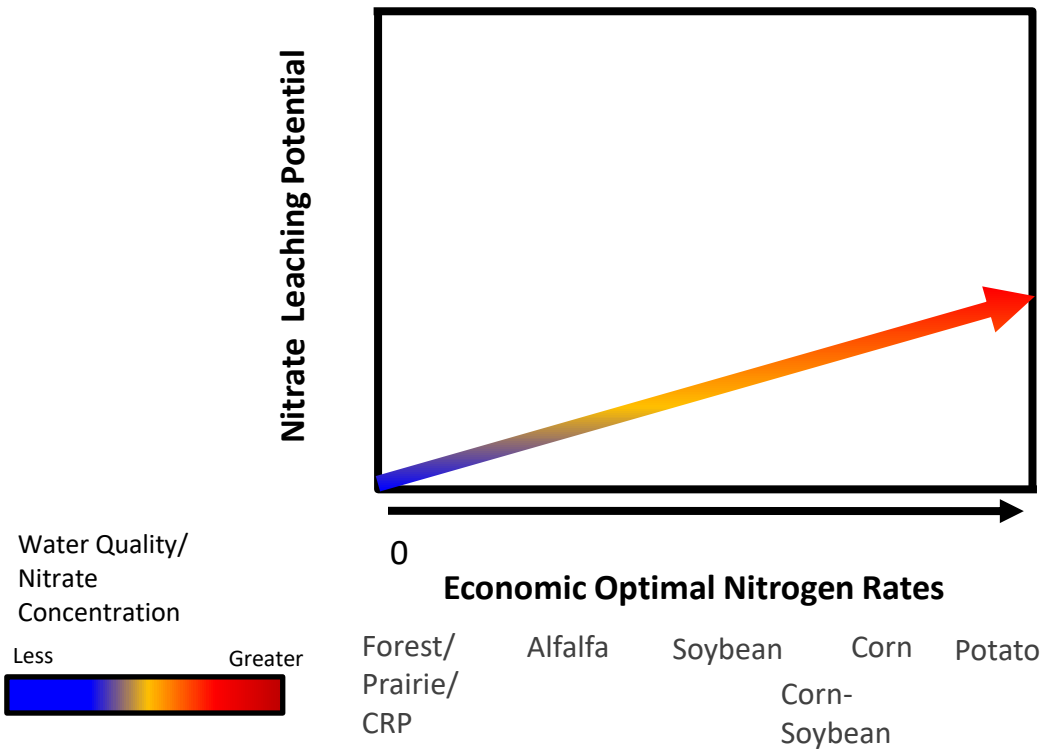




(Preliminary data manuscript in preparation, Masarik & Kuc ik)

Attachment: Chippewa_K Mararik (6868 : Chippewa County Well Water Quality, as LET

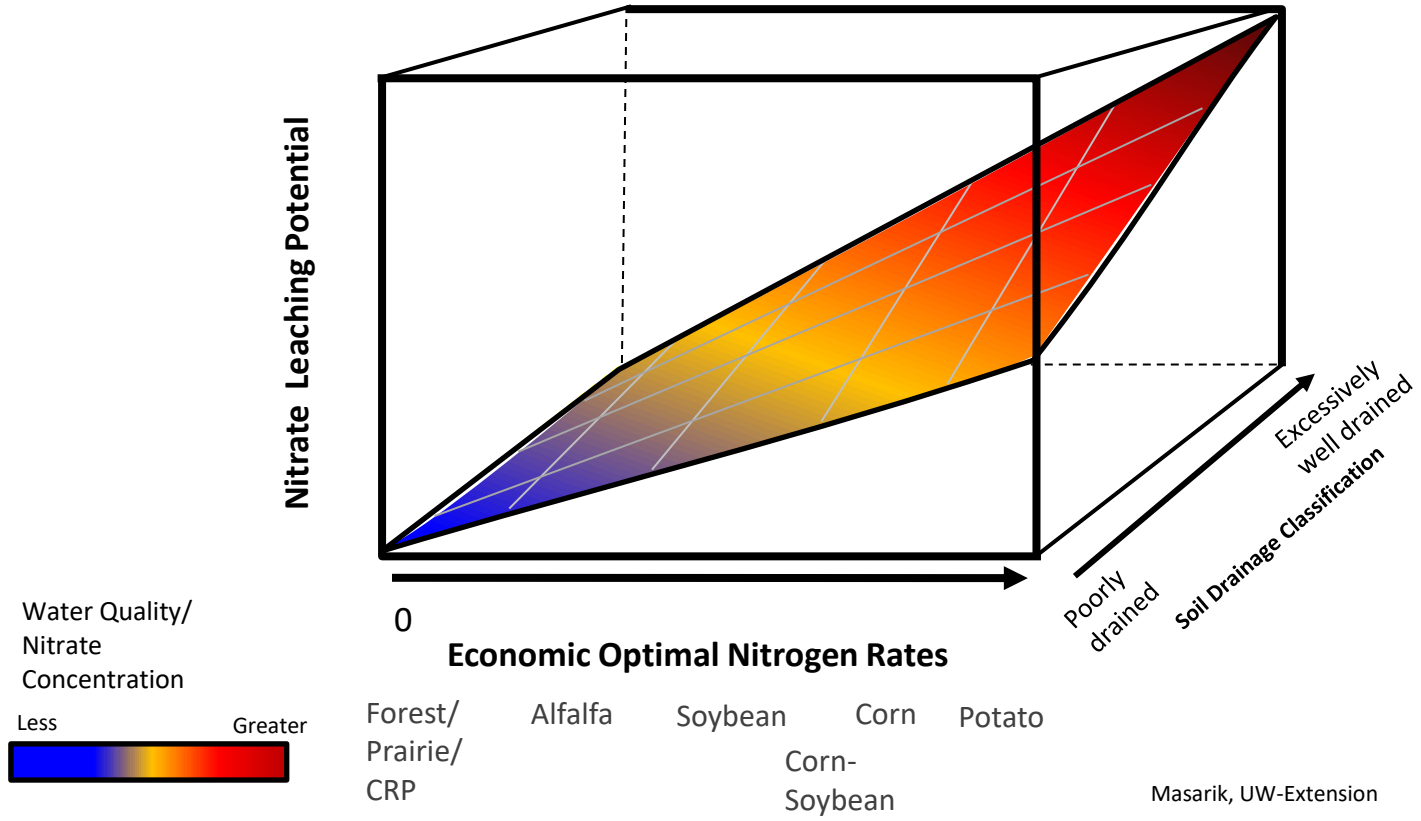
Nitrate Leaching Potential



Masarik, UW-Extension

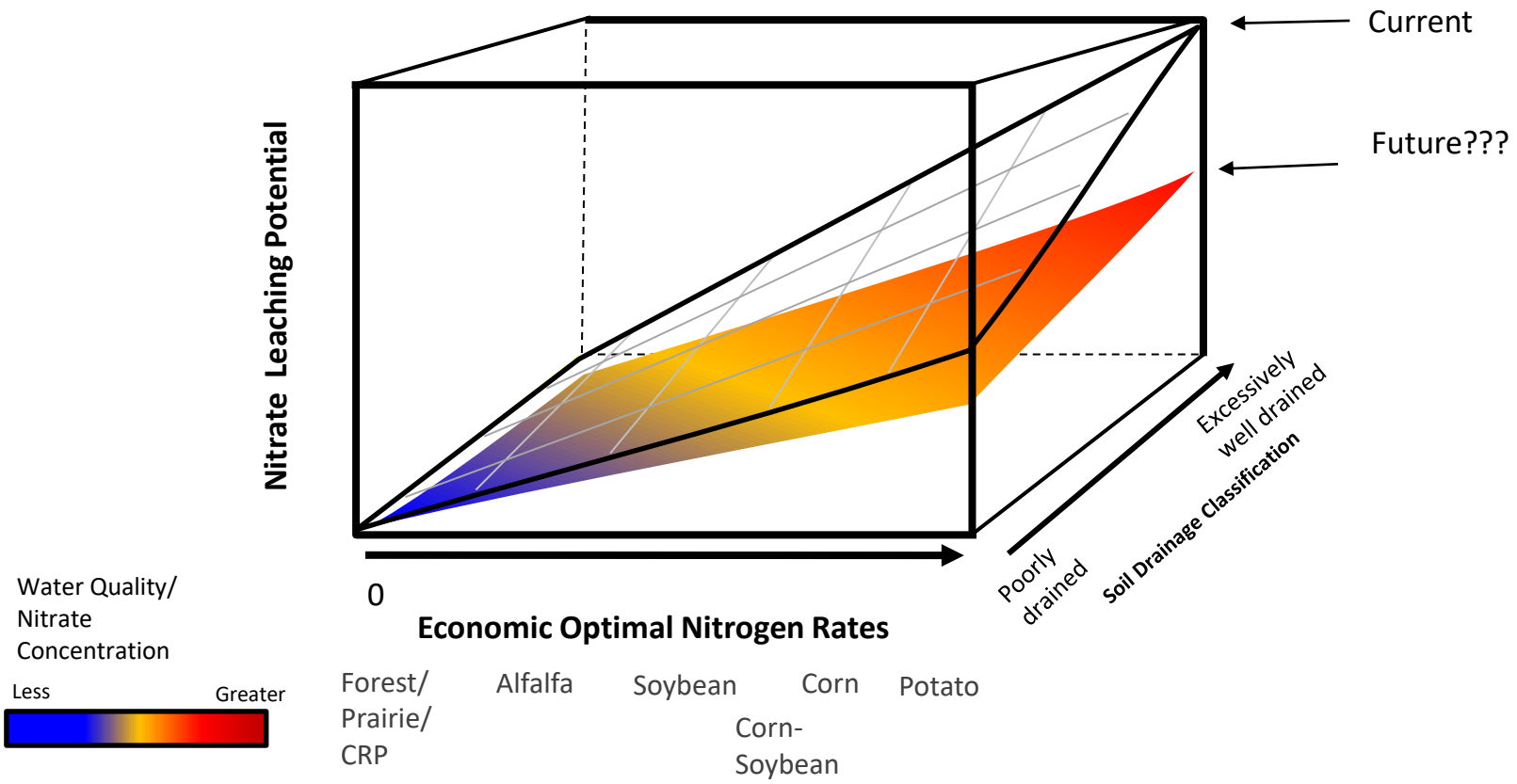
Attachment: Chippewa_K Mararik (6868 : Chippewa County Well Water Quality, as

Nitrate Leaching Potential



Attachment: Chippewa_K Mararik (6868 : Chippewa County Well Water Quality, as

Nitrate Leaching Potential



Masarik, UW-Exten

Attachment: Chippewa_K Mararik (6868 : Chippewa County Well Water Quality, as

Long-term nitrogen reduction strategies for agricultural areas

	Practice	Details	% Nitrate-N Reduction (StDev)	Reduction potential	Uncertainty
Good	Timing	Fall to Spring Pre-plant	6 (25)	Low	High
		Spring pre-plant/sidedress 40-60 split compared to fall applied	5 (28)	Low	High
		Sidedress – Soil test based compared to pre-plant	7 (37)	Low	High
	Nitrification Inhibitor	Nitrapyrin – Fall – Compared to applied w/out nitrapyrin	9 (19)	Low	Medium
Better	Cover Crops	Rye	31 (29)	Medium	Medium
		Oat	28 (2)	Medium	Medium
	Perennial	Biofuel Crops (ex. switchgrass, miscanthus)	72 (23)	High	Medium
		Conservation Reserve Program	85 (9)	High	Low
Best	Extended Rotations	At least 2 years of alfalfa or other perennial crops in a 4 or 5 year rotation	42 (12)	Med-High	Low

Iowa Nutrient Reduction Strategy, 2014

Attachment: Chippewa_K Mararik (6868 : Chippewa County Well Water Quality, as

STATEMENT OF EXPLANATION
OVERVIEW OF PROPOSED SPRING, 2022 TIMBER SALES

The Chippewa County Forest is managed to optimize forest health and productivity by applying standard silvicultural treatments to designated timber stands. These treatments are implemented through timber sale contracts with logging contractors.

Timber stands scheduled for harvest are evaluated and sales are established where appropriate. Each year, the County plans and administers two (2) bid openings each consisting of 6-10 timber sales. The bid openings typically occur in May and November.

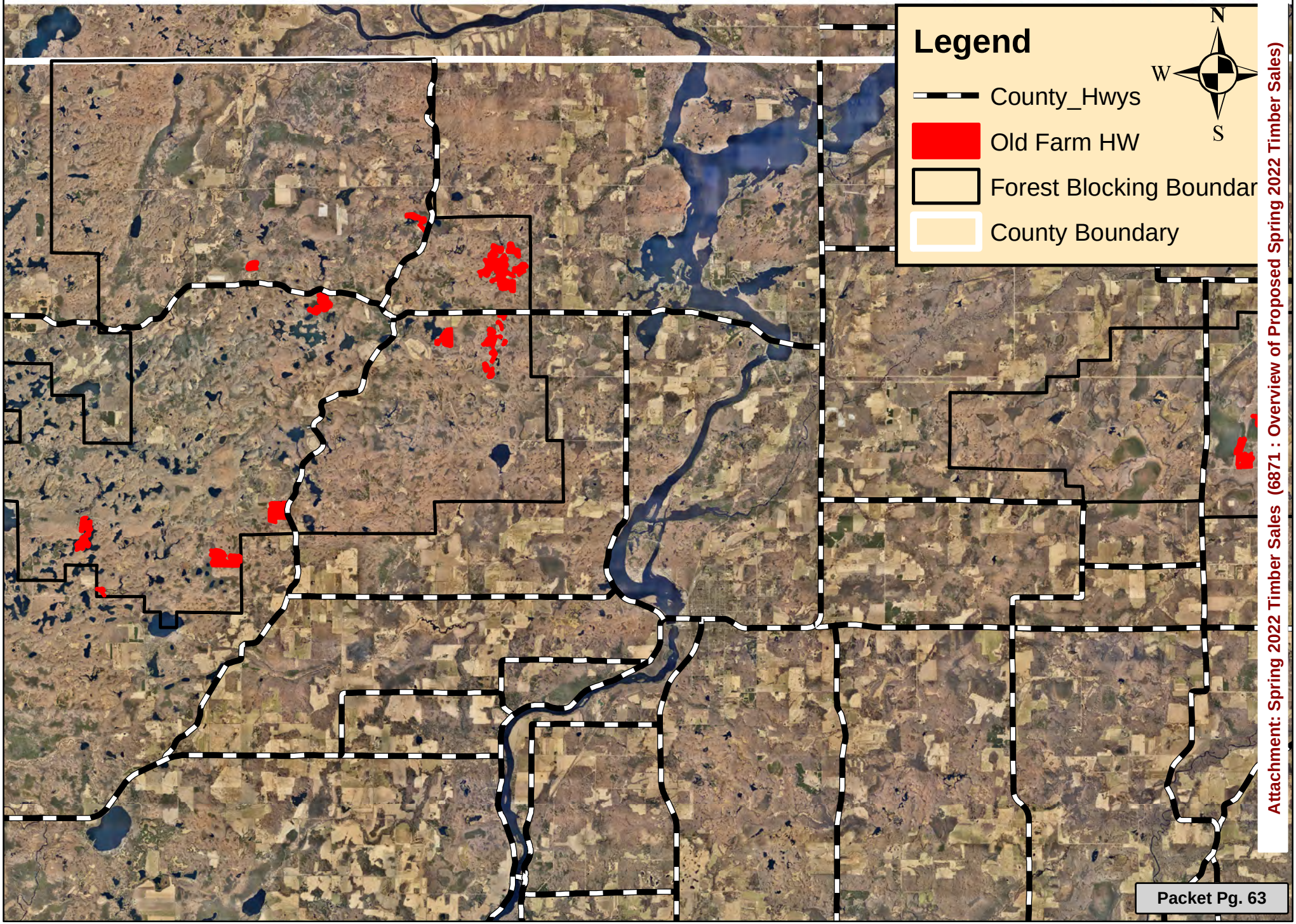
Following this process LCFM has prepared 10 new County Forest Timber Sales totaling approximately 360 acres and will readvertised one sale of approximately 13 acres at reduced stumpage rates as it did not receive any bids in fall 2021. The timber sales will be publicly advertised with a public bid opening held in Room 016 of the Courthouse on May 16, 2022. Bids received will be presented to Committee for approval at the May 18, 2022 meeting.

Comprehensive Listing of Contracted Timber Sales Pre-Spring 2022

Producer	Sale	Description	Value	Calendar Year 2022												Calendar Year 2023											
				Jan	Feb.	March	April	May	June	July		August		Sept	Oct	Nov	Dec	Jan	Feb.	March	April	May	June	July		August		Sept	Oct	Nov	Dec
Burmeister	1324-21	Tealey Aspen	$24,066.00																			Expires 1st 0% 6 mo							
Active				Frozen Ground													Frozen Ground Required												
Hetke	1337-21	Hwy M Snowmobile T	$4,000.00																										Expir
				Frozen Ground													Frozen Ground Required												
Hetke	1338-21	Ash Hill	$3,100.00																										Expir
				Frozen Ground													Frozen Ground Required												
Hakes	1289-19	Moon & Norway Ash	$14,775.00							2nd, 12 month @20%																			
80% done																													
Hakes	1290-19	Moon & Hwy M Ash	$15,715.00							2nd, 12 month @20%																			
90% done																													
Hakes	1305-20	O'Neil Ash	$4,600.00																			Expires 1st 0% 6 mo							
				Frozen Ground													Frozen Ground Required												
Hakes	1322-21	Moses II	$13,170.00																			Expires 1st 0% 6 mo							
				Frozen Ground													Frozen Ground Required												
Hakes	1333-21	We All Fall Down Ash	$4,581.00																			Expires 1st 0% 6 mo							
				Frozen Ground													Frozen Ground Required												
Hakes	1341-21	Right Flank	$55,140.00																										
				Frozen Ground													Frozen Ground Required												Froze
Flannel Fleet	1339-21	Sand Lake Oak	$25,325.00				Oak Wilt Restrictions														Oak Wilt Restrictions								
Flannel Fleet	1340-21	Fishpole Drainage	$31,809.00																										
				Harvest activity only permitted from August 10 to December 1 Unless no op														Harvest activity only permitted from August 10 to December 1 Unless no op												
Flannel Fleet	1343-21	Gilberts 56	$68,483.00				Oak Wilt Restrictions														Oak Wilt Restrictions								
Flannel Fleet	1347-21	Knickerbocker Overst	$123,399.00				Oak Wilt Restrictions														Oak Wilt Restrictions								
Franzen Forest	1302-20	Birch Creek Hardwoo	$13,056.00				Oak Wilt Restrictions											Expires 1st 0% 6 mo												
Franzen Forest	1303-20	Meadows Lake	$5,220.00				Oak Wilt Restrictions											Expires 1st 0% 6 mo												
Franzen Forest	1304-20	High Banks Hardwoo	$8,491.00				Oak Wilt Restrictions															Expires 1st 0% 6 mo							
																					Oak Wilt Restrictions								
Franzen Forest	1313-20	Mud Creek Mash-Up	$8,996.00																			Expires 1st 0% 6 mo							
																	Frozen Ground Required												
Franzen Forest	1314-20	Aesthetic M	$6,750.00				Oak wilt restrictions											Expires 1st 0% 6 mo												
Kafka	1323-21	Mallard Hardwood	$19,400.00																		Expires 1st 0% 6 mo								
				Frozen Ground													Frozen Ground Required												
Kafka	1328-21	O'Neil HW	$36,360.00				Oak Wilt Restrictions														Oak Wilt Restrict	Expires 1st 0% 6 mo							
Kafka	1331-21	Maxfield Clearcut	$36,950.00																			Expires 1st 0% 6 mo							
				Frozen Ground													Frozen Ground Required												
Kafka	1327-21	New ATV Hardwood	$21,135.00				Oak Wilt Restrictions														Oak Wilt Restrictions								Expir
Kron Forest Pr	1309-20	O'Neil Pine	$4,368.00							Expires 2nd 10% 12 mo																			
Lakeland Fores	1298-20	Ruby Red Maple	$21,293.50																		Expires 1st 0% 6 mo								
				Frozen Ground													Frozen Ground Required												
Northwest	1342-21	Big Ash Sale	$79,518.00				Oak Wilt Restrictions														Oak Wilt Restrictions								
Northwest	1346-21	Kenyon Release	$206,510.00				Oak wilt restrictions														Oak wilt restrictions								
Active																													
Strzok	1284-19	East Firth Lake HW	$63,325.50							Expires 2nd 20% 12 mo																			
Strzok	1285-19	Hickory Ridge	$32,440.00							Expires 2nd 20% 12 mo																			
Strzok	1291-19	Tram Lake Oak	$133,425.00				Oak wilt restricti			Expires 1st 0% 6 mo																			
Strzok	1301-20	Sunfish Lake	$75,577.50				Oak wilt restrictions											Expires 1st 0% 6 mo												
Strzok	1306-20	Blue Rock Oak	$18,105.00				Oak wilt restrictions											Expires 1st 0% 6 mo												
Strzok	1307-20	Fire Stump Aspen	$107,842.00															Expires 1st 0% 6 mo												
Strzok	1308-20	Vista Aspen	$36,348.80															Expires 1st 0% 6 mo												
Strzok	1310-20	Wolf Aspen	$43,478.60															Expires 1st 0% 6 mo												
Strzok	1315-20	High & Low Aspen	$45,429.00																			Expires 1st 0% 6mo							
				Frozen Ground													en Ground Requ												
Strzok	1316-21	Spring Creek Oak	$155,585.00				Oak Wilt Restrictions														ak Wilt Restrictio	Expires 1st 0% 6mo							
Strzok	1317-21	Scrape Line HW	$47,610.00				Oak Wilt Restrictions														ak Wilt Restrictio	Expires 1st 0% 6mo							
Strzok	1318-21	Frosty Aspen	$36,560.00																			Expires 1st 0% 6mo							
Strzok	1325-21	Ruby 330th HW	$19,165.00				Oak Wilt Restrictions														ak Wilt Restrictio	Expires 1st 0% 6mo							
Strzok	1326-21	Ruby HW Resale	$91,175.00																			Expires 1st 0% 6mo							
				Frozen Ground													en Ground Requ												
Strzok	1329-21	North Bradley Lake C	$84,475.00				Oak wilt restrictions														ak Wilt Restrictio	Expires 1st 0% 6mo							
Strzok	1332-21	Ol Misty Aspen	$103,520.00																			Expires 1st 0% 6mo							
Strzok	1334-21	Bert & Ernie Aspen	$53,055.00																			Expires 1st 0% 6mo							
Strzok	1344-21	Too Steep Oak	$82,250.00				Oak wilt restrictions														Oak wilt restrictions								
Strzok	1345-21	Compaction Aspen	$39,750.00																										
Strzok	1348-21	Long Hike	$32,750.00				Oak wilt restrictions														Oak wilt restrictions								

Total Estimated Value of All Sales $2,126,910.90

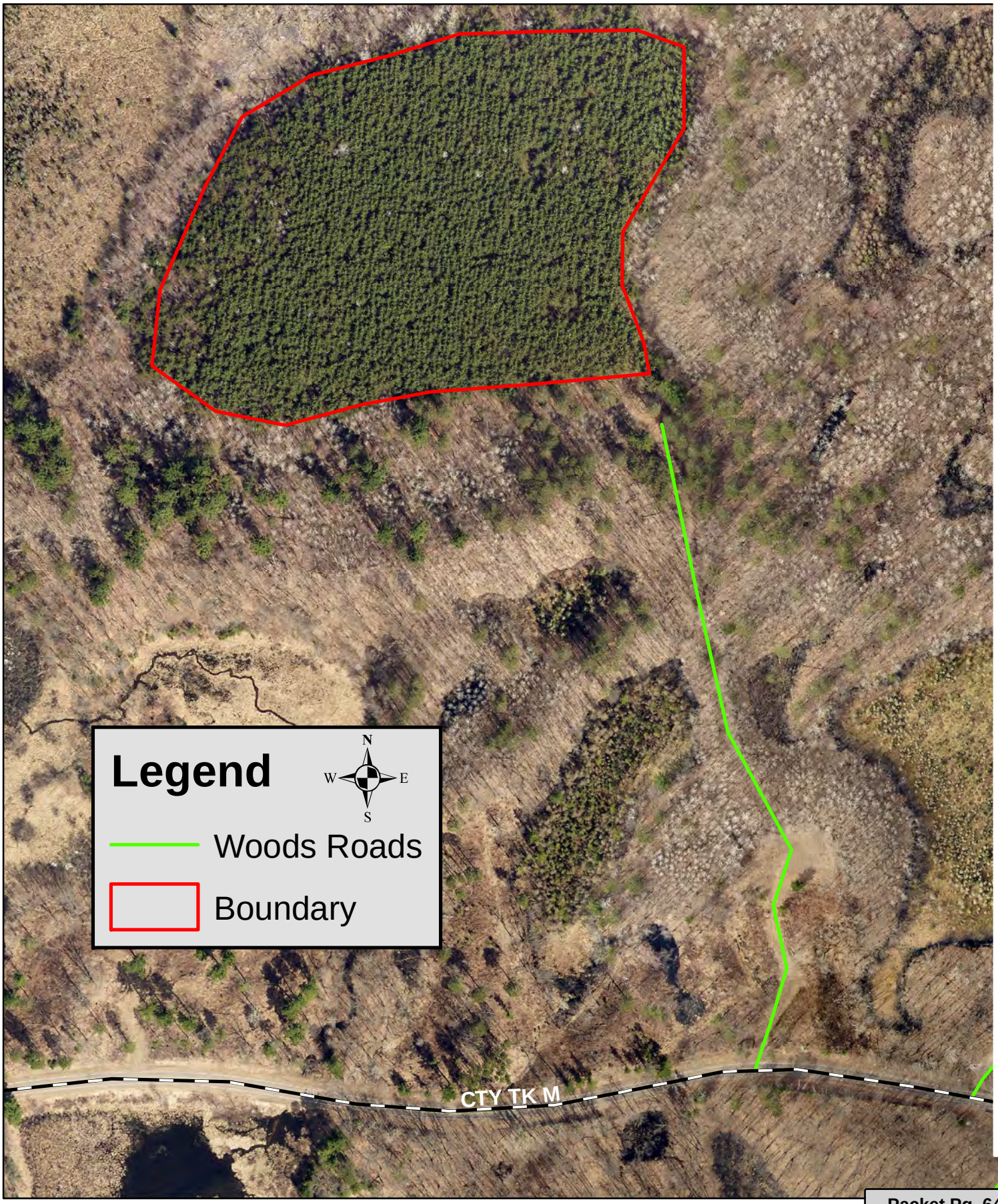
Chippewa County Timber Sale Locations Spring 2022



Attachment: Spring 2022 Timber Sales (6871 : Overview of Proposed Spring 2022 Timber Sales)

220 Pine

Approximately 10 acres of red pine first thinning

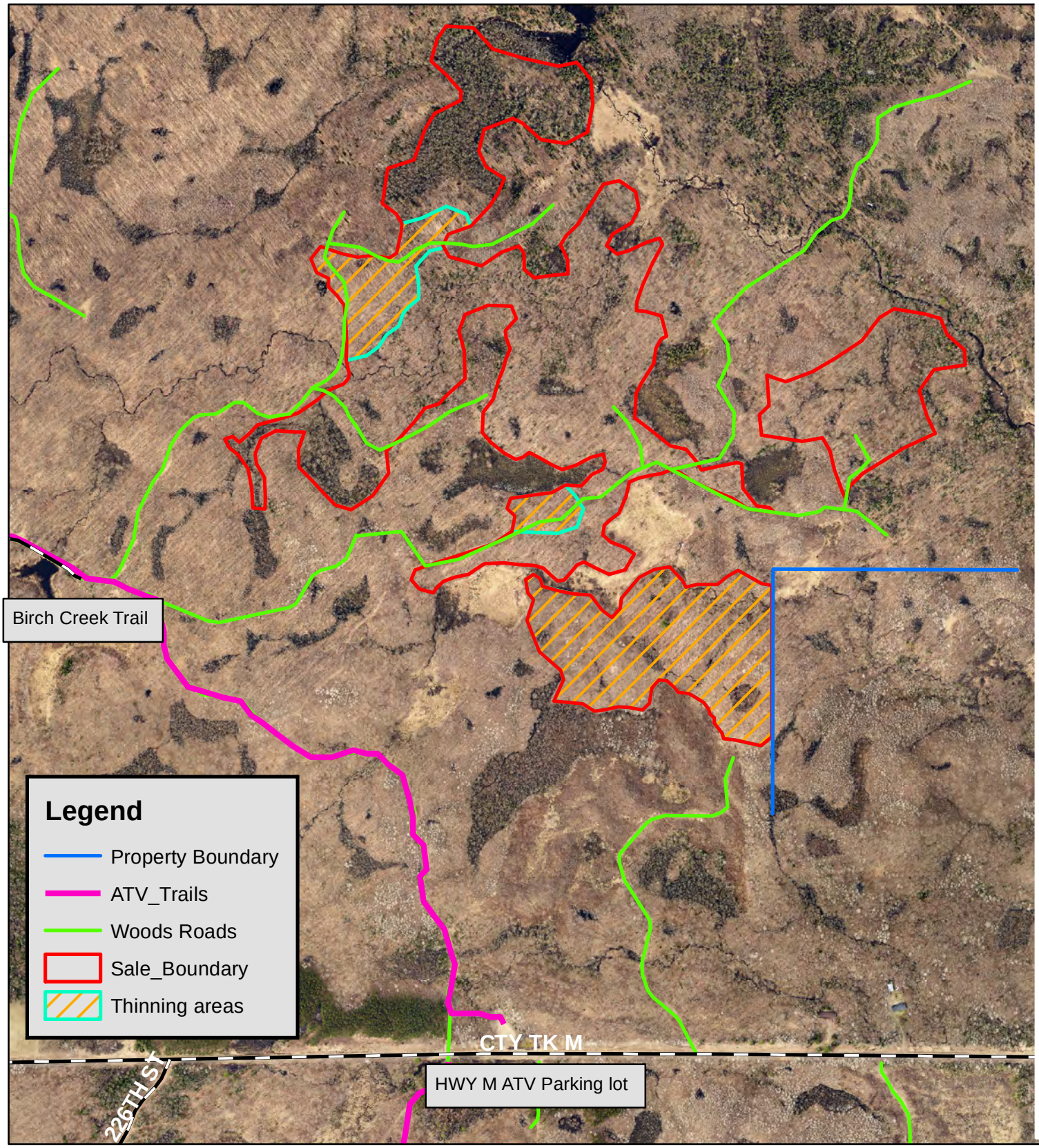


Map Not To Scale

Attachment: Spring 2022 Timber Sales (6871 : Overview of Proposed Spring 2022 Timber Sales)

Birch Creek Winter Sale

Approximately 72 acres Clearcut and 28 acres Single Tree Selection.

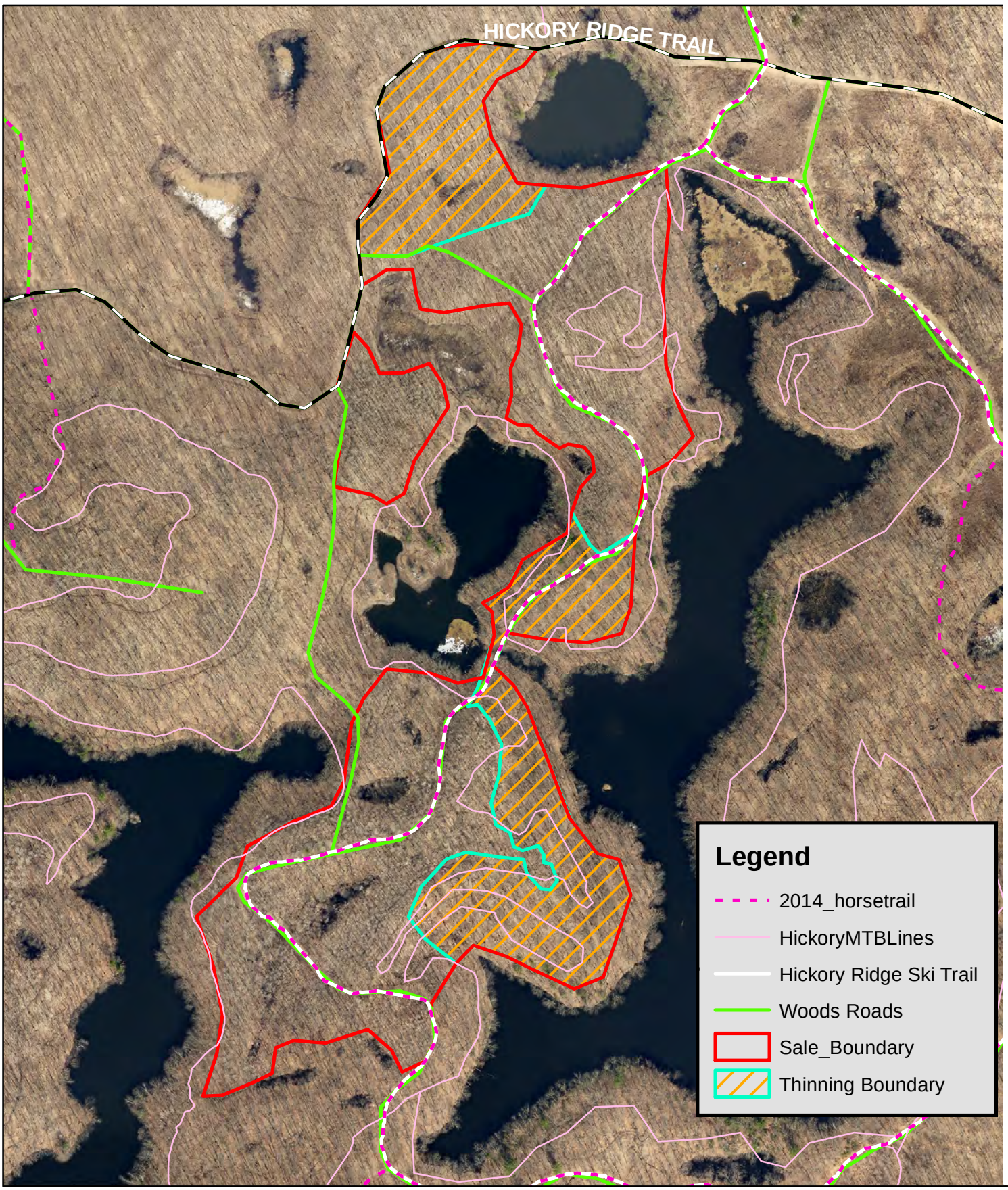


Attachment: Spring 2022 Timber Sales (6871 : Overview of Proposed Spring 2022 Timber Sales)

Map Not to Scale

Tract 1-22 Burnt Wagon Sale

Approximately 32 acres

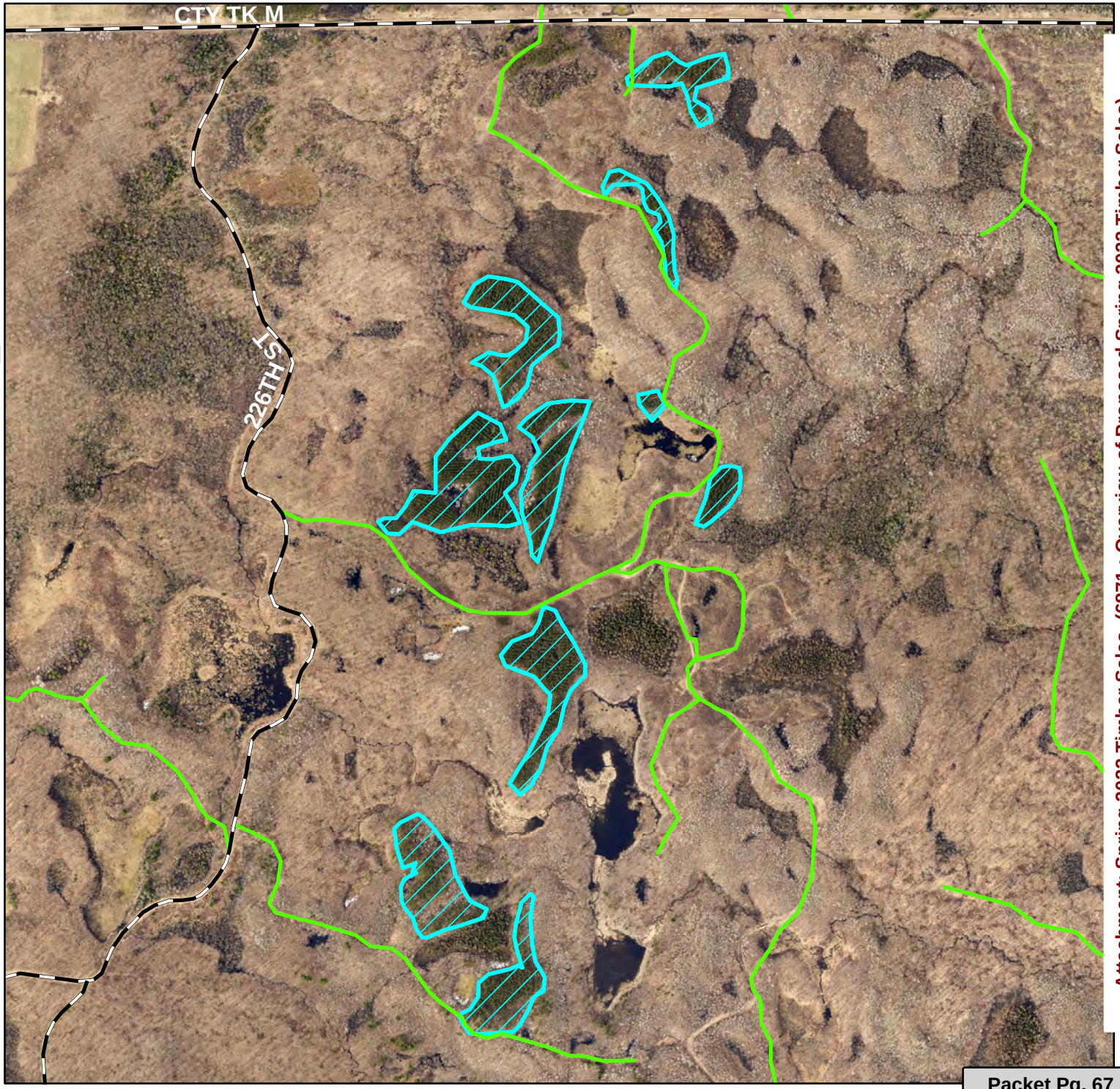


Map Not To Scale

Attachment: Spring 2022 Timber Sales (6871 : Overview of Proposed Spring 2022 Timber Sales)

Deer Cam Pine

Approximately 30 acres
Red Pine Second Thinning



Wagon Trail Oak

Oak shelterwood first harvest

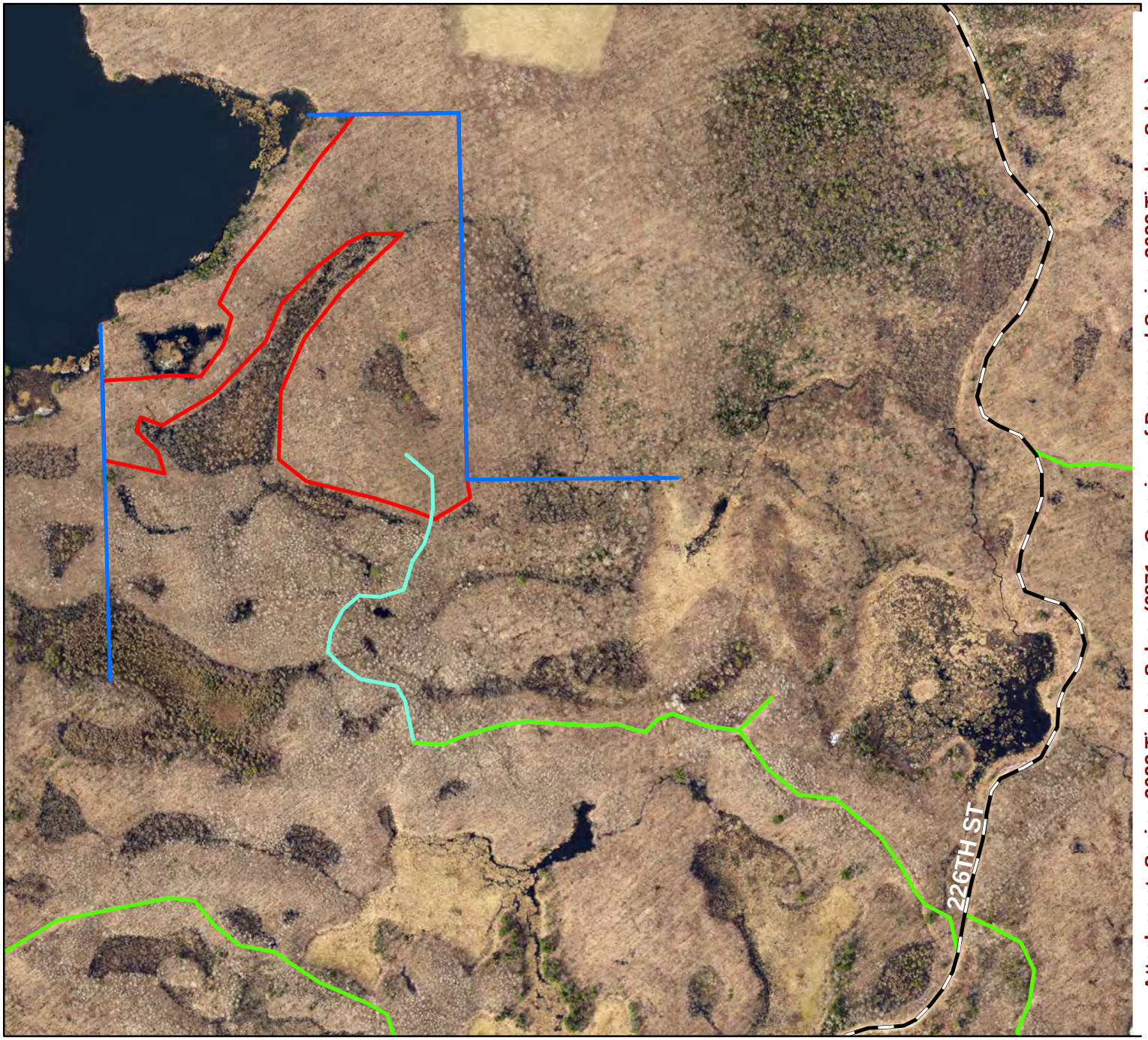
22 acres



Legend

- Property Boundary
- Roads
- New Road location
- Sale Boundary
- Woods Roads

Map Not to Scale



Attachment: Spring 2022 Timber Sales (6871 : Overview of Proposed Spring 2022 Timber Sales)

CHIPPEWA COUNTY TIMBER SALE TRACT 7-22

Wagon Trail Oak Shelter Wood Harvest Total Sale Area**:** (approximately 22 acres)

Located in T32N R7W Section 27, Town of Birch Creek

The table below contains an estimate of the amount of each species/product. There is no minimum bid for each species; however **the total minimum bid that is acceptable for Tract 7-22 is $ 34,900.00**.

Species	Amount	
	tons	MBF
Oak cordwood	560	
*MX HW cordwood	560	
Aspen Cordwood	40	
Red Oak Logs		80
MX HW logs		30

*MX HW is 65% Maple

Sale Area Description:

The boundaries of this sale are marked with red and blue paint lines. This sale is 22 acres of oak shelter wood first harvest. This harvest system implemented to regenerate an oak stand. Scarification by logging equipment will be encouraged in shelter wood area. A new section of road will need to be built improving an old skid trail to access this sale. Timber mats will be required to cross a small drainage to access the back section of this sale. Mats will be provided at no cost on a first come first served basis.

Cutting Requirements:

Shelter wood area: (22 acres) Cut all trees 1" or greater. Do not cut reserve trees marked in Green, sale boundary trees (red or blue paint) or trees that are marked with yellow paint to identify riparian management zones.

Special Conditions:

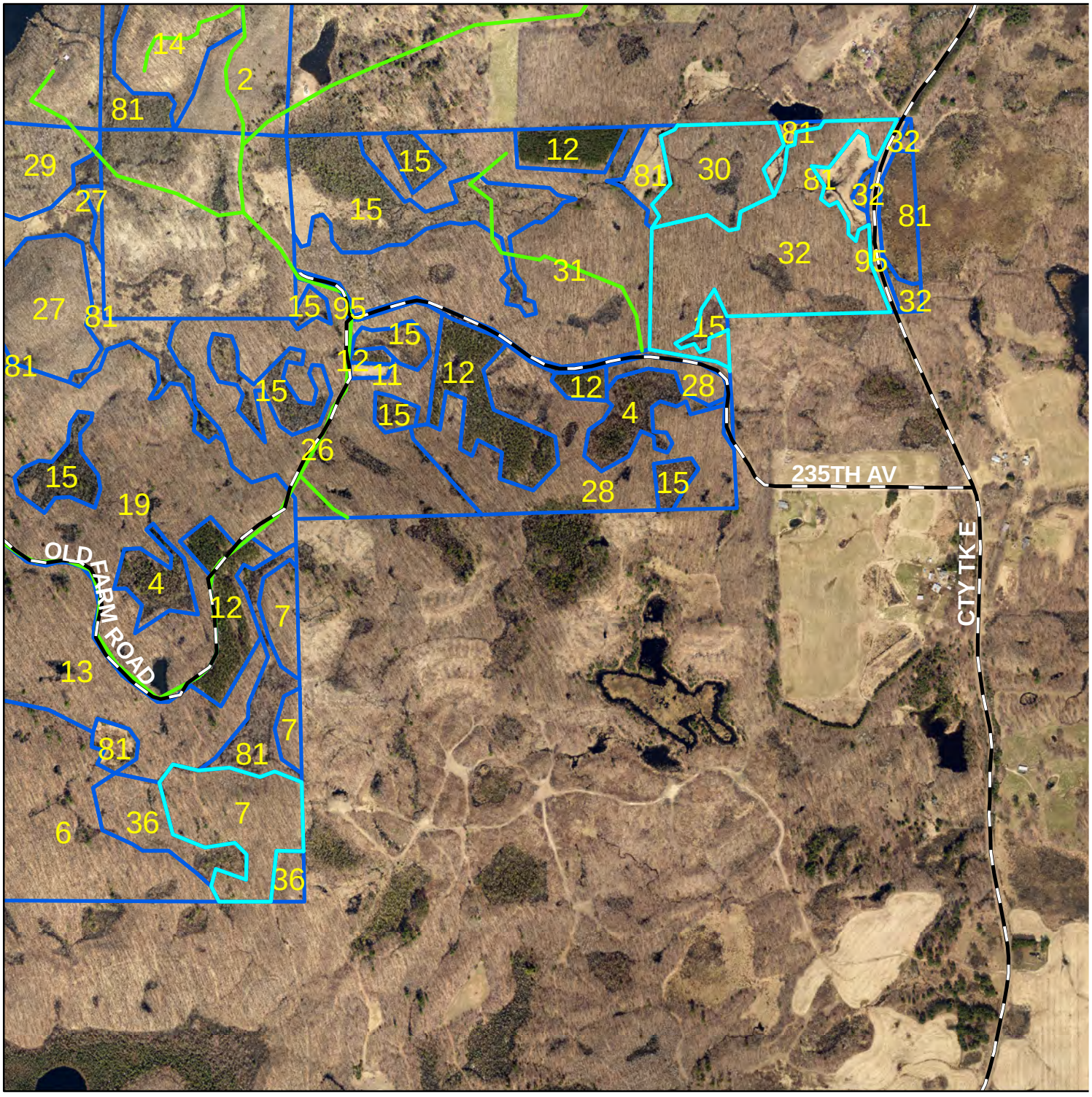
- No harvesting activity will be allowed if rutting occurs.
- Oak Wilt Restrictions apply: No harvesting is allowed between April 1 and July 15.
- Timber mats will be required County timber mats are available for use, at no charge, on a first come first served basis.
- No equipment operation is allowed within wetland areas delineated by yellow paint.
- All logging debris must remain within the sale boundaries and kept from wetlands, lakes and trails.
- All landing locations must be approved. All merchantable timber that is removed along landings or skid trails must be utilized and accounted for through mill slips or log scales.
- *Leave all snags (dead trees) unless they present a safety hazard. Use caution to limit the disturbance of Course Woody Debris (CWD) on the forest floor.* (ie) down logs greater than 12 inches in diameter.
- All cordwood shall be utilized to a 4" top diameter.
- All hardwood logs, (except aspen) 10" or larger on the small end will be charged at the appropriate saw log stumpage rate.
- The contract length is two years.

Map is Located on Back

Attachment: Spring 2022 Timber Sales (6871 : Overview of Proposed Spring 2022 Timber Sales)

Double Porcupine Sale

Approximately 57 acres Oak shelterwood first harvest



Attachment: Spring 2022 Timber Sales (6871 : Overview of Proposed Spring 2022 Timber Sales)

Direct Sale Hickory Trailhead 3+/- acres Aspen Clearcut to prepare the site for Trailhead Expansion



Attachment: Spring 2022 Timber Sales (6871 : Overview of Proposed Spring 2022 Timber Sales)

Old Farm HW

Approximately 37 acres Northern HW single tree selection

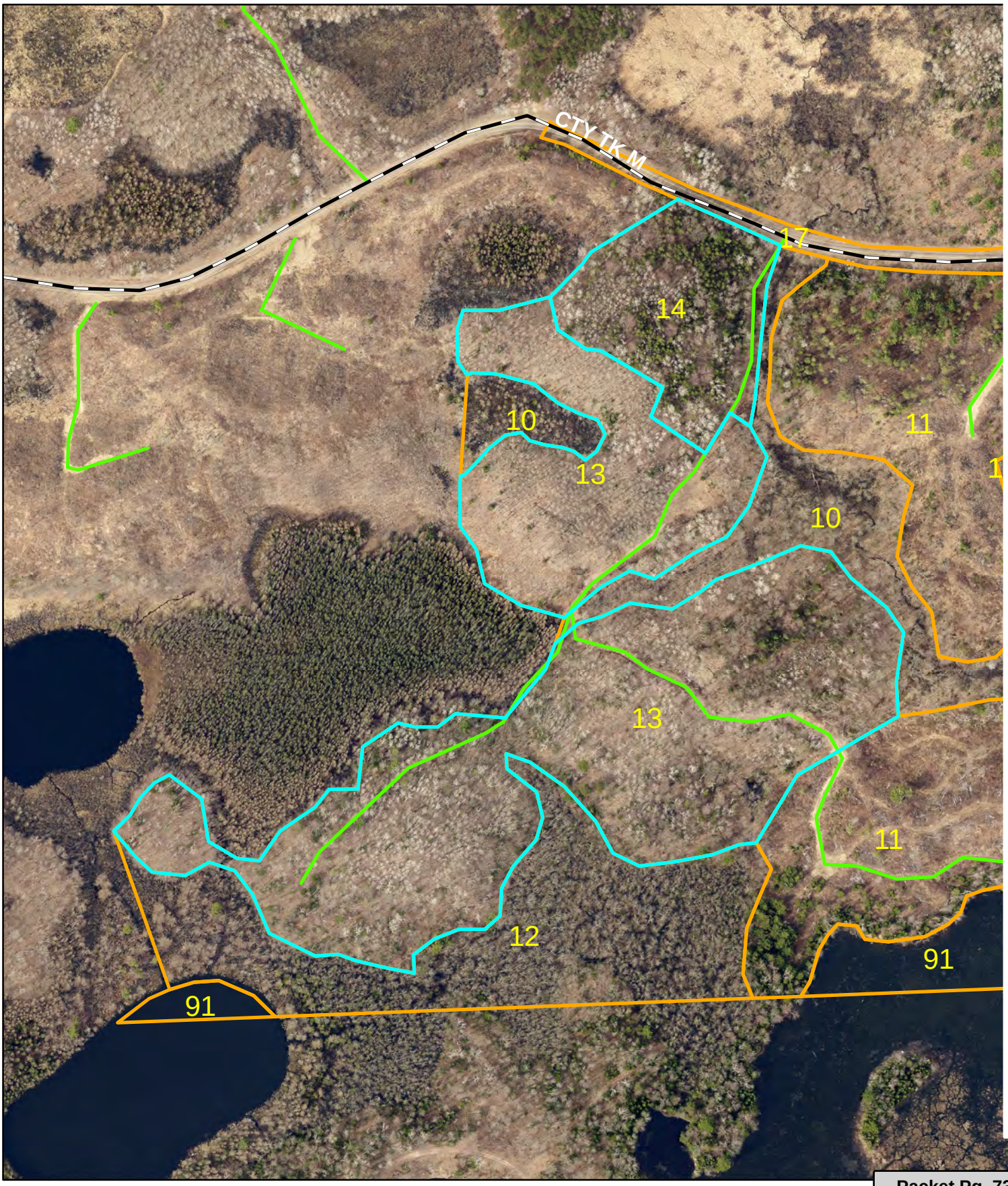


Attachment: Spring 2022 Timber Sales (6871 : Overview of Proposed Spring 2022 Timber Sales)

Old Stove Aspen

Approximately 30 acres Aspen Coppice

Adequate visual buffer maintained along Hwy M

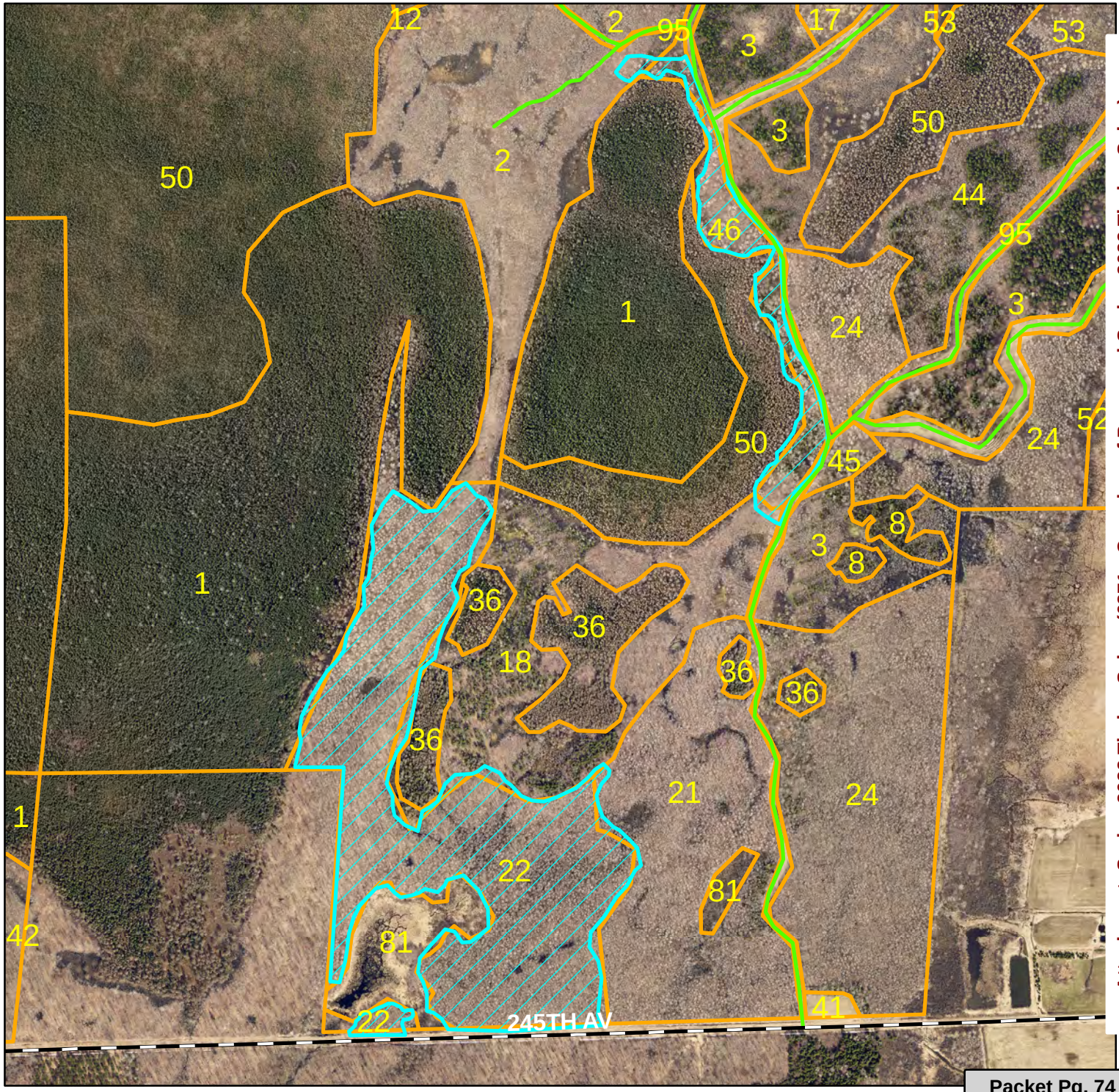


Attachment: Spring 2022 Timber Sales (6871 : Overview of Proposed Spring 2022 Timber Sales)

Poppin Popple

Approximatly 41 acres
Aspen Coppice

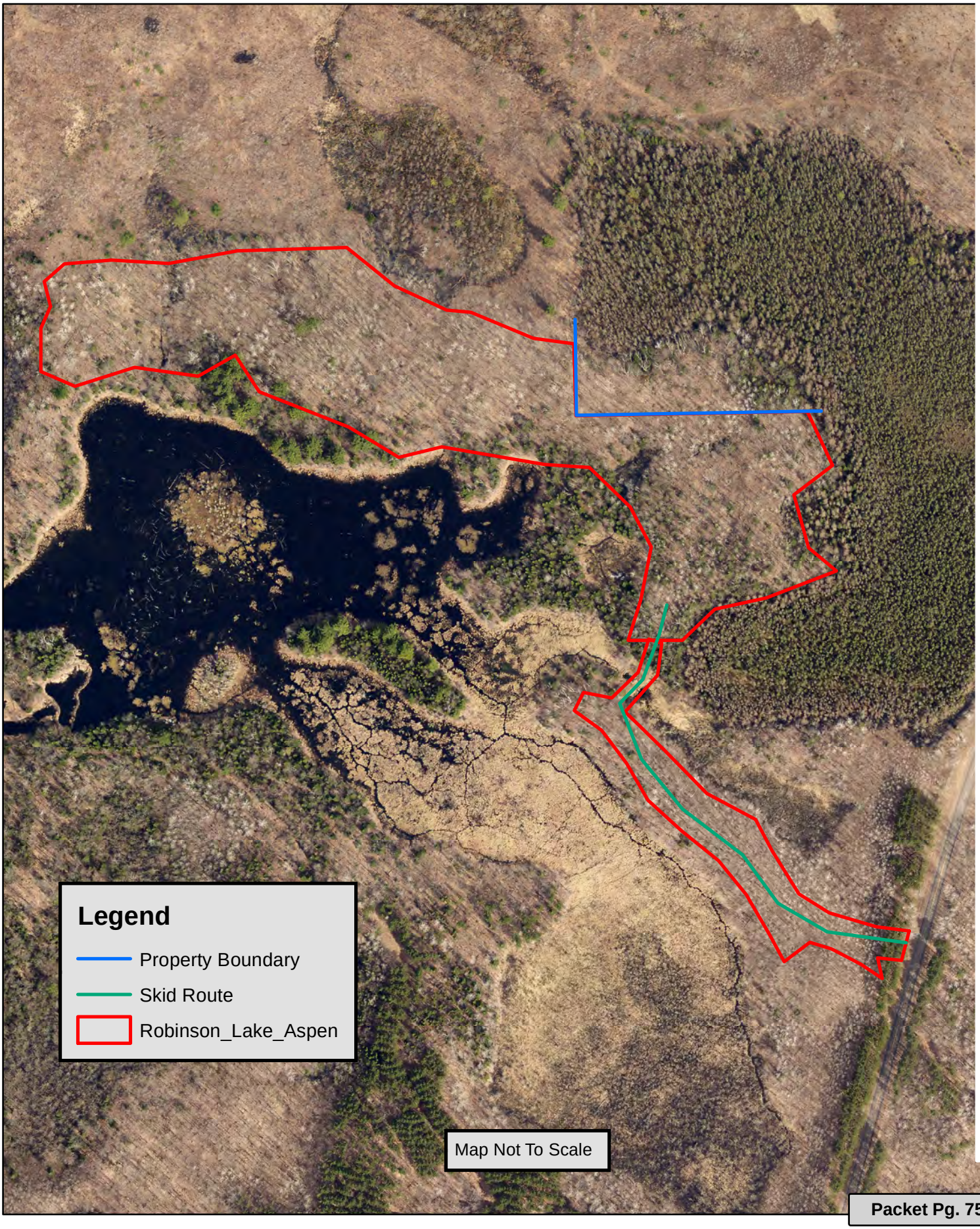
Winter only harvest



Attachment: Spring 2022 Timber Sales (6871 : Overview of Proposed Spring 2022 Timber Sales)

Robinson Lake Aspen Tract 30-21

Approximatly 13 acres



Attachment: Spring 2022 Timber Sales (6871 : Overview of Proposed Spring 2022 Timber Sales)

CHIPPEWA COUNTY TIMBER SALE TRACT 30-21

Robinson Lake Aspen (approximately 13 acres)

Located in T32N R7W Section 16, Town of Birch Creek

The table below contains an estimate of the amount of each species/product. There is no minimum bid for each species; however **the total minimum bid that is acceptable for Tract 30-21 is $ 3,923.00**.

Species	Amount	
	Tons	MBF
Aspen cordwood	380	
Mixed Hdwd cordwood	100	
Mixed Hardwood logs		5

Sale Area Description:

This sale will be a clear-cut to coppice the aspen in the stand. The boundaries of this sale are marked with red paint line and red to delineate wetland boundaries with blue paint to represent the property line. The sale is accessed from Hwy E. There is currently no existing road. A road/ landing will need to be constructed at the location. The landing must be located outside of the aesthetic zone or hidden to the road by the red pine plantation. The sale is made up of a hogsback which ends at a wetland and a larger area across the wetland. Frozen ground conditions may be required at a wetland crossing.

Cutting Requirements:

Aspen Harvest Areas: (13 acres) Cut all trees one inch in diameter and larger. **Do not** cut any boundary trees or conifers.

Special Conditions:

- The contract length is 2 years.
- *Leave all snags (dead trees) unless they present a safety hazard*. *Use caution to limit the disturbance of Course Woody Debris (CWD) on the forest floor.* (ie) down logs greater than 12 inches in diameter.
- In the event that timber mats will be required County timber mats are available for use, at no charge, on a first come first served basis.
- All logging debris must remain within the sale boundaries and kept from wetlands.
- All landing locations must be approved. All merchantable timber that is removed along landings or skid trails must be utilized and accounted for through mill slips or log scales.
- All hardwood logs, (except aspen) 10” or larger on the small end will be charged at the appropriate saw log stumpage rate.

Attachment: Spring 2022 Timber Sales (6871 : Overview of Proposed Spring 2022 Timber Sales)

STATEMENT OF EXPLANATION
OVERVIEW OF THE USE OF PRESCRIBED FIRE TO PROMOTE OAK REGENERATION IN THE COUNTY FOREST

Approximately ¼ of the County's forested acres are Oak dominated stands. The current abundance of oak timber in the Chippewa County Forest is due in large part to the cutover and frequent occurrence of fire in the late 1800s and early 1900s. Oak regenerates well in the bare mineral soil and full sunlight conditions created by fire disturbance.

LFCM through our partnership with WDNR intend to use prescribed fire to supplement other oak regeneration methods already being used. Our intent is to use fire in areas where mechanical scarification hasn't produced adequate regeneration or heavy competition is limiting growth or existing regeneration.

Dennis Hutchison, WDNR Ranger and Chippewa County Forest Liaison, will present an overview of planning and prescribed fire operations.

Prescribed Fire as a Silvicultural Tool

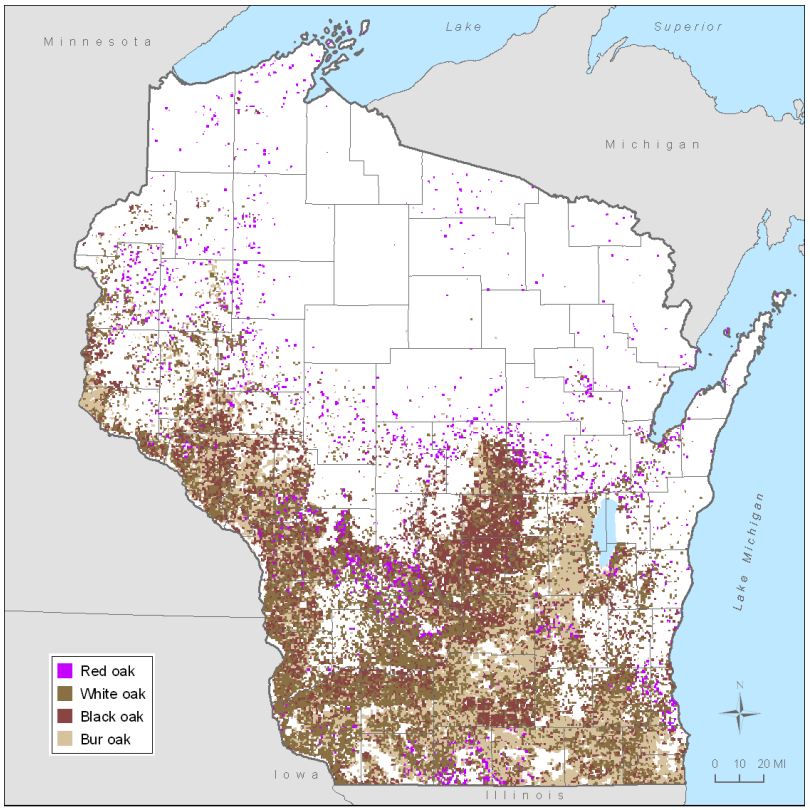


Dennis Hutchison
WDNR Forest Liaison/Forest Ranger
Wisconsin Department of Natural Resources
dennis.hutchison@wisconsin.gov

WISCONSIN
DEPT. OF NATURAL RESOURCES

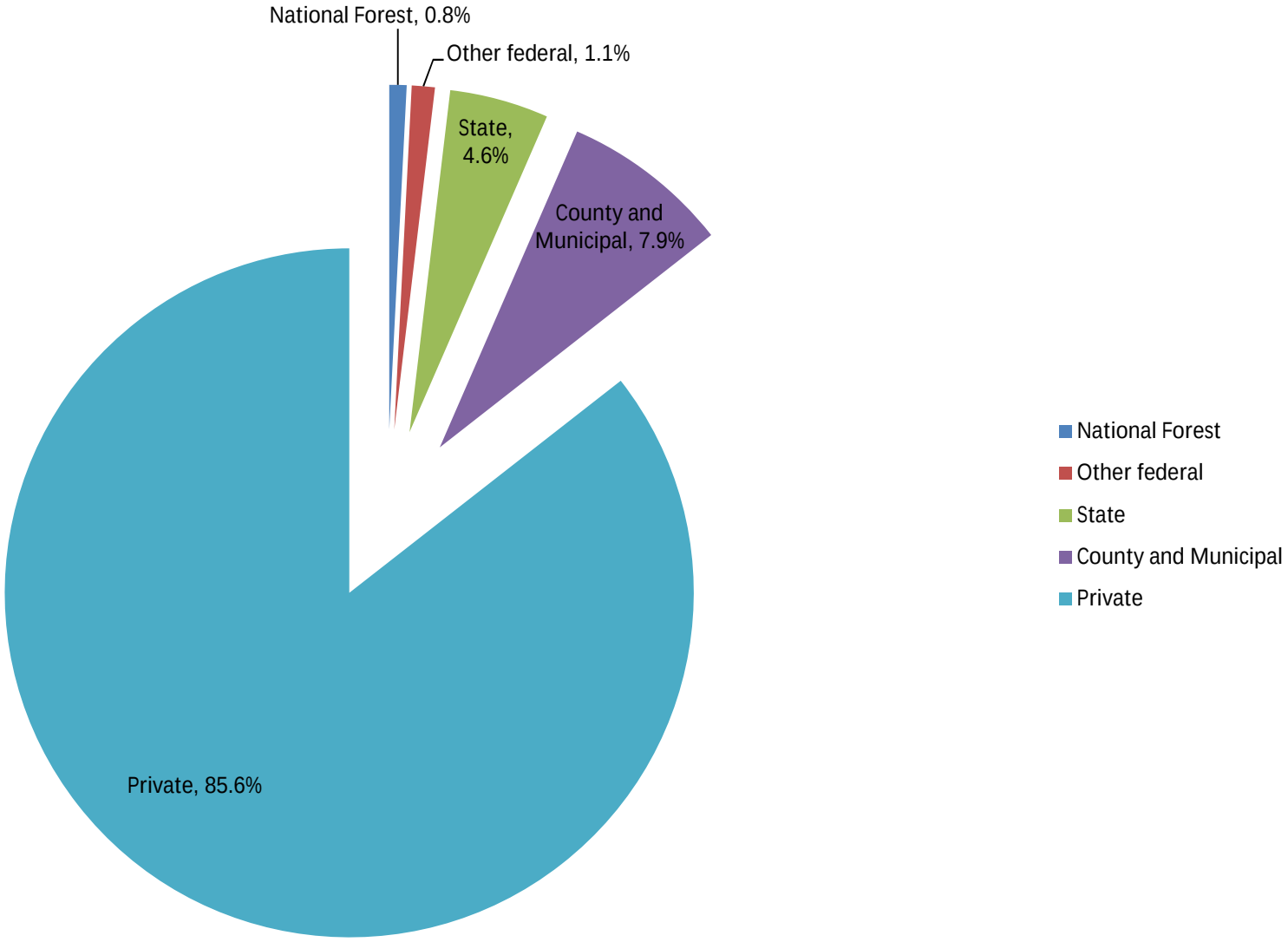
Oak Forest of Wisconsin

- The Oak forest cover type encompasses 3.4 million acres in Wisconsin
  - • 20% of total forest cover
  - Valuable Forest Resource
    - Timber – lumber and veneer
    - Wildlife – mast, structure



Who is in a position to influence the age class distribution of oak?

Wisconsin Oak / Hickory Acreage (FIA 2011)



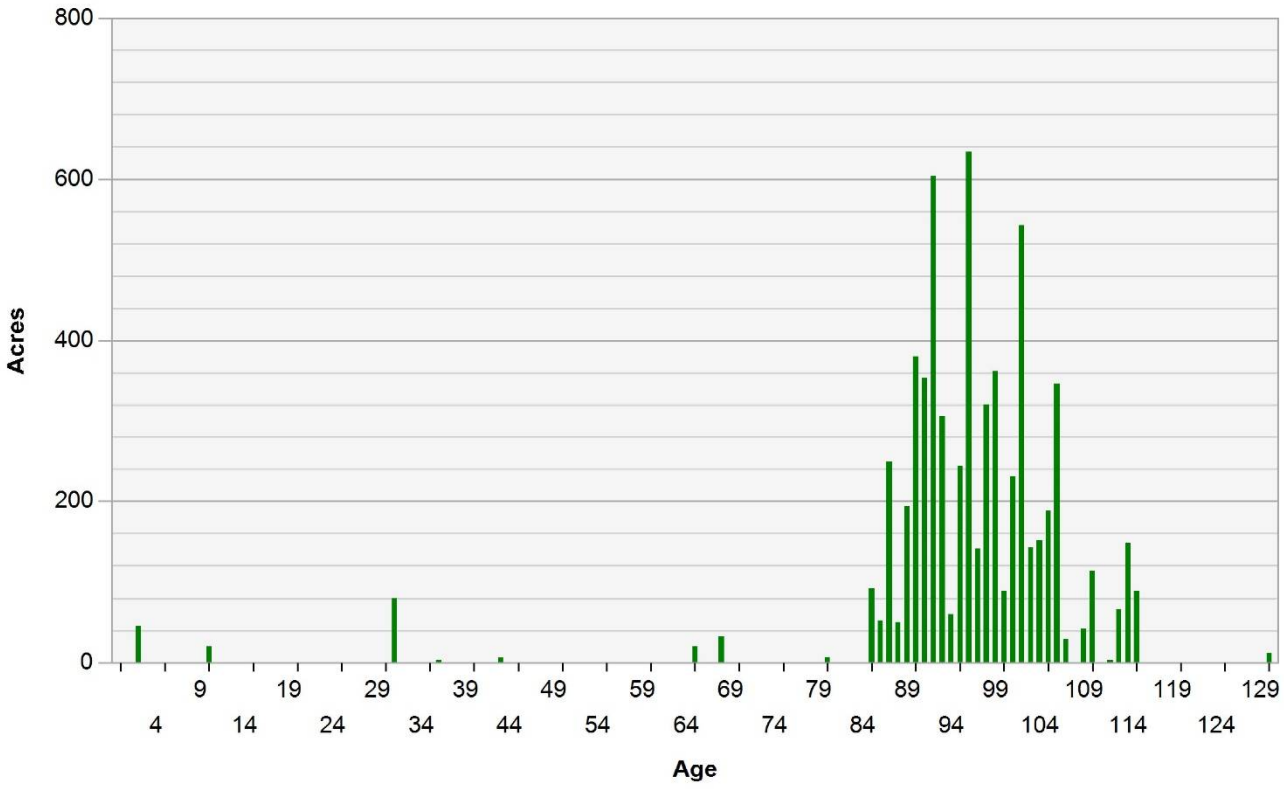
Attachment: Chippewa Oak Burn (6870 : Overview of the Use of Prescribed Fire to Promote Oak

Forest Type Age Distribution

Print Date: 3/2/2022
Report 103

900 - CHIPPEWA COUNTY FOREST **OAK**

Age	Acres
1-5	45
6-10	20
11-15	0
16-20	0
21-25	0
26-30	0
31-35	80
36-40	3
41-45	6
46-50	0
51-55	0
56-60	0
61-65	20
66-70	33
71-75	0
76-80	7
81-85	92
86-90	925
91-95	1,567
96-100	1,547
101-105	1,257
106-110	532
111-115	306
116-120	0



Attachment: Chippewa Oak Burn (6870 : Overview of the Use of Prescribed Fire to Promote Oak

The magnitude of the historical role of fire is under-appreciated.



- Prior to settlement, 4 - 7 million acres of Wisconsin may have burned every year. After settlement, forests still burned to increase forage value.

Attachment: Chippewa Oak Burn (6870 : Overview of the Use of Prescribed Fire to Promote Oak

The magnitude of the historical role of fire is under-appreciated.



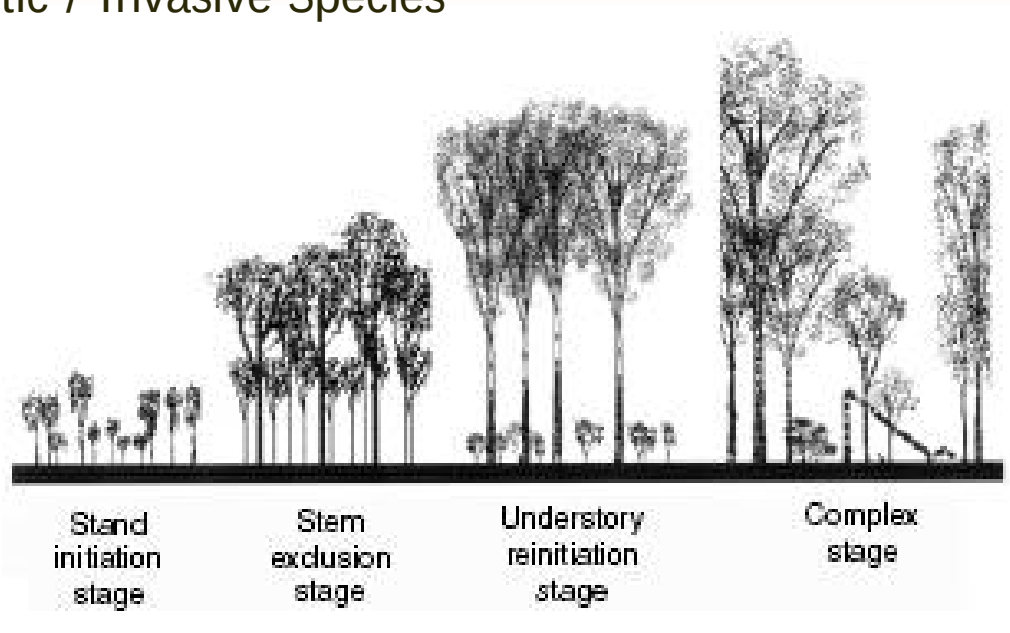
- From a historical perspective, it may be more accurate to regard the absence of fire from the landscape as unnatural rather than natural.

Fire may play a critical role in the perpetuation of oak on mesic sites

Site Maintenance

Prior to stand initiation and after understory reinitiation, fire can be used to keep less desirable species from encroaching in oak dominated stands.

- Red maple
- Exotic / Invasive Species



Attachment: Chippewa Oak Burn (6870 : Overview of the Use of Prescribed Fire to Promote Oak

Fire may play a critical role in the perpetuation of oak on mesic sites

Competitive Advantage

Competition from other species might be reduced and the proportion of oaks in advanced reproduction might be increased with fire.

- Oak regeneration accumulates in the presence of disturbance
- Favors a large root:shoot ratio. Oak seedlings have inherently slow shoot growth and attaining a competitive rate of growth depends upon the development of a large root:shoot ratio and large root mass.

The Shelterwood - Burn Method



The Shelterwood - Burn Method: 1st Stage Shelterwood harvest



The Shelterwood - Burn Method: Advanced Regeneration Development



The Shelterwood - Burn Method: Relatively Hot Growing Season Prescribed Fire



The Shelterwood - Burn Method: Oak Dominates Advanced Regeneration Pool




Day 1


Day 1


Day 3







Attachment: Chippewa Oak Burn (6870 : Overview of the Use of Prescribed Fire to Promote Oak

IMPLEMENTING A FIRE MANAGEMENT PROGRAM

- Develop and implement a Prescribed Burn Plan
- Monitor and assess the impacts of management actions
  - If desired outcomes are not achieved with prescribed burning, consider amending the fire to achieve goals
    - Increase/Decrease residence time
    - Increase/Decrease frequency of burn
    - Increase/Decrease intensity of burn
    - Change prescription reflect fuel loading

Attachment: Chippewa Oak Burn (6870 : Overview of the Use of Prescribed Fire to Promote Oak



Attachment: Chippewa Oak Burn (6870 : Overview of the Use of Prescribed Fire to Promote Oak



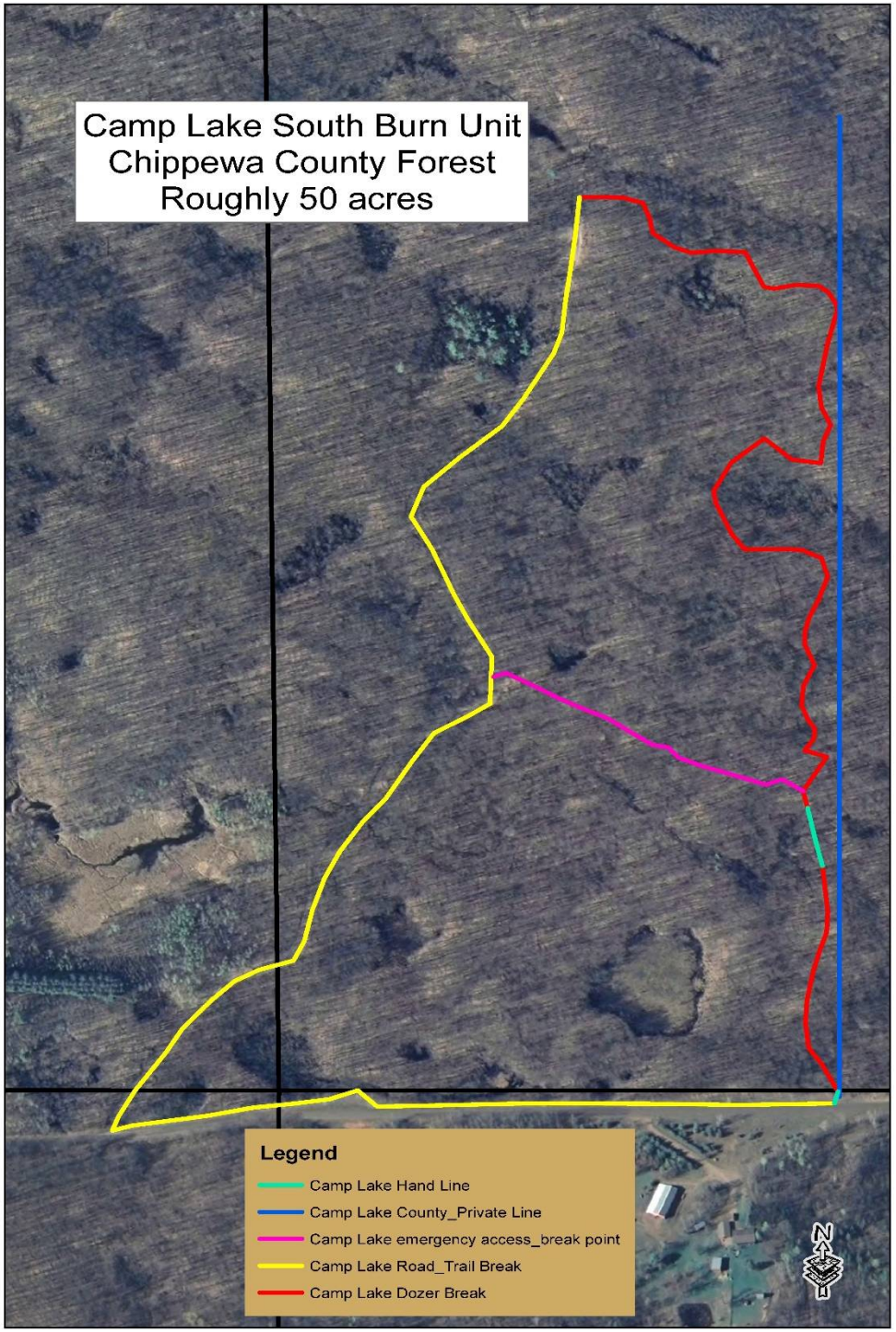
Attachment: Chippewa Oak Burn (6870 : Overview of the Use of Prescribed Fire to Promote Oak



Attachment: Chippewa Oak Burn (6870 : Overview of the Use of Prescribed Fire to Promote Oak



Attachment: Chippewa Oak Burn (6870 : Overview of the Use of Prescribed Fire to Promote Oak


Camp Lake South Burn Unit
Chippewa County Forest
Roughly 50 acres
Legend
Camp Lake Hand Line
Camp Lake County_Private Line
Camp Lake emergency access_break point
Camp Lake Road_Trail Break
Camp Lake Dozer Break
N


Questions?
Thank You

Prescribed Fire in the Comprehensive Plan

Chapter 600 - Protection

605.4 Prescribed Burning

All prescribed burning on County Forest lands will follow the DNR recommendations. See *Prescribed Burn Handbook* (No. 4360.5) for details. Prescribed fire may be an effective management tool in the County Forest.

Chapter 800 - Integrated Resource Management

810.1.7.1 Prescribed Fire

Prescribed burning in the County Forest may play an important role in management. Many of the plant communities present today are the result of wild fires. As the needs are presented to regenerate or maintain timber types or other plant communities, the Land Conservation & Forest Management Committee will examine the costs and benefits of each opportunity. Increased regulations, the County's cost of completing the burn, and the risk of breakouts and uncontrolled fires will have to be considered with any benefits of vegetation management through prescribed burning. All prescribed burning will be done in accordance with Wisconsin State Statutes 26.12, 26.14, and the DNR *Prescribed Burn Handbook (4360.5)*, and in cooperation with the Department of Natural Resources, per Section 605.4 of this plan.

825.5.6 Oak Management

Oak is an important mast-producing food source in the forest, providing acorns for a wide variety of game and non-game species. The County Forest has 6,377 acres of oak habitat. It is considered a critical resource to retain on the landscape for both its timber and wildlife value, providing habitat for species such as scarlet tanager, wood thrush, red headed woodpecker, and black bear.

Attachment: Prescribed Fire in the Comprehensive Plan (6870 : Overview of the Use of Prescribed Fire to Promote Oak Regeneration in County

STATEMENT OF EXPLANATION
REQUEST TO AUTHORIZE 50K RACE PERMIT IN COUNTY FOREST

Under Section 925, the Chippewa County Forest Comprehensive Land Use Plan states: "Any event in the County Forest which is advertised to the public, for which a fee is charged or is otherwise organized as an event, requires a permit or authorization by the Committee.".

The Chippewa 50K Trail Run will be hosting their 15th annual race event this April 23, 2022. The race starts and ends at the Chippewa Moraine Ice Age Reserve. Race organizers have historically obtained a Special Event Permit from WDNR for their event.

The race course follows the Ice Age Trail on both State and Chippewa County Forest properties. Race organizers assumed the State Permit was all that was required. LCFM staff identified that there could be liability issues and that a permit issued by the Committee would put everyone on the best legal footing. LCFM worked with Corporation Counsel, the State of Wisconsin, and trail organizers to create a Special Event Permit in time for the Committee to take action before this year's event.

This agenda item will be used to present the permit for Committee consideration.

CHIPPEWA COUNTY FOREST SPECIAL EVENT PERMIT AND AGREEMENT

This Chippewa County Forest Special Event Permit (the "Permit") and Chippewa County Forest Special Event Agreement (the "Agreement") (collectively, the "Permit and Agreement") is granted to and made and entered into by and between Chippewa County, Wisconsin, through the Chippewa County Department of Land Conservation and Forest Management (the "County") and Jeff Allen d/b/a True North Adventures (the "Permittee"), subject to following terms and conditions:

1. **Purpose.**

   The purpose of this Permit and Agreement is to grant the Permittee non-exclusive use of certain Chippewa County Forest property (the "Property") to conduct a 50k running event on the Ice Age Trail (the "Special Event") as identified, described and depicted in Attachment A to this Permit and Agreement, which is incorporated herein by reference.

2. **Special Event Date.**

   The Special Event shall start on April 23, 2022, and end on April 24, 2022, upon which time the Permit shall expire.

3. **Special Event Permit Fee.**

   There shall no permit fee charged for the Special Event.

4. **Items and Structures.**

   A. The Permittee may place portable tent structures, tables for food and first aid, flagging and route signs, temporary barriers (i.e. caution tape, ribbon, lathe, etc.) and a PA system on the Property.

   B. The Permittee shall maintain an inventory of all deployed signage and temporary barriers and like material that is used for the race. Said inventory should include the location where material is deployed and an identification system that allows the Permittee, to confirm posting and removal with the County by 9:00 am on April 24, 2020.

   C. No other items or structures shall be placed on the Property without the prior, written approval of the County.

5. **Concessions.**

   A. "Concession" for the purposes of the Permit shall include the selling or giving away of goods or services.

   B. The Permittee shall be solely responsible for complying with all applicable ordinances, laws and regulations and obtaining any applicable permits with regard to any concessions that may be offered at the Special Event.

6. **Hazards, Maintenance, Trash and Recyclables.**

   A. The Permittee shall inspect the Property before the event and shall remove, eliminate or correct any unsafe or dangerous conditions or hazard. The Permittee shall maintain the area in a safe condition for the duration of the Special Event.

Attachment: Chippewa 50K Agreement 2022 (6880 : Request to Authorize 50K Race Permit in County Forest)

B. No cutting or trimming of trees shall be performed without prior approval of the Department.

C. No fire(s) shall be started without prior approval of the Department; if prior approval is granted, solely in grills and fire-rings provided by the Department.

D. The Permittee shall be solely responsible for any and all clean-up of the Property, including, but not limited to, legal disposal of trash, recyclables and refuse and removal of all items and structures under Section 4. No litter shall be left on the Property by the Permittee, any Special Event participant or spectator.

7. **Compliance with Applicable Laws.**

The Permittee of the Special Event shall become familiar with, and shall at all times comply with and observe all local, state and federal laws, ordinances, rules and regulations which in any manner affect the conduct the Permittee and its employees, officers, directors and agents with regard to the Special Event.

8. **Control of Performance.**

The Permittee shall have sole control of the method, hours worked and time and manner of any performance under this permit other than as specifically provided herein. The County takes no responsibility for supervision or direction of the performance of the Permittee to be performed by the Permittee or the Permittee's employees, officers, directors and agents. The County will exercise no control over the selection and dismissal or of the Permittee's employees, officers, directors and agents.

9. **Non-Discrimination.**

The Permittee shall not discriminate against any employee, participant or applicant for employment in the Special Event because of age, race, color, sex, religion, disability, physical condition, developmental disability as defined in s. 51.01(5), Wis. Stats., sexual orientation or national origin.

10. **Indemnification.**

The Permittee shall indemnify the County and its employees, officers, officials and agents against all claims, damages, costs and expenses including liability costs and attorney's fees arising either from the management of the Special Event or from any breach or default on the part of the Permittee in the performance of this Permit and Agreement, or from any negligence of the Permittee in the Special Event.

11. **Insurance.**

A. The Permittee shall purchase liability insurance to be effective the dates of the Special Event and listing the County, its employees, officers, officials and agents as additional insureds in the amount of $1,000,000.00 single limit per occurrence including $1,000,000.00 for bodily injury, including death, and $25,000.00 property damage.

B. The Permittee shall furnish the County with a copy of the insurance policy or certificate of insurance no later than thirty (30) days prior to the Special Event. This permit is conditioned upon the County's approval of the insurance policy. The Permittee will immediately notify the County both verbally and in writing of any action by the insurer to cancel the insurance policy.

Attachment: Chippewa 50K Agreement 2022 (6880 : Request to Authorize 50K Race Permit in County Forest)

12. **Mandatory Contacts.**

The Permittee shall notify the following entities/user groups/individuals with specific details and course map of the Special Event no later than April 9, 2020:

A. Recreation Deputy Craig Fleischhacker
Chippewa County Sheriff's Department
Email: cfleischhacker@co.chippewa.wi.us
Phone: (715) 726-7701 Ext. 2275

B. Jeanne Fox, Treasurer
Chippewa Valley Trail Riders
Email: jeannefox227@gmail.com
Phone: (715) 577-6737

13. **Notices.**

Any notice required or permitted hereunder shall be given by personal delivery upon an authorized representative of a party hereto; or if mailed by United States registered or certified mail, return receipt requested, postage prepaid; or if deposited cost paid with a nationally recognized, reputable overnight courier, properly addressed as follows, or by electronic mail:

If to Permittee: True North Adventures
Attn: Jeff Allen
26806 Goldman Blvd.
Wyoming, MN 55092
Email: runjeffrun50k@yahoo.com

If to County: Chippewa County Department of Land Conservation & Forest Management, Forest & Trails Division
Attn: Matt Hansen
711 N. Bridge Street, Room 011
Chippewa Falls, WI 54729
Email: mhansen@co.chippewa.wi.us

14. **Assignability.**

Neither this Permit and Agreement nor any right or duty in whole or in part by the Permittee under this Permit and Agreement may be assigned, delegated or subcontracted without the prior written consent of the County.

15. **Entire Permit and Agreement.**

This Permit and Agreement, together with the requirements herein and referenced parts and attachments, shall constitute the entire Permit and Agreement and any previous communication or permit and agreement pertaining to this Permit and Agreement are hereby superseded.

16. **No Waiver.**

No failure to exercise, and no delay in exercising, any right, power or remedy hereunder on the part of the County or Permittee shall operate as a waiver thereof, nor shall any single or partial exercise of any

Attachment: Chippewa 50K Agreement 2022 (6880 : Request to Authorize 50K Race Permit in County Forest)

right, power or remedy preclude any other or further exercise thereof or the exercise of any other right, power or remedy. No express waiver shall affect any event or default other than the event or default specified in such waiver, and any such waiver, to be effective, must be in writing and shall be operative only for the time and to the extent expressly provided by the County or Permittee therein. A waiver of any covenant, term or condition contained herein shall not be construed as a waiver of any subsequent breach of the same covenant, term or condition.

17. **Termination and Modification.**

The County may terminate or modify the conditions of this Permit and Agreement at any time, except that modifications relating to time extensions must be made by an amendment to this Permit and Agreement or other written documentation, signed by the Permittee and the County at least thirty (30) days prior to the ending date of this Permit and Agreement.

18. **Non-Compliance.**

The County may consider Permittee's failure to comply with the conditions of this Permit and Agreement as adequate justification to deny any future special event applications submitted by the Permittee or its sponsoring organization.

19. **Choice of Law.**

This Permit and Agreement shall be governed by and construed, interpreted and enforced in accordance with the laws of the State of Wisconsin.

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[SIGNATURE PAGE FOLLOWS ON NEXT PAGE]

Attachment: Chippewa 50K Agreement 2022 (6880 : Request to Authorize 50K Race Permit in County Forest)

SIGNATURE PAGE

The Permittee and the County having read and understood the entirety of this Agreement, consisting of five (5) typewritten pages and Attachment A, hereby affix their duly authorized signatures.

For County, BY:

Matt Hansen Date
Title: County Forest Administrator & Public Liaison

For Permittee, BY:

Jeff Allen d/b/a True North Adventures Date
Title: President

Attachment: Chippewa 50K Agreement 2022 (6880 : Request to Authorize 50K Race Permit in County Forest)

Attachment A

Tentative Race Map 2022 Chippewa 50K



Attachment: Chippewa 50K Agreement 2022 (6880 : Request to Authorize 50K Race Permit in County

STATEMENT OF EXPLANATION
ANNUAL 2022 MATCHING GRANT CRITERIA; CHIPPEWA COUNTY STEWARDSHIP FUND.

The LCFM administers the Chippewa County Stewardship Fund following policy and procedures adopted by the County Board. The fund is used to by the County to: 1). Receive public contributions ($) and donations of land for conservation purposes, 2). Purchase land or conservation easements for conservation purposes, and 3). Distribute 1:1 match grants to eligible municipalities and non profit organizations to support the purchase of conservation and recreational lands for public outdoor recreational use.

Sec. 6.0 of the County Stewardship Fund Program policy establishes procedures to be used in distributing local matching grant funds to assist eligible municipalities, and non-profit organizations to acquire land for conservation and public use.

Sec. 6.1 of the policy requires that the committee set annual criteria to be used in conjunction with the standing criteria to solicit and evaluate grant applications.

Sec. 6.3 of the policy sets standing criteria to be considered in evaluating and selecting projects.

On 12/15/21, the Committee reviewed a report that focused on changes to the annual criteria, as proposed by staff.

Under this agenda item, the LCFM committee will review and consider the annual criteria to be used in soliciting and evaluating matching grant applications in 2022.

ANNUAL CRITERIA FOR EVALUATING AND SELECTING PROJECTS SUBMITTED TO THE CHIPPEWA COUNTY STEWARDSHIP FUND LOCAL MATCH GRANT PROGRAM IN 2022 ~~2021~~

Introduction

A complete outline of standing administrative policy is established in Chippewa County Stewardship Fund Policy and Procedures for Program Administration, (12/7/99). Section 2.0 gives the Land Conservation Committee (LCC) administrative authority for the Program.

Program policy provides for the use of the County Stewardship Fund to assist landowners, municipalities, local units of government, and non-profit organizations to meet land conservation and resource management objectives in the County.

Program policy requires the LCC to establish objectives and set priorities (annual grant application evaluation criteria) for funding allocations on an annual basis.

Applications shall specify all intended outdoor recreational uses.

Applications shall list all parties directly involved with the project proposal and long-term custodial management of the property.

Year 2022 ~~2021~~ Annual Grant Application Evaluation Criteria

In the Year 2022 ~~2021~~ grant cycle, primary consideration will be given to:

a. Applicants who propose projects that will be matched by other grant sources.
b. Applicants who have not previously received a grant.
c. Applicants who propose projects with a purchase price of less than or equal to the appraised value. The County will not contribute to a proposed project in which the purchase price is higher than the appraised value, unless unique and extraordinary circumstances warrant paying more than the appraised value, as determined by the LCC.

All applications submitted through the Chippewa County Stewardship Local Matching Grants allocation process will be evaluated based upon the following criteria:

a. Projects that provide permanent public access for the nature-based outdoor activities, defined in WI Stats. 23.0916(1)(b), including hunting, fishing, trapping, hiking, cross country skiing, and any other nature-based outdoor activity designated by the DNR.

1. Priority will be given to:

a. Municipal governments (cities, villages, towns) and eligible non-profit organizations that request up to $50,000 for acquisition of land or easements to establish green space, bicycle or pedestrian trail corridors, or nature-based park space, as identified in a current land use or public recreation, or trail corridor plan.

b. County committees, non-profit organizations, or municipal governments (cities, villages, towns) that request up to $50,000 for the purchase of land (or options to purchase), located within or adjacent the County Forest Blocking Boundary, or for acquisition of parcels which will be managed as part of the County park system.

c. Projects that result in the acquisition ~~i. Acquisition~~ of land or conservation easements to protect shoreland corridors or areas of unique geological, environmental, or biological significance. ~~; or~~

~~ii. Acquisition of land or conservation easements to establish green space or recreational trail corridors in urbanizing areas subject to development; or~~

Attachment: 2022 Annual Criteria Final (6864 : Annual 2022 Matching Grant Criteria; Chippewa County Stewardship Fund.)

~~iii. Acquisition of conservation easements to protect areas of farmland which have been identified in an approved Town land use plan and are zoned for "Production Agriculture" which establishes a residential density of no more than 1 residential unit per 35 acres; or lands covered by an active Farmland Preservation Agreement.~~

2. Additional matching grant guidelines include:

   a. Preference will be given to projects that propose the use of combined funding (applicant match + County match) as a local match toward other State of Federal grant programs.

   b. State and Federal grants may not be used as the applicant's local match for County funds.

   c. Hard contribution from the applicant must be at least 10% of the amount of County funds requested.

   d. No project shall receive no more than $50,000 from the County Stewardship Fund without County Board Approval

Further Clarification of Local Match Requirements and Eligible Expenses

To be eligible for project funds, the applicant must match the amount requested from the County Stewardship Fund. The Applicant's match must consist of 10% hard contribution.

Local expenses, which may be applied as 10% hard contribution, are as follows:

1. Property appraisals.
2. Title Insurance.
3. Survey costs.
4. Recording fees.
5. Legal fees.
6. Donations toward an endowment for custodial management.

Explanatory Note:

Gifts of land value, offered by the landowner to the applicant, may be used for local match but may not be applied to 10% hard contribution.

The value of the gift is calculated as follows:

Gift Value = Appraised value of land or conservation easement minus the Purchase Price

For example: The Smith conservation easement was appraised at $100,000 but they will sell the conservation easement to a Non-profit Organization for $75,000. The Smith's will be giving the Non-profit Organization a gift valued at $25,000. The Non-profit Organization may apply the $25,000 gift towards their local match, but it won't be counted as part of their 10% hard contribution.

Attachment: 2022 Annual Criteria Final (6864 : Annual 2022 Matching Grant Criteria; Chippewa County Stewardship Fund.)

STATEMENT OF EXPLANATION
CONSIDER AND RANK LCFM CIP PROJECTS (2023-2027)

Chippewa County administers a multi-year Capital Improvement Program, (CIP).

As a first step in the 2023 budget process, the Dept. of Administration has directed each Department to prepare and update a five (5) year Capital Improvement Plan proposal to be considered as part of the 2023 annual budget process.

This agenda item will be used to review the process used by the County to prepare the five year CIP proposal and the Department's recommendation for that proposal, as prepared by the Dept. of LCFM for consideration by the County Administrator.

This agenda item will also be used to seek Committee feedback and to enable the Committee to rank the projects for consideration by the County Administrator as part of the 2023 budget process.

2023 – 2027
Capital Improvement Plan Calendar

(Bonding required in FY22 for FY23 budget)

CIP projects include items valued at $50,000 or more and must meet the criteria as defined in Sec. 2-361 (a)(3)(b) of the Code of Ordinances.

12/06/2021	CA sends CIP instructions and justification forms to Department Heads
01/07/2022	Deadline for DH to communicate with the Facilities & Parks Director and IT Director if there are projects that involve their Divisions or contact the Highway Department if you need a vehicle replacement. This will allow time to determine the project details and cost in order to meet the 03/24/2022 deadline.
12/06/21 – 03/24/22	CIP justification forms (See Appendix DOA-304-A) are completed by Departments and reviewed with the policy committees for feedback and priority ranking
02/01/2022	CA presents status update to Executive Committee on current CIP projects
02/08/2022	CA presents status update to County Board on current CIP projects
03/24/2022	CIP justification forms are submitted electronically to Traci Bremness to be compiled for review by the Finance Division and County Administrator
04/18 – 04/29/2022	Finance Division reviews and follows up with departments for clarification and/or additional information if needed
05/02/2022	Finance Division provides CIP requests to County Administrator for review and approval or denial
06/07/2021	County Administrator presents the proposed five-year CIP, CIP resolutions, and sales tax resolutions to the Executive Committee for recommendation to the County Board
	Initial borrowing resolution presented to Executive Committee for recommendation to the County Board
06/14/2022	County Administrator presents the proposed five year CIP, CIP resolutions, and sales tax resolutions to County Board for approval
	Initial borrowing resolution presented to County Board for approval
09/06/2022	Draft borrowing award resolution presented to Executive Committee for consideration
09/13/2022	Final borrowing award resolution presented to Executive Committee at special meeting (prior to County Board meeting) for recommendation to County Board
09/13/2022	Final borrowing award resolution presented to County Board for approval
09/16/2022	A copy of the 5-year Capital Improvement Program is distributed electronically to department heads and elected officials and posted on the employee portal
10/03/2022	Closing information available – funds are wired to the County

Attachment: CIP 2023-2027 (6869 : Consider and Rank LCFM CIP Projects (2023-2027))

3/9/2022

Department of Land Conservation & Forest Management
2023 Capital Improvement Plan Ranking

Committee Rank	Department Rank	Project	Source of Funding				
			Expenditure	Fund Balance	Sales Tax	Borrowing	Grants/Other
	1	Hickory Ridge Trailhead Expansion④	$ 500,000				$ 500,000
	2	Co Stewardship Fund ①	$ 100,000	$ 50,600	$ 49,400		
	3	Co. Forest Dam Relicensing Infrastructure Inspection ③	$ 50,000		$ 50,000		
	4	County Forest Land Acquisitions ②	$ 300,000	$ 150,000			$ 150,000
	5	Snowmobile Bridge - TBD	$ 120,000				$ 120,000

Attachment: CIP 2023-2027 (6869 : Consider and Rank LCFM CIP Projects (2023-2027))

3/10/2022

Department of Land Conservation & Forest Management
Capital Improvement Plan Requests & Adjustments

		Source of Funding					
Year	Project	Expenditure	Fund Balance	Sales Tax	Borrowing	Grants	Comments
2023	Hickory Ridge Trailhead Expansion④	$ 500,000				$ 500,000	Requested in 2022
2023	Co Stewardship Fund ①	$ 100,000	$ 50,600	$ 49,400			Requested in 2018
2023	Co. Forest Dam Relicensing Infrastructure Inspection ③	$ 50,000		$ 50,000			Requested in 2021
2023	County Forest Land Acquisitions ②	$ 300,000	$ 150,000			$ 150,000	Requested in 2018
2023	Snowmobile Bridge - TBD	$ 120,000				$ 120,000	Requested in 2018
2024	Co Stewardship Fund ①	$ 100,000	$ 100,000				Requested in 2018
2024	Snowmobile Bridge - TBD	$ 120,000				$ 120,000	Requested in 2018
2024	County Forest Land Acquisitions ②	$ 300,000	$ 150,000			$ 150,000	Requested in 2018
2024	Upgrade GPS/Total Station Survey & CAD Technology	$ 50,000		$ 50,000			Requested in 2021
2025	Co Stewardship Fund ①	$ 100,000	$ 100,000				Requested in 2018
2025	Snowmobile Bridge - TBD	$ 120,000				$ 120,000	Requested in 2018
2025	County Forest Land Acquisitions ②	$ 300,000	$ 150,000			$ 150,000	Requested in 2018
2026	Co Stewardship Fund ①	$ 100,000	$ 100,000				Requested in 2018
2026	Snowmobile Bridge - TBD	$ 120,000				$ 120,000	Requested in 2018
2026	County Forest Land Acquisitions	$ 300,000	$ 150,000			$ 150,000	Requested in 2018
2027	Co Stewardship Fund ①	$ 100,000	$ 100,000				Requested in 2018
2027	Snowmobile Bridge - TBD	$ 120,000				$ 120,000	Requested in 2018
2027	County Forest Land Acquisitions ②	$ 300,000	$ 150,000			$ 150,000	Requested in 2018

~~Removed from CIP~~ 2022 additions/changes to CIP

① Co. Stewardship Fund requests added per county resolution #76-98 to maintain a working fund balance to offer matching grants to local municipalities and non profit conservation organizations to secure land for conservation public use. Fund Balance as of 12/31/2021 is $85,600.42, was reduced to $50,600.42 after $50,000 Pheasants Forever Grant Award in February 2022.

② County Forest Land Acquisitions CIP projects will be funded by state grants with the option of applying a share of forest revenues to acquire land within the County Forest Blocking Boundary that would support the public forest enterprise. Funding Order to match fund balance allocation: 1-Tax Deed Type B account & sales 2-Special Conservation Fund 3-Forest Loans

③ This work will potentially be able to be completed in-house by our engineering staff.

④ Trailhead expansion to accommodate increased public use of facilities.

Attachment: CIP 2023-2027 (6869 : Consider and Rank LCFM CIP Projects (2023-2027))

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Capital Improvement Program (CIP) Justification Form

Budget Year	Department Name	Project Name
2023	Land Conservation &Forest Management	Hickory Ridge Trailhead Expansion

Priority	Total Expenditure	Source of Funding			
		Fund Balance / Non-Lapsing	Sales Tax	Borrowing	Grants
Desired	$500,000				$500,000

Projects should be ranked for the next fiscal year only. Projects for years 2-5 are placeholders.

Department Head Recommended Ranking	Committee Approved Ranking
1	

Project Description and Justification

The public's increased use of the Hickory Ridge Trailhead facilities has outgrown the capacity of the current parking lot. On weekends there are regularly more cars than the parking lot can hold. Additionally, temporary parking adjacent the Dog Island Lake warming house is no longer available to house the annual mountain bike race. This expansion aims to facilitate future race events.

The high quality grooming efforts provided by volunteers from FOHRT requires lots of specialized equipment. The increased amount and size of the equipment the County maintains to facilitate grooming has also outgrown the capacity of the current maintenance shed. The current 18' x 24' maintenance shed will be replaced with an insulated 40' x 60' maintenance shed with an 10' covered drive through adjacent the trail. Power and heat will be provided through solar powered lights and propane furnace.

A 24' x 30' warming house with be also be built to provide the public a place to change in and out of equipment, congregate and enjoy the trailhead setting. Solar power will provide lighting and a wood stove will be available for public use to heat the building.

This project will be funded 50% by a state grant and 50% by a private donor (FOHRT).

Additional Action and/or Comments from Committee

Submitted by: _____ Date: _____

Completed forms should be reviewed with the policy committees and then submitted to the County Administrator's office.

Attachment: CIP 2023-2027 (6869 : Consider and Rank LCFM CIP Projects (2023-2027))

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Capital Improvement Program (CIP) Justification Form

Budget Year	Department Name	Project Name
2023	LCFM	County Stewardship Fund

Priority	Total Expenditure	Source of Funding			
		Fund Balance / Non-Lapsing	Sales Tax	Borrowing	Grants
Desired	$100,000	$100,000	$0	$0	$0

Projects should be ranked for the next fiscal year only. Projects for years 2-5 are placeholders.

Department Head Recommended Ranking	Committee Approved Ranking
2	N/A

Project Description and Justification

The Chippewa County Board (through Resolution 76-98) created the Chippewa County Stewardship Fund in 1998 to provide a stable source of matching grant funds to assist landowners, municipalities, and non-profit organizations to meet local conservation objectives in Chippewa Co.

Section 3.1 of the "Chippewa County Stewardship Fund Policy & Procedures for Program Administration", (adopted through Resolution 89-99) states "The County Stewardship Fund will be established as a nonlapsing special revenue fund with partial proceeds available from the County Sales Tax and other funding sources, including public grants, private contributions, service or development fees, and other sources of revenue deemed appropriate by the County."

Since the inception of the program, 16 projects have been sponsored by the community resulting in the permanent protection of more than 2100 acres of land having high conservation and recreational value. The Stewardship Fund has been well received by the community and proves to be a cost effective way of meeting the County's long term land conservation and outdoor recreational needs. Since 1998, nearly $500,000 in sales tax match grants have been awarded. Using donations and principals of leveraging, every $1 of County sales tax funds have been matched by $6.00 in outside funding.

Under the program, all sites are protected by conservation easements and are required to have permanent public access for outdoor recreation. Unless added to the County Forest system, all sites are managed by other organizations or agencies resulting in no custodial costs to the Co. Given current development trends & associated pressures on land resources, there is an inherent need to maintain the County's resource conservation efforts. This accelerated need comes at a time when traditional revenue sources are being reduced or eliminated.

The request for continued sales tax financing supports the state goals & objectives of the Chippewa Co. Strategic Plan (2011) to "Coordinate and collaborate with government entities at all levels to ensure effective government services" and to "Provide a safe, healthy, and prosperous environment for Chippewa Co. employees, clientele, and citizens". The request also supports the stated Land Management Objective of the Chippewa Co. Land & Water Resource Mgt. Plan (2015), to "Protect areas of special environmental, natural resource, or open space significance, (Wisconsin Stats. 91.57)".

Additional Action and/or Comments from Committee

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Attachment: CIP 2023-2027 (6869 : Consider and Rank LCFM CIP Projects (2023-2027))

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Capital Improvement Program (CIP) Justification Form

Budget Year	Department Name	Project Name
2023	LCFM	Co. Forest Dam Relicensing Infrastructure Inspection

Priority	Total Expenditure	Source of Funding			
		Fund Balance / Non-Lapsing	Sales Tax	Borrowing	Grants
Desired	$50,000	$0	$50,000	$0	$0

Projects should be ranked for the next fiscal year only. Projects for years 2-5 are placeholders.

Department Head Recommended Ranking	Committee Approved Ranking
3	N/A

Project Description and Justification

The LCFM maintains eighteen (18) wildlife flowages in the Chippewa County Forest, that have been created through the construction of impoundments.

Six (6) of these impoundments are classified as large-scale dams, subject to DNR license and inspection requirements.

Scheduled inspections for licensed dams are conducted on a ten (10) year cycle and must be performed by a licensed engineer.

To maintain the wildlife flowages as part of the the County Forest infrastructure, the engineering inspection of the licensed dams must be conducted before 12/31/2023.

The CIP project will be used to contract an outside engineering consultant to conduct the inspection and file the necessary documentation to achieve the license renewal.

This allocation will allow the County to meet goals and obligations defined in the Chippewa County Forest Comprehensive Land use Plan (2021-2036).

This allocation will also allow the County to pursue an earlier Chippewa County Strategic Goal to provide a safe, healthy, and prosperous environment for Chippewa County residents by managing and protecting the County's natural resource base for the future.

Additional Action and/or Comments from Committee

Submitted by: _____ Date: _____

Completed forms should be reviewed with the policy committees and then submitted to the County Administrator's office.

Attachment: CIP 2023-2027 (6869 : Consider and Rank LCFM CIP Projects (2023-2027))

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Capital Improvement Program (CIP) Justification Form

Budget Year	Department Name	Project Name
2023	LCFM	County Forest Land Acquisitions

Priority	Total Expenditure	Source of Funding			
		Fund Balance / Non-Lapsing	Sales Tax	Borrowing	Grants
Desired	$300,000	$150,000	$0	$0	$150,000

Projects should be ranked for the next fiscal year only. Projects for years 2-5 are placeholders.

Department Head Recommended Ranking	Committee Approved Ranking
4	N/A

Project Description and Justification

The Chippewa County Comprehensive Forest Plan, as adopted by the County Board, establishes public policy to routinely evaluate and consider additions to the County Forest, that are cost effective and in the long term public interest.

Strategic additions to the County Forest and recreational land base, will allow for increased annual timber harvest and additional public recreational opportunities.

These capital additions will be of long term value and provide direct benefit to area residents, taxpayers, the forest products industry and the tourism industry.

The request meets the County strategic plan objective to “Manage and protect the County’s natural resources for the future including water, forests, etc.” and the Chippewa County Land & Water Resource Management Plan (July 2009) Land Management objectives.

The allocation of capital will likely generate matching funds. The State has recently created a special fund within the Knowles-Nelson Stewardship Fund that is dedicated to providing matching grants for County Forest Acquisitions. This dedicated state fund will enhance the County’s opportunity to acquire select parcels of high public value.

The amount of land within the County Forest Blocking Boundary offered for sale by private landowners consistently exceeds the amount of capital available to acquire the land. Offers are reviewed and evaluated by the Land Conservation & Forest Management as funds become available.

Additional Action and/or Comments from Committee

Submitted by: _____ Date: _____

Completed forms should be reviewed with the policy committees and then submitted to the County Administrator’s office.

Attachment: CIP 2023-2027 (6869 : Consider and Rank LCFM CIP Projects (2023-2027))

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Capital Improvement Program (CIP) Justification Form

Budget Year	Department Name	Project Name
2023	LCFM	SNOWMOBILE BRIDGE - TBD

Priority	Total Expenditure	Source of Funding			
		Fund Balance / Non-Lapsing	Sales Tax	Borrowing	Grants
Desired	$120,000	$0	$0	$0	$120,000

Projects should be ranked for the next fiscal year only. Projects for years 2-5 are placeholders.

Department Head Recommended Ranking	Committee Approved Ranking
5	N/A

Project Description and Justification

Planned snowmobile TBD bridge.

Bridge grants are requested in March of each year at the request of CVSO, and are paid 100% by WIDNR Grant monies; bridges are identified as needing repair or replacement on an as-needed basis.

Additional Action and/or Comments from Committee

Submitted by: _____ Date: _____

Completed forms should be reviewed with the policy committees and then submitted to the County Administrator's office.

Attachment: CIP 2023-2027 (6869 : Consider and Rank LCFM CIP Projects (2023-2027))

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Capital Improvement Program (CIP) Justification Form

Budget Year	Department Name	Project Name
2024	LCFM	County Stewardship Fund

Priority	Total Expenditure	Source of Funding			
		Fund Balance / Non-Lapsing	Sales Tax	Borrowing	Grants
Desired	$100,000	$100,000	$0	$0	$0

Projects should be ranked for the next fiscal year only. Projects for years 2-5 are placeholders.

Department Head Recommended Ranking	Committee Approved Ranking
N/A	N/A

Project Description and Justification

The Chippewa County Board (through Resolution 76-98) created the Chippewa County Stewardship Fund in 1998 to provide a stable source of matching grant funds to assist landowners, municipalities, and non-profit organizations to meet local conservation objectives in Chippewa Co.

Section 3.1 of the "Chippewa County Stewardship Fund Policy & Procedures for Program Administration", (adopted through Resolution 89-99) states "The County Stewardship Fund will be established as a nonlapsing special revenue fund with partial proceeds available from the County Sales Tax and other funding sources, including public grants, private contributions, service or development fees, and other sources of revenue deemed appropriate by the County."

Since the inception of the program, 16 projects have been sponsored by the community resulting in the permanent protection of more than 2100 acres of land having high conservation and recreational value. The Stewardship Fund has been well received by the community and proves to be a cost effective way of meeting the County's long term land conservation and outdoor recreational needs. Since 1998, nearly $500,000 in sales tax match grants have been awarded. Using donations and principals of leveraging, every $1 of County sales tax funds have been matched by $6.00 in outside funding.

Under the program, all sites are protected by conservation easements and are required to have permanent public access for outdoor recreation. Unless added to the County Forest system, all sites are managed by other organizations or agencies resulting in no custodial costs to the Co. Given current development trends & associated pressures on land resources, there is an inherent need to maintain the County's resource conservation efforts. This accelerated need comes at a time when traditional revenue sources are being reduced or eliminated.

The request for continued sales tax financing supports the state goals & objectives of the Chippewa Co. Strategic Plan (2011) to "Coordinate and collaborate with government entities at all levels to ensure effective government services" and to "Provide a safe, healthy, and prosperous environment for Chippewa Co. employees, clientele, and citizens". The request also supports the stated Land Management Objective of the Chippewa Co. Land & Water Resource Mgt. Plan (2015), to "Protect areas of special environmental, natural resource, or open space significance, (Wisconsin Stats. 91.57)".

Additional Action and/or Comments from Committee

Submitted by: _____ Date: _____

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Attachment: CIP 2023-2027 (6869 : Consider and Rank LCFM CIP Projects (2023-2027))

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Capital Improvement Program (CIP) Justification Form

Budget Year	Department Name	Project Name
2024	LCFM	SNOWMOBILE BRIDGE - TBD

Priority	Total Expenditure	Source of Funding			
		Fund Balance / Non-Lapsing	Sales Tax	Borrowing	Grants
Desired	$120,000	$0	$0	$0	$120,000

Projects should be ranked for the next fiscal year only. Projects for years 2-5 are placeholders.

Department Head Recommended Ranking	Committee Approved Ranking
N/A	N/A

Project Description and Justification

Planned snowmobile TBD bridge.

Bridge grants are requested in March of each year at the request of CVSO, and are paid 100% by WIDNR Grant monies; bridges are identified as needing repair or replacement on an as-needed basis.

Additional Action and/or Comments from Committee

Submitted by: _____ Date: _____

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Capital Improvement Program (CIP) Justification Form

Budget Year	Department Name	Project Name
2024	LCFM	County Forest Land Acquisitions

Priority	Total Expenditure	Source of Funding			
		Fund Balance / Non-Lapsing	Sales Tax	Borrowing	Grants
Desired	$300,000	$150,000	$0	$0	$150,000

Projects should be ranked for the next fiscal year only. Projects for years 2-5 are placeholders.

Department Head Recommended Ranking	Committee Approved Ranking
N/A	N/A

Project Description and Justification

The Chippewa County Comprehensive Forest Plan, as adopted by the County Board, establishes public policy to routinely evaluate and consider additions to the County Forest, that are cost effective and in the long term public interest.

Strategic additions to the County Forest and recreational land base, will allow for increased annual timber harvest and additional public recreational opportunities.

These capital additions will be of long term value and provide direct benefit to area residents, taxpayers, the forest products industry and the tourism industry.

The request meets the County strategic plan objective to “Manage and protect the County’s natural resources for the future including water, forests, etc.” and the Chippewa County Land & Water Resource Management Plan (July 2009) Land Management objectives.

The allocation of capital will likely generate matching funds. The State has recently created a special fund within the Knowles-Nelson Stewardship Fund that is dedicated to providing matching grants for County Forest Acquisitions. This dedicated state fund will enhance the County’s opportunity to acquire select parcels of high public value.

The amount of land within the County Forest Blocking Boundary offered for sale by private landowners consistently exceeds the amount of capital available to acquire the land. Offers are reviewed and evaluated by the Land Conservation & Forest Management as funds become available.

Additional Action and/or Comments from Committee

Submitted by: _____ Date: _____

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Capital Improvement Program (CIP) Justification Form

Budget Year	Department Name	Project Name
2024	LCFM	Upgrade GPS/Total Station Survey & CAD Technology

Priority	Total Expenditure	Source of Funding			
		Fund Balance / Non-Lapsing	Sales Tax	Borrowing	Grants
Desired	$50,000	$0	$50,000	$0	$0

Projects should be ranked for the next fiscal year only. Projects for years 2-5 are placeholders.

Department Head Recommended Ranking	Committee Approved Ranking
N/A	N/A

Project Description and Justification

The LCFM administers a broad range of conservation programs and environmental regulations.

To do so, the Department makes extensive use of a global position system (GPS), engineering total station survey, and computer aided design (CAD) technology.

The existing equipment and associated software must be periodically updated to be supported by the manufacturer.

The CIP project will be used to finance and schedule a planned upgrade.

This allocation will allow the County to pursue an earlier Chippewa County Strategic Goal to provide a safe, healthy, and prosperous environment for Chippewa County residents by managing and protecting the County's natural resource base for the future.

Additional Action and/or Comments from Committee

Submitted by: _____ Date: _____

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Attachment: CIP 2023-2027 (6869 : Consider and Rank LCFM CIP Projects (2023-2027))

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Capital Improvement Program (CIP) Justification Form

Budget Year	Department Name	Project Name
2025	LCFM	County Stewardship Fund

Priority	Total Expenditure	Source of Funding			
		Fund Balance / Non-Lapsing	Sales Tax	Borrowing	Grants
Desired	$100,000	$100,000	$0	$0	$0

Projects should be ranked for the next fiscal year only. Projects for years 2-5 are placeholders.

Department Head Recommended Ranking	Committee Approved Ranking
N/A	N/A

Project Description and Justification

The Chippewa County Board (through Resolution 76-98) created the Chippewa County Stewardship Fund in 1998 to provide a stable source of matching grant funds to assist landowners, municipalities, and non-profit organizations to meet local conservation objectives in Chippewa Co.

Section 3.1 of the "Chippewa County Stewardship Fund Policy & Procedures for Program Administration", (adopted through Resolution 89-99) states "The County Stewardship Fund will be established as a nonlapsing special revenue fund with partial proceeds available from the County Sales Tax and other funding sources, including public grants, private contributions, service or development fees, and other sources of revenue deemed appropriate by the County."

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The request for continued sales tax financing supports the state goals & objectives of the Chippewa Co. Strategic Plan (2011) to "Coordinate and collaborate with government entities at all levels to ensure effective government services" and to "Provide a safe, healthy, and prosperous environment for Chippewa Co. employees, clientele, and citizens". The request also supports the stated Land Management Objective of the Chippewa Co. Land & Water Resource Mgt. Plan (2015), to "Protect areas of special environmental, natural resource, or open space significance, (Wisconsin Stats. 91.57)".

Additional Action and/or Comments from Committee

Submitted by: _____ Date: _____

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Capital Improvement Program (CIP) Justification Form

Budget Year	Department Name	Project Name
2025	LCFM	SNOWMOBILE BRIDGE - TBD

Priority	Total Expenditure	Source of Funding			
		Fund Balance / Non-Lapsing	Sales Tax	Borrowing	Grants
Desired	$120,000	$0	$0	$0	$120,000

Projects should be ranked for the next fiscal year only. Projects for years 2-5 are placeholders.

Department Head Recommended Ranking	Committee Approved Ranking
N/A	N/A

Project Description and Justification

Planned snowmobile TBD bridge.

Bridge grants are requested in March of each year at the request of CVSO, and are paid 100% by WIDNR Grant monies; bridges are identified as needing repair or replacement on an as-needed basis.

Additional Action and/or Comments from Committee

Submitted by: _____ Date: _____

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Capital Improvement Program (CIP) Justification Form

Budget Year	Department Name	Project Name
2025	LCFM	County Forest Land Acquisitions

Priority	Total Expenditure	Source of Funding			
		Fund Balance / Non-Lapsing	Sales Tax	Borrowing	Grants
Desired	$300,000	$150,000	$0	$0	$150,000

Projects should be ranked for the next fiscal year only. Projects for years 2-5 are placeholders.

Department Head Recommended Ranking	Committee Approved Ranking
N/A	N/A

Project Description and Justification

The Chippewa County Comprehensive Forest Plan, as adopted by the County Board, establishes public policy to routinely evaluate and consider additions to the County Forest, that are cost effective and in the long term public interest.

Strategic additions to the County Forest and recreational land base, will allow for increased annual timber harvest and additional public recreational opportunities.

These capital additions will be of long term value and provide direct benefit to area residents, taxpayers, the forest products industry and the tourism industry.

The request meets the County strategic plan objective to “Manage and protect the County’s natural resources for the future including water, forests, etc.” and the Chippewa County Land & Water Resource Management Plan (July 2009) Land Management objectives.

The allocation of capital will likely generate matching funds. The State has recently created a special fund within the Knowles-Nelson Stewardship Fund that is dedicated to providing matching grants for County Forest Acquisitions. This dedicated state fund will enhance the County’s opportunity to acquire select parcels of high public value.

The amount of land within the County Forest Blocking Boundary offered for sale by private landowners consistently exceeds the amount of capital available to acquire the land. Offers are reviewed and evaluated by the Land Conservation & Forest Management as funds become available.

Additional Action and/or Comments from Committee

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Capital Improvement Program (CIP) Justification Form

Budget Year	Department Name	Project Name
2026	LCFM	County Stewardship Fund

Priority	Total Expenditure	Source of Funding			
		Fund Balance / Non-Lapsing	Sales Tax	Borrowing	Grants
Desired	$100,000	$100,000	$0	$0	$0

Projects should be ranked for the next fiscal year only. Projects for years 2-5 are placeholders.

Department Head Recommended Ranking	Committee Approved Ranking
N/A	N/A

Project Description and Justification

The Chippewa County Board (through Resolution 76-98) created the Chippewa County Stewardship Fund in 1998 to provide a stable source of matching grant funds to assist landowners, municipalities, and non-profit organizations to meet local conservation objectives in Chippewa Co.

Section 3.1 of the "Chippewa County Stewardship Fund Policy & Procedures for Program Administration", (adopted through Resolution 89-99) states "The County Stewardship Fund will be established as a nonlapsing special revenue fund with partial proceeds available from the County Sales Tax and other funding sources, including public grants, private contributions, service or development fees, and other sources of revenue deemed appropriate by the County."

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Under the program, all sites are protected by conservation easements and are required to have permanent public access for outdoor recreation. Unless added to the County Forest system, all sites are managed by other organizations or agencies resulting in no custodial costs to the Co. Given current development trends & associated pressures on land resources, there is an inherent need to maintain the County's resource conservation efforts. This accelerated need comes at a time when traditional revenue sources are being reduced or eliminated.

The request for continued sales tax financing supports the state goals & objectives of the Chippewa Co. Strategic Plan (2011) to "Coordinate and collaborate with government entities at all levels to ensure effective government services" and to "Provide a safe, healthy, and prosperous environment for Chippewa Co. employees, clientele, and citizens". The request also supports the stated Land Management Objective of the Chippewa Co. Land & Water Resource Mgt. Plan (2015), to "Protect areas of special environmental, natural resource, or open space significance, (Wisconsin Stats. 91.57)".

Additional Action and/or Comments from Committee

Submitted by: _____ Date: _____

Completed forms should be reviewed with the policy committees and then submitted to the County Administrator's office.

Attachment: CIP 2023-2027 (6869 : Consider and Rank LCFM CIP Projects (2023-2027))

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Capital Improvement Program (CIP) Justification Form

Budget Year	Department Name	Project Name
2026	LCFM	SNOWMOBILE BRIDGE - TBD

Priority	Total Expenditure	Source of Funding			
		Fund Balance / Non-Lapsing	Sales Tax	Borrowing	Grants
Desired	$120,000	$0	$0	$0	$120,000

Projects should be ranked for the next fiscal year only. Projects for years 2-5 are placeholders.

Department Head Recommended Ranking	Committee Approved Ranking
N/A	N/A

Project Description and Justification

Planned snowmobile TBD bridge.

Bridge grants are requested in March of each year at the request of CVSO, and are paid 100% by WIDNR Grant monies; bridges are identified as needing repair or replacement on an as-needed basis.

Additional Action and/or Comments from Committee

Submitted by: _____ Date: _____

Completed forms should be reviewed with the policy committees and then submitted to the County Administrator's office.

Attachment: CIP 2023-2027 (6869 : Consider and Rank LCFM CIP Projects (2023-2027))

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Capital Improvement Program (CIP) Justification Form

Budget Year	Department Name	Project Name
2026	LCFM	County Forest Land Acquisitions

Priority	Total Expenditure	Source of Funding			
		Fund Balance / Non-Lapsing	Sales Tax	Borrowing	Grants
Desired	$300,000	$150,000	$0	$0	$150,000

Projects should be ranked for the next fiscal year only. Projects for years 2-5 are placeholders.

Department Head Recommended Ranking	Committee Approved Ranking
N/A	N/A

Project Description and Justification

The Chippewa County Comprehensive Forest Plan, as adopted by the County Board, establishes public policy to routinely evaluate and consider additions to the County Forest, that are cost effective and in the long term public interest.

Strategic additions to the County Forest and recreational land base, will allow for increased annual timber harvest and additional public recreational opportunities.

These capital additions will be of long term value and provide direct benefit to area residents, taxpayers, the forest products industry and the tourism industry.

The request meets the County strategic plan objective to “Manage and protect the County’s natural resources for the future including water, forests, etc.” and the Chippewa County Land & Water Resource Management Plan (July 2009) Land Management objectives.

The allocation of capital will likely generate matching funds. The State has recently created a special fund within the Knowles-Nelson Stewardship Fund that is dedicated to providing matching grants for County Forest Acquisitions. This dedicated state fund will enhance the County’s opportunity to acquire select parcels of high public value.

The amount of land within the County Forest Blocking Boundary offered for sale by private landowners consistently exceeds the amount of capital available to acquire the land. Offers are reviewed and evaluated by the Land Conservation & Forest Management as funds become available.

Additional Action and/or Comments from Committee

Submitted by: _____ Date: _____

Completed forms should be reviewed with the policy committees and then submitted to the County Administrator’s office.

Attachment: CIP 2023-2027 (6869 : Consider and Rank LCFM CIP Projects (2023-2027))

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Est. 1848
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Appendix DOA-304-A

Capital Improvement Program (CIP) Justification Form

Budget Year	Department Name	Project Name
2027	LCFM	County Stewardship Fund

Priority	Total Expenditure	Source of Funding			
		Fund Balance / Non-Lapsing	Sales Tax	Borrowing	Grants
Desired	$100,000	$100,000	$0	$0	$0

Projects should be ranked for the next fiscal year only. Projects for years 2-5 are placeholders.

Department Head Recommended Ranking	Committee Approved Ranking
N/A	N/A

Project Description and Justification

The Chippewa County Board (through Resolution 76-98) created the Chippewa County Stewardship Fund in 1998 to provide a stable source of matching grant funds to assist landowners, municipalities, and non-profit organizations to meet local conservation objectives in Chippewa Co.

Section 3.1 of the "Chippewa County Stewardship Fund Policy & Procedures for Program Administration", (adopted through Resolution 89-99) states "The County Stewardship Fund will be established as a nonlapsing special revenue fund with partial proceeds available from the County Sales Tax and other funding sources, including public grants, private contributions, service or development fees, and other sources of revenue deemed appropriate by the County."

Since the inception of the program, 16 projects have been sponsored by the community resulting in the permanent protection of more than 2100 acres of land having high conservation and recreational value. The Stewardship Fund has been well received by the community and proves to be a cost effective way of meeting the County's long term land conservation and outdoor recreational needs. Since 1998, nearly $500,000 in sales tax match grants have been awarded. Using donations and principals of leveraging, every $1 of County sales tax funds have been matched by $6.00 in outside funding.

Under the program, all sites are protected by conservation easements and are required to have permanent public access for outdoor recreation. Unless added to the County Forest system, all sites are managed by other organizations or agencies resulting in no custodial costs to the Co. Given current development trends & associated pressures on land resources, there is an inherent need to maintain the County's resource conservation efforts. This accelerated need comes at a time when traditional revenue sources are being reduced or eliminated.

The request for continued sales tax financing supports the state goals & objectives of the Chippewa Co. Strategic Plan (2011) to "Coordinate and collaborate with government entities at all levels to ensure effective government services" and to "Provide a safe, healthy, and prosperous environment for Chippewa Co. employees, clientele, and citizens". The request also supports the stated Land Management Objective of the Chippewa Co. Land & Water Resource Mgt. Plan (2015), to "Protect areas of special environmental, natural resource, or open space significance, (Wisconsin Stats. 91.57)".

Additional Action and/or Comments from Committee

Submitted by: _____ Date: _____

Completed forms should be reviewed with the policy committees and then submitted to the County Administrator's office.

Attachment: CIP 2023-2027 (6869 : Consider and Rank LCFM CIP Projects (2023-2027))

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Appendix DOA-304-A

Capital Improvement Program (CIP) Justification Form

Budget Year	Department Name	Project Name
2027	LCFM	SNOWMOBILE BRIDGE - TBD

Priority	Total Expenditure	Source of Funding			
		Fund Balance / Non-Lapsing	Sales Tax	Borrowing	Grants
Desired	$120,000	$0	$0	$0	$120,000

Projects should be ranked for the next fiscal year only. Projects for years 2-5 are placeholders.

Department Head Recommended Ranking	Committee Approved Ranking
N/A	N/A

Project Description and Justification

Planned snowmobile TBD bridge.

Bridge grants are requested in March of each year at the request of CVSO, and are paid 100% by WIDNR Grant monies; bridges are identified as needing repair or replacement on an as-needed basis.

Additional Action and/or Comments from Committee

Submitted by: _____ Date: _____

Completed forms should be reviewed with the policy committees and then submitted to the County Administrator's office.

Attachment: CIP 2023-2027 (6869 : Consider and Rank LCFM CIP Projects (2023-2027))

CHIPPEWACOUNTY
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Appendix DOA-304-A

Capital Improvement Program (CIP) Justification Form

Budget Year	Department Name	Project Name
2027	LCFM	County Forest Land Acquisitions

Priority	Total Expenditure	Source of Funding			
		Fund Balance / Non-Lapsing	Sales Tax	Borrowing	Grants
Desired	$300,000	$150,000	$0	$0	$150,000

Projects should be ranked for the next fiscal year only. Projects for years 2-5 are placeholders.

Department Head Recommended Ranking	Committee Approved Ranking
N/A	N/A

Project Description and Justification

The Chippewa County Comprehensive Forest Plan, as adopted by the County Board, establishes public policy to routinely evaluate and consider additions to the County Forest, that are cost effective and in the long term public interest.

Strategic additions to the County Forest and recreational land base, will allow for increased annual timber harvest and additional public recreational opportunities.

These capital additions will be of long term value and provide direct benefit to area residents, taxpayers, the forest products industry and the tourism industry.

The request meets the County strategic plan objective to “Manage and protect the County’s natural resources for the future including water, forests, etc.” and the Chippewa County Land & Water Resource Management Plan (July 2009) Land Management objectives.

The allocation of capital will likely generate matching funds. The State has recently created a special fund within the Knowles-Nelson Stewardship Fund that is dedicated to providing matching grants for County Forest Acquisitions. This dedicated state fund will enhance the County’s opportunity to acquire select parcels of high public value.

The amount of land within the County Forest Blocking Boundary offered for sale by private landowners consistently exceeds the amount of capital available to acquire the land. Offers are reviewed and evaluated by the Land Conservation & Forest Management as funds become available.

Additional Action and/or Comments from Committee

Submitted by: _____ Date: _____

Completed forms should be reviewed with the policy committees and then submitted to the County Administrator’s office.

Attachment: CIP 2023-2027 (6869 : Consider and Rank LCFM CIP Projects (2023-2027))

STATEMENT OF EXPLANATION
AMENDMENT TO COOPERATIVE AGREEMENT BETWEEN CHIPPEWA COUNTY & THE LAKE WISSOTA IMPROVEMENT & PROTECTION ASSOCIATION TO ADMINISTER THE LAKE WISSOTA STEWARDSHIP PROJECT (LWSP)

The Lake Wissota Stewardship Project (LWSP) is a community based watershed and lake improvement initiative that has been co-sponsored through time by the Jacob Leinenkugel Brewing Company, the Lake Wissota Improvement & Protection Association, and the Chippewa County Land Conservation & Forest Management Committee.

The project was initiated in 2009 as a pilot project to encourage water conservation and improve the water quality of Little Lake Wissota.

Under the project, technical and financial assistance are provided to landowners in the contributing watersheds to encourage the adoption of best management practices to control runoff and reduce nonpoint source pollutant loads.

The project is unique in that it is community driven and is funded from a combination of private and public sources, including corporate and business contributions, private donations, and state and federal grants.

On 10/18/17, the LCFM Committee approved a resolution to expand and extend the pilot project to include Moon Bay of Lake Wissota and the Yellow River basin.

This resolution authorized implementation of the Lake Wissota Stewardship Project, and provided authority to approve cooperative agreements with the Lake Wissota Improvement & Protection Association (LWIPA) and the Community Foundation.

The cooperative agreement between the LWIPA and Chippewa County was signed on 10/24/17 and is set to expire 12/31/22.

On 6/14/19, the County Board adopted the Chippewa County Land & Water Resource Management Plan.

One of the planned objectives and actions under Sec. 8.5 of that plan is: "With the Lake Wissota Improvement & Protection Association, administer the Lake Wissota Stewardship Project as the water resource management mechanism to account for, reduce, and monitor point and nonpoint source pollutant loads to Little Lake Wissota, and to meet any established TMD pollution load reduction goals and water quality management objectives for Moon Bay of Lake Wissota".

On 2/1/21, the LWIPA submitted correspondence to R. Scholz (Co. Admininstrator) requesting an extension to the agreement.

In support of that request, the LWIPA has prepared a conceptual proposal to apply a rolling

three (3) year contract extension that would serve to provide stability, and allow for a soft close to the project, using a three (3) year close out window.

On 9/15/21, an oral report was presented to the Committee to introduce the request.

At that meeting, a Power Point report was also presented to provide a general overview of the project with a focus on project structure, funding sources, and 2021 accomplishments.

On 10/20/2021, a more detailed Power Point report was presented that focused on the project structure, the procedures used to track time, products deliverable, and the type and location of conservation practices being installed by project participants.

On 11/17/21, an oral report was presented to the Committee to review the specific terms of a proposal to apply a rolling three (3) year contract extension to pursue planned program objectives, and to facilitate a soft close to the project, using a three (3) year close out window.

On 12/15/21, the Committee took action to support the concept of the rolling three (3) year concept, subject to annual review and renewal.

On 12/20/21, the Department received notice from the County's contracted service provider that the project management service contract would not be renewed for 2022.

In response to that notice, the Department worked with the County DOA team to determine and to evaluate options to maintain services.

On 1/12/22, the Department met with the Lake Association to present and solicit feedback on the changes to the existing agreement, as proposed, to both implement the rolling three (3) year contract and to maintain services in the absence of a contracted service provider.

On 1/19/22, the Committee took action to follow through with points of agreement, as discussed, and that Corporation Counsel and the County Administrator will incorporate these defined concepts into the amended agreement for final review.

This agenda item will be used to present these changes and to solicit conceptual feedback from the LCFM Committee, in the interest of gaining concurrence, so that an agreement can be finalized and executed.

Draft LCFM 9/20/17

COOPERATIVE AGREEMENT BETWEEN THE LAKE WISSOTA IMPROVEMENT & PROTECTION ASSOCIATION AND THE CHIPPEWA COUNTY LAND CONSERVATION & FOREST MANAGEMENT COMMITTEE TO IMPLEMENT THE LAKE WISSOTA STEWARDSHIP PROJECT

I. PARTIES

This Cooperative Agreement, hereinafter referred to as "Agreement," is made and entered into between the **Lake Wissota Improvement & Protection Association (LWIPA)** and the **Chippewa County Land Conservation & Forest Management Committee (LCFM),** acting as the County Land Conservation Committee under WI Stats., Chapter 92.

It is the intent of **LWIPA and LCFM** to use and amend this agreement to add other corporations, businesses, public agencies and non-profit conservation organizations that may wish to contribute to the project.

All additional signators are by addendum, and hereinafter referred to individually as "Party" and collectively as the "Lake Wissota Stewardship Project Sponsors (LWSPS)."

II. TERM OF AGREEMENT

This Agreement is entered into pursuant to Wis. Stat. §92.07(7) to specify the responsibilities of the **LWIPA and LCFM** in the implementation of the Lake Wissota Stewardship Project during the term of this Agreement. This Agreement shall commence upon signing and continue through December 31, 2022.

This agreement can be renewed and extended at any time during the term of the agreement upon mutual written consent of both parties.

The **LWIPA and LCFM** will implement this agreement within the limits of available resources using an annual work planning and budgeting process.

In the event that **LWIPA, LCFM** or any Party determines that it is in their best interest to terminate participation in this cooperative agreement they may do so by sending written correspondence to all signators indicating its desire to terminate participation in this Agreement.

Attachment: 2017 LWIPA Agreement (6866 : Amendment to Cooperative Agreement Between Chippewa County & the LWIPA to Implement

In the event that **LWIPA, LCFM** or any Party withdraws and terminates its participation in this Agreement, they shall be responsible for their financial contribution under Sections IV & V with regard to this Agreement until December 31 of the year they withdraw. No partial refund based on the date of the withdrawal shall be given.

III. PURPOSE OF AGREEMENT

The purpose of this Agreement is to establish the roles and responsibilities of the **LWIPA** and the Chippewa County **LCFM** as required to implement the Lake Wissota Stewardship Project. This Agreement provides the framework for establishing annual goals, work plans and budgets.

IV. DUTIES

As lead sponsors of the LWSP, the **LWIPA** and **LCFM** shall facilitate structured communication among project sponsors and co-host project oversight meetings during the term of the agreement.

These meetings will be scheduled on an annual basis to allow the project sponsors to systematically evaluate the progress toward meeting community and environmental objectives, as measured using established performance measures.

These project oversight meetings will be held independent of regularly scheduled project implementation team meetings, as referenced in Sec. IV. B & C of this agreement.

A. The parties to the agreement will:

1. Implement a watershed and water quality improvement and protection project that will focus on Little Lake Wissota and Moon Bay of the Yellow River, following the lake and watershed business model developed through the Little Lake Wissota Project (2009-2017).

2. Before December 31, 2017, complete administrative actions to establish a pass-through fund with the Community Foundation of Chippewa County to facilitate community contributions to the project; and the transfer of available funds that have been donated through the Little Lake Wissota Stewardship Project.

3. Participate in a joint annual work planning, budgeting, and project evaluation process.

4. Using the results of that process, evaluate and individually determine the extent of support that can be offered to the project on an annual basis.

Attachment: 2017 LWIPA Agreement (6866 : Amendment to Cooperative Agreement Between Chippewa County & the LWIPA to Implement

5. Allocate staff or financial resources, as authorized by the contributing party, to implement the Lake Wissota Stewardship Project.

   Specific levels of annual commitment, including staff assignments, hours of staff time, direct financial commitments, and in-kind services shall be documented in a joint annual work plan and schedule of product deliverables. The schedule of product deliverables will include an outline of all meetings, events, and activities planned to advance the goals and objectives of the project.

B. <u>Lake Wissota Improvement & Protection Association agrees to be the lead organization. To carry out this responsibility LWIPA agrees to:</u>

1. Commit $50,000/yr. over a period of five (5) years to provide baseline funding that will be allocated to secure a qualified service provider who will be contracted to lead and manage the project.

2. Co-sponsor the Lake Wissota Stewardship Project Implementation Team. The Implementation Team will meet monthly and more frequently as needed, to:
   a) implement a project plan and associated multi-year activity schedule,
   b) review project accomplishments and
   c) recommend adjustments to the project plan and activity schedule to optimize available resources.

3. Encourage the participation by other corporations, businesses, public agencies, non-profit conservation organizations and members of the community.

4. Assist in promotional efforts and encourage community support.

5. Participate in the development and implementation of a community outreach and education program to increase public awareness of the project, support water stewardship and to improve the water quality of Lake Wissota.

6. Provide recognition to landowners and groups who have agreed to participate in the project.

Attachment: 2017 LWIPA Agreement (6866 : Amendment to Cooperative Agreement Between Chippewa County & the LWIPA to Implement

C. **The Chippewa County Land Conservation & Forest Management Committee agrees to be the lead public agency. To carry out this responsibility the LCFM agrees to assign staff from the Department of Land Conservation & Forest Management to:**

1. Target available resources during the term of this five (5) year agreement to; maintain the current watershed management efforts for Little Lake Wissota, conduct watershed inventories and associated planning efforts for Moon Bay and actively pursue public and private funds to support voluntary conservation efforts in both the Little Lake Wissota and Yellow River Basins.

2. Co-sponsor the Lake Wissota Stewardship Project Implementation Team. The Implementation Team will meet monthly, and more frequently as needed, to:
   a) implement a project plan and associated multi-year activity schedule.
   b) review project accomplishments, and
   c) recommend adjustments to the project plan and activity schedule to optimize available resources.

3. Develop and manage an annual project budget.

4. Apply for and manage public and private grants to further advance the project objectives.

5. Participate in the development and implementation of a community outreach and education program to increase public awareness of the project, support water stewardship and to improve the water quality of Lake Wissota.

6. Systematically contact landowners to explain project opportunities and solicit participation in the project.

7. Provide technical assistance to:
   a) evaluate sites and identify best management practices.
   b) prepare contracts, conservation plans, and conservation easements.
   c) calculate site specific environmental benefits associated with the installation of best management practice including phosphorus, nitrogen and sediment load reduction, changes in watershed hydrology and groundwater recharge and ecological benefits to the watershed.
   d) survey sites, design best management practices, and develop cost estimates.
   e) stake and supervise the installation of the best management practices.

Attachment: 2017 LWIPA Agreement (6866 : Amendment to Cooperative Agreement Between Chippewa County & the LWIPA to Implement

f) monument easement sites and monitor conservation easements for compliance.

8. Implement the project monitoring component by tracking environmental benefits and maintaining a GIS data base of participants.

9. Prepare an annual report for the **LWIPA** the Land Conservation & Forest Management Committee **(LCFM),** and other project sponsors. The report will evaluate and track progress, summarize environmental benefits and outline project costs.

10. Before March 1, 2018, develop, secure, and supervise a technical service contract with a third party service provider who will be contracted to lead and implement the project.

11. Before June 1, 2018, complete and submit to DNR a completed EPA Nine Key Element Plan for Little Lake Wissota and its contributing watershed.

12 Before June 1, 2018, initiate a planning process, with public participation, to develop an EPA Nine Key Element Plan for the Moon Bay and the following contributing HUC 12 Watersheds 070500050301, 070500050302, 070500050303, 070500050304, 070500050305, and 070500050308.

13. Before June 1, 2018, assess interest and explore the creation of a farmer-led watershed council to encourage and support conservation efforts in the project area.

14. Before Ocrtober 1, 2019, complete and submit to DNR a completed EPA Nine Key Element Plan for the Moon Bay and contributing watersheds.

V. BUDGET

An annual project budget will be used to implement a multi-year activity schedule using available financial resources. The budget will be prepared as part of the annual County budget process.

Budget expenditures and revenue will be monitored throughout the year by the County and summarized in an annual report.

Attachment: 2017 LWIPA Agreement (6866 : Amendment to Cooperative Agreement Between Chippewa County & the LWIPA to Implement

VI. LIAISONS

For **LWIPA**:
Mary Jo Fleming President, 18790 54th Avenue, Chippewa Falls, WI 54729, (715) 723-0822

For Chippewa County **LCFM**:
Department Director/County Conservationist, Department of Land Conservation & Forest Management, 711 N Bridge Street, Chippewa Falls, WI 54729, (715) 726-7920.

VII. NOTICES

Notices required or deemed advisable under this Agreement shall be placed in writing and delivered personally or by registered or certified mail upon LWIPA Mary Jo Fleming President, 18790 54th Avenue, Chippewa Falls, WI 54729, (715) 723-0822 and upon Chippewa County to: Department Director/County Conservationist, Department of Land Conservation & Forest Management, 711 N Bridge Street, Chippewa Falls, WI 54729, (715) 726-7920.

VIII. INSURANCE

Each party to this Agreement shall maintain its own liability insurance sufficient to insure against the risks arising from each party's responsibilities under this Agreement.

IX. MUTUAL INDEMNIFICATION

The parties agree fully to indemnify and hold one another harmless from and against all claims, actions, judgments, costs, and expenses, arising out of damages or injuries to third persons or their property, caused by the fault or negligence of the said party, its agents, or employees, in the performance of this Agreement. The parties shall give to each other prompt and reasonable notice of any such claims or actions and the other party shall have the right to investigate, compromise, and defend the same.

X. WAIVER OF BREACHES

No waiver of any breaches of this Agreement shall be held to be a waiver of any other or any subsequent breaches. All remedies afforded in this Agreement shall be considered to be cumulative and in addition to any other remedies provided by law.

XI. APPLICABLE LAW

This Agreement shall be governed under the laws of the State of Wisconsin and is made at Chippewa County, Wisconsin, and venue for any legal action to enforce the terms of this Agreement shall be in Chippewa County Circuit Court.

XII. SECTION HEADINGS

The headings of the several sections, and any table of contents appended hereto, shall be solely for convenience of reference and shall not affect the meaning, construction or effect hereof.

Attachment: 2017 LWIPA Agreement (6866 : Amendment to Cooperative Agreement Between Chippewa County & the LWIPA to Implement

XIII. NON-ASSIGNMENT OF AGREEMENT

The parties agree that there shall be no assignment or transfer of this Agreement, nor of any interests, rights or responsibilities herein contained, except as agreed to in writing.

XIV. MODIFICATIONS TO AGREEMENT

There shall be no modifications to this Agreement, except in writing, signed by both parties.

XV. INTEGRATION OF AGREEMENT

The entire agreement of the parties is contained herein, and this Agreement supersedes all previous agreements, whether written or oral and all negotiations as well as any previous agreements presently in effect between Lake Wissota Improvement & Protection Association and Chippewa County relating to the subject matter.

Both parties hereto having read and understood the entirety of this Agreement consisting of seven (7) typewritten pages hereby affix their duly authorized signatures.

LAKE WISSOTA IMPROVEMENT & PROTECTION ASSOCIATION BY:

Mary Jo Fleming, President — Date: 10/24/17

CHIPPEWA COUNTY BY:

Frank Pascarella, County Administrator — Date: 10/23/17

Dan Masterpole, Department Director/County Conservationist — Date: 10/24/17

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Attachment: 2017 LWIPA Agreement (6866 : Amendment to Cooperative Agreement Between Chippewa County & the LWIPA to Implement

DRAFT 030922

FIRST AMENDMENT TO COOPERATIVE AGREEMENT BETWEEN THE LAKE WISSOTA IMPROVEMENT & PROTECTION ASSOCIATION AND THE CHIPPEWA COUNTY LAND CONSERVATION & FOREST MANAGEMENT COMMITTEE TO IMPLEMENT THE LAKE WISSOTA STEWARDSHIP PROJECT

WHEREAS, This First Amendment to Cooperative Agreement Between the Lake Wissota Improvement & Protection Association ("LWIPA") and the Chippewa County Land Conservation & Forest Management Committee ("LCFM") to Implement the Lake Wissota Stewardship Project (the "First Amendment") is entered into by the LWIPA and the LCFM as of the date of the last executed signature below; and

WHEREAS, the LWIPA and the LCFM are parties to that certain Cooperative Agreement identified above and dated October 24, 2017 (the "Agreement"), a copy of which is attached hereto and incorporated herein; and

WHEREAS, the LWIPA and the LCFM desire to modify and amend the Agreement as provided for specifically in this First Amendment;

NOW, THEREFORE, in consideration of the premises and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, it is hereby agreed by the LWIPA and LCFM as follows:

A. Amendment to the Agreement. It is hereby agreed and understood by the LWIPA and LCFM that the Agreement shall be amended as follows:

1. The following language in Article II – TERM OF AGREEMENT shall be deleted and inserted (as indicated in red):

II. TERM OF AGREEMENT

This Agreement is entered into pursuant to Wis. Stat. §92.07(7) to specify the responsibilities of the **LWIPA and LCFM** in the implementation of the Lake Wissota Stewardship Project during the term of this Agreement. This Agreement shall commence upon signing and continue through December 31, 2024~~2~~ ("Term").

This Agreement may be extended for one year terms, beginning with the year 2025 ("Extension Term"), upon written mutual agreement of the **LWIPA** and **LCFM**. Any mutually agreed upon Extension Term to this Agreement shall be executed by the **LWIPA** and **LCFM** in the form of an amendment to this Agreement no later than March 31 of the year that is two (2) years prior to the year that is the mutually agreed upon Extension Term. For example, if the Extension Term is the year 2025, an amendment to this agreement shall be executed by the **LWIPA** and **LCFM** no later than March 31, 2023. ~~This agreement can be renewed and extended at any time during the term of the~~

Attachment: First Amendment to Lake Wissota Coop Agmt - Draft TAP 030922 (6866 : Amendment to Cooperative Agreement Between

~~agreement upon mutual written consent of both parties.~~

2. The following language in Article IV. – DUTIES, Section B., and Section B., Subsection 1. shall be deleted and inserted (as indicated in red):

IV. DUTIES

B. The **LWIPA~~Lake Wissota Improvement & Protection Association~~ agrees to be the lead organization. To carry out this responsibility, LWIPA agrees to:**

1. Commit $50,000~~/yr.~~ per year ~~over a period of five (5) years~~ during the Term and any Extension Term of this Agreement to provide baseline funding that will be allocated to secure ~~a~~ qualified staff~~service provider who will be contracted~~ to lead, ~~and~~ manage and implement the project.

3. The following language in Article IV. – DUTIES, Section C., Subsections 1., 10., 11., 12., 13. and 14. shall be deleted and inserted (as indicated in red):

IV. DUTIES

C. The Chippewa County Land Conservation & Forest Management Committee agrees to be the lead public agency. To carry out this responsibility the LCFM agrees ~~to assign staff from the~~ that the Department of Land Conservation & Forest Management (the "Department") shall~~to~~:

1. Target available resources during the term of this ~~five (5) year~~ agreement to~~;~~ maintain and accelerate the current watershed management efforts for Little Lake Wissota~~, conduct watershed inventories~~ and ~~associated planning efforts for~~ Moon Bay of Lake Wissota, and actively pursue public and private funds to support voluntary conservation efforts in both the Little Lake Wissota and Yellow River Basins.

10. ~~Before March 1, 2018, develop, secure, and supervise a technical service contract with a third party service provider~~ Assign a qualified project manager who will ~~be contracted to~~ lead and implement the project~~;~~. The Department may also assign one or more Department employees or limited term staff position(s) that will be dedicated to the project. The project manager and each of the Department employees or limited term staff positions assigned by the Department to the project shall document the individual project activities they work on and the time spent on each activity.

11. ~~Before June 1, 2018, complete and submit to DNR a completed EPA Nine Key Element Plan for Little Lake~~

Attachment: First Amendment to Lake Wissota Coop Agmt - Draft TAP 030922 (6866 : Amendment to Cooperative Agreement Between

~~Wissota and its contributing watershed.~~ Assess interest and explore the creation of a farmer-led watershed council to encourage and support soil and water conservation and nonpoint pollution control efforts in the project area.

12. ~~Before June 1, 2018, initiate a planning process, with public participation, to develop an EPA Nine Key Element Plan for the Moon Bay and the following contributing HUC 12 Watersheds 070500050301, 070500050302, 070500050303, 070500050304, 070500050305, and 070500050308.~~ Systematically implement the EPA Nine Key Element Plans for Little Lake Wissota and Moon Bay of Lake Wissota to reduce nonpoint pollution from the following contributing HUC 12 watersheds: 070500050103, 070500050206, 070500050207, and 070500060105, 070500050301, 070500050302, 070500050303, 070500050304, 070500050305, 070500050306, 070500050307, and 070500050308.

~~13. Before June 1, 2018, assess interest and explore the creation of a farmer-led watershed council to encourage and support conservation efforts in the project area.~~

~~14. Before Ocrtober 1, 2019, complete and submit to DNR a completed EPA Nine Key Element Plan for the Moon Bay and contributing watersheds.~~

4. The following language in Article VI. – LIAISONS, Section C. shall be deleted and inserted (as indicated in red):

VI. LIAISONS

For **LWIPA**:
~~Mary Jo Fleming~~ President, P.O. Box 903~~18790 54th Avenue~~, Chippewa Falls, WI 54729.~~, (715) 723-0822~~

B. All other parts of the Agreement shall remain in full force and effect.

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[SIGNATURE PAGE BEGINS ON NEXT PAGE]

Attachment: First Amendment to Lake Wissota Coop Agmt - Draft TAP 030922 (6866 : Amendment to Cooperative Agreement Between

DRAFT 030922

SIGNATURE PAGE

Both parties hereto having read and understood the entirety of this Agreement consisting of four (4) typewritten pages hereby affix their duly authorized signatures.

LAKE WISSOTA IMPROVEMENT & PROTECTION ASSOCIATION:

By: _____ _____
Dick Barrackman, President Date

CHIPPEWA COUNTY:

By: _____ _____
Randy Scholz, County Administrator Date

By: _____ _____
Lynda Schweikert, LCFM Department Director/ Conservationist Date

Attachment: First Amendment to Lake Wissota Coop Agmt - Draft TAP 030922 (6866 : Amendment to Cooperative Agreement Between