

**GREEN LAKE COUNTY
DEPARTMENT OF HEALTH & HUMAN SERVICES**

**HEALTH & HUMAN
SERVICES**

571 County Road A

Green Lake WI 54941

VOICE: 920-294-4070

FAX: 920-294-4139

Email: glcdhhs@co.green-lake.wi.us



FOX RIVER INDUSTRIES

222 Leffert St.

PO Box 69

Berlin WI 54923-0069

VOICE: 920-361-3484

FAX: 920-361-1195

Email: fri@co.green-lake.wi.us

**Post Date:
7/5/2023**

**The following documents are included in the packet for Health Advisory
Committee Meeting held on Wednesday July 12, 2023.**

- July 12, 2023, Health Advisory Committee Meeting agenda.
- April 12, 2023, Health Advisory Committee Meeting Draft Minutes.
- Results from the well water testing with Land Conservation.
- 2023 Prioritized Health Needs.



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Health & Human Services Health Advisory Committee Meeting Notice

Date: July 12, 2023, Time 8:00 AM

**Green Lake County Government Center
571 County Rd A, Nurses Screening Room #1159, Green Lake WI**

AGENDA

**Committee
Members**

*Joan Blum
Pat Brandstetter
Nancy Hoffmann
Terri Mauel
Rachel Prellwitz
Abigail Puglisi, DO
Harley Reabe
DeAnn Thurmer*

1. Call to Order
2. Certification of Open Meeting Law
3. Pledge of Allegiance
4. Minutes (4/12/2023)
5. Environmental Health Update
 - Water Testing Program Update with Land Con.
6. Wisconsin WINS update – Lauren Olson
7. Community Health Assessment/CHIP update- Lauren Olson
8. Public Health updates
9. Quarterly Health Unit Report
10. Opioid Fatality Review
11. Committee Discussion
 - Future Meeting Date (October 11, 2023)
 - Future Agenda items for action & discussion
12. Adjourn

Virtual attendance at meetings is optional. If technical difficulties arise, there may be instances when remote access may be compromised. If there is a quorum attending in person, the meeting will proceed as scheduled.

This meeting will be conducted through in person attendance or audio/visual communication. Remote access can be obtained through the following link:

Join on your computer, mobile app or room device

Microsoft Teams meeting

Join on your computer, mobile app or room device

[Click here to join the meeting](#)

Meeting ID: 298 986 738 402

Passcode: qkdY7L

[Download Teams](#) | [Join on the web](#)

Or call in (audio only)

[+1 920-659-4195](tel:+19206594195),808671259# United States, Green Bay

Phone Conference ID: 808 671 259#

[Find a local number](#) | [Reset PIN](#)

Please note: Meeting area is accessible to the physically disabled. Anyone planning to attend who needs visual or audio assistance, should contact the County Clerk's Office, 294-4005, not later than 3 days before date of the meeting.

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THE FOLLOWING ARE THE OPEN MINUTES OF THE HEALTH & HUMAN SERVICES HEALTH ADVISORY COMMITTEE HELD VIA IN PERSON/ZOOM ON WEDNESDAY, April 12, 2023 AT 8:00 A.M.

MEMBERS PRESENT IN PERSON: Nancy Hoffman, Rachel Prellwitz, Abigail Puglisi, Pat Brandstetter, Joan Blume, and Harley Reabe.

MEMBERS PRESENT VIA TEAMS: None

OTHERS PRESENT IN PERSON: Lauren Olson, Chris Culotta

EXCUSED: Tammy Bending, DeAnn Thurmer

Call to Order: Hoffman called the meeting to order at 8:02 a.m.

Certification of Open Meeting Law: The requirements of the Open Meeting Law have been met.

The Pledge of Allegiance was recited.

Approval of Minutes: Motion/Second (Brandstetter/Reabe) to approve the minutes from January 18, 2023 Health Advisory Committee meeting with no additions or corrections, All Ayes Motion Carries.

140 Review Update: Chris Culotta, NE Region Division of Public Health Director, presented certificate of designation as a Level II health department in the state of Wisconsin. Chris also gave an overview of the Foundational Public Health Services. Discussion followed.

2023 Quarter 1 Environmental Health Update:

11 pre-inspections
47 routine inspections
2 Complaint investigations
19 water test kits were given in Q1
5 Housing inspections cases
3 Rabies/Quarantine cases

Partnering with Todd Morris from Land Conservation for groundwater testing program using ARPA funding for first 2 years. This is a continuation of the Well-water testing program with the Health Unit from 2019. Discussion Followed.

Community Health Assessment:

Initial Community Health Assessment meeting held on January 23rd with HCI Conduent to kick-start CHA process. HCI has helped us to develop surveys, collect and analyze data, as well as development of our CHIP. We have a steering committee that will oversee the CHA/CHIP process.

- Community Health Survey kicked off on March 8th both in online and paper forms. Paper surveys were distributed to all GL county libraries, mailed to all Amish households, and distributed out to focus groups we held. To date, we have received over 650 responses.
- Focus groups for Community Health Assessment held throughout the month of March. Locations included: Headstart, Boys and Girls Club, Manchester senior center, Princeton senior center, Dalton Midwives, Rivershores church, BHU staff/clients, and GLC inmates.

Strategic Plan:

Strategic Plan completed in partnership with Blue Door Consulting. Included in packet

Quarterly Report on Health Unit Activities:

- Health Unit has been awarded \$8,000 in funding that had been requested through the Alliance for WI Youth (AWY) for 2023 to provide additional support to our permanent drug drop box sites, increasing Naloxone (Narcan) education in the community, and supporting a community event in partnership with our Overdose Fatality Review Team. Discussion followed.
- First blood drive held on January 19th with the Community Blood Center. Weather did play a factor in the number of donors who showed up, but they were still able to collect 17 units of blood which has the potential to save 51 lives. Discussion followed.
- Hazard Vulnerability Assessment for Green Lake County completed with EM Gary Podoll on January 30th. Information collected will be submitted to our HERC (Healthcare Emergency Readiness Coalition) coordinator, Tracey Froiland.
- 3 staff (Rachel, Allison, and Nancy) attended Preparedness Training on January 31st at the Fox Valley Safety Training Center in Appleton. Course title: MGT403: Underserved Populations Preparedness Planning for Rural Responders and Volunteers. Course is DHS and FEMA-certified.
- Amish home visits were conducted on Tuesday, February 7th. 8 families visited, 10 vaccines given, 3 water tests performed, and 4 car seats provided. Discussion followed.
- Health Officer Rachel Prellwitz and Tri-County Environmental Health Specialist, Jessica Jungenberg taught a class on Human Health Hazards to Alliant Energy staff.

- Diabetes Fair to be held in November with Lions Club at Grace Lutheran Church in Berlin.
- Collaborating with BHU on Zero Suicide initiative. Completed initial self-study for grant application on March 6th.
- The Green Lake County Diabetes prevention program (DPP) has submitted their 1st 6 months of data to the CDC. The evaluation report shows that the program is on track to attain preliminary or full recognition, potentially in six months. This is important as it would allow the program to start the process of becoming a Medicare- DPP supplier, which would allow the program to bill for services, helping it to become a sustainable program.
 - We currently have 23 participants enrolled in 2 active cohorts, with a new cohort beginning on 4/18.
- Allison Krause is participating in a State PHEP work group/advisory committee. She is helping to develop the new PHEP plan template that will be used by all local/tribal health departments.

Opioid Fatality Review:

The Tri-County Overdose Fatality Review (OFR) team continues to meet and work toward efforts that promote education/prevention/recovery/harm reduction related to substance use. 10th case was reviewed in February. OFR is in the final year of the first grant from OD2A and are in the process of transitioning into another 5-year grant OFR is also looking at restructuring our team in order to gain better Tri-County data, recommendation and implementation practices.

- Planning for Tri-County Community OFR event to be held in July in Redgranite
 - Activities include: run/walk, speakers, music, food/beverages and raffles.

Wisconsin WINS:

Update on Wisconsin WINS program presented by Lauren Olson. Discussion followed.

Committee Discussion:. None

Future Meeting Date: The next Health Advisory Committee meeting will be held on Wednesday July 12, 2023 at 8:00 a.m.

Future Agenda Items: none

Adjournment: Hoffman adjourn the meeting at 8:56a.m.

Summary

UWEX Private Well Project

Green Lake

2023

6/16/2023

8:54 AM

Total Number Samples: 137

Sample Dates: 4/23/2023 to 4/24/2023

Reason for Test		Last Test (yr)		Problems		Treatment Sys		Depth (ft) Well		Casing	Water	Well Diam (in)	
Curious	84 %	Never	7 %	Color	11 %	Softener	73 %	... 25	1 %	<1%	16%	... 3	<1 %
Problems	5 %	< 1	2 %	Taste	7 %	R/O	12 %	26-50	1 %	9%	10%	4 - 9	55 %
Regular	13 %	1 - 2	8 %	Odor	11 %	Carb Filt	4 %	51-100	12%	16%	4%	10 - 18	<1 %
Required	0 %	2 - 5	25 %	Corr	1 %	Neutral	0 %	101-150	19%	8%	4%	18 +	<1 %
Bac Retest	0 %	5 - 10	13 %	Health	0 %	Part Filt	15 %	151-200	8%	1%	0%		
Disinfect	<1 %	10 +	9 %	Other	9 %	Iron Filt	6 %	201 ...	8%	4%	0%		
Infant...	3 %	Unk	31 %	None	57 %	Other	2 %						
Other	10 %												

pH

... 5.00	0	0 %
5.01 - 6.00	0	0 %
6.01 - 7.00	0	0 %
7.01 - 8.00	1	<1 %
8.01 - 9.00	135	99 %
9.01 ...	0	0 %
Avg: 8.33	for	136 Samples

Conductivity (umhos/cm)

... 100	0	0 %
101 - 250	4	3 %
251 - 500	22	16 %
501 - 750	73	54 %
751 - 1000	30	22 %
1001 ...	7	5 %
Avg: 654	for	136 Samples

Alkalinity (mg/L CaCO3)

... 50	0	0 %
51 - 100	1	<1 %
101 - 200	12	9 %
201 - 300	52	38 %
301 - 400	64	47 %
401 ...	7	5 %
Avg: 294	for	136 Samples

Total Hardness (mg/L CaCO3)

... 50	6	4 %
51 - 100	3	2 %
101 - 200	9	7 %
201 - 300	18	13 %
301 - 400	69	50 %
401 ...	32	23 %
Avg: 328	for	137 Samples

Nitrate (mg/L as N)

None Detected	39	28 %
... 2.0	19	14 %
2.1 - 5.0	26	19 %
5.1 - 10.0	31	23 %
10.1 - 20.0	18	13 %
20.1 ...	4	3 %
Avg: 4.9	for	137 Samples

Chloride (mg/L)

None Detected	0	0 %
... 10	55	40 %
11 - 50	63	46 %
51 - 100	16	12 %
101 - 200	2	1 %
201 ...	1	<1 %
Avg: 25.8	for	137 Samples

Saturation Index

... -3.0	0	0 %
-2.9 - -2.0	0	0 %
-1.9 - -1.0	1	<1 %
-0.9 - 0.0	7	5 %
0.1 - 1.0	80	59 %
1.1 ...	48	35 %
Avg: 0.9	for	136 Samples

Coliform Bacteria

Bact Samples	137
Pos Bacteria	9 7 %

E. coli Bacteria

E. coli Samples	9
Pos E. coli	0 0 %

Atrazine Screen* (ppb)

None Detected	0	%
... 0.3	0	%
0.4 - 1.0	0	%
1.1 - 2.0	0	%
2.1 - 3.0	0	%
3.1 ...	0	%
Avg:	for	0 Samples

*Triazine screen before June 2008, then Diaminochlorotriazine (DACT).

Summary

UWEX Private Well Project

Green Lake

2023

6/16/2023

8:54 AM

Total Number Samples: 137

Sample Dates: 4/23/2023 to 4/24/2023

Arsenic (mg/L)

None Detected	0	%
... 0.010	0	%
0.011 - 0.050	0	%
0.051 - 0.100	0	%
0.101 - 0.150	0	%
0.151 ...	0	%
Avg:	for	0 Samples

Calcium (mg/L)

None Detected	0	%
... 25	0	%
26 - 50	0	%
51 - 75	0	%
76 - 100	0	%
101 ...	0	%
Avg:	for	0 Samples

Copper (mg/L)

None Detected	0	%
... 0.130	0	%
0.131 - 0.500	0	%
0.501 - 0.900	0	%
0.901 - 1.300	0	%
1.301 ...	0	%
Avg:	for	0 Samples

Iron (mg/L)

None Detected	0	%
... 0.300	0	%
0.301 - 1.000	0	%
1.001 - 2.000	0	%
2.001 - 5.000	0	%
5.001 ...	0	%
Avg:	for	0 Samples

Potassium (mg/L)

None Detected	0	%
... 20	0	%
21 - 40	0	%
41 - 60	0	%
61 - 80	0	%
81 ...	0	%
Avg:	for	0 Samples

Magnesium (mg/L)

None Detected	0	%
... 20	0	%
21 - 40	0	%
41 - 60	0	%
61 - 80	0	%
81 ...	0	%
Avg:	for	0 Samples

Manganese (mg/L)

None Detected	0	%
... 0.050	0	%
0.051 - 0.300	0	%
0.301 - 0.500	0	%
0.501 - 1.000	0	%
1.001 ...	0	%
Avg:	for	0 Samples

Sodium (mg/L)

None Detected	0	%
... 25	0	%
26 - 50	0	%
51 - 75	0	%
76 - 100	0	%
101 ...	0	%
Avg:	for	0 Samples

Lead (mg/L)

None Detected	0	%
... 0.015	0	%
0.016 - 0.025	0	%
0.026 - 0.050	0	%
0.051 - 0.100	0	%
0.101 ...	0	%
Avg:	for	0 Samples

Sulfate (mg/L)

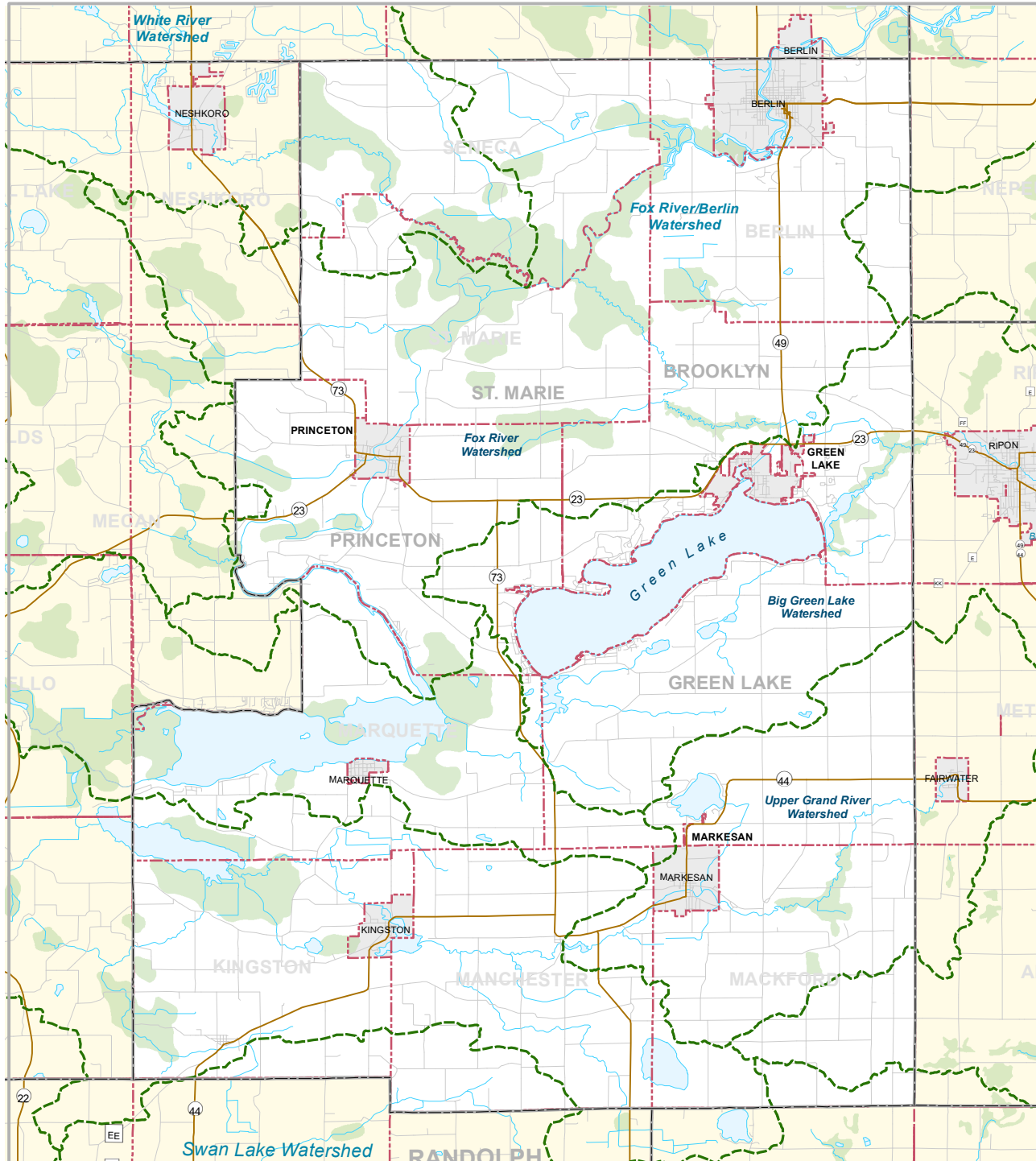
None Detected	0	%
...25	0	%
26 - 50	0	%
51 - 75	0	%
76 - 100	0	%
101 ...	0	%
Avg:	for	0 Samples

Zinc (mg/L)

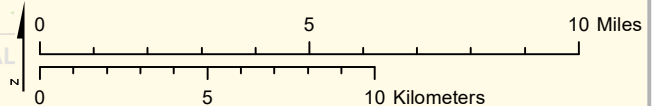
None Detected	0	%
... 0.100	0	%
0.101 - 0.500	0	%
0.501 - 1.000	0	%
1.001 - 5.000	0	%
5.001 ...	0	%
Avg:	for	0 Samples

Green Lake County

April 2023



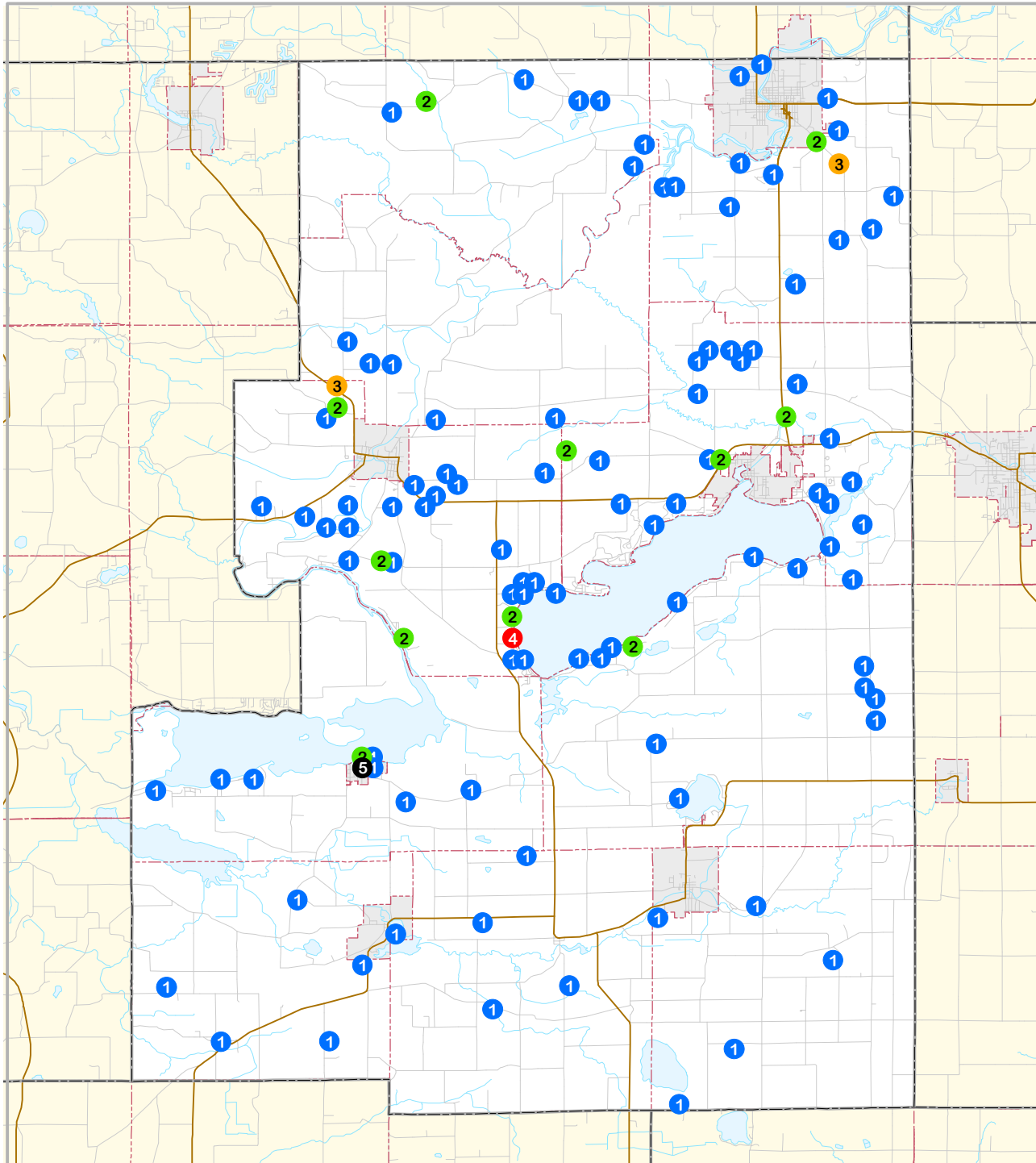
- Watershed Boundary
- Streams
- Lakes/Reservoirs
- Wetlands
- State/US Highways
- Other Roads
- Town Boundaries
- Municipalities



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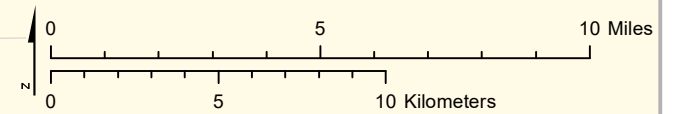
April 2023



SAMPLE DISTRIBUTION

NUMBER SAMPLES
per 1/4 1/4 SECTION

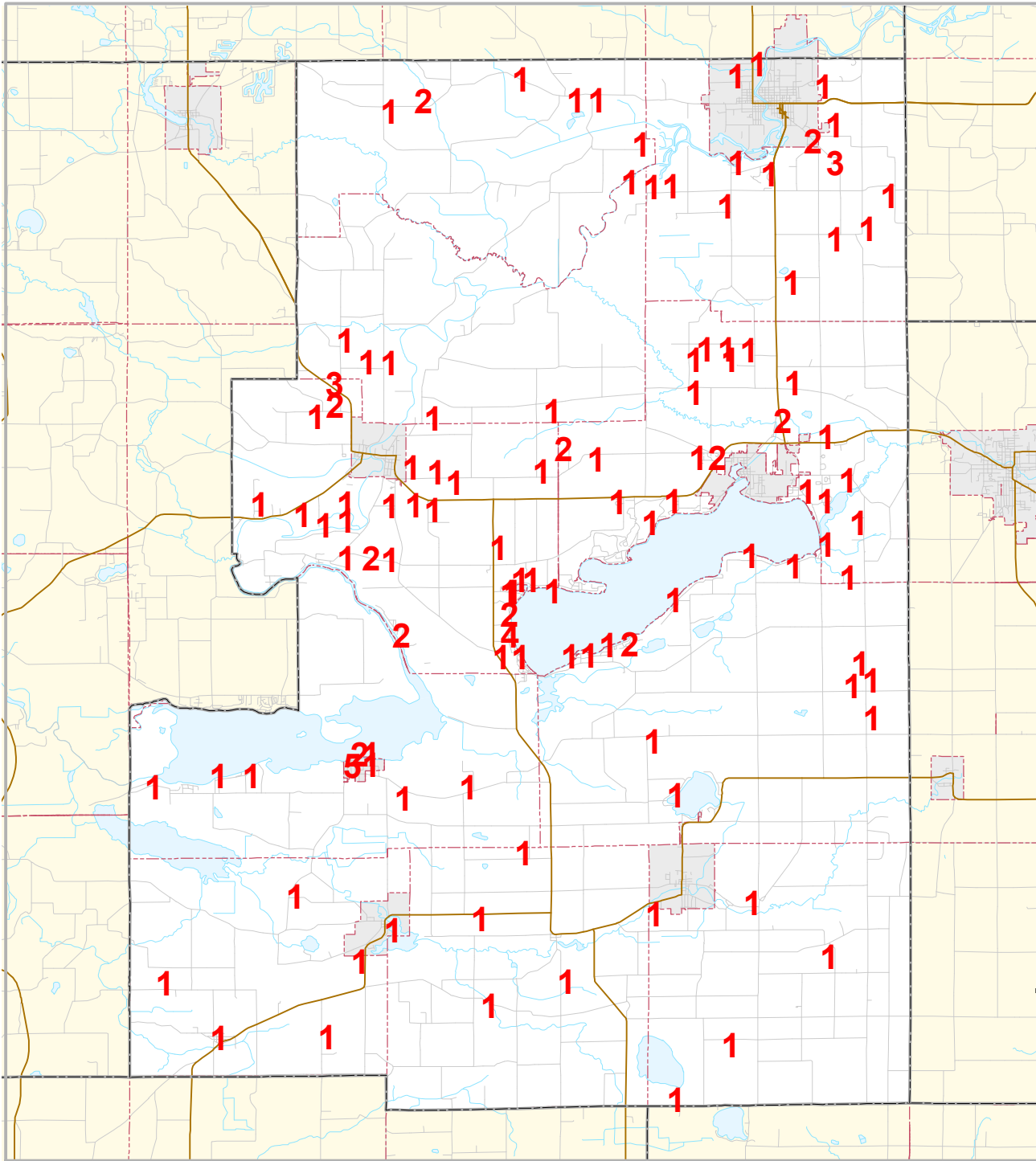
- ① 1
- ② 2
- ③ 3
- ④ 4
- ⑤ 5 or more



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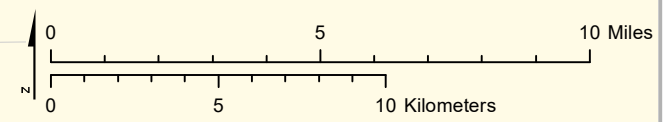
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SAMPLE DISTRIBUTION

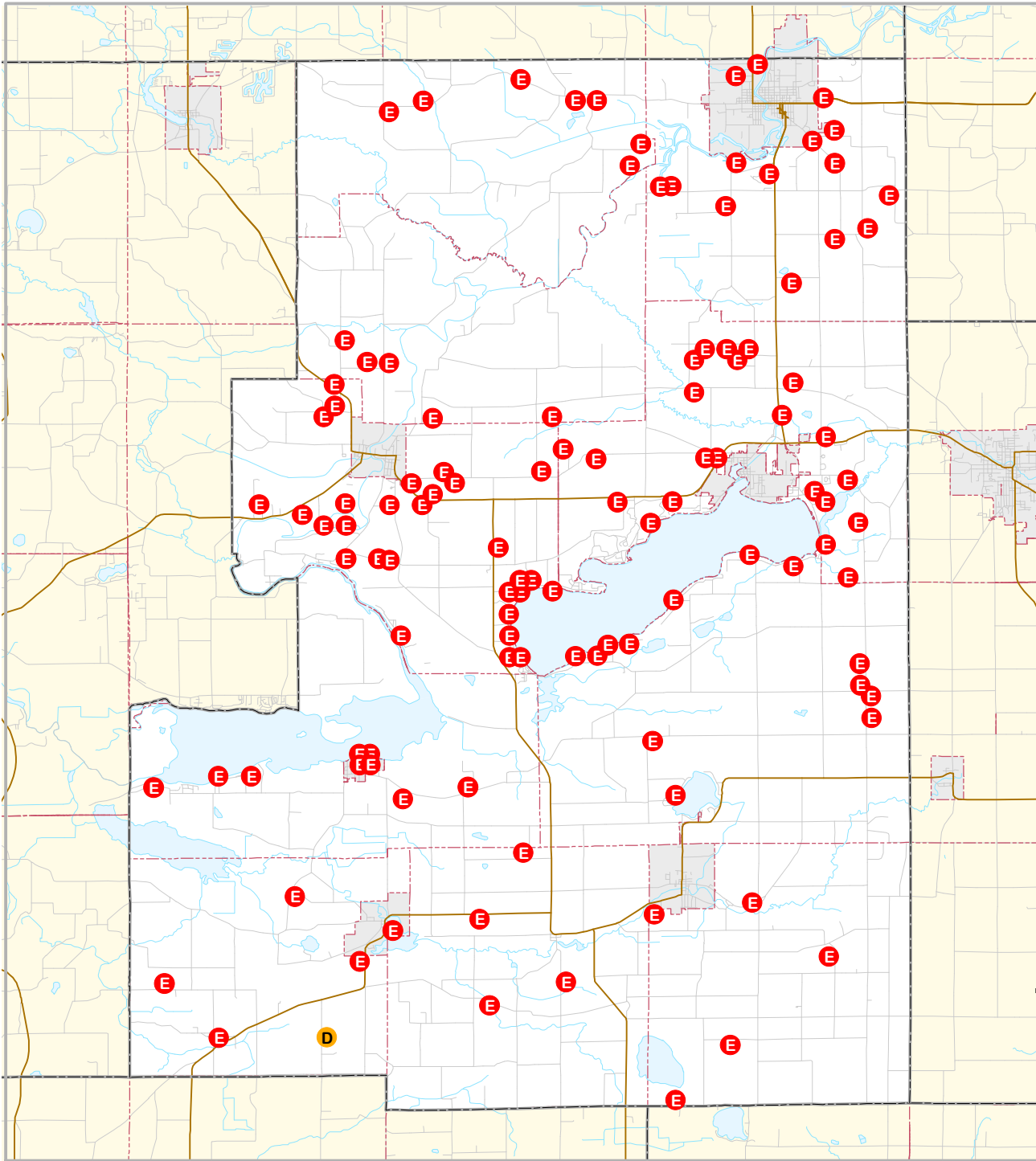
NUMBER OF SAMPLES
per 1/4 1/4 SECTION



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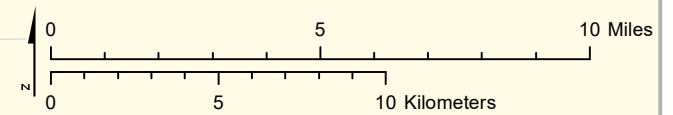
April 2023



pH

A	... 5.00	0	0%
B	5.01 - 6.00	0	0%
C	6.01 - 7.00	0	0%
D	7.01 - 8.00	1	<1%
E	8.01 - 9.00	135	99%
F	9.01 ...	0	0%

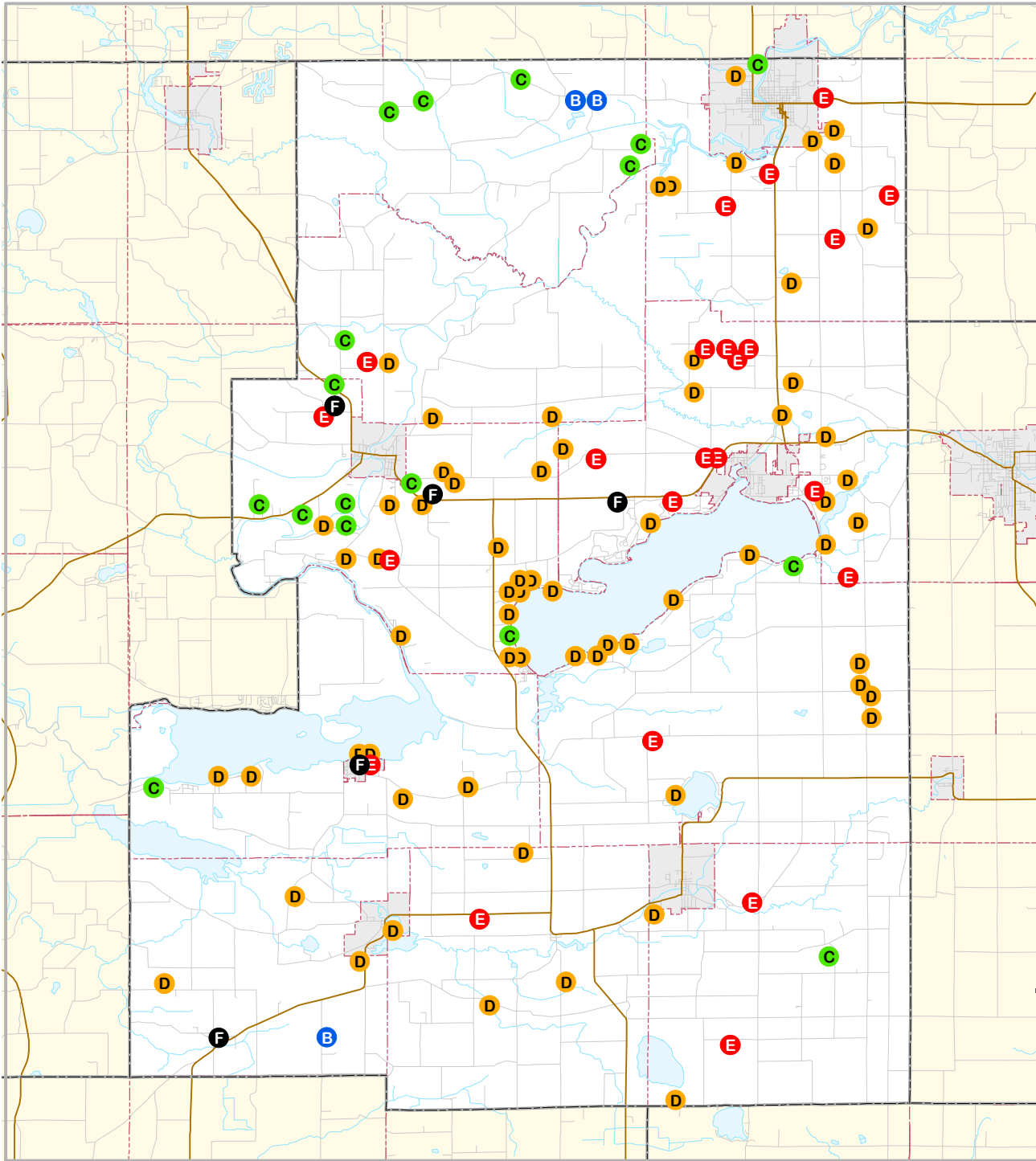
Mapped value is the average for the 1/4 1/4 section
Treated samples not mapped



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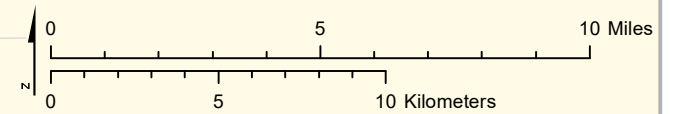
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CONDUCTIVITY (umhos/cm)

A ... 100	0	0%
B 101 - 250	4	3%
C 251 - 500	22	16%
D 501 - 750	73	54%
E 751 - 1000	30	22%
F 1001 ...	7	5%

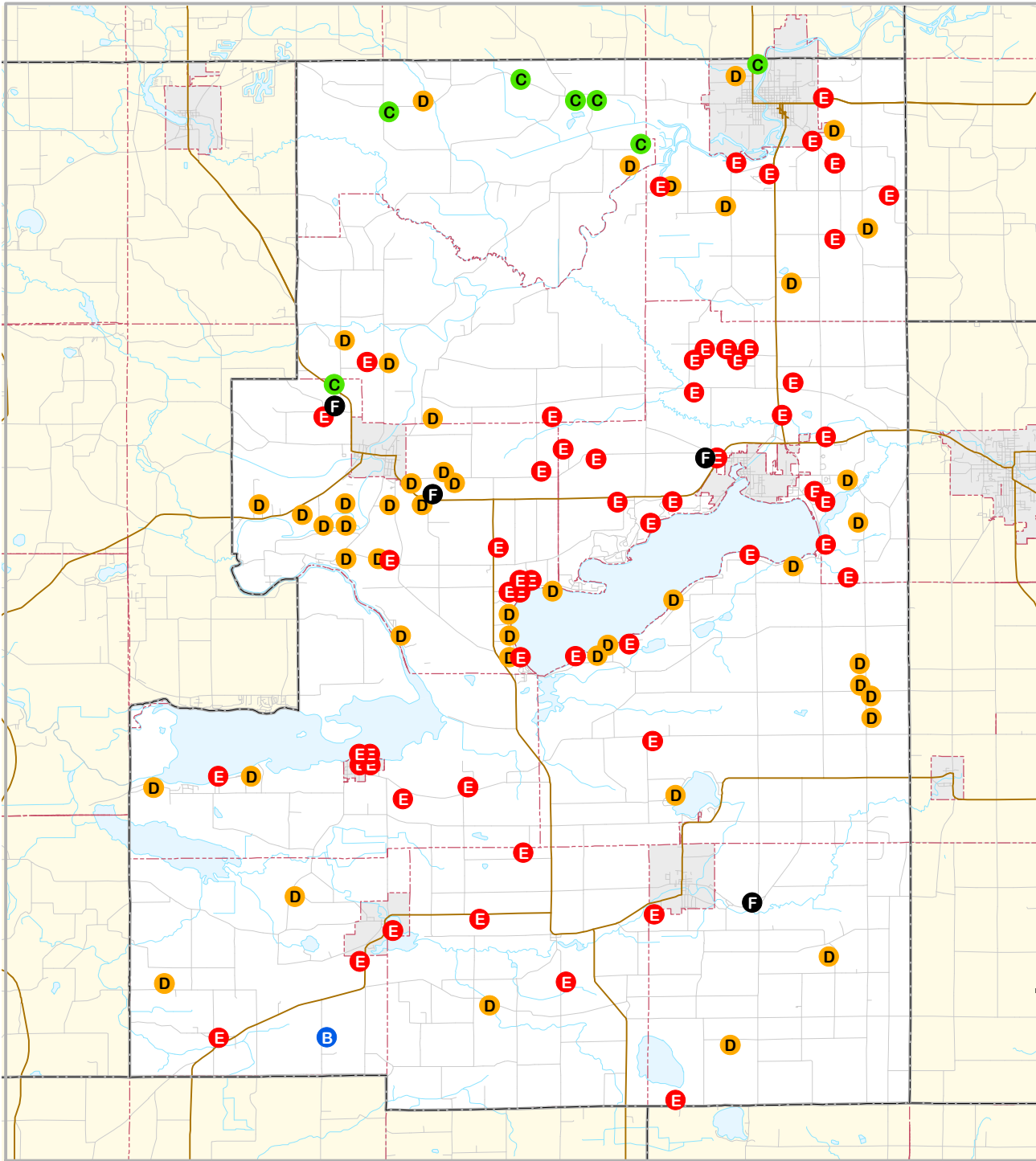
Mapped value is the average for the 1/4 1/4 section
Treated samples not mapped



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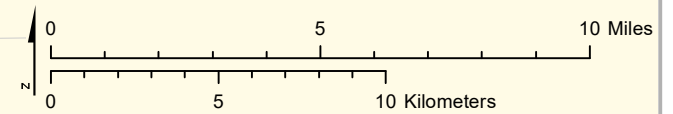
April 2023



ALKALINITY (ppm CaCO₃)

A ... 50	0	0%
B 51 - 100	1	<1%
C 101 - 200	12	9%
D 201 - 300	52	38%
E 301 - 400	64	47%
F 401 ...	7	5%

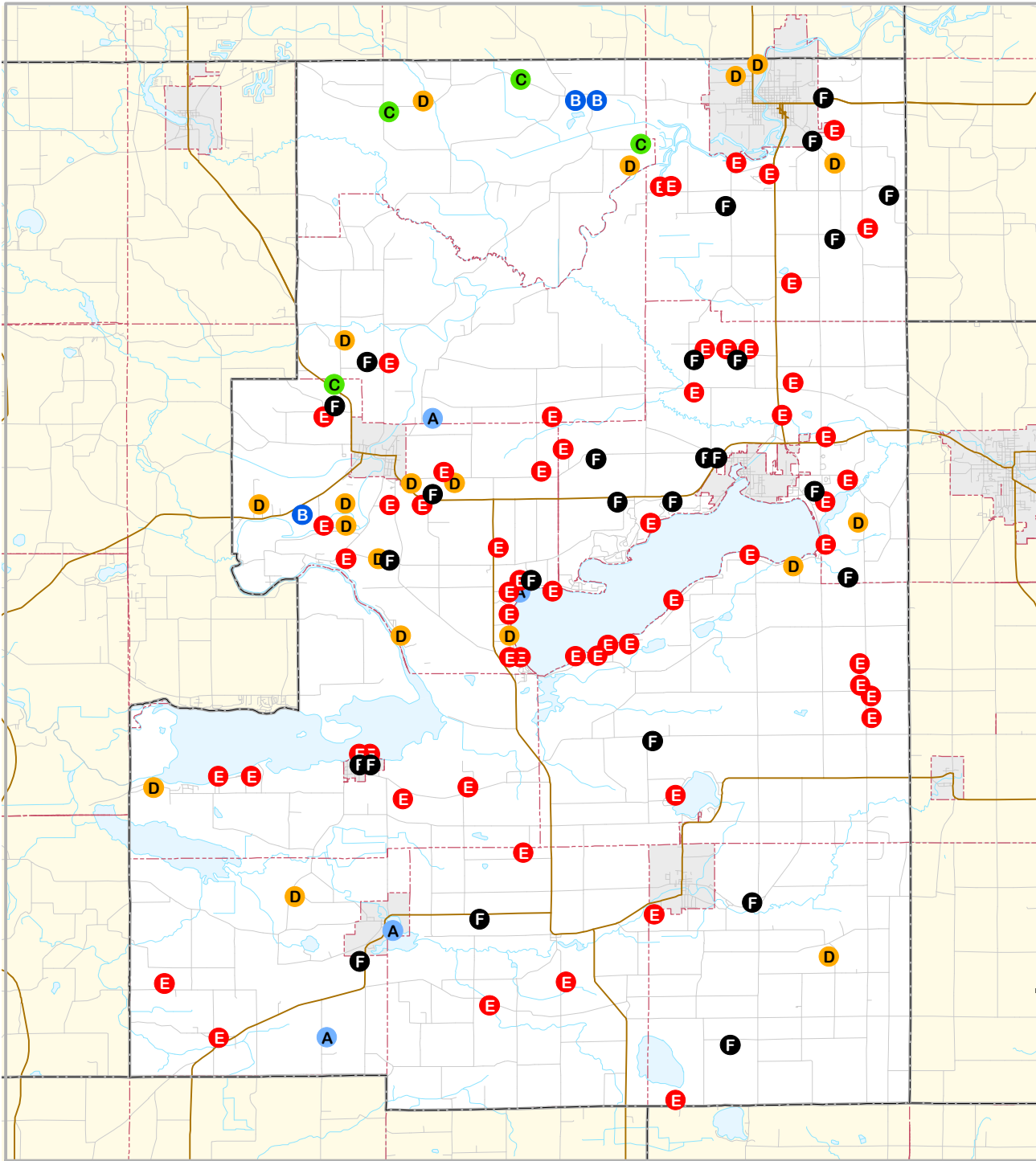
Mapped value is the average for the 1/4 1/4 section
Treated samples not mapped



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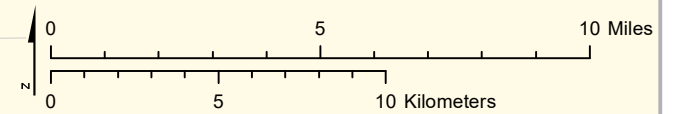
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TOTAL HARDNESS (ppm CaCO₃)

A	... 50	6	4%
B	51 - 100	3	2%
C	101 - 200	9	7%
D	201 - 300	18	13%
E	301 - 400	69	50%
F	401 ...	32	23%

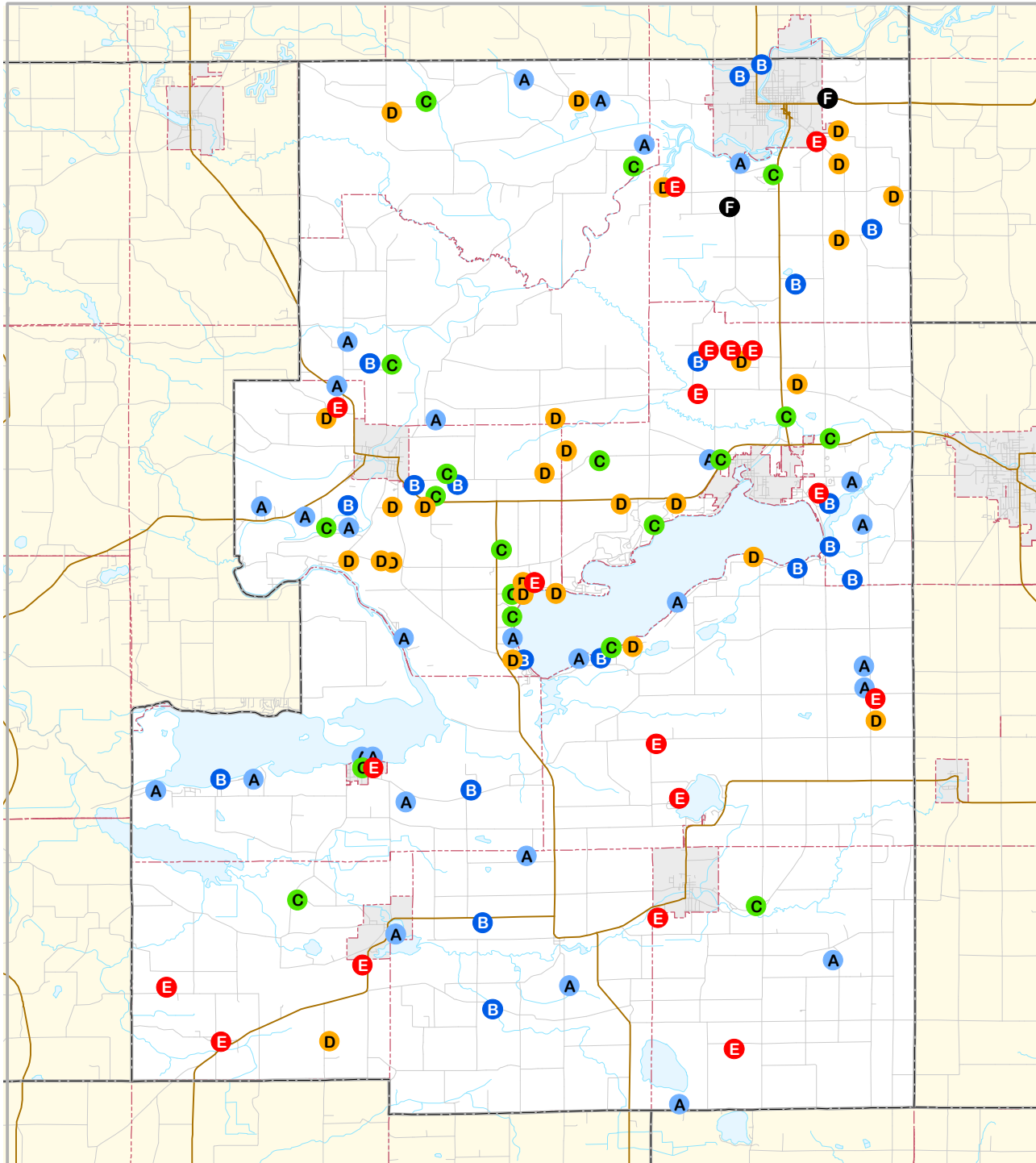
Mapped value is the average for the 1/4 1/4 section
Treated samples not mapped



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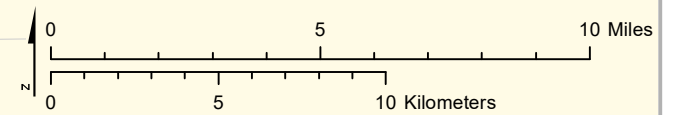
April 2023



NITRATE-NITRITE (ppm N)

A	None Detected	39	28 %
B	... 2.0	19	14 %
C	2.1 - 5.0	26	19 %
D	5.1 - 10.0	31	23 %
E	10.1 - 20.0	18	13 %
F	20.1 ...	4	3 %

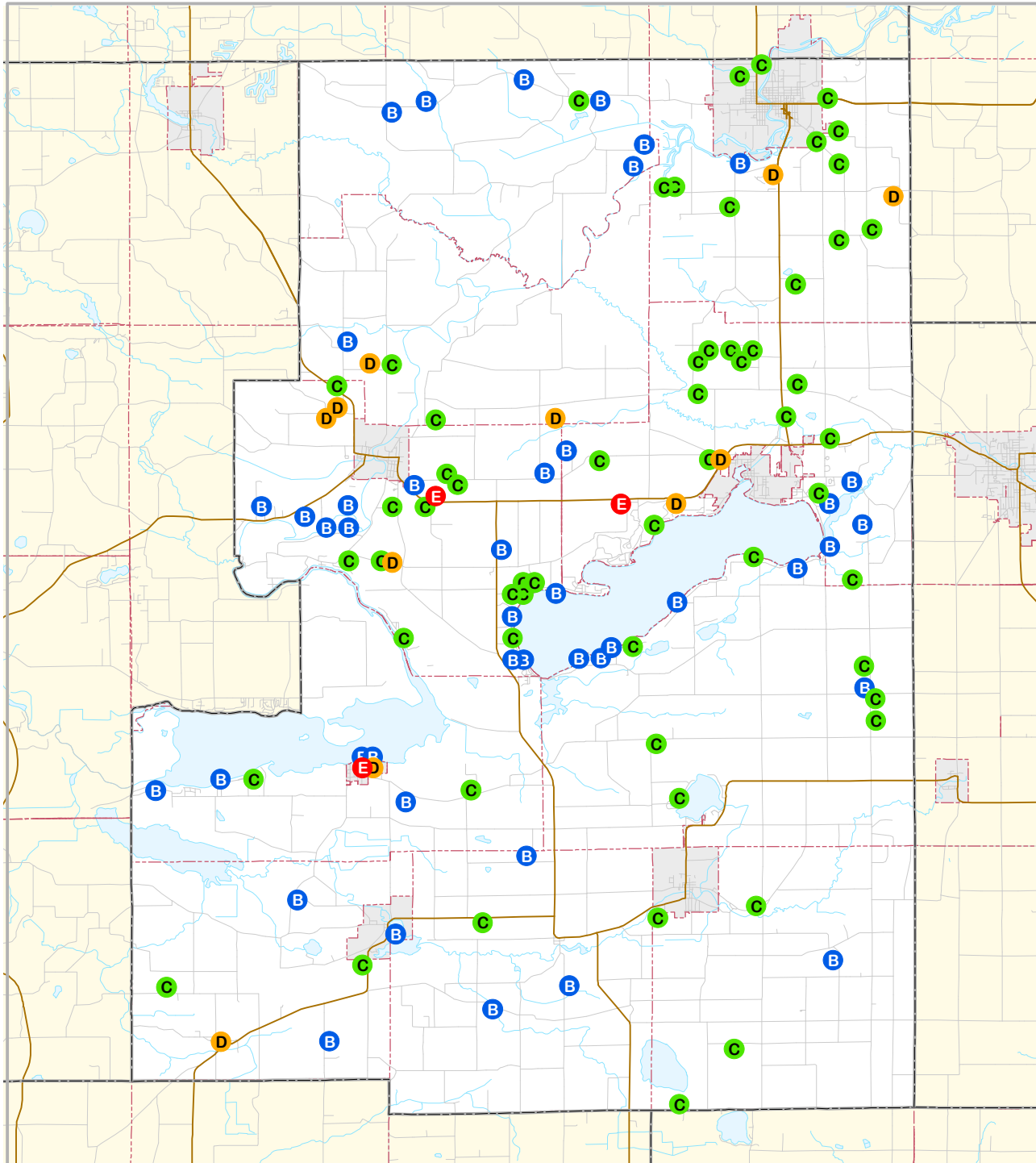
Mapped value is the average for the 1/4 1/4 section
Treated samples not mapped



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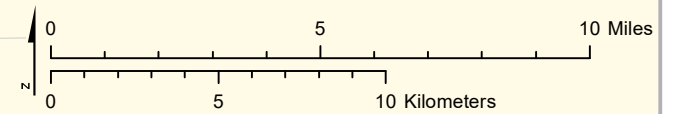
April 2023



CHLORIDE (ppm)

A None Detected	0	0%
B ... 10	55	40%
C 11 - 50	63	46%
D 51 - 100	16	12%
E 101 - 200	2	1%
F 201 ...	1	<1%

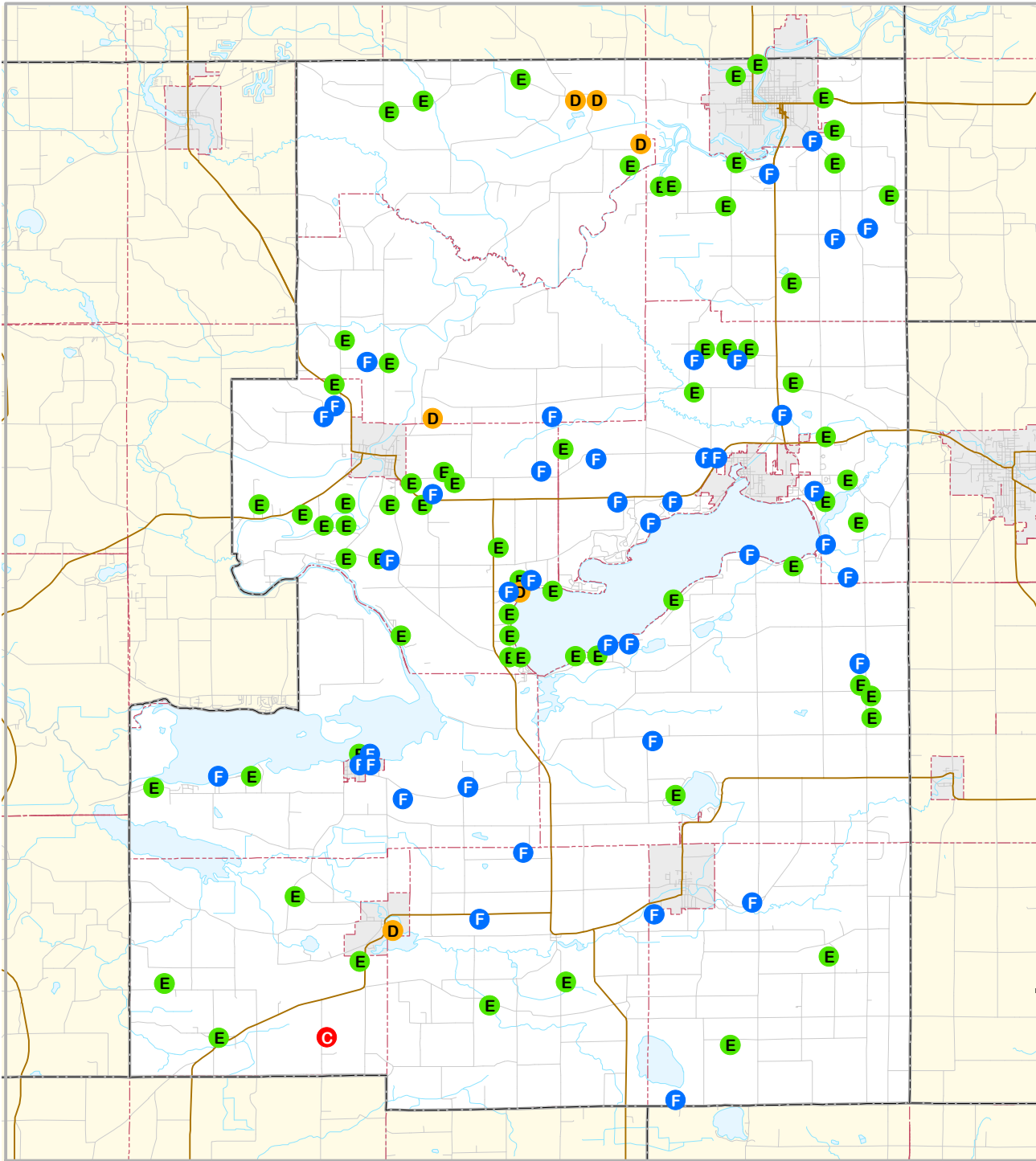
Mapped value is the average for the 1/4 1/4 section
Treated samples not mapped



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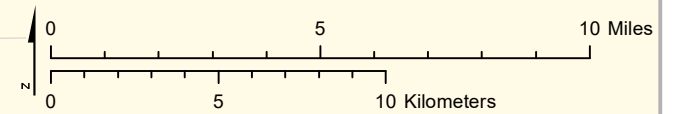
April 2023



SI (Saturation Index)

A ... -3.0	0	0%
B -2.9 - -2.0	0	0%
C -1.9 - -1.0	1	<1%
D -0.9 - 0.0	7	5%
E 0.1 - 1.0	80	59%
F 1.1 ...	48	35%

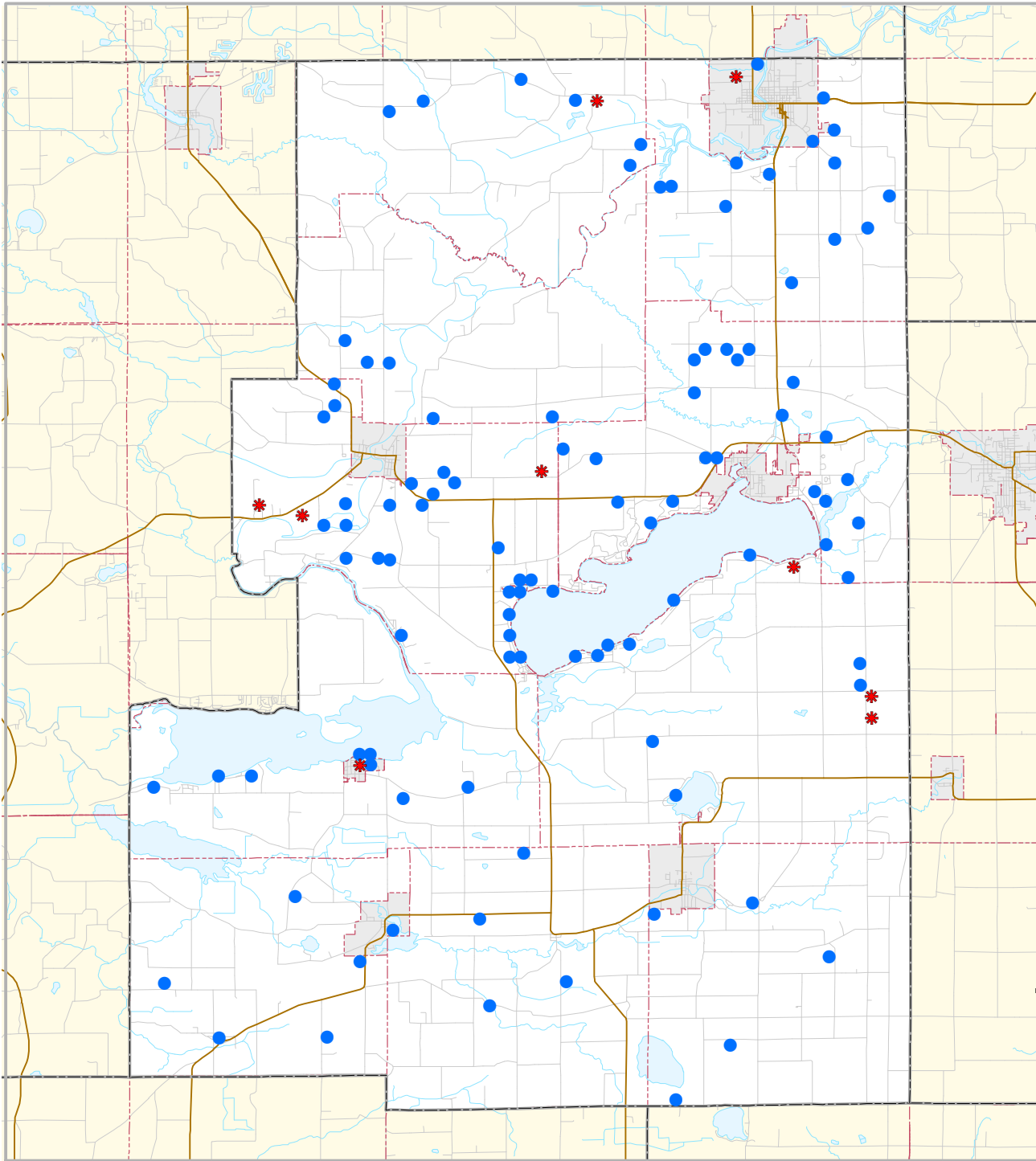
Mapped value is the average for the 1/4 1/4 section
Treated samples not mapped



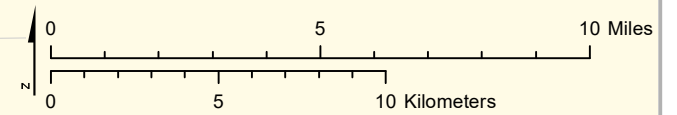
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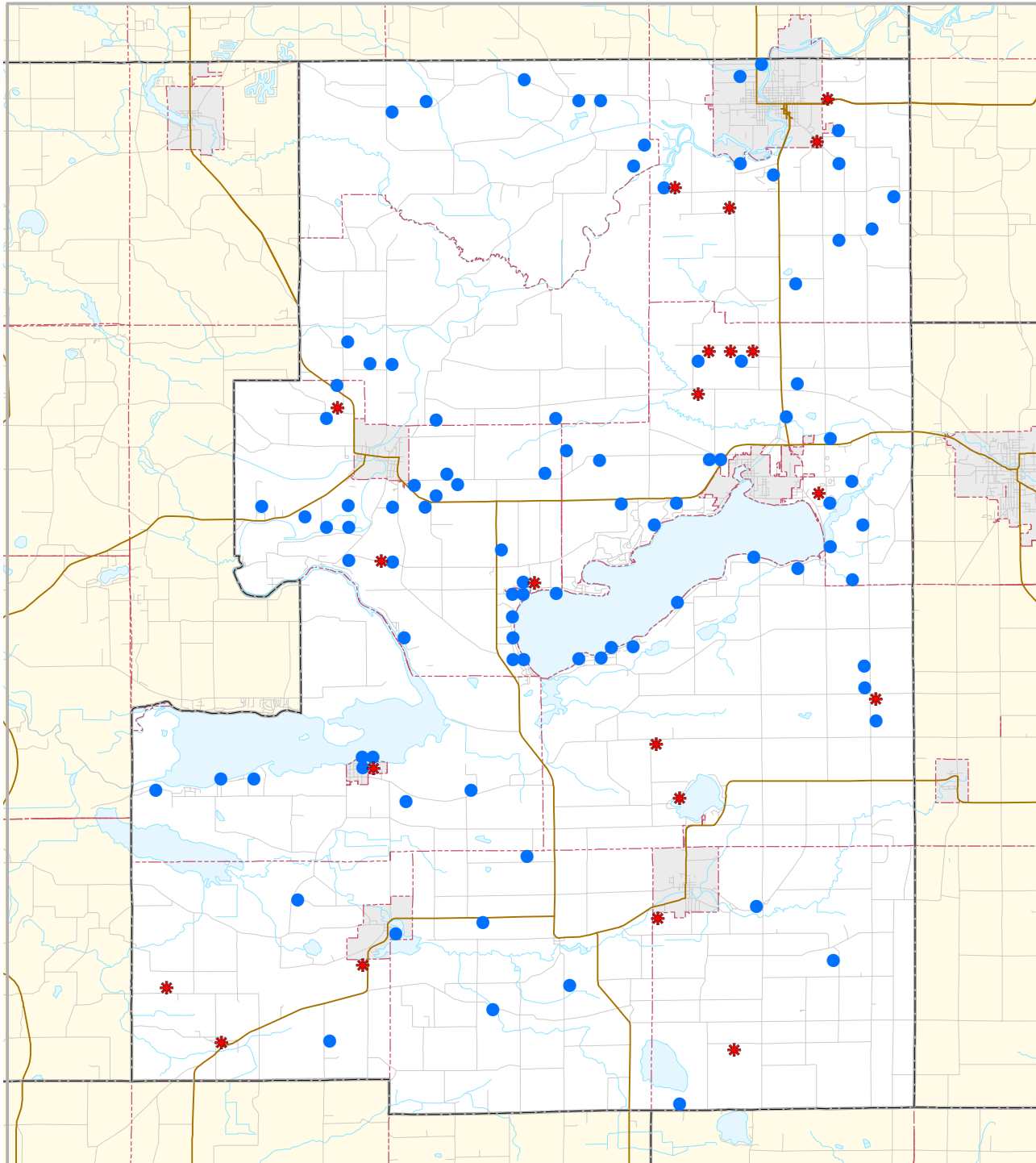
*** BACTERIA POSITIVE**
Any sample in the 1/4 1/4 section



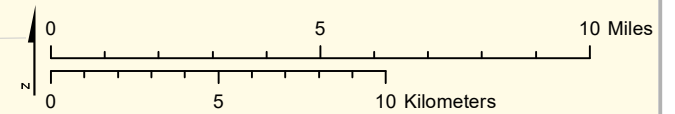
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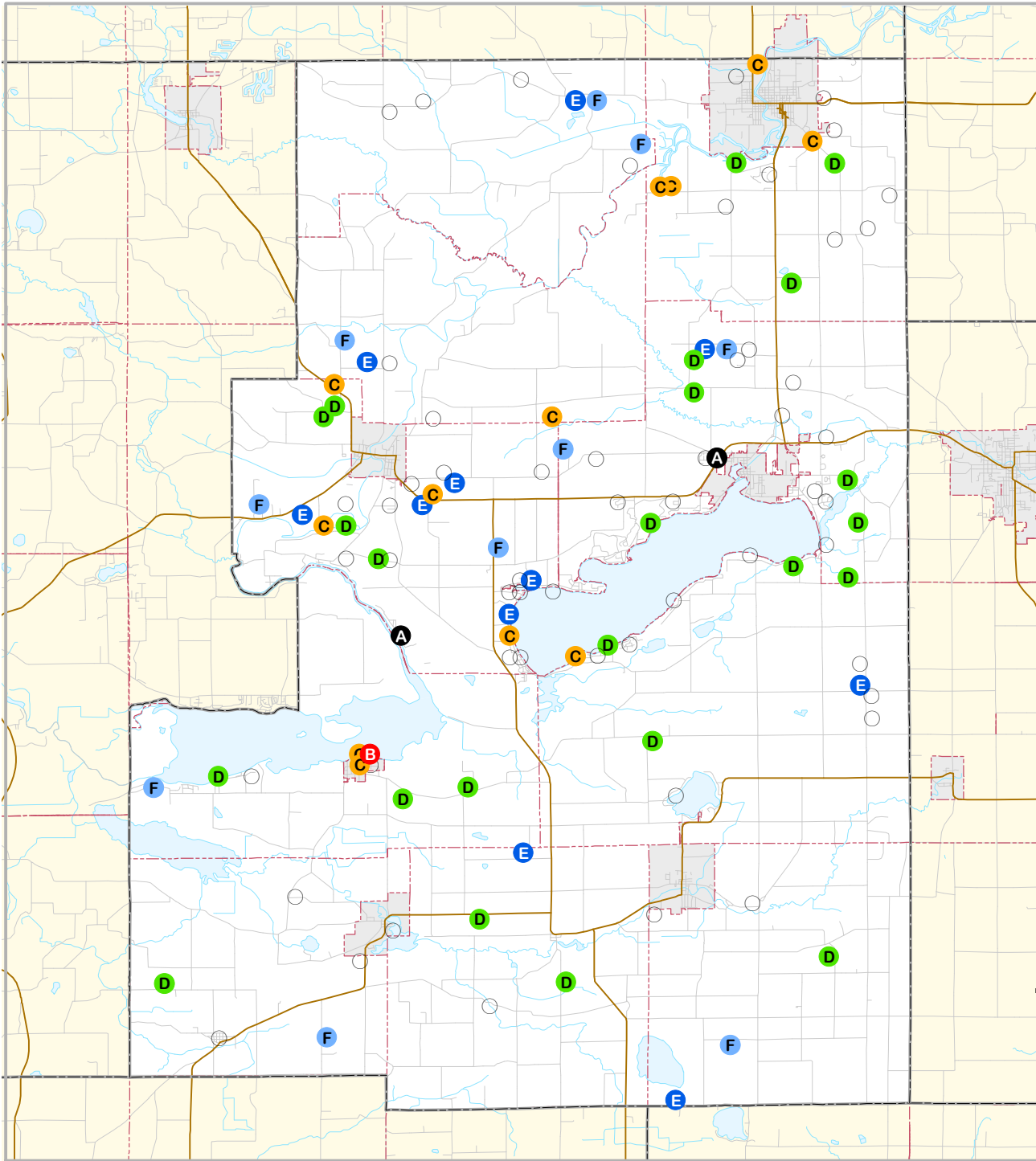
***** **NITRATE N > 10 mg/l**
Any sample in the 1/4 1/4 section



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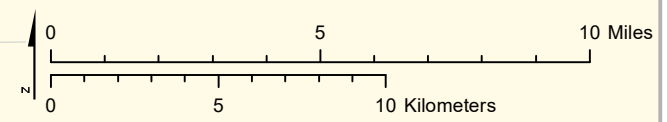
April 2023



DEPTH OF WELL (ft)

Category	Percentage
A ... 25	1%
B 26-50	1%
C 51-100	12%
D 101-150	19%
E 151-200	8%
F 201 ...	8%

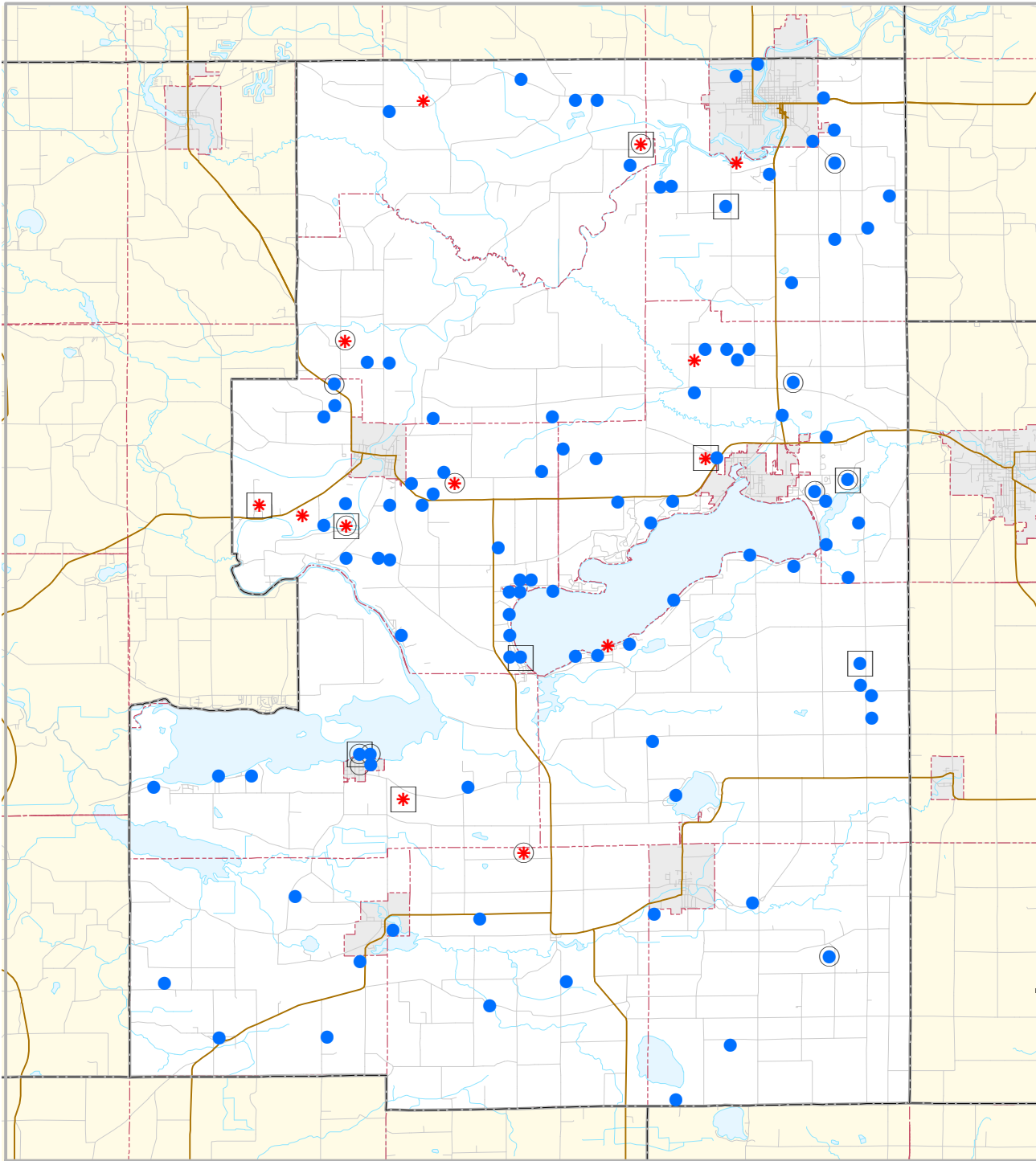
Mapped value is the average for the 1/4 1/4 section



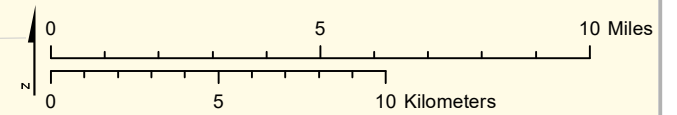
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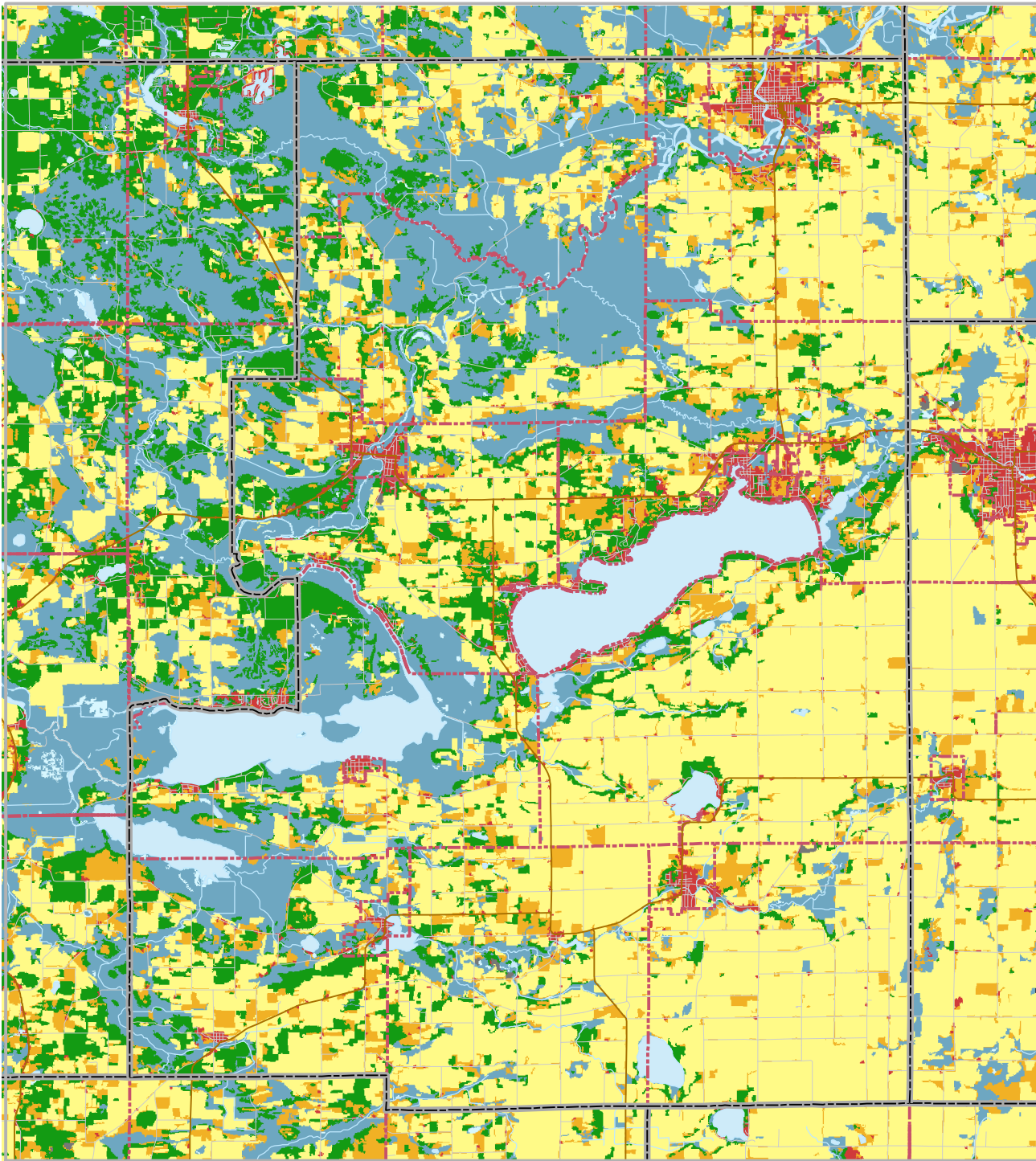
- * Color Problem
- Odor Problem
- Taste Problem



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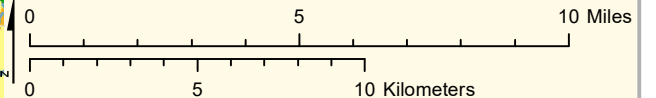
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Land Use:

- Urban
- Agriculture
- Forest
- Shrub-Grass
- Wetland
- Water
- Barren



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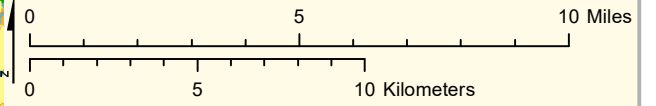
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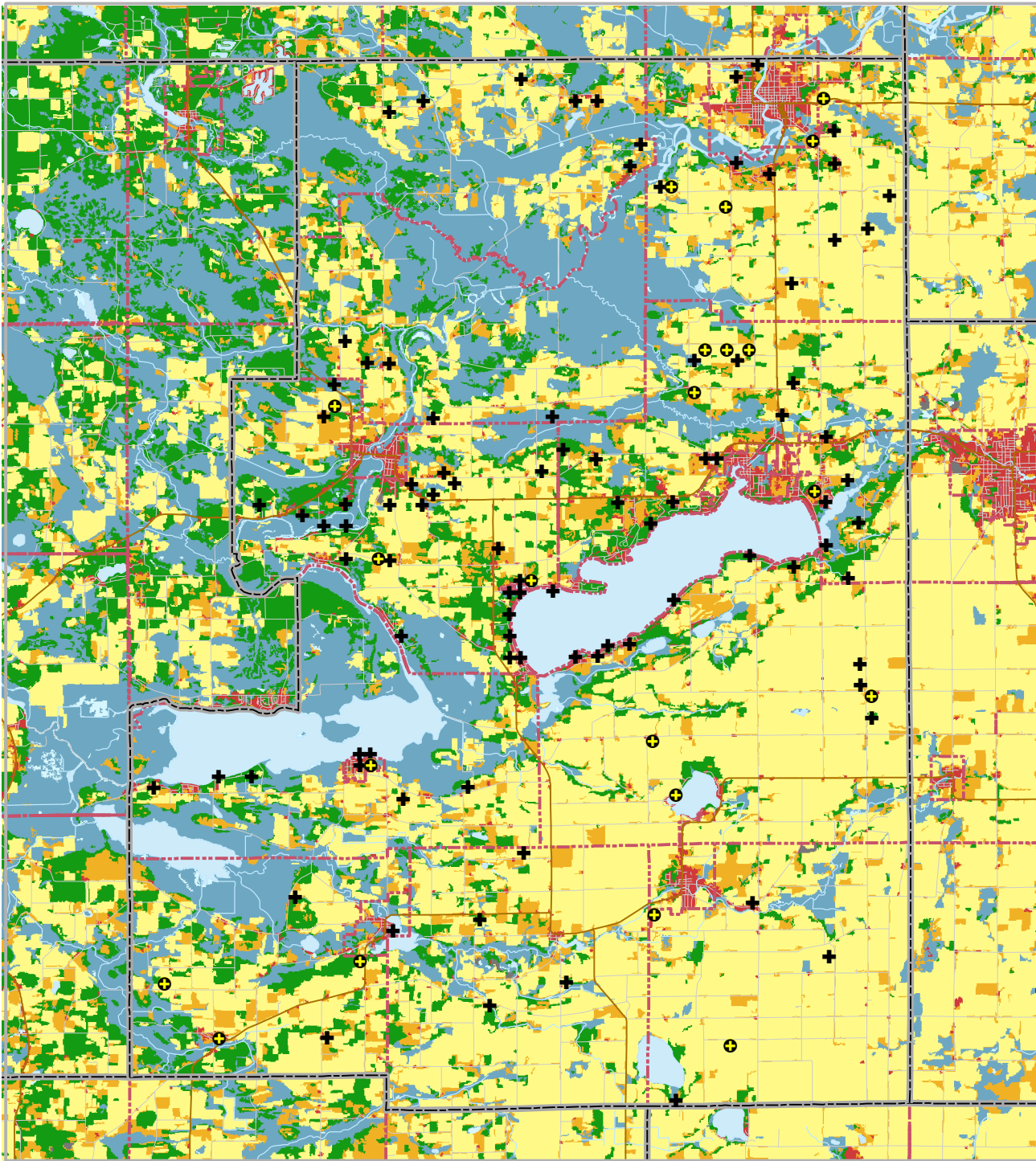


- Land Use:
- Urban
 - Agriculture
 - Forest
 - Shrub-Grass
 - Wetland
 - Water
 - Barren

- + NO₃<10 mg/L
- ⊕ NO₃>10 mg/L



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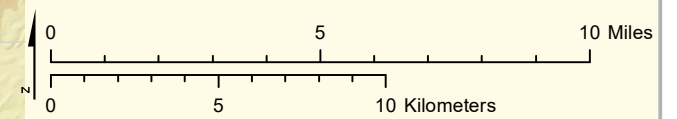
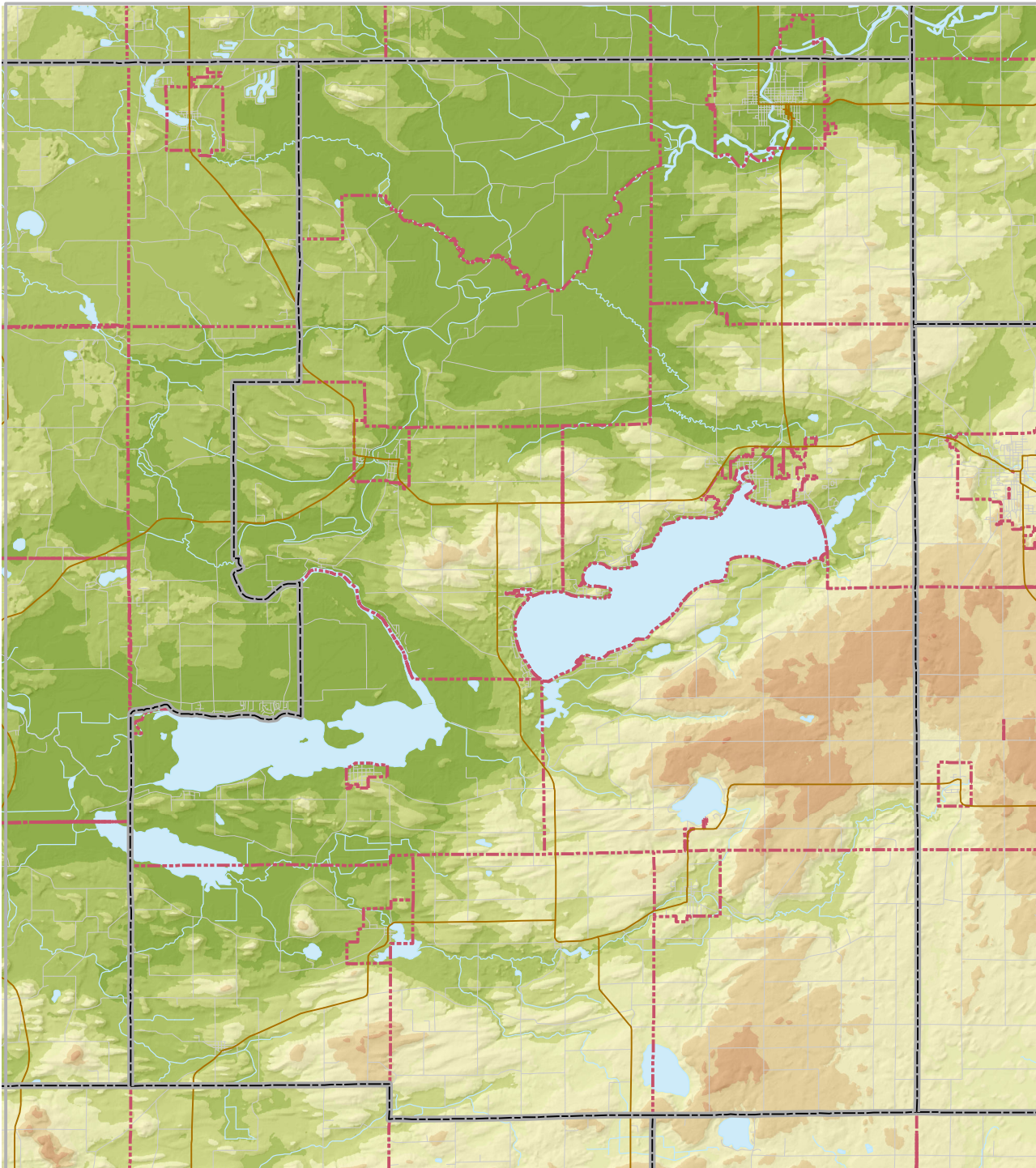
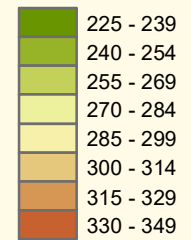


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Elevation:
(meters)








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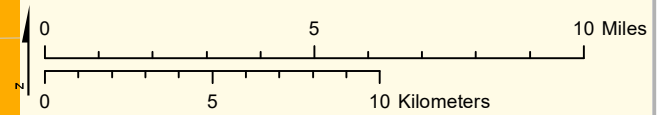
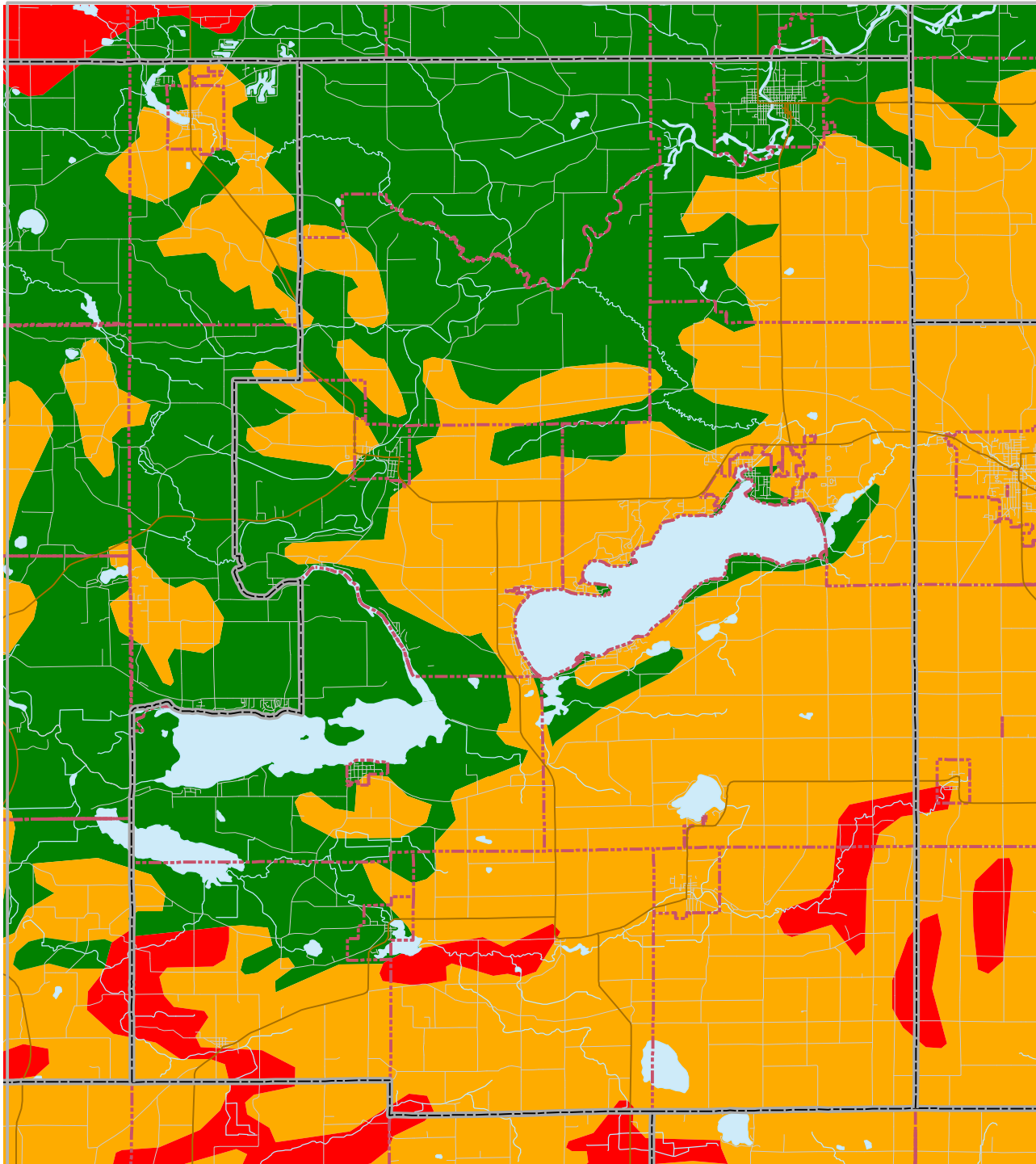
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Surficial Deposits:

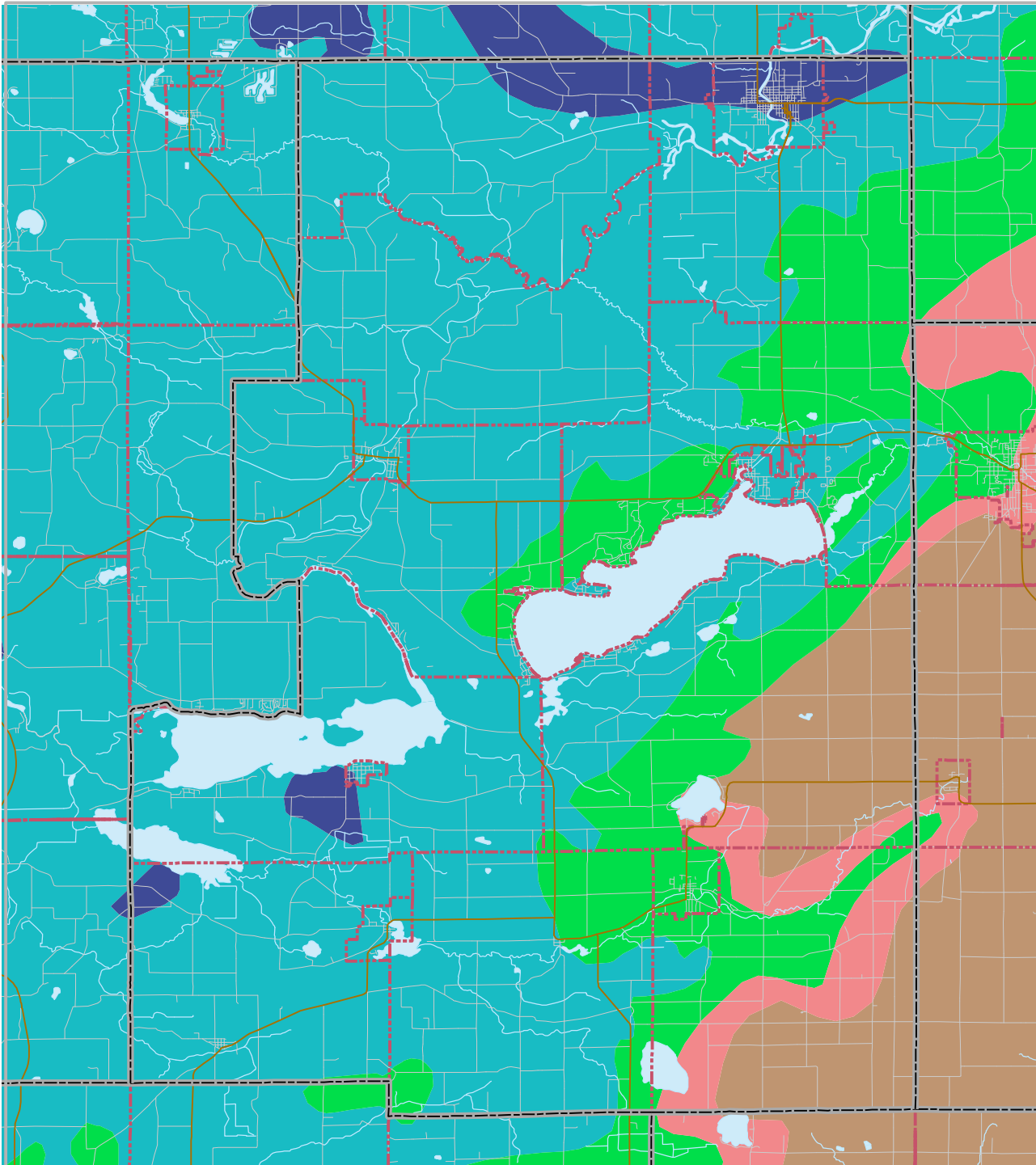
-  Sand & Gravel
-  Sand
-  Peat
-  Loam
-  Clay








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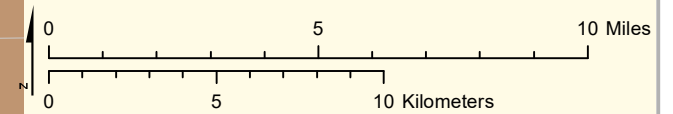
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Bedrock Units:

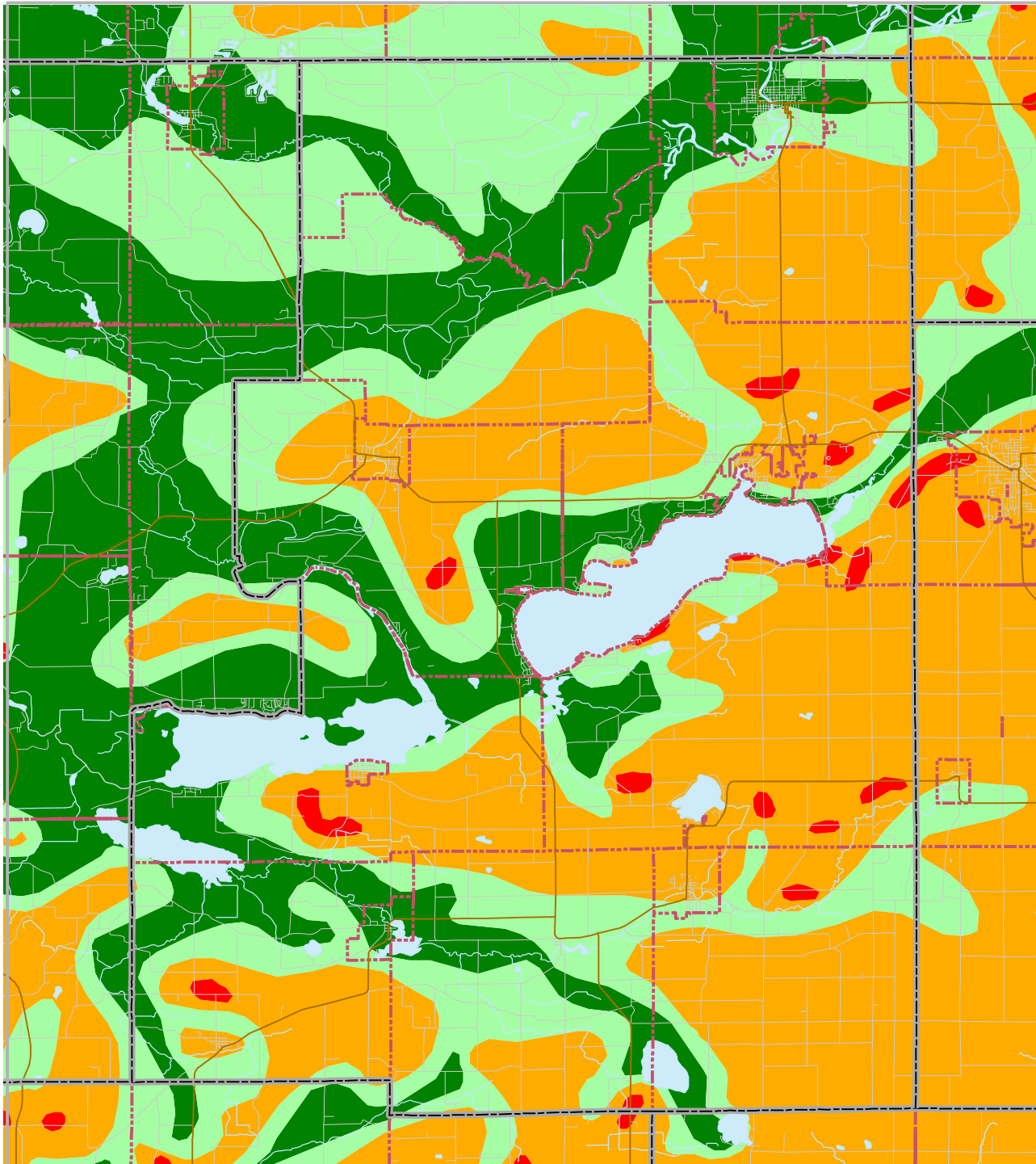
-  Cambrian Sandstone
-  Extrusive Igneous
-  Galena-Platteville Dolomite
-  Prairie du Chien Dolomite
-  St Peter Sandstone








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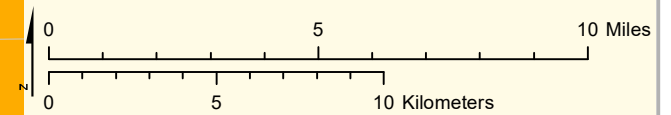
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April 2023



Depth to Bedrock:

-  within 5 ft - more than 70% of area
-  within 5 ft - 35 to 70% of area
-  5 to 50 ft
-  50 to 100 ft
-  greater than 100 ft



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2023 Prioritized Health Needs

Green Lake County Health Department convened a group of stakeholders and community members to participate in a presentation of data on the six significant health needs. Following the presentation, participants engaged in a discussion and were asked to participate in an online prioritization activity.

Process and Criteria

The online prioritization activity included two criteria for prioritization:

- Scope and Severity
- Ability to Impact

Participants assigned a score of 1-3 to each health topic and criterion, with a higher score indicating a greater for that topic to be prioritized. Numerical scores for the two criteria were then combined and averaged to produce an aggregate score and ranking for each health topic. Following the prioritization, the members of Green Lake County Health Department met to discuss results. The final resulting in three priority health areas that will be considered for subsequent improvement planning are shown in Figure 2 below.

FIGURE 2: 2022 GREEN LAKE COUNTY PRIORITIZED HEALTH NEEDS

