

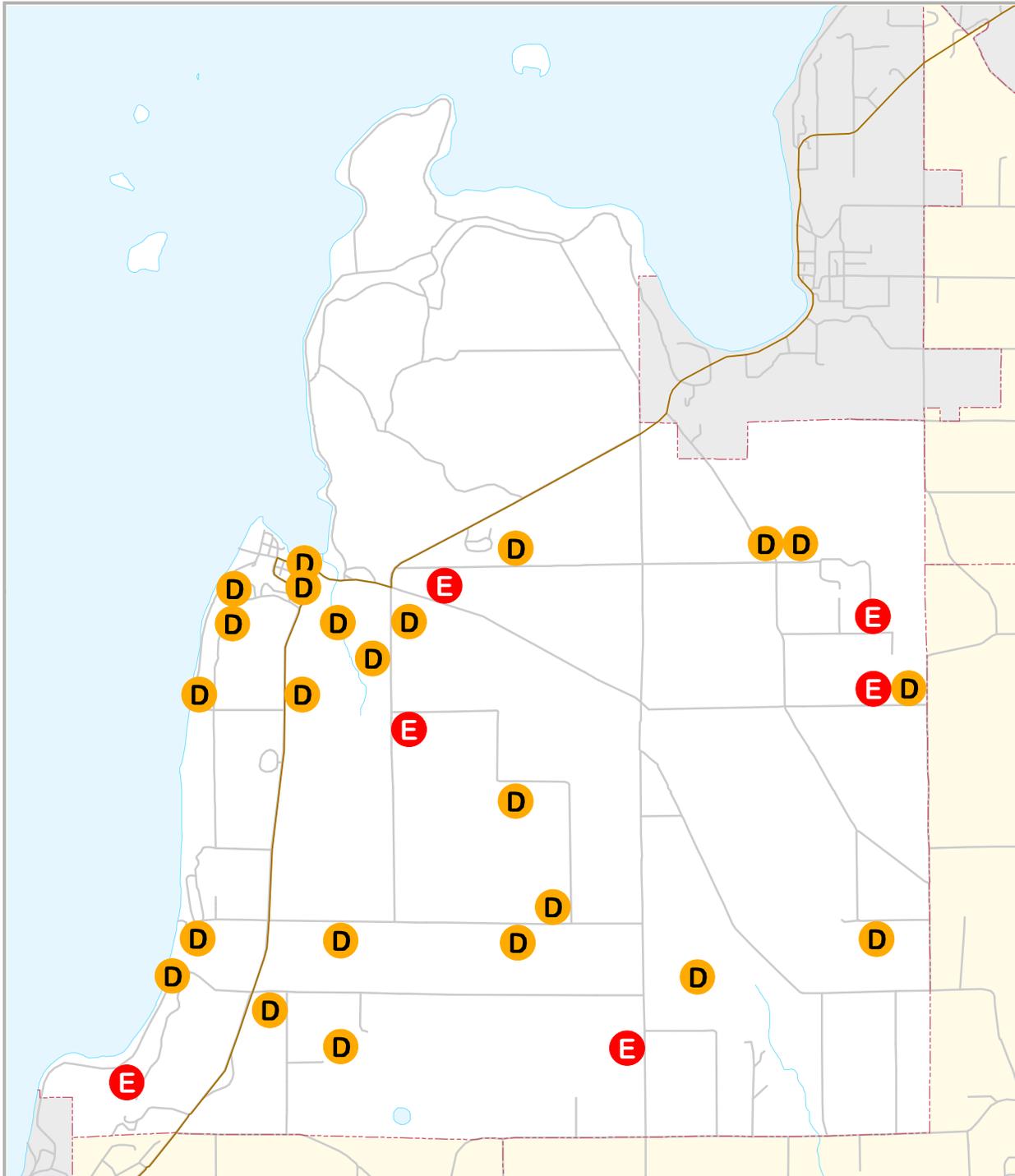
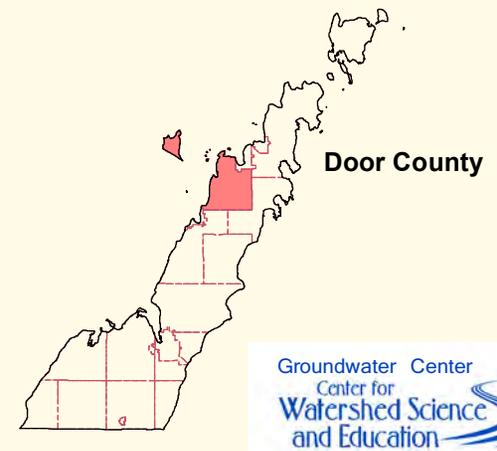
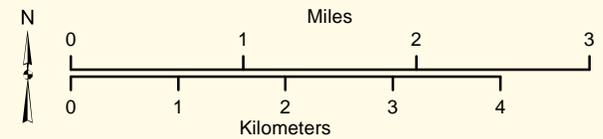
Town of Gibraltar

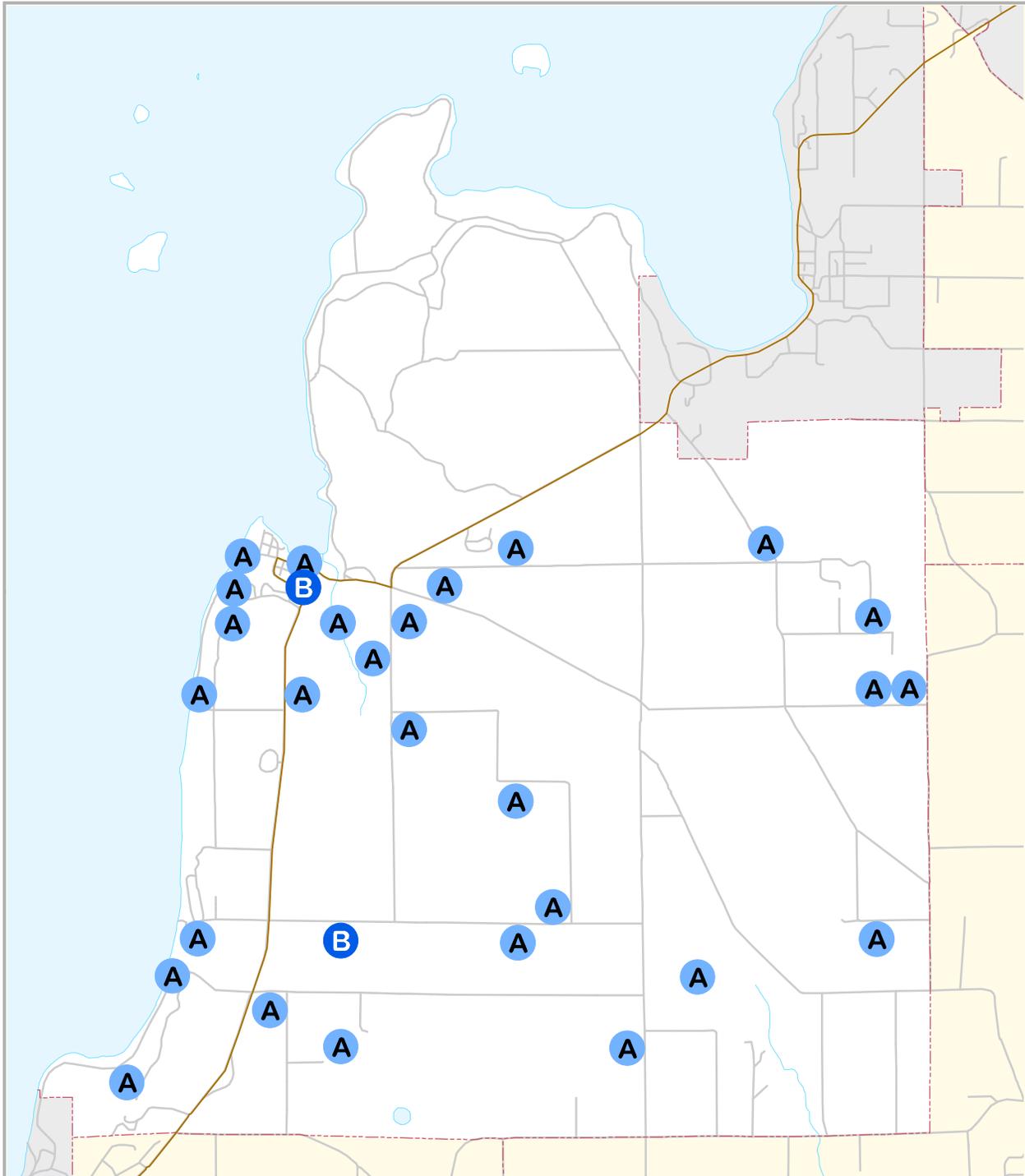
Door County
July 2012

ALKALINITY (ppm CaCO₃)

A ... 50	0	0%
B 51 - 100	0	0%
C 101 - 200	0	0%
D 201 - 300	32	80%
E 301 - 400	7	18%
F 401 ...	1	2%

Mapped value is the average unless otherwise indicated.
Treated samples not mapped.





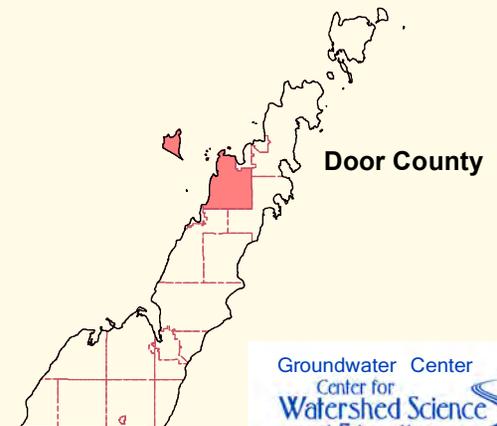
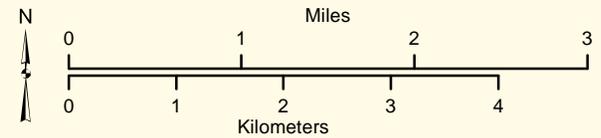
Town of Gibraltar

Door County
July 2012

ARSENIC (mg/l)

Maximum value for the 1/4 1/4 section.

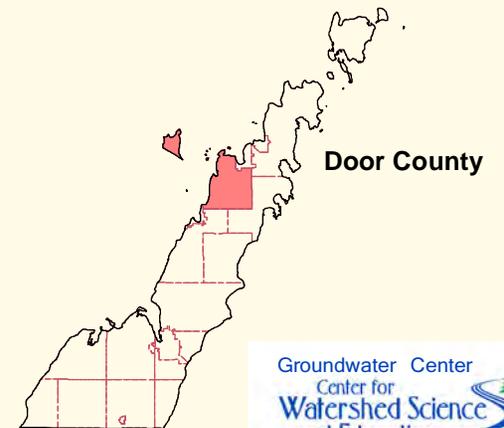
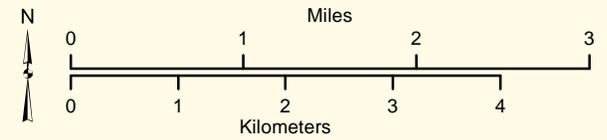
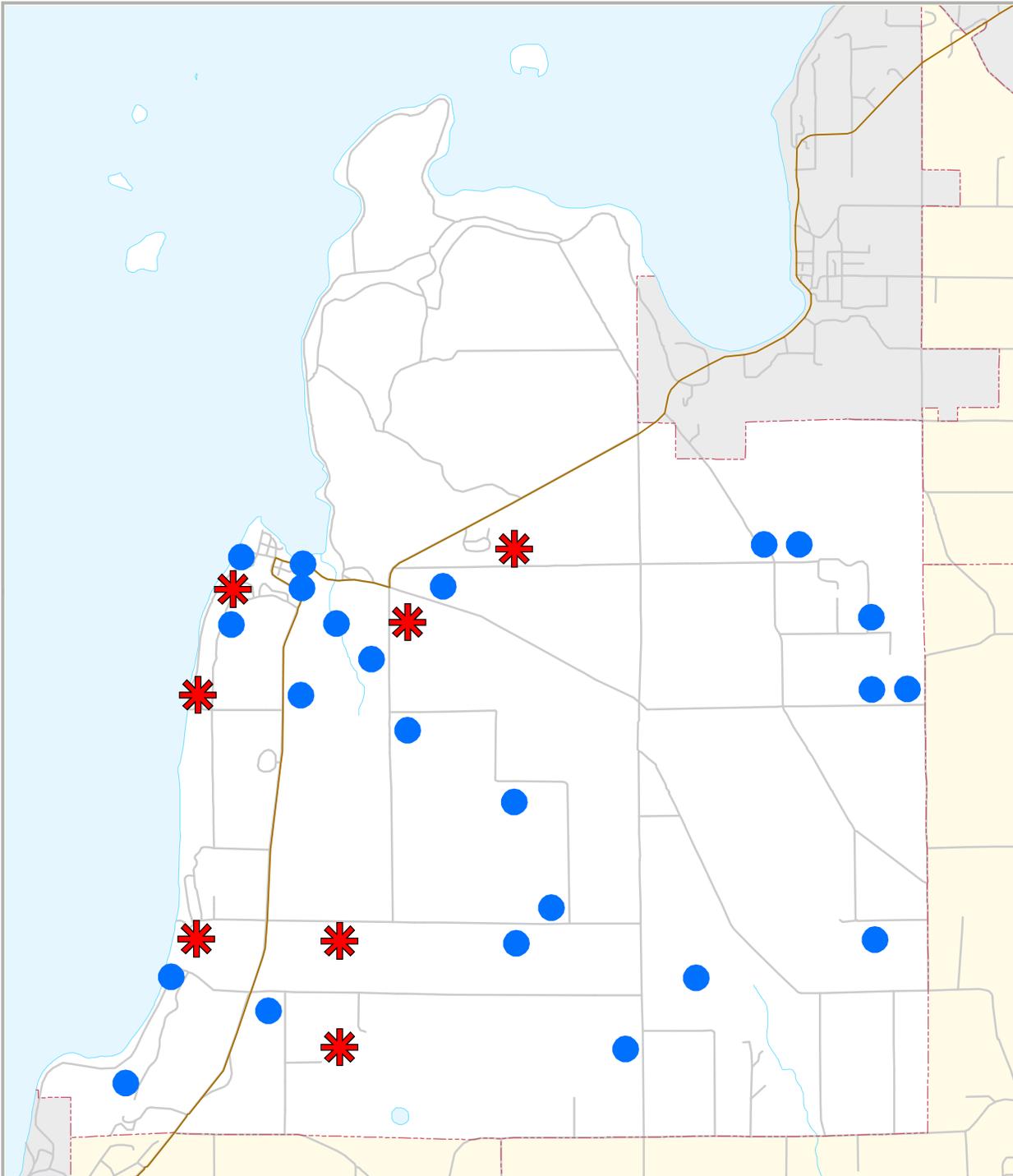
A	None Detected	38	95 %
B	... 0.010	2	5 %
C	0.011 - 0.050	0	0 %
D	0.051 - 0.100	0	0 %
E	0.101 - 0.150	0	0 %
F	0.151 ...	0	0 %



Town of Gibraltar

Door County
July 2012

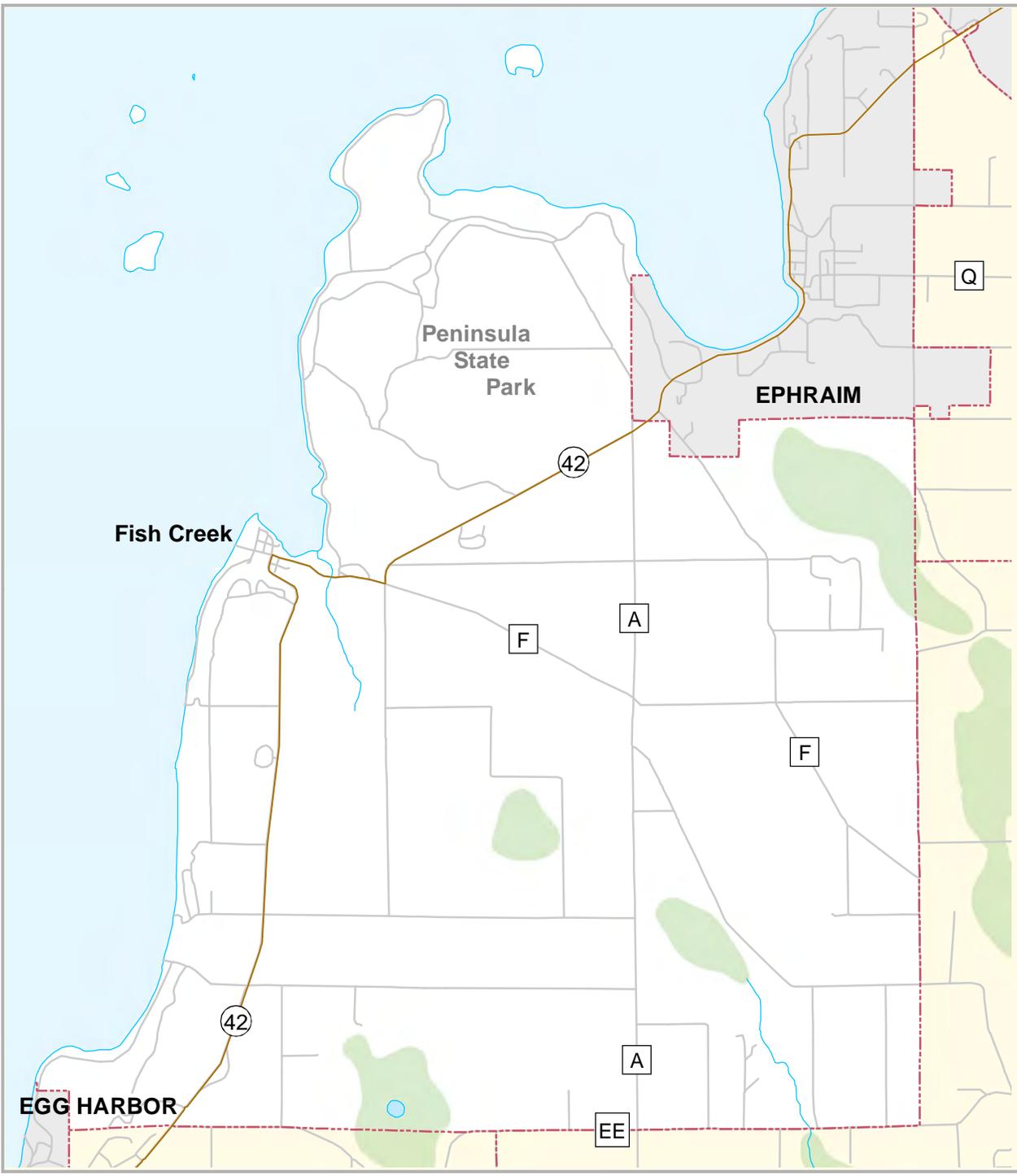
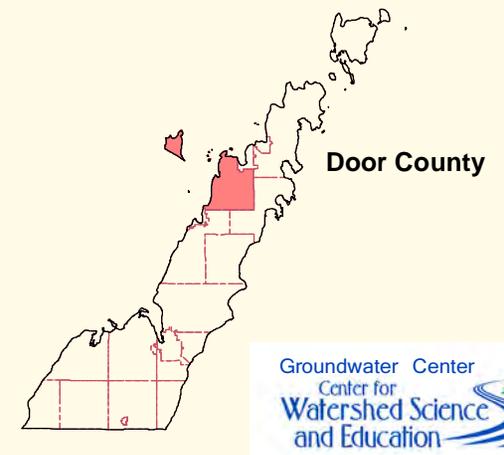
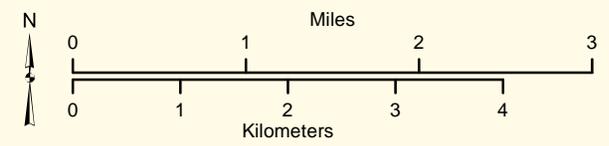
***** **BACTERIA POSITIVE**
Any sample in the 1/4 1/4 section.



Town of Gibraltar

Door County
July 2012

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

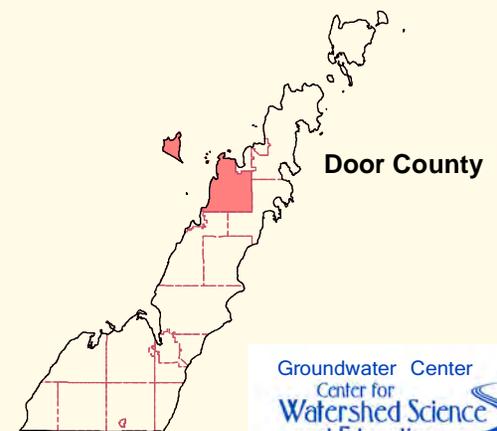
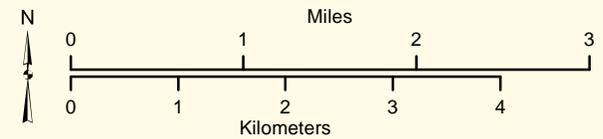


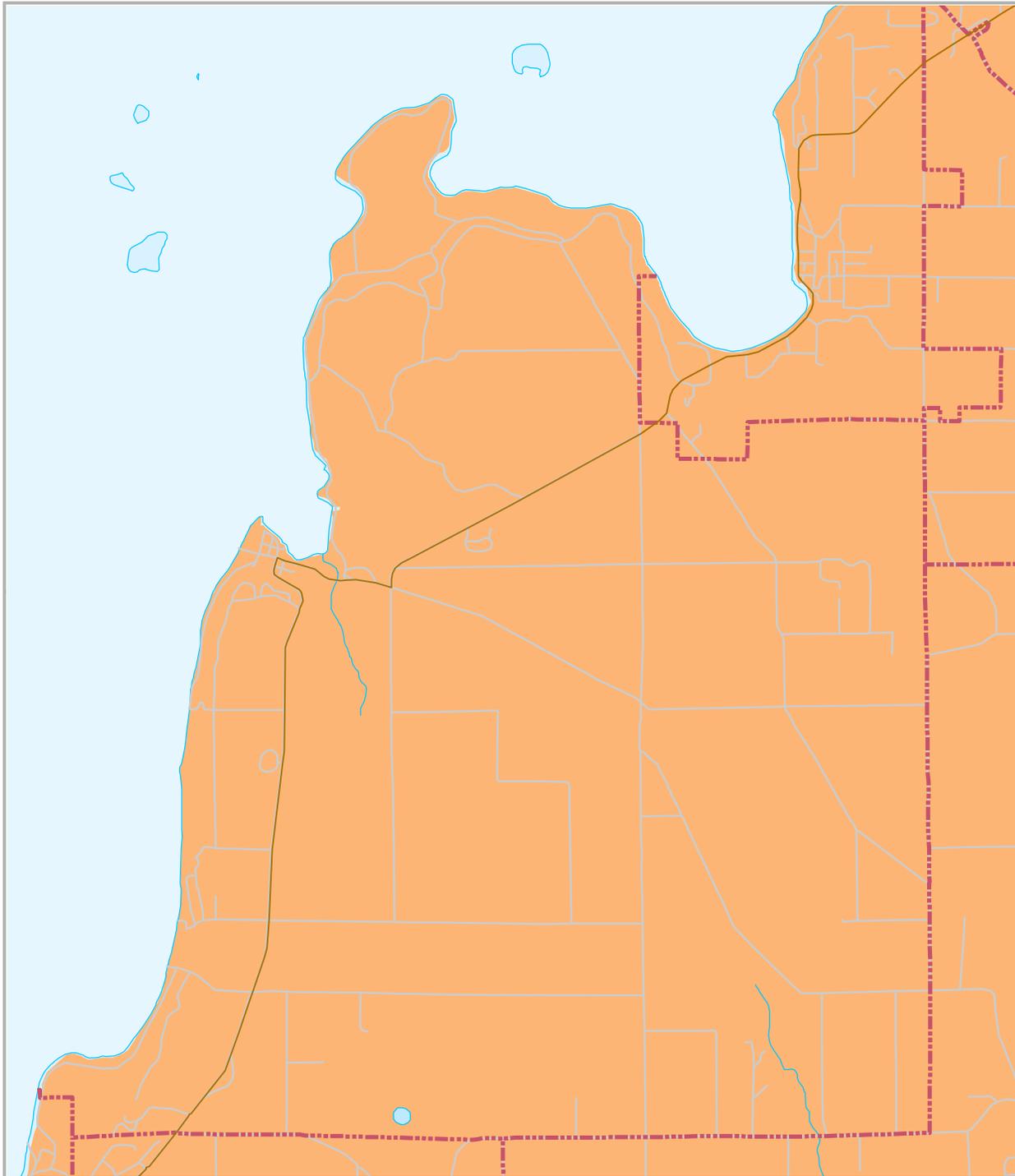
Town of Gibraltar

Door County
July 2012

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

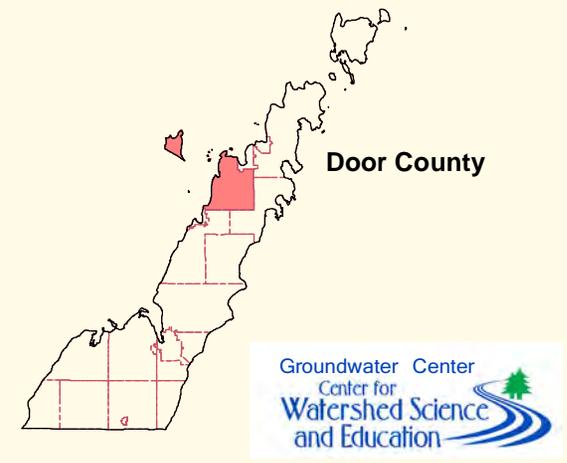
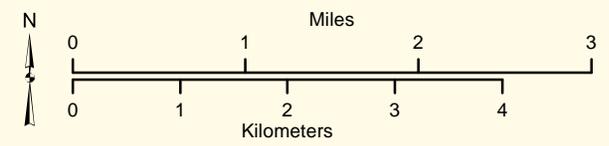




Town of Gibraltar

Door County
July 2012

Bedrock:
[Orange Box] Silurian dolomite



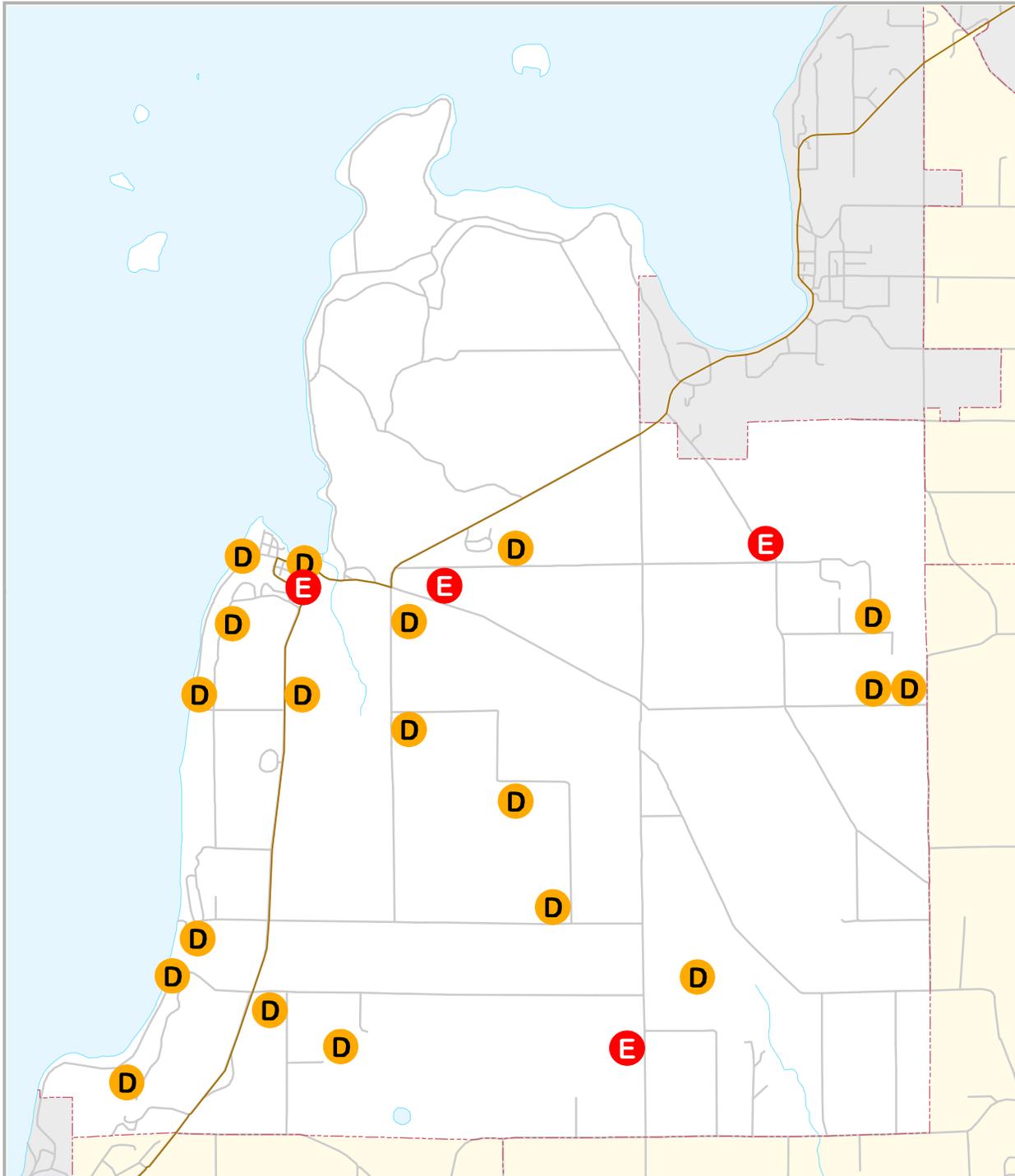
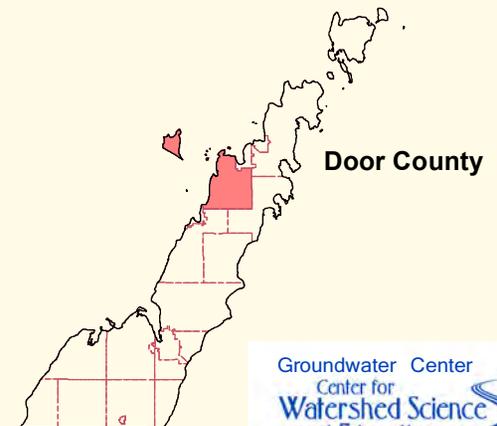
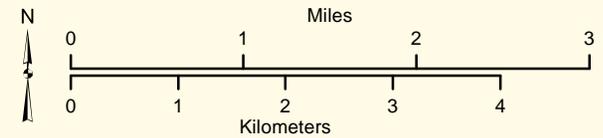
Town of Gibraltar

Door County
July 2012

CALCIUM (mg/l)

A None Detected	3	8 %
B ... 25	9	22 %
C 26 - 50	1	2 %
D 51 - 75	22	55 %
E 76 - 100	5	12 %
F 101 ...	0	0 %

Mapped value is the average unless otherwise indicated.
Treated samples not mapped.



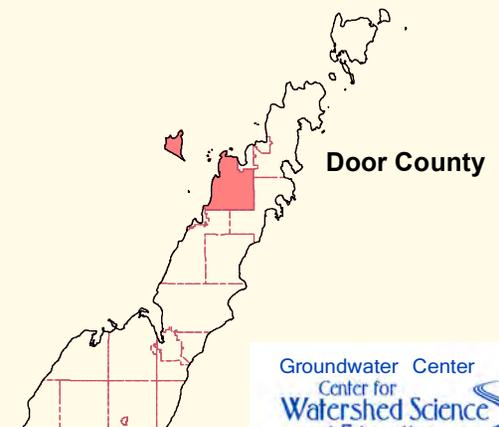
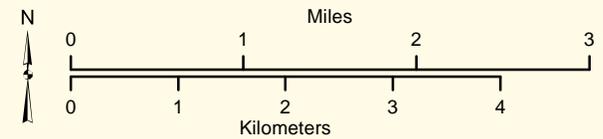
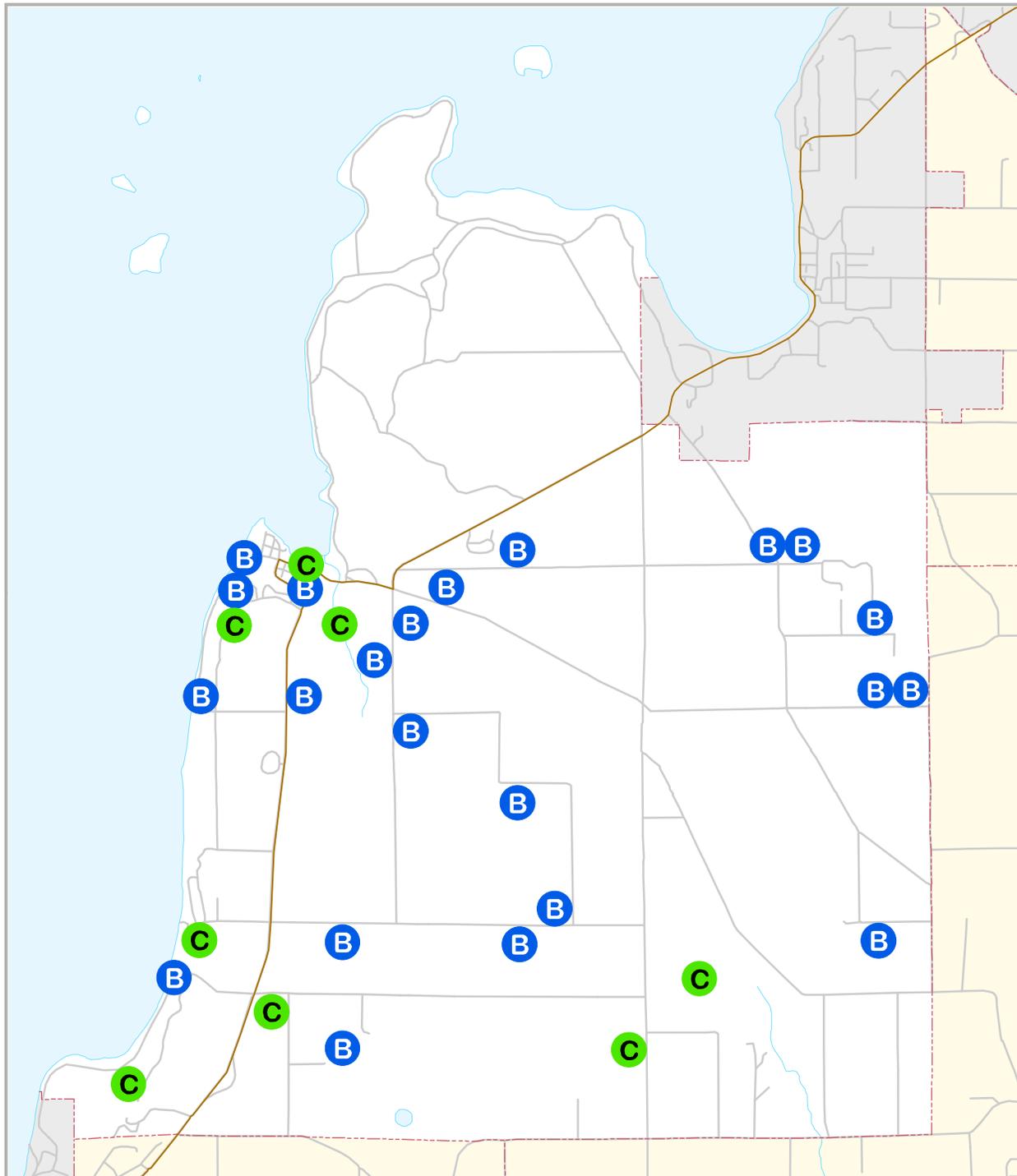
Town of Gibraltar

Door County
July 2012

CHLORIDE (ppm)

A	None Detected	0	0%
B	... 10	29	72%
C	11 - 50	11	28%
D	51 - 100	0	0%
E	101 - 200	0	0%
F	201 ...	0	0%

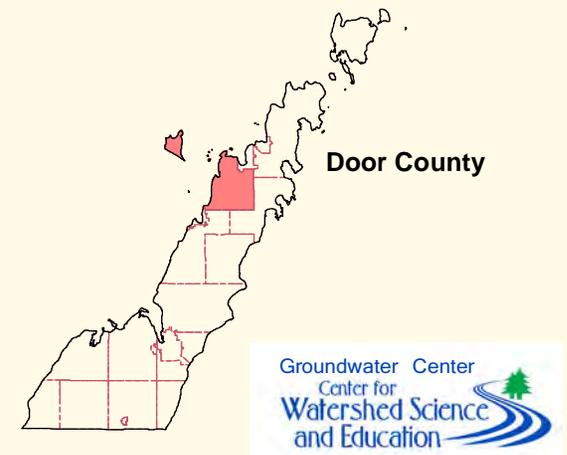
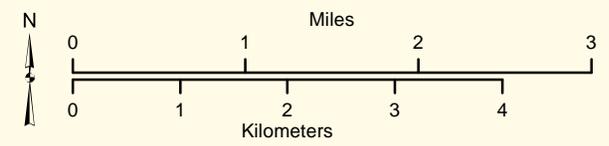
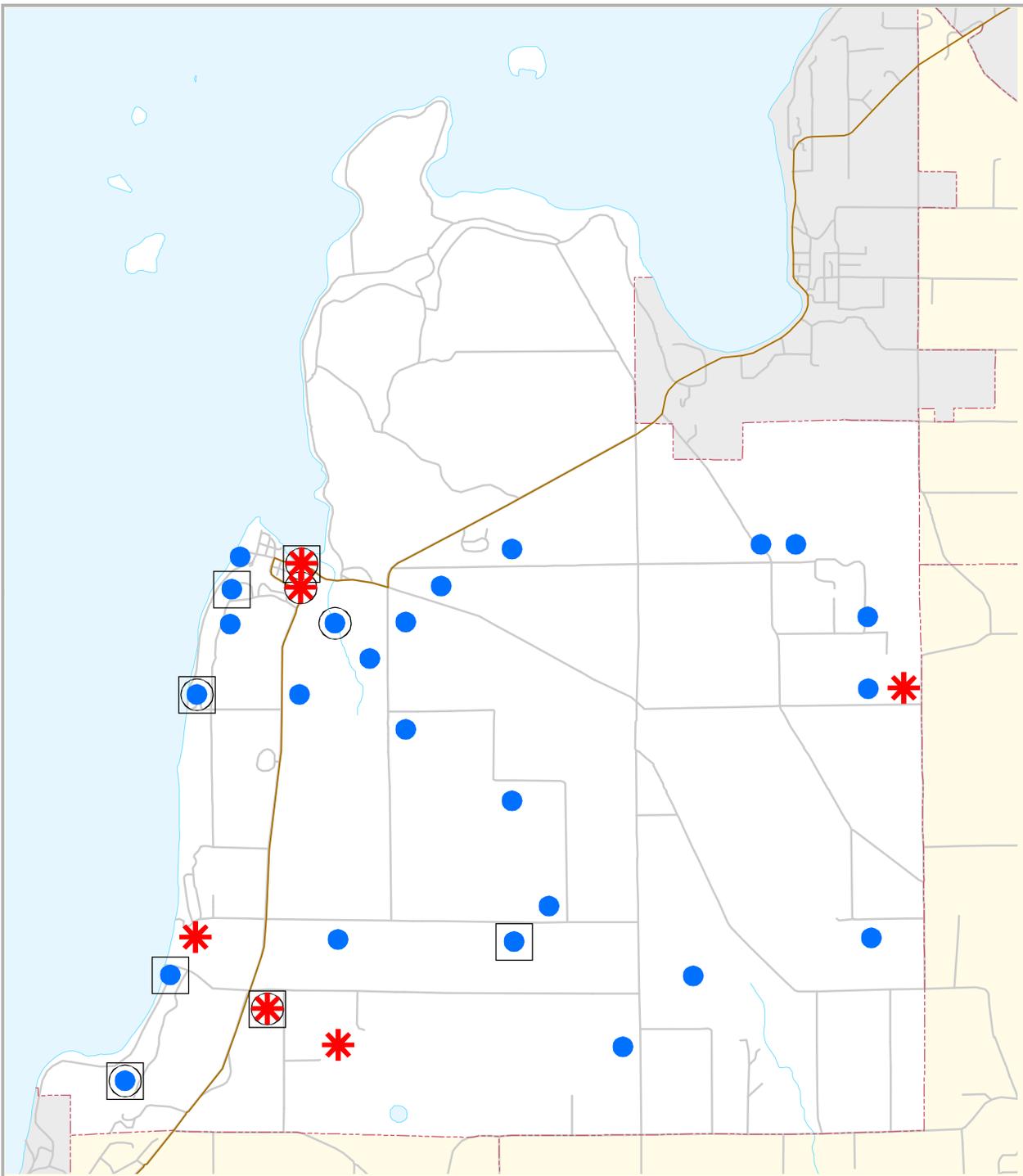
Mapped value is the average unless otherwise indicated.
Treated samples not mapped.



Town of Gibraltar

Door County
July 2012

- * Color Problem**
- Odor Problem**
- Taste Problem**



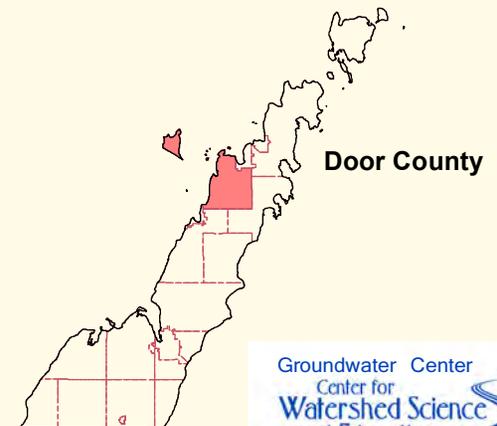
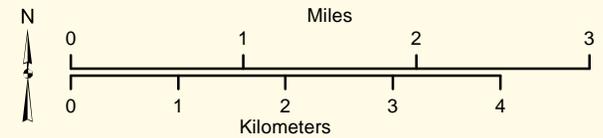
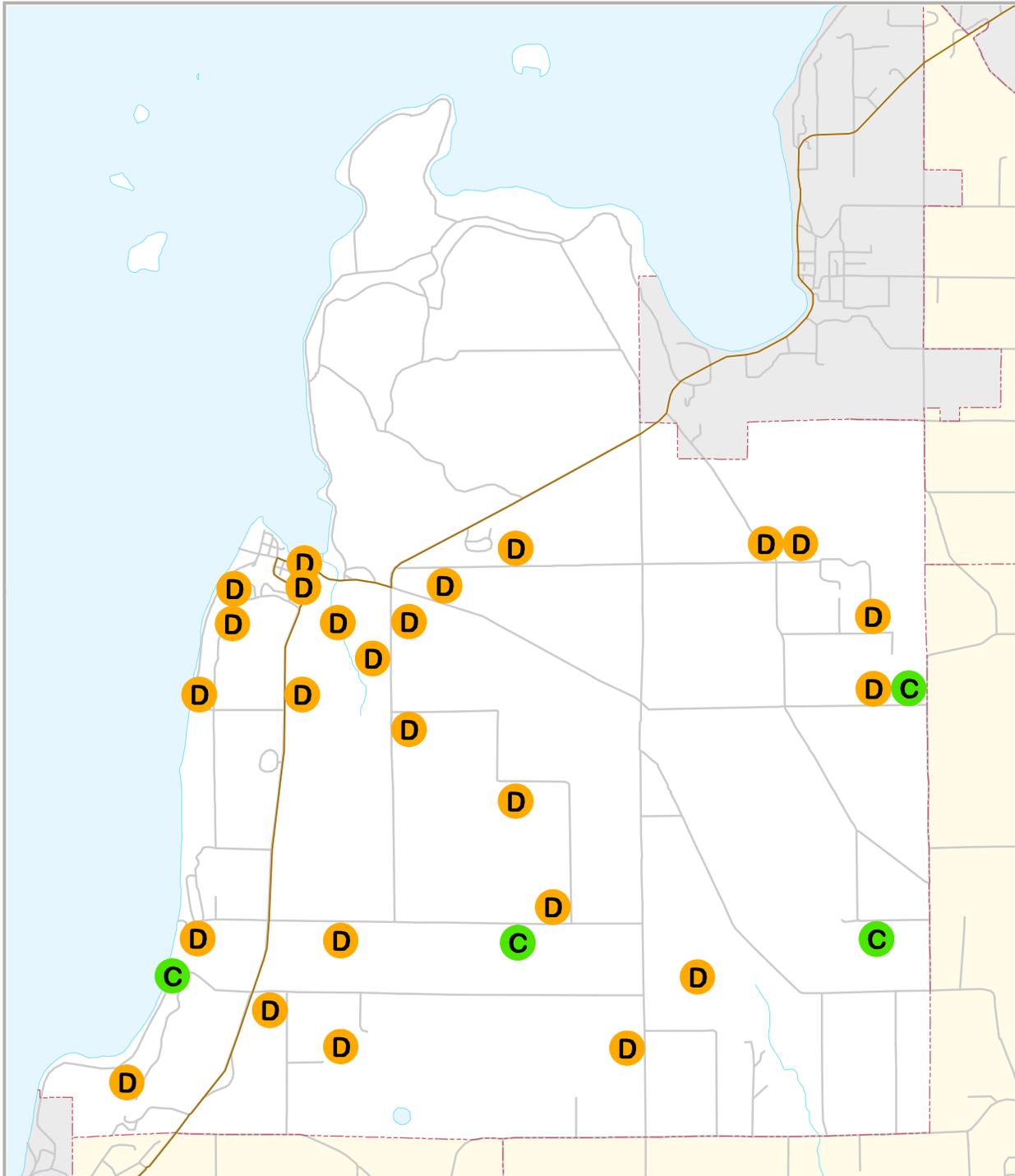
Town of Gibraltar

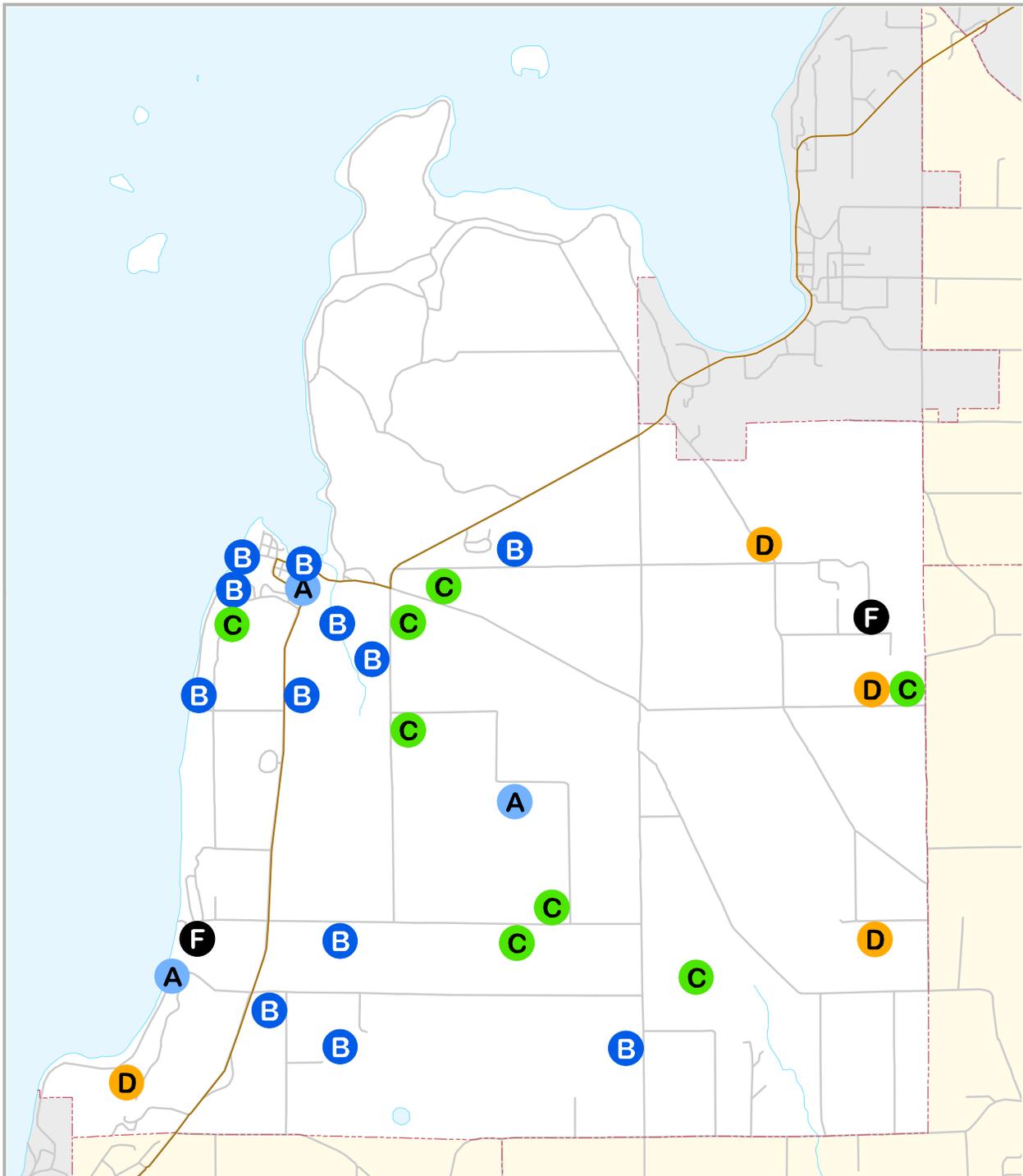
Door County
July 2012

CONDUCTIVITY (umhos/cm)

A	... 100	0	0%
B	101 - 250	0	0%
C	251 - 500	4	10%
D	501 - 750	35	88%
E	751 - 1000	0	0%
F	1001 ...	1	2%

Mapped value is the average unless otherwise indicated.
Treated samples not mapped.





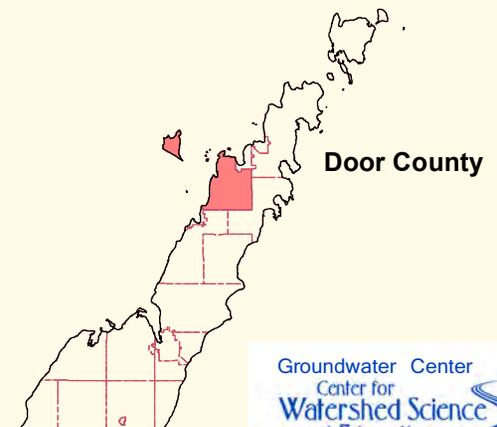
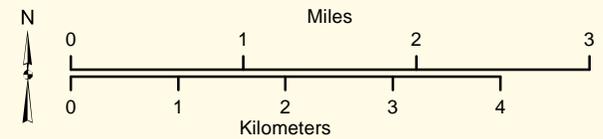
Town of Gibraltar

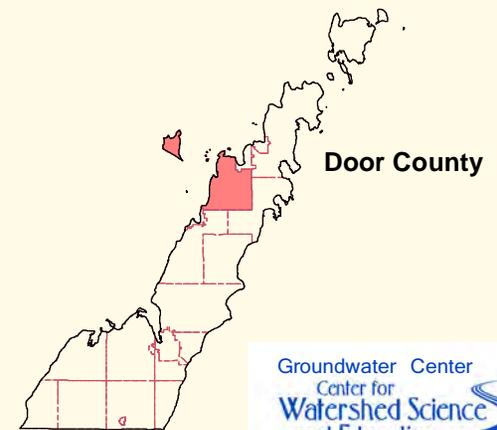
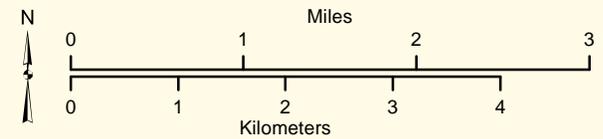
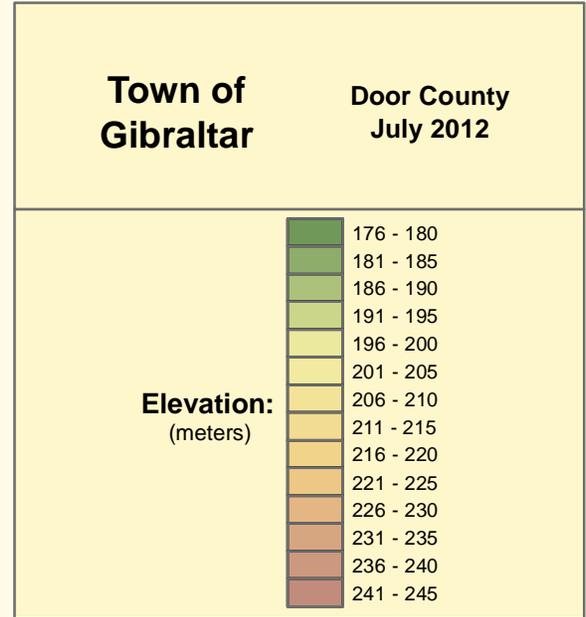
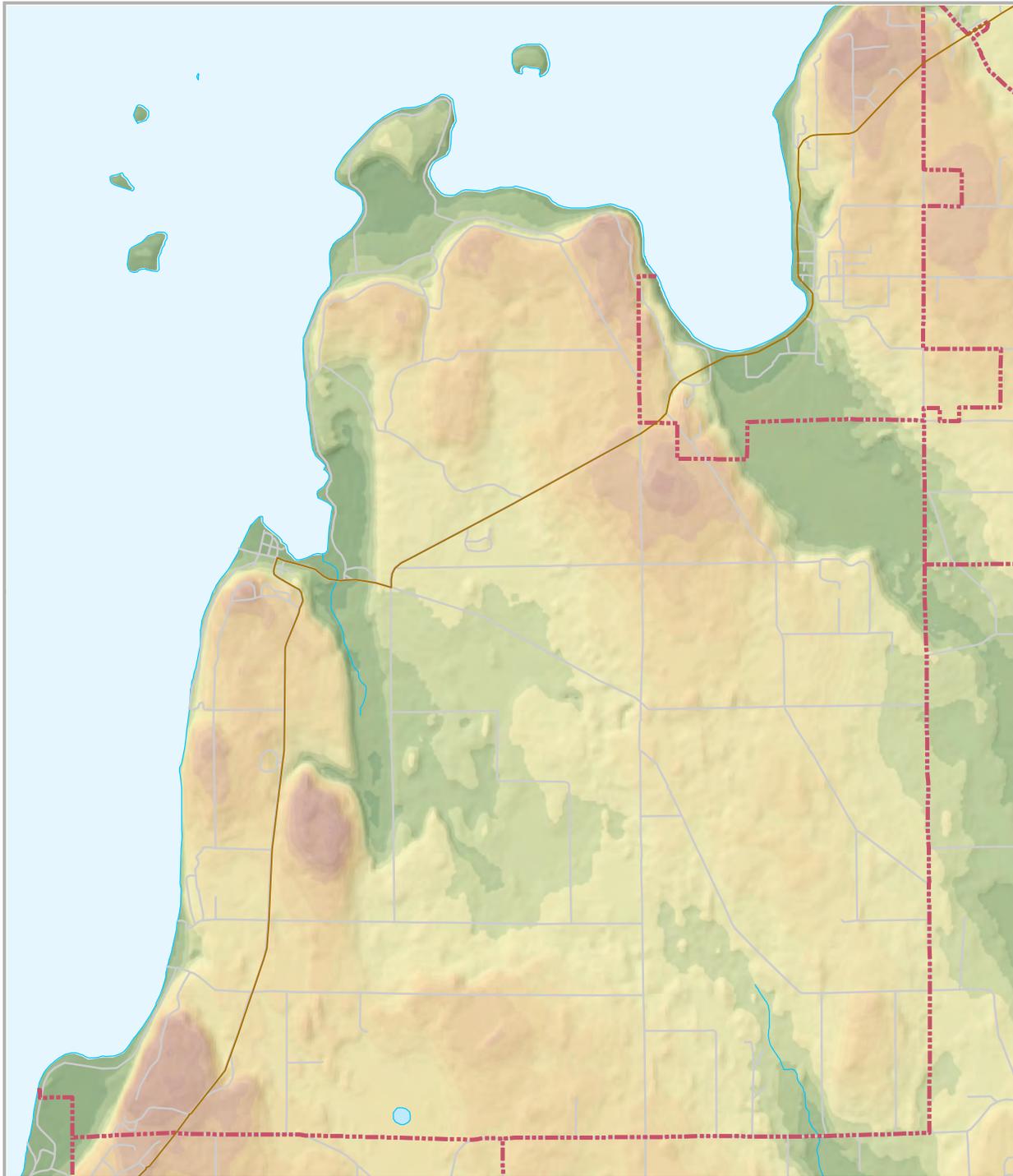
Door County
July 2012

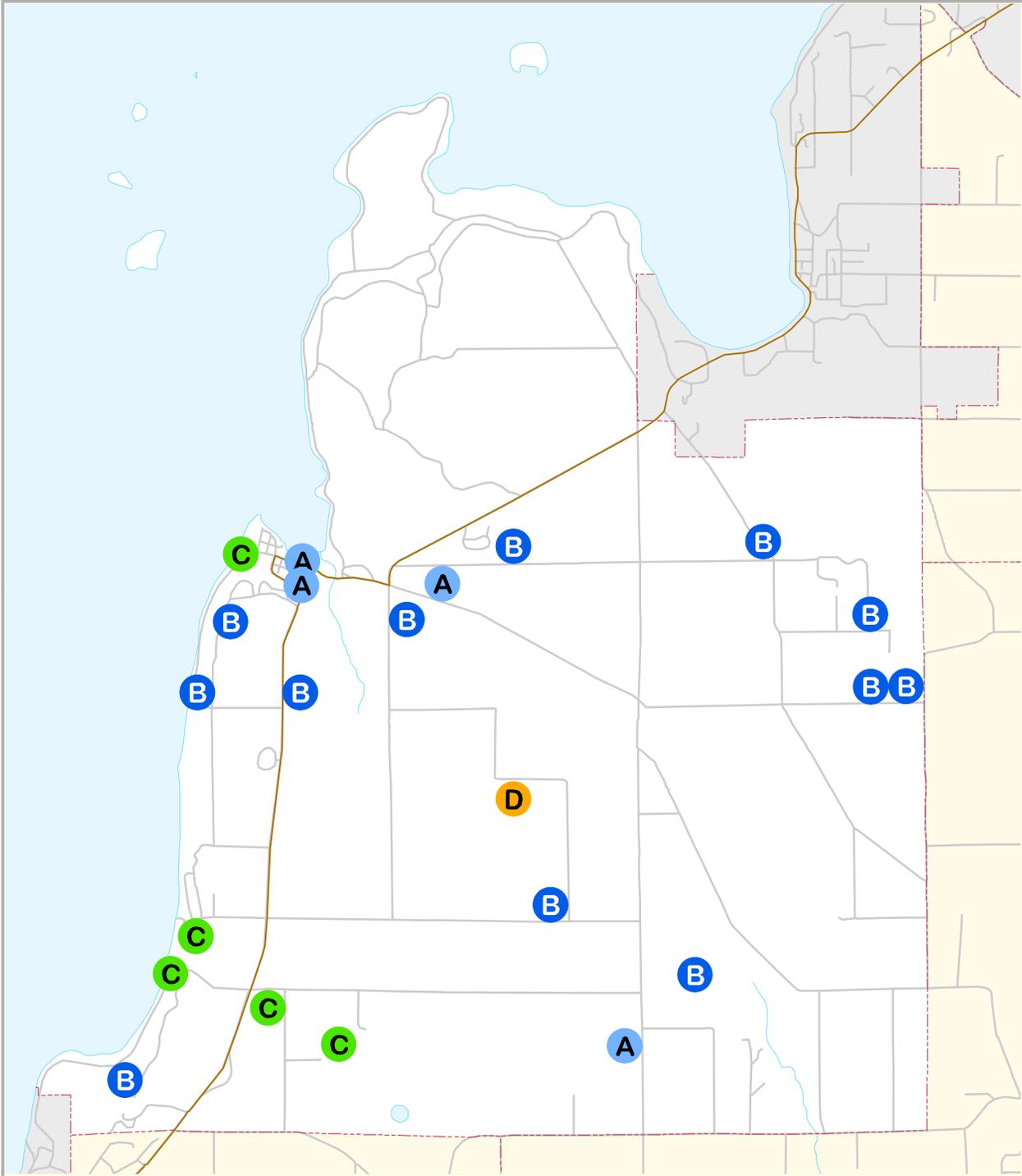
COPPER (mg/l)

A None Detected	3	8 %
B ... 0.130	22	55 %
C 0.131 - 0.500	8	20 %
D 0.501 - 0.900	4	10 %
E 0.901 - 1.300	0	0 %
F 1.301 ...	3	8 %

Mapped value is the average unless otherwise indicated.
Treated samples not mapped.







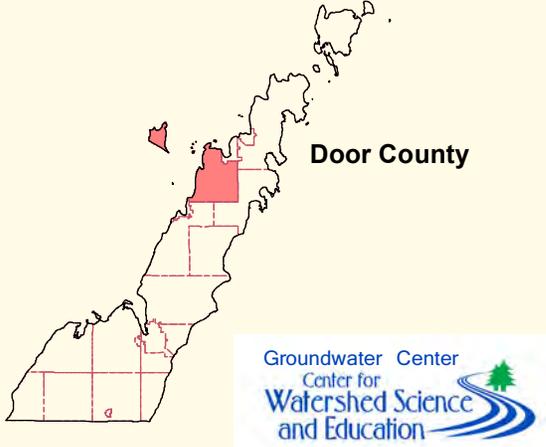
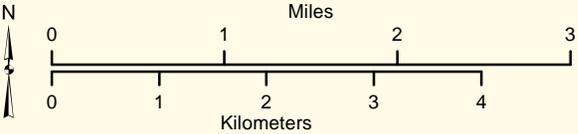
Town of Gibraltar

Door County
July 2012

IRON (mg/l)

A	None Detected	7	18 %
B	... 0.300	27	68 %
C	0.301 - 1.000	5	12 %
D	1.001 - 2.000	1	2 %
E	2.001 - 5.000	0	0 %
F	5.001 ...	0	0 %

Mapped value is the average unless otherwise indicated.
Treated samples not mapped.



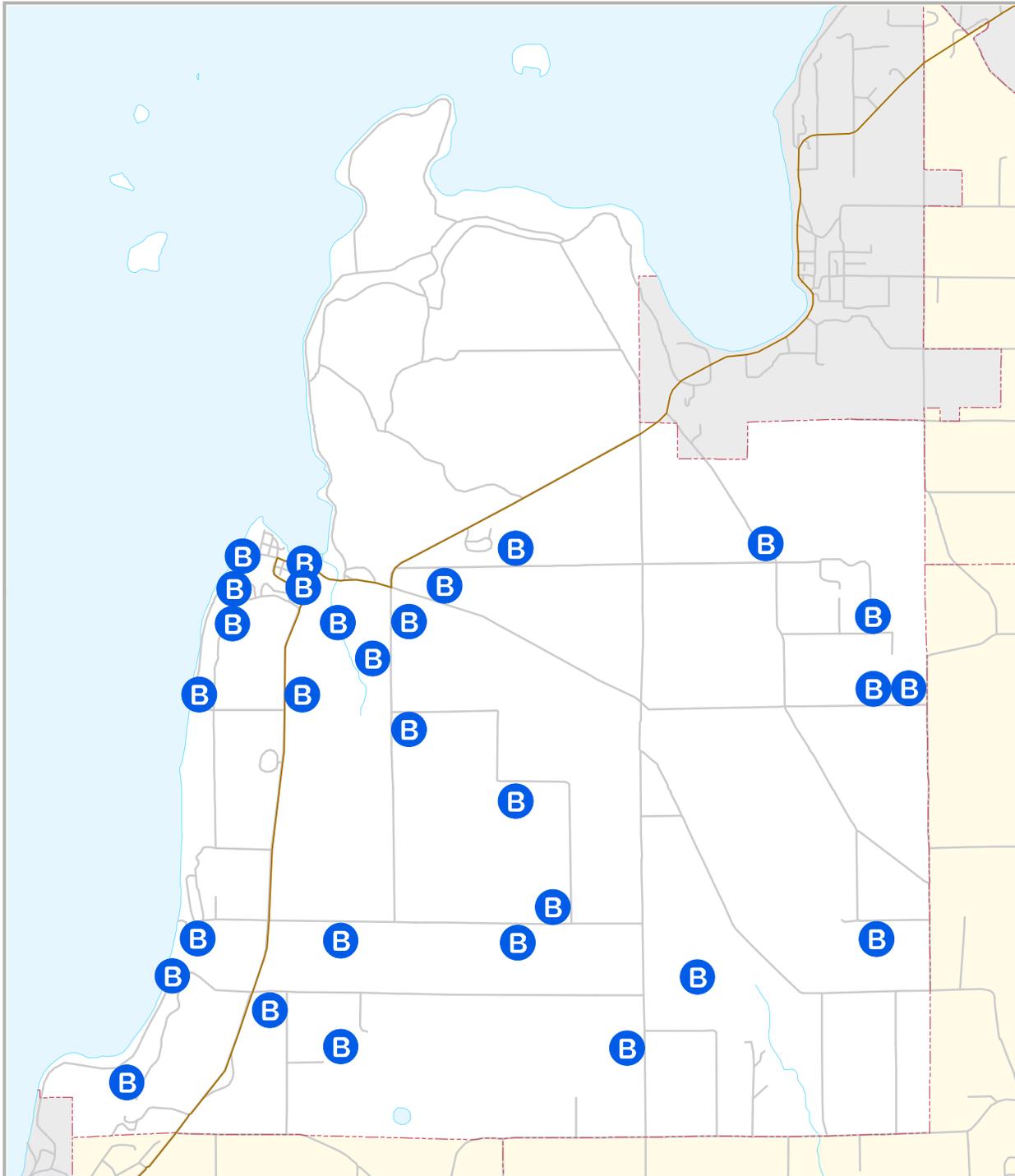
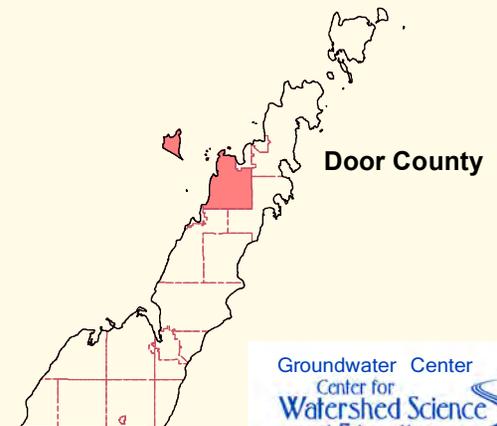
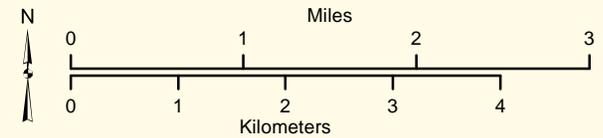
Town of Gibraltar

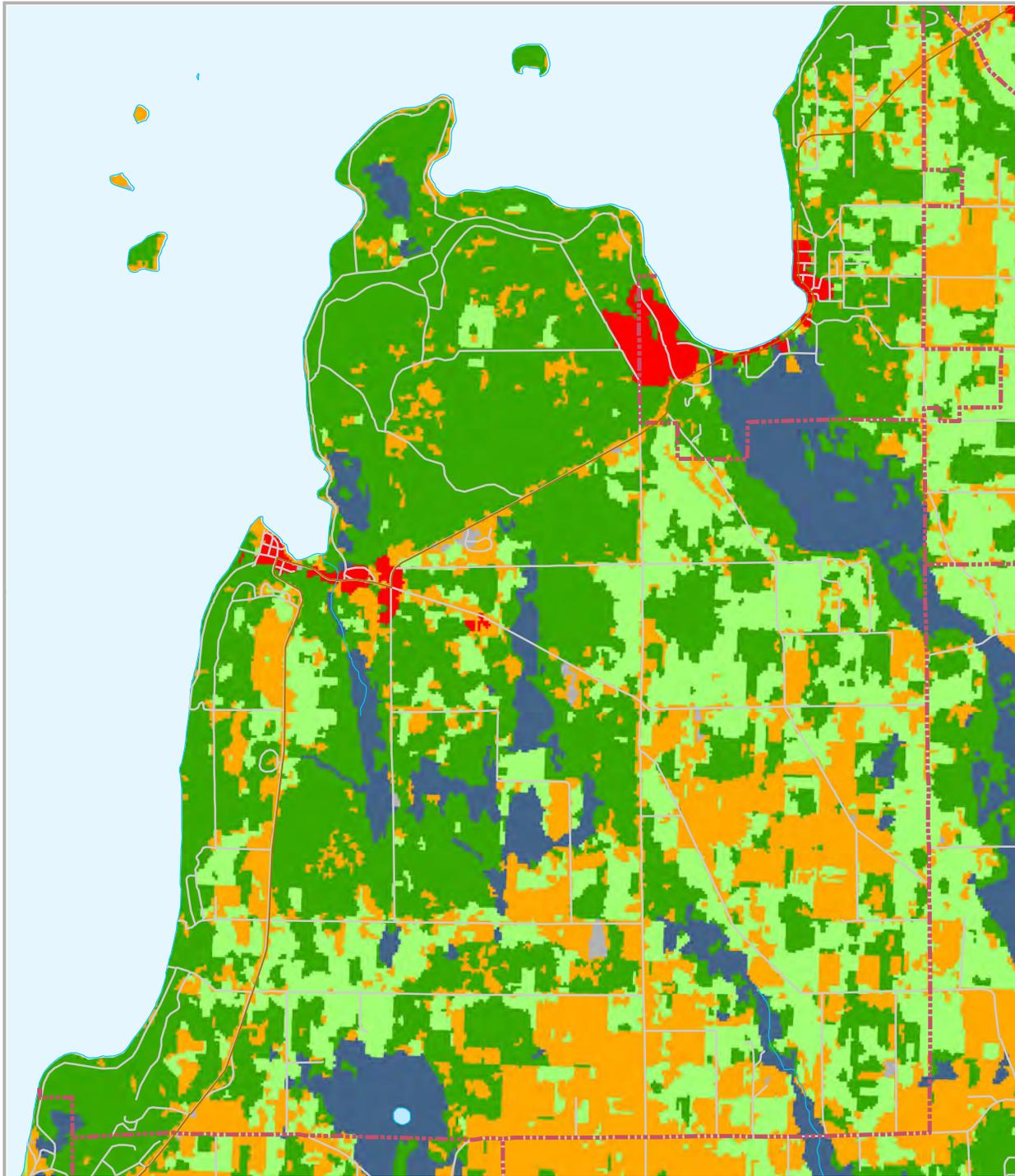
Door County
July 2012

POTASSIUM (mg/l)

A None Detected	1	2 %
B ... 20	39	98 %
C 21 - 40	0	0 %
D 41 - 60	0	0 %
E 61 - 80	0	0 %
F 81 ...	0	0 %

Mapped value is the average unless otherwise indicated.
Treated samples not mapped.

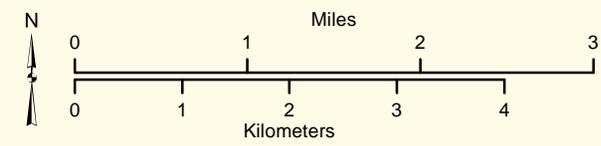




Town of Gibraltar Door County
 July 2012

Land Use:

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



An inset map of Door County, Wisconsin, is shown in the bottom right corner. The town of Gibraltar is highlighted in red on the western coast of the county. The text "Door County" is placed to the right of the map.

Door County

Groundwater Center
 Center for
**Watershed Science
 and Education**

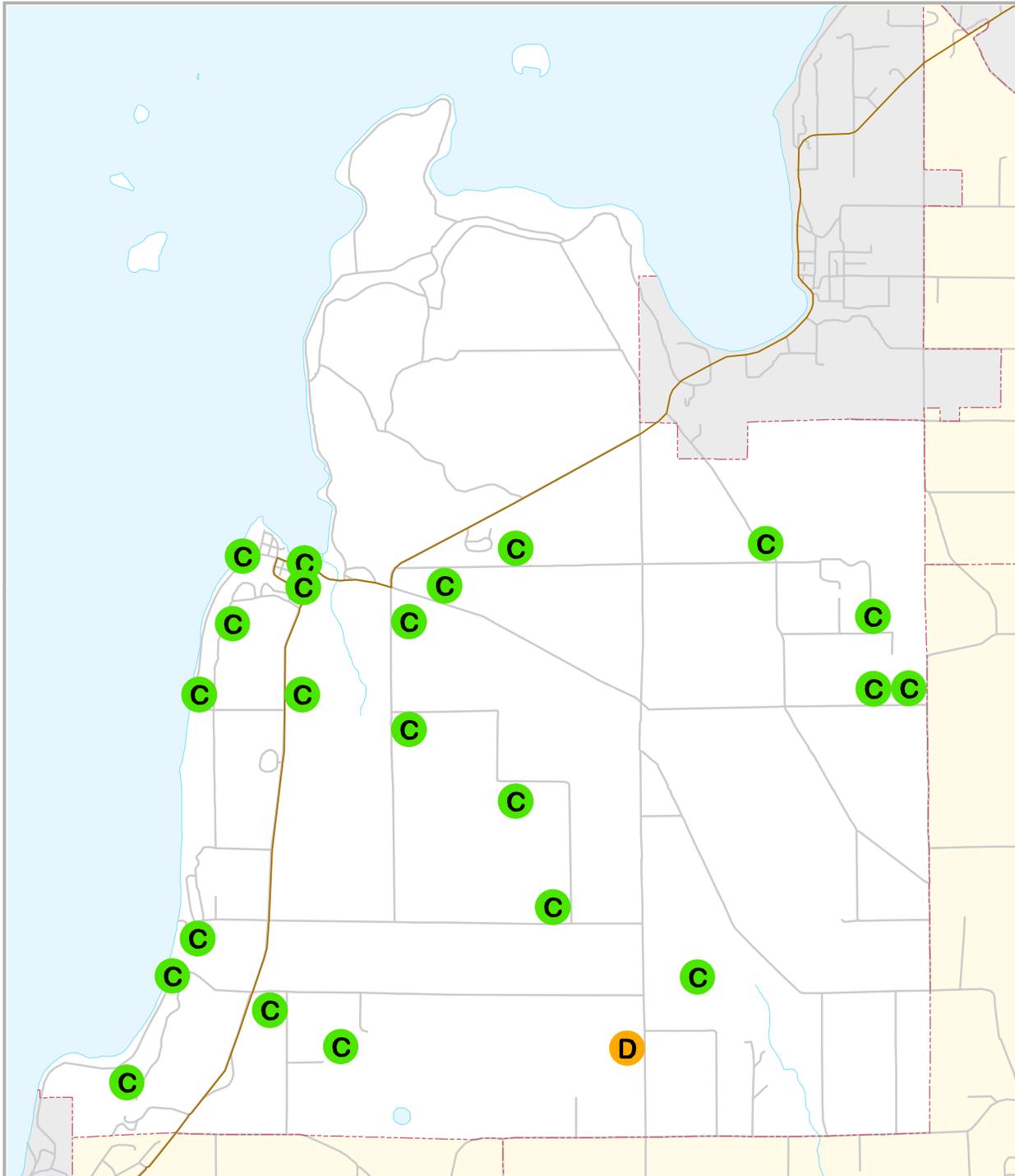
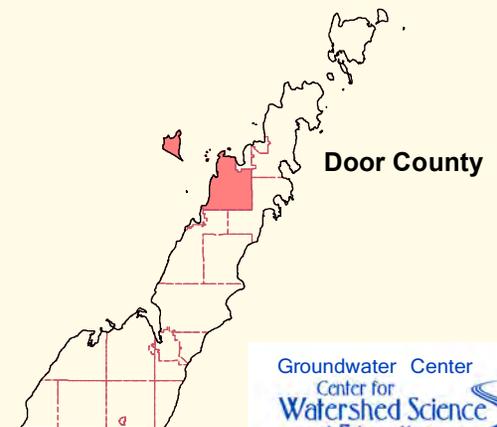
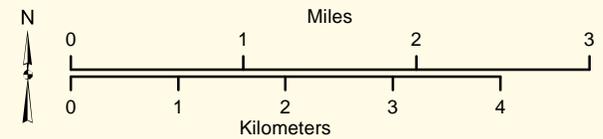
Town of Gibraltar

Door County
July 2012

MAGNESIUM (mg/l)

A None Detected	5	12 %
B ... 20	8	20 %
C 21 - 40	25	62 %
D 41 - 60	2	5 %
E 61 - 80	0	0 %
F 81 ...	0	0 %

Mapped value is the average unless otherwise indicated.
Treated samples not mapped.



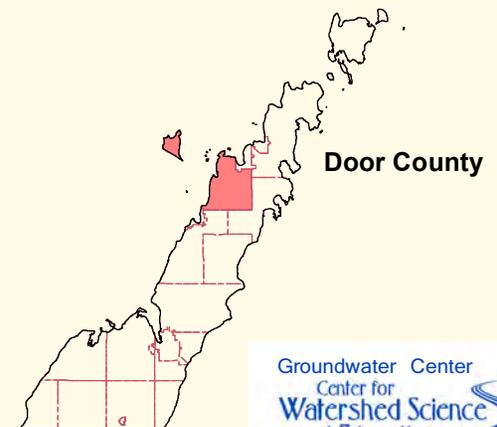
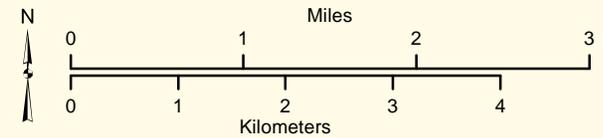
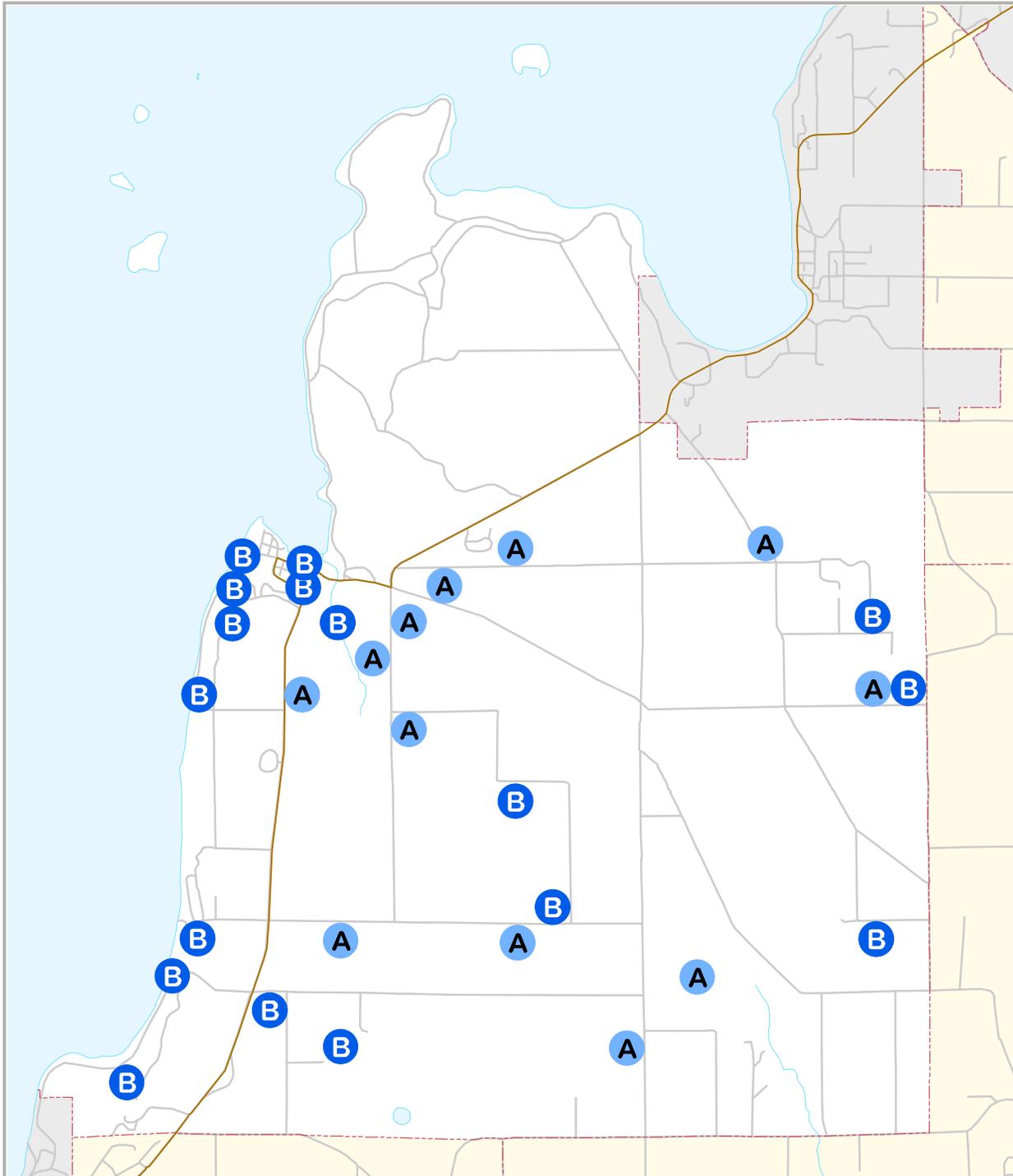
Town of Gibraltar

Door County
July 2012

MANGANESE (mg/l)

A None Detected	19	48 %
B ... 0.050	21	52 %
C 0.051 - 0.300	0	0 %
D 0.301 - 0.500	0	0 %
E 0.501 - 1.000	0	0 %
F 1.001 ...	0	0 %

Mapped value is the average unless otherwise indicated.
Treated samples not mapped.



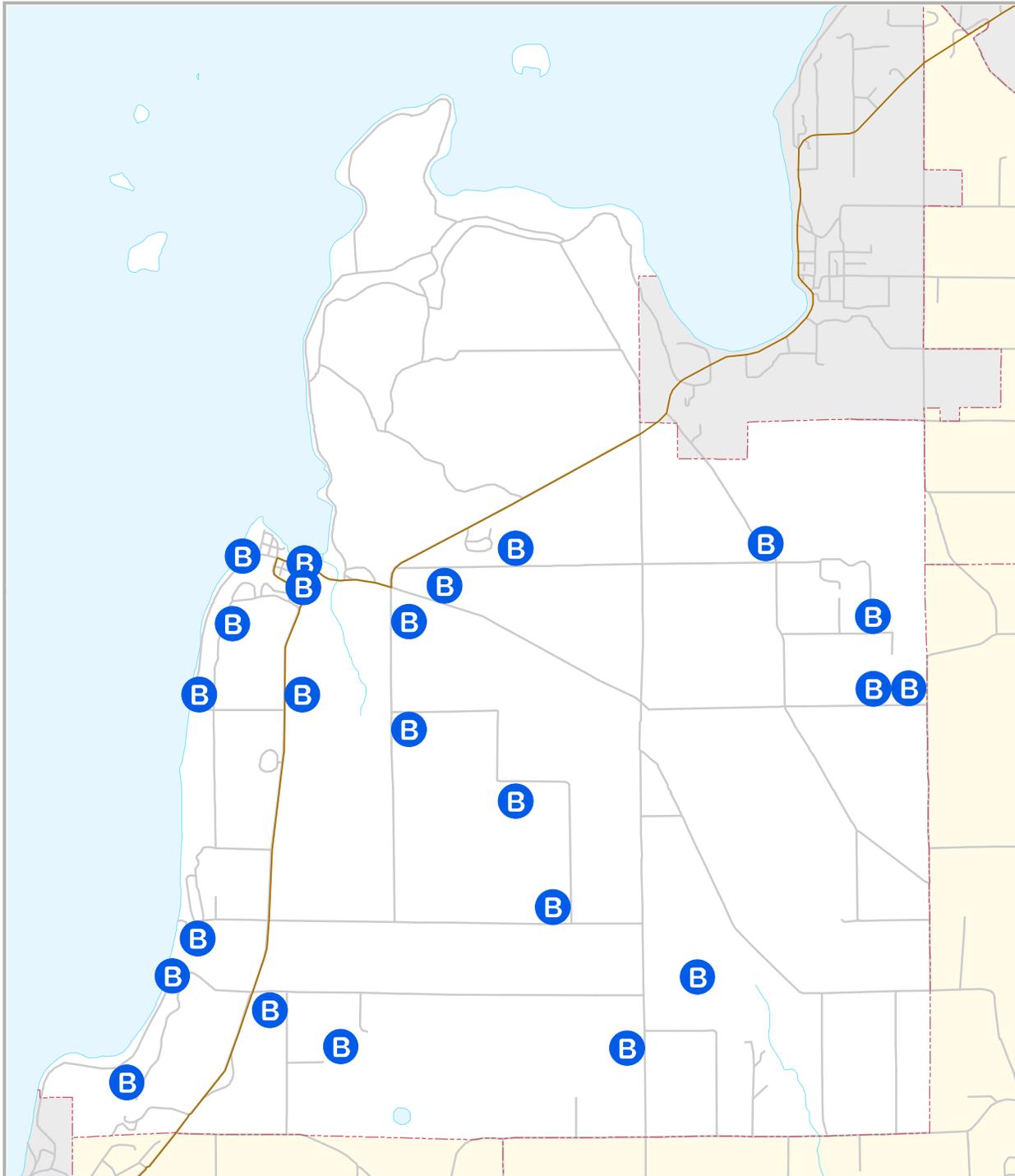
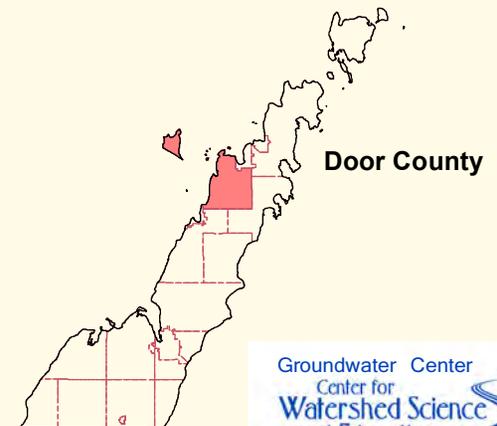
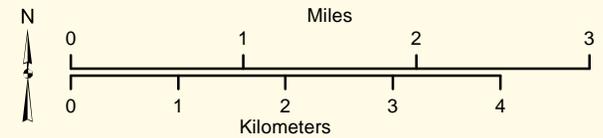
Town of Gibraltar

Door County
July 2012

SODIUM (mg/l)

A None Detected	1	2%
B ... 25	27	68%
C 26 - 50	0	0%
D 51 - 75	0	0%
E 76 - 100	2	5%
F 101 ...	10	25%

Mapped value is the average unless otherwise indicated.
Treated samples not mapped.



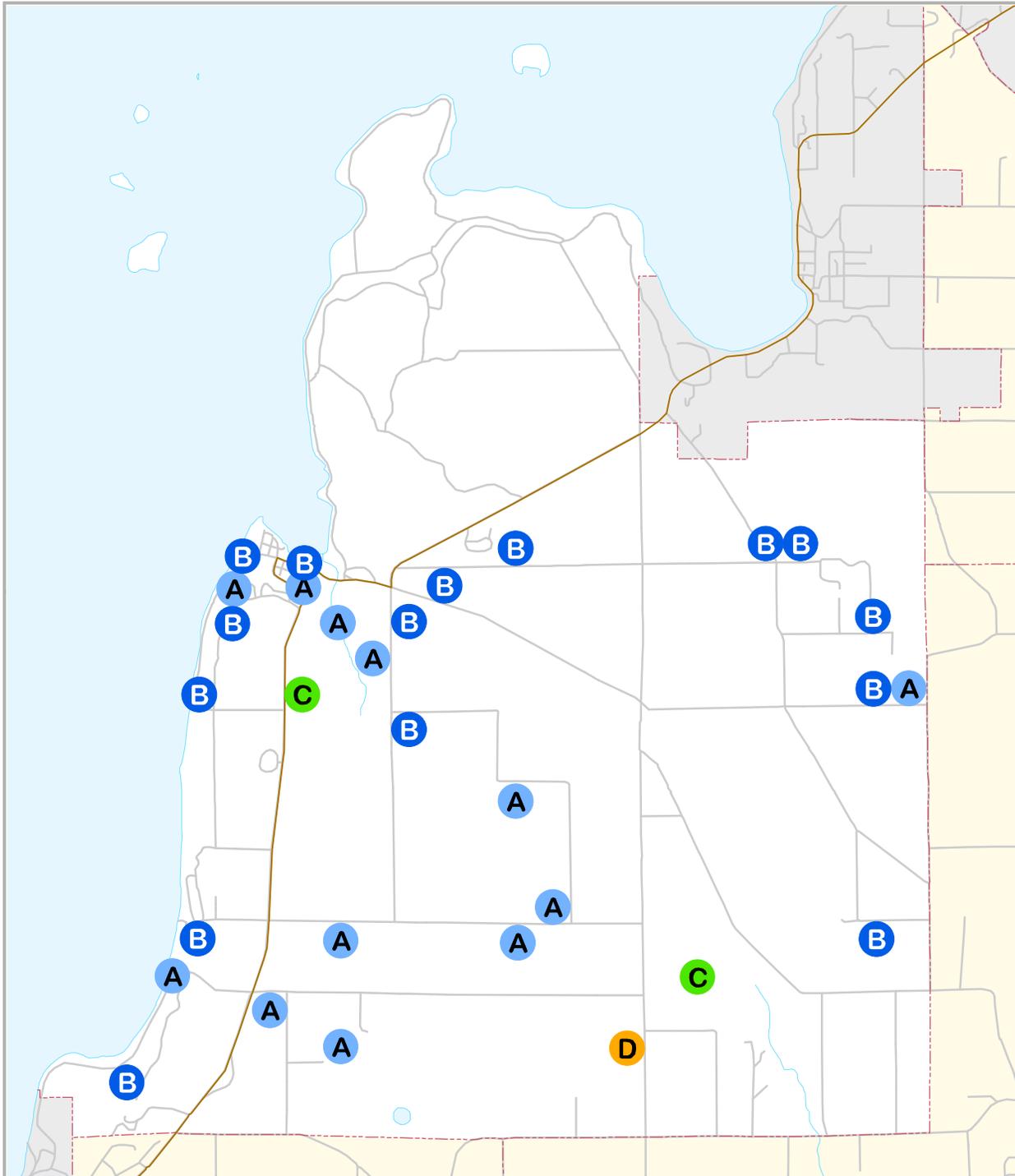
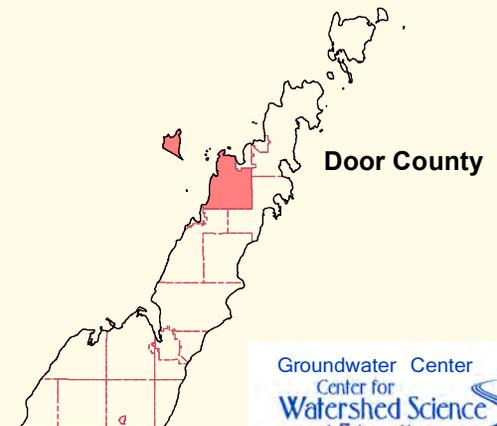
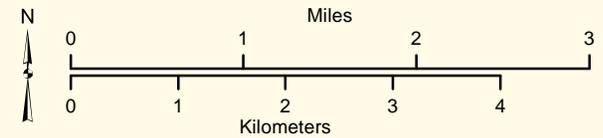
Town of Gibraltar

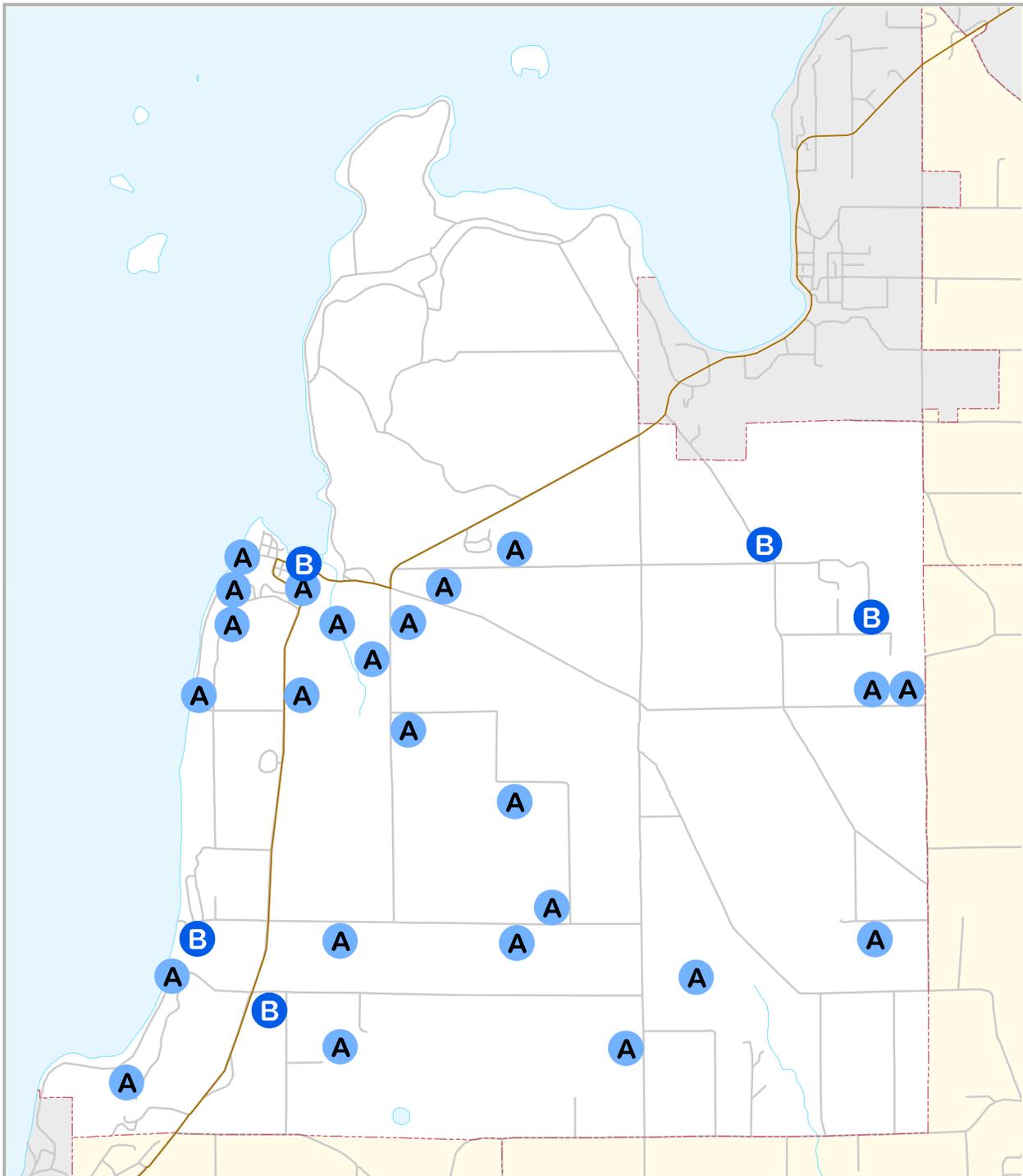
Door County
July 2012

NITRATE-NITRITE (ppm N)

A None Detected	19	48 %
B ... 2.0	18	45 %
C 2.1 - 5.0	2	5 %
D 5.1 - 10.0	1	2 %
E 10.1 - 20.0	0	0 %
F 20.1 ...	0	0 %

Mapped value is the average unless otherwise indicated.
Treated samples not mapped.





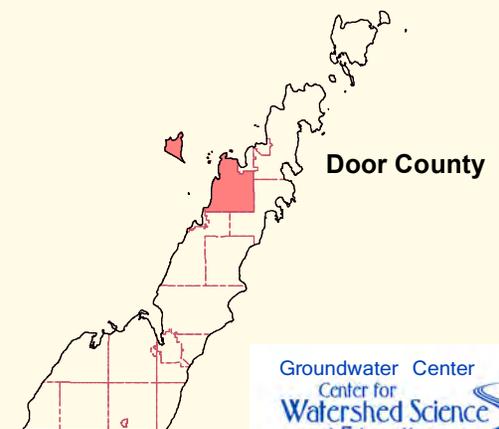
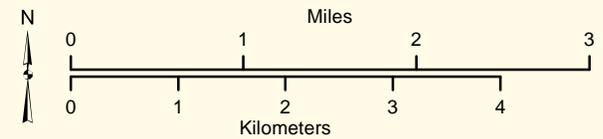
Town of Gibraltar

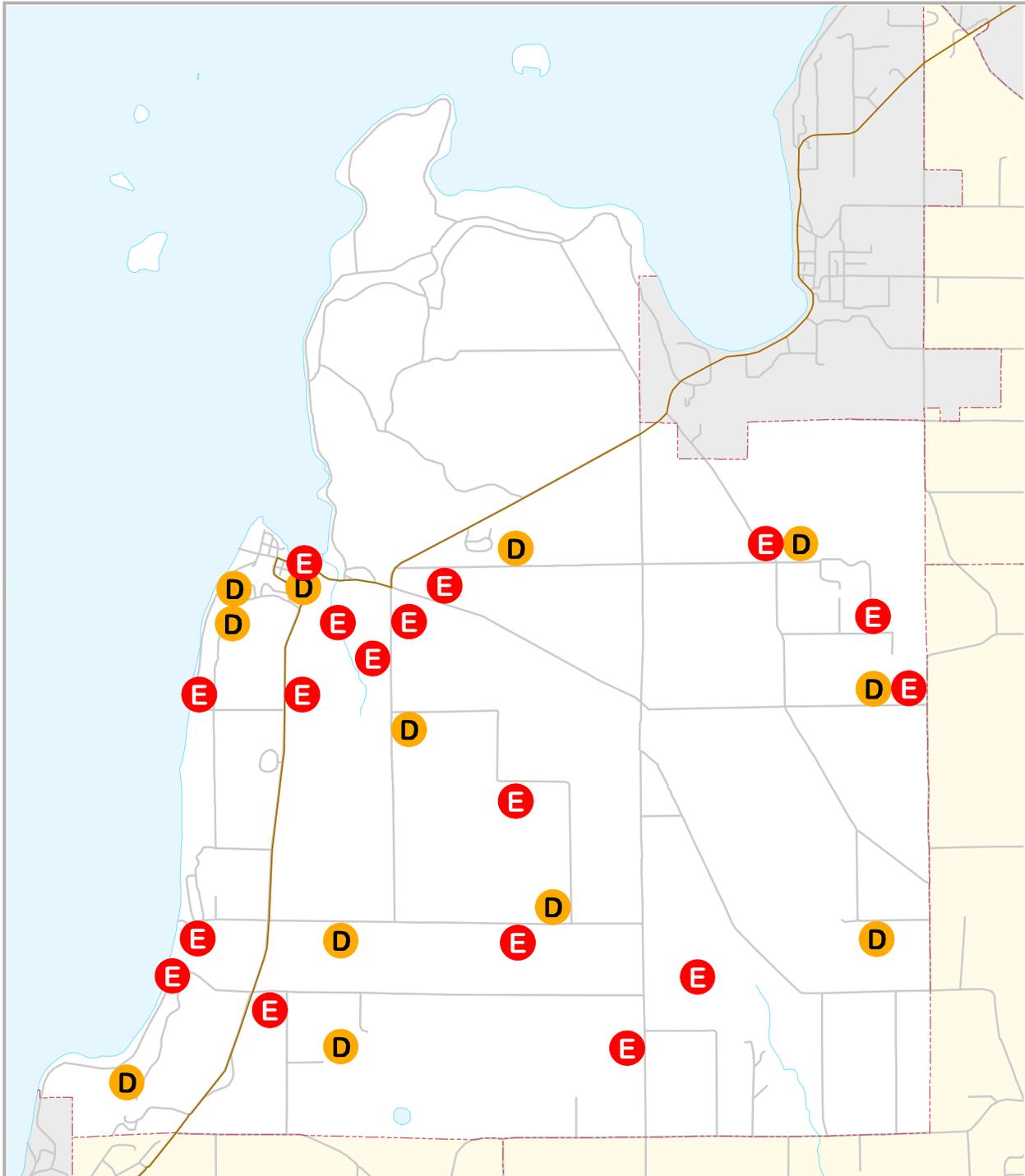
Door County
July 2012

LEAD (mg/l)

A	None Detected	35	88 %
B	... 0.015	5	12 %
C	0.016 - 0.025	0	0 %
D	0.026 - 0.050	0	0 %
E	0.051 - 0.100	0	0 %
F	0.101 ...	0	0 %

Mapped value is the average unless otherwise indicated.
Treated samples not mapped.



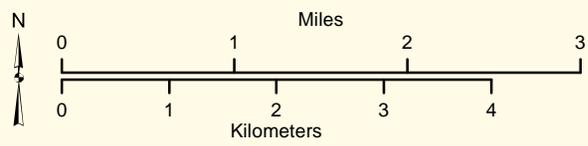


Town of Gibraltar **Door County**
July 2012

pH

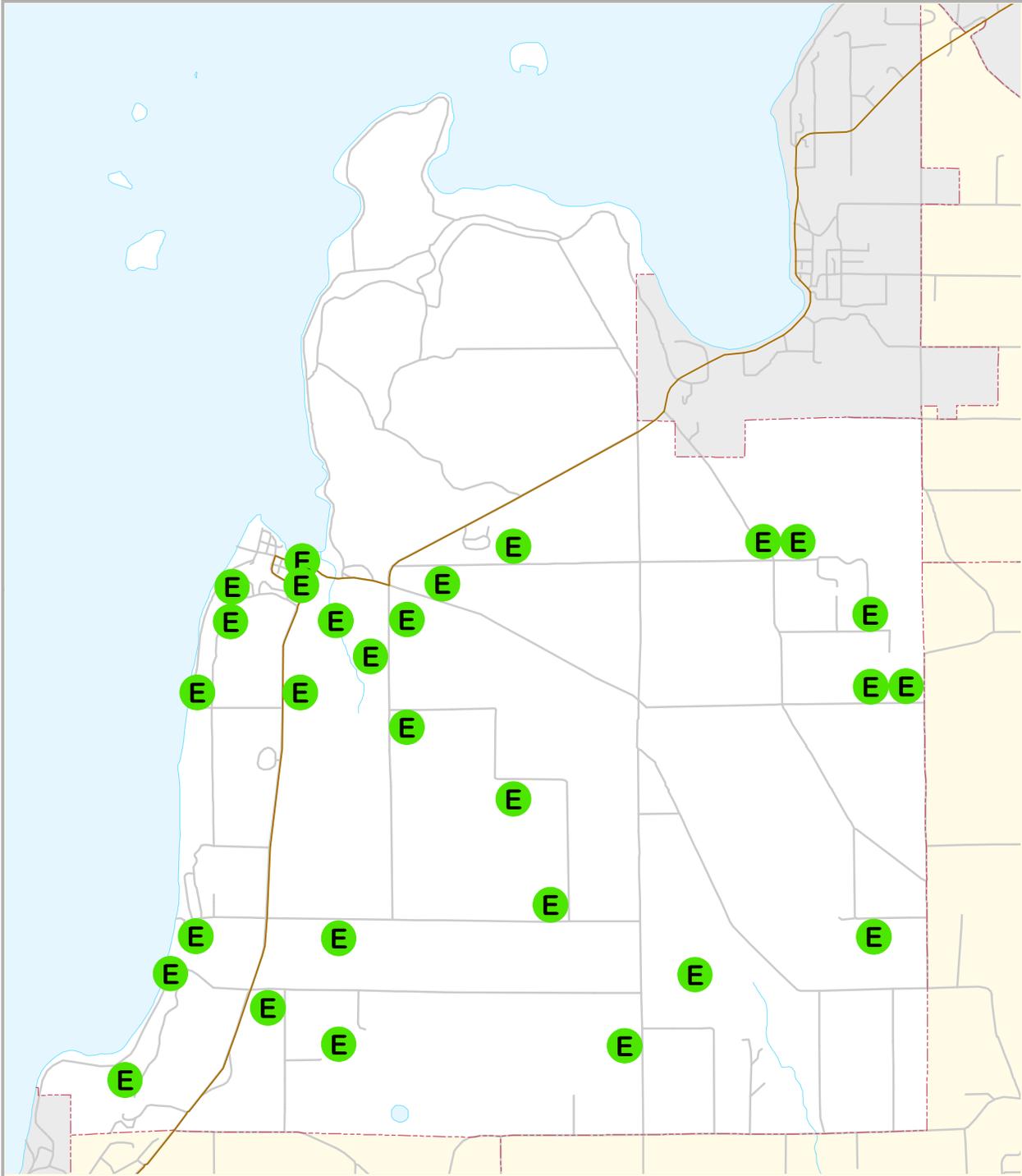
A ... 5.00	0	0%
B 5.01 - 6.00	0	0%
C 6.01 - 7.00	0	0%
D 7.01 - 8.00	14	35%
E 8.01 - 9.00	25	62%
F 9.01 ...	1	2%

Mapped value is the average unless otherwise indicated.
Treated samples not mapped.



Door County

Groundwater Center
Center for
**Watershed Science
and Education**



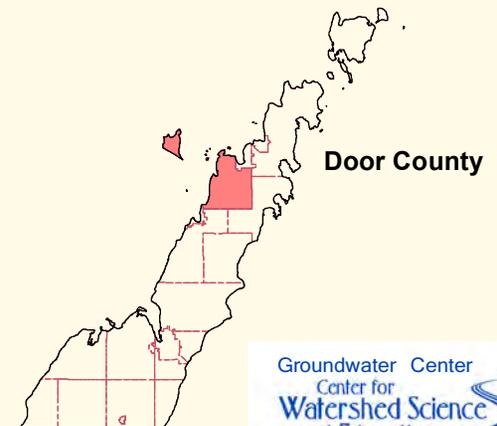
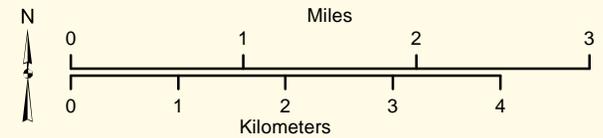
Town of Gibraltar

Door County
July 2012

SI (Saturation Index)

A	... -3.0	0	0%
B	-2.9 - -2.0	0	0%
C	-1.9 - -1.0	3	8%
D	-0.9 - 0.0	0	0%
E	0.1 - 1.0	36	90%
F	1.1 ...	1	2%

Mapped value is the average unless otherwise indicated.
Treated samples not mapped.



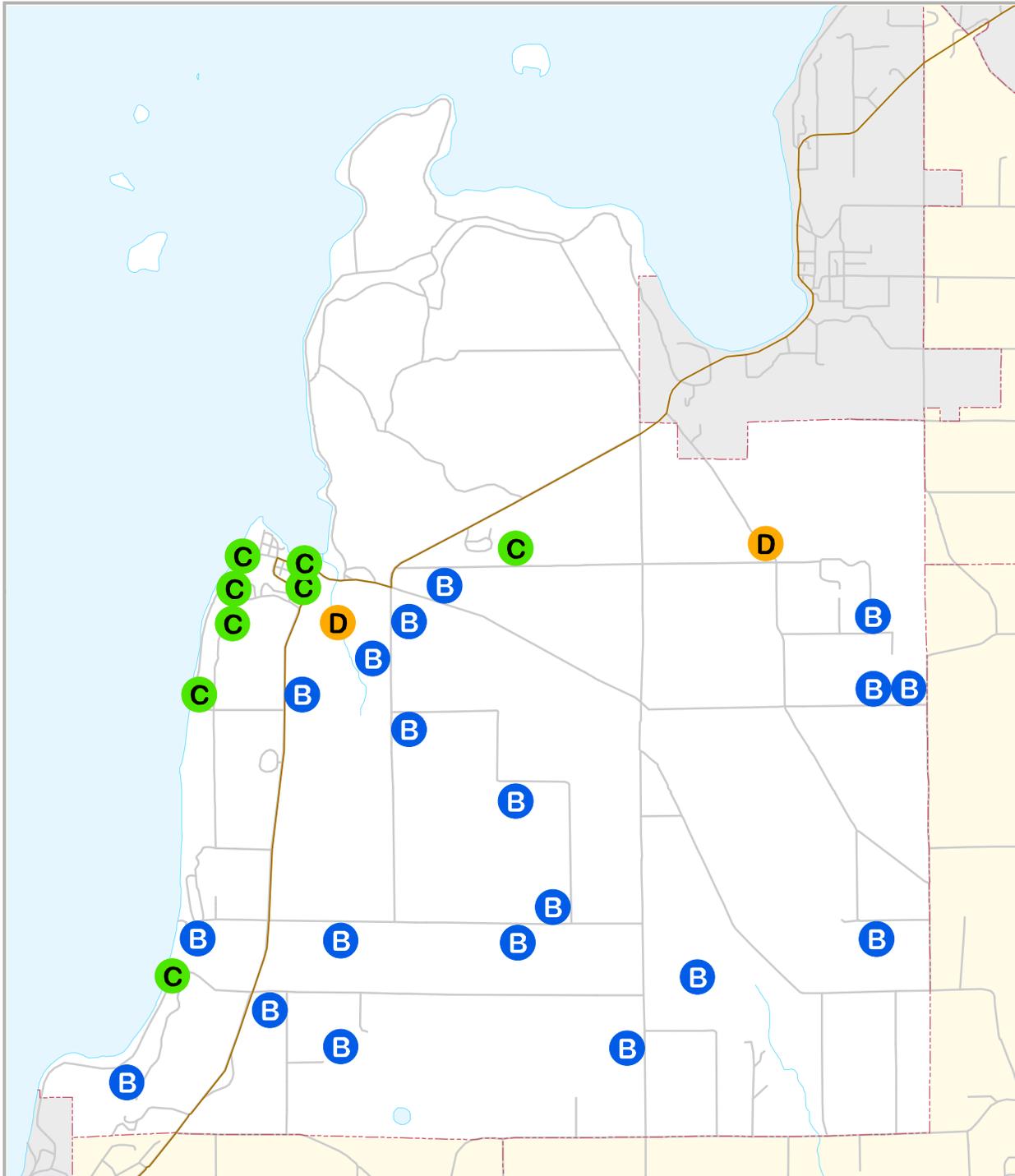
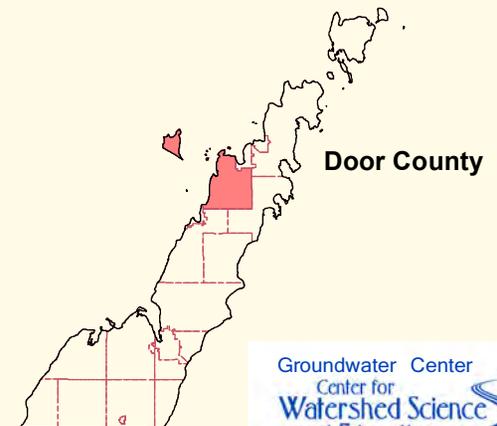
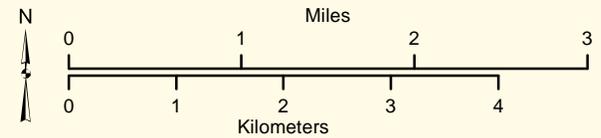
Town of Gibraltar

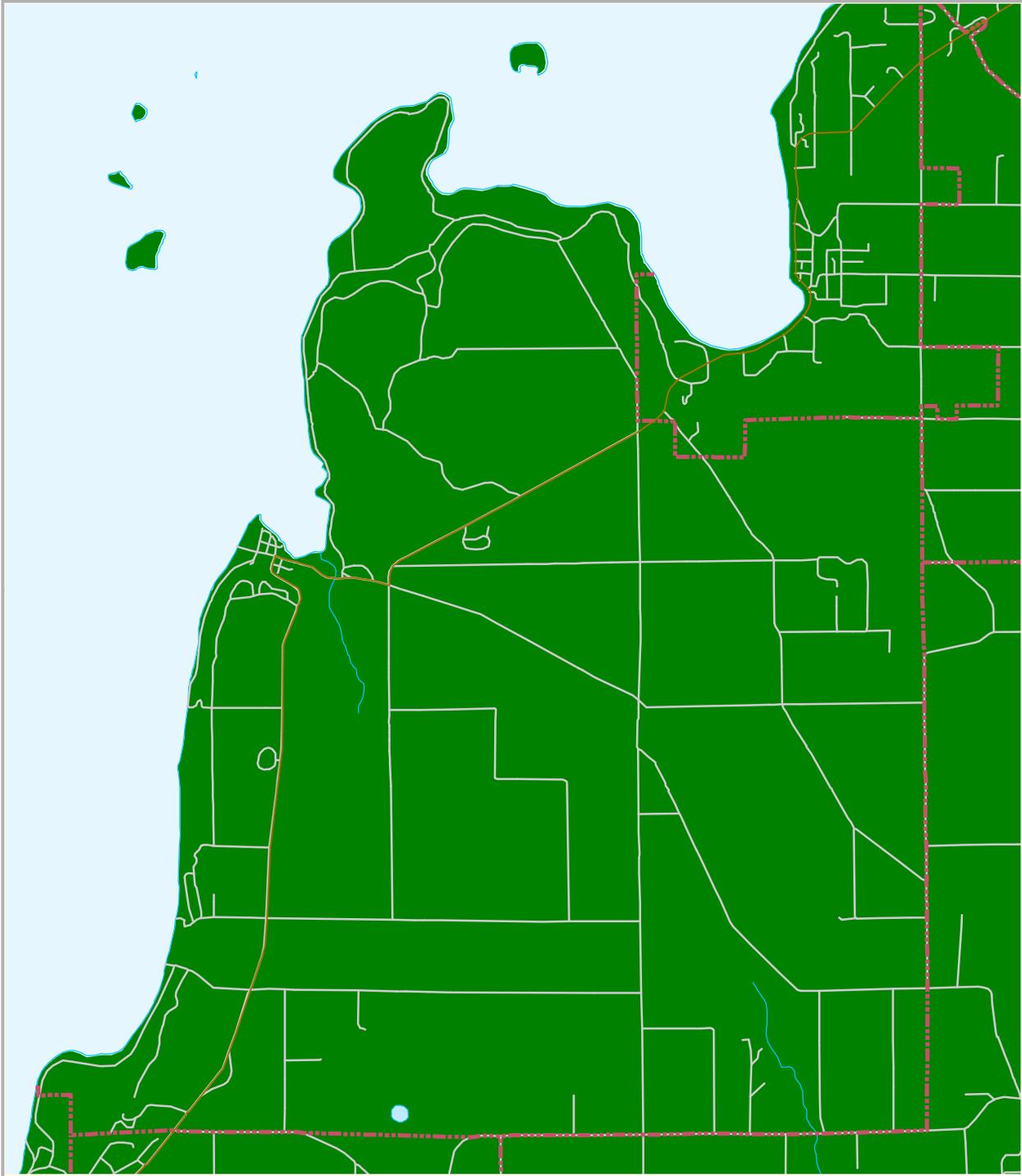
Door County
July 2012

SULFATE (mg/l)

A None Detected	0	0%
B ...25	25	62%
C 26 - 50	13	32%
D 51 - 75	2	5%
E 76 - 100	0	0%
F 101 ...	0	0%

Mapped value is the average unless otherwise indicated.
Treated samples not mapped.



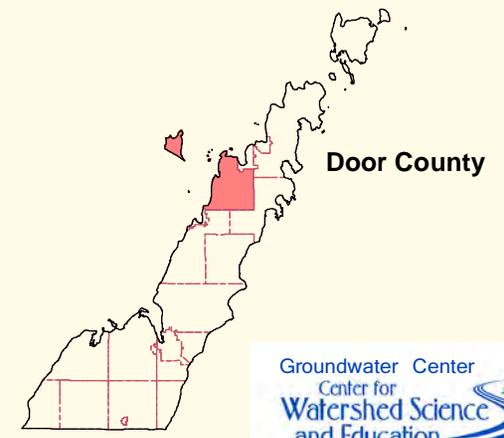
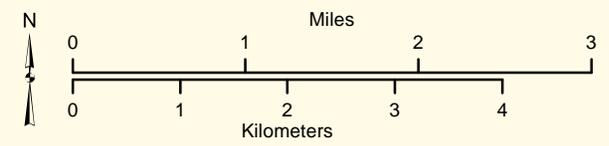


Town of Gibraltar

Door County
July 2012

Surficial Deposits:

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



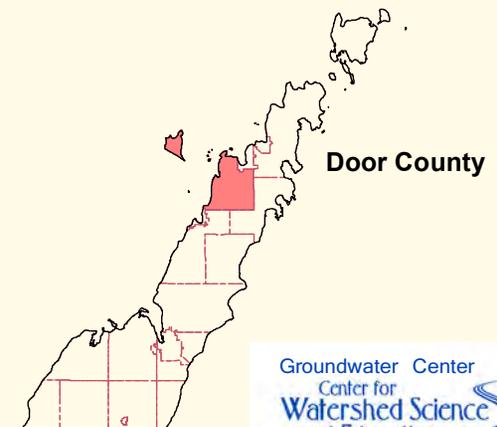
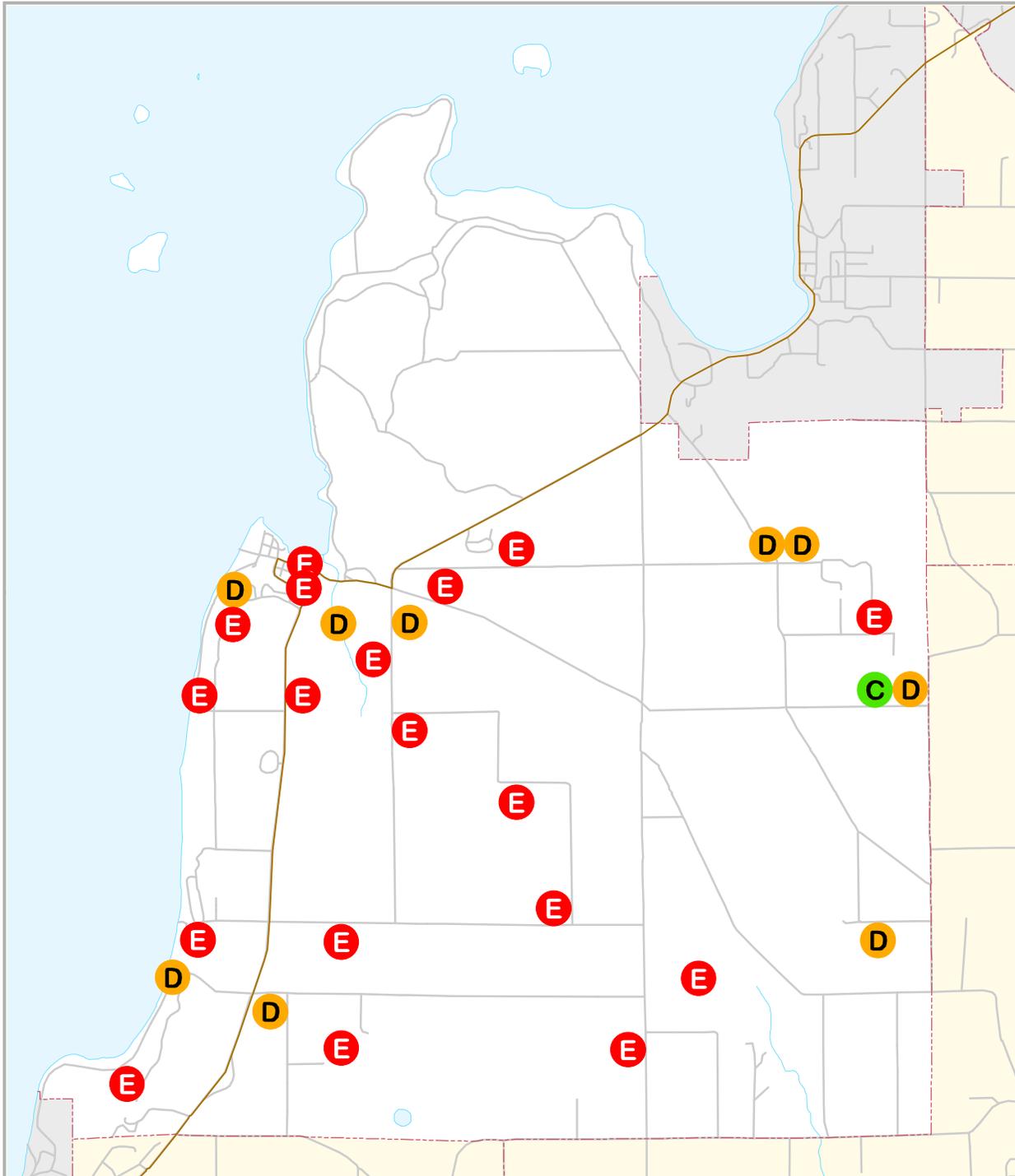
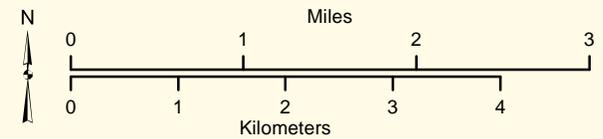
Town of Gibraltar

Door County
July 2012

TOTAL HARDNESS (ppm CaCO₃)

A ... 50	4	10%
B 51 - 100	0	0%
C 101 - 200	1	2%
D 201 - 300	11	28%
E 301 - 400	24	60%
F 401 ...	0	0%

Mapped value is the average unless otherwise indicated.
Treated samples not mapped.

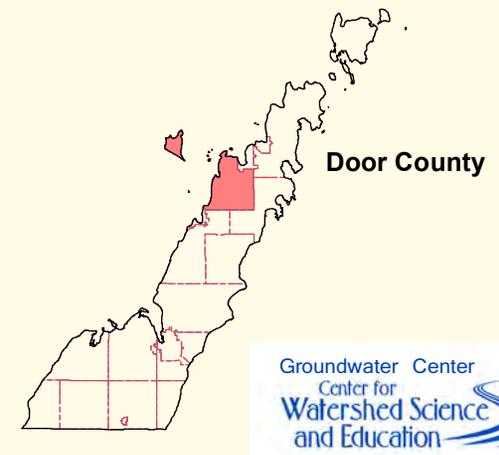
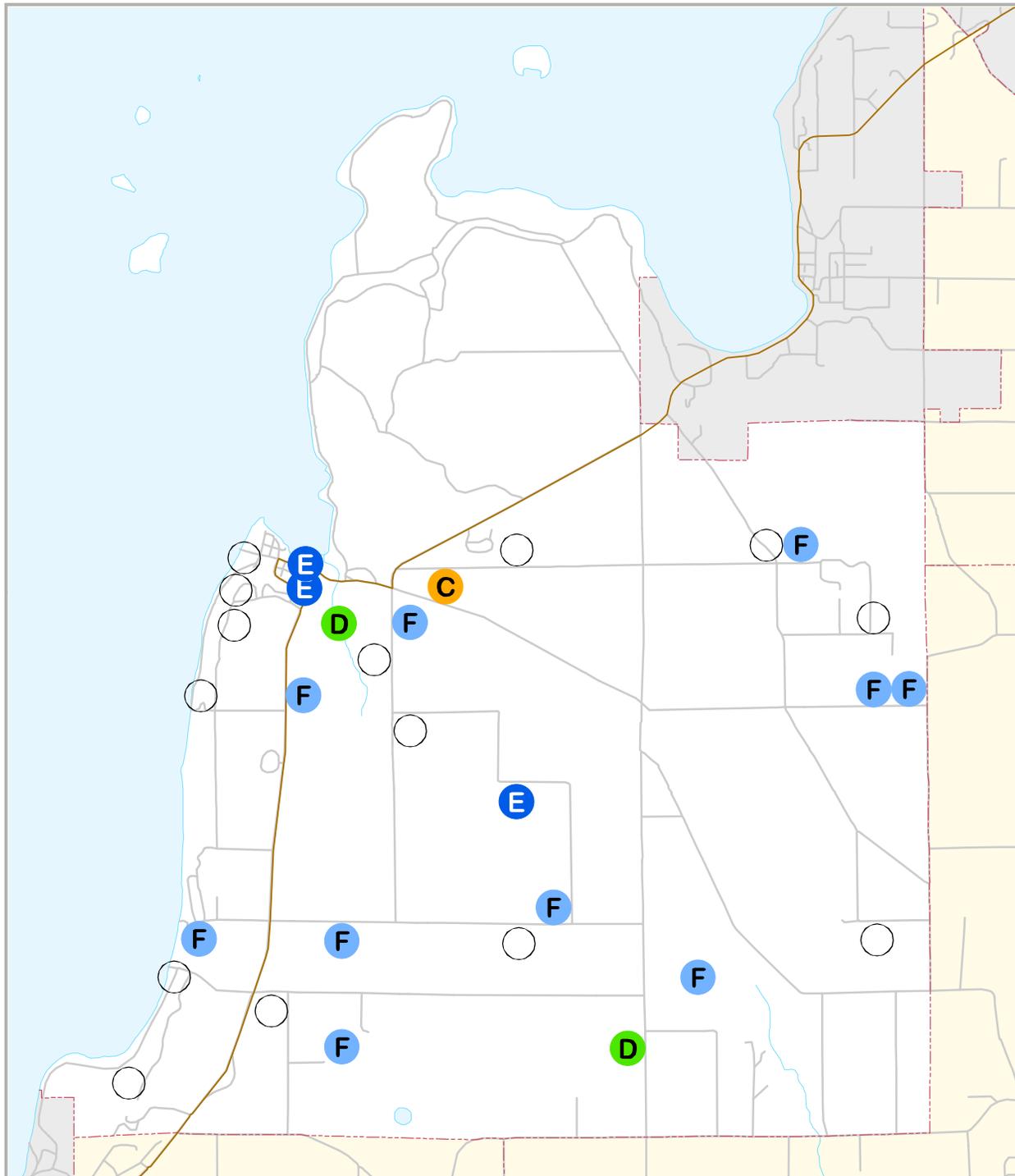
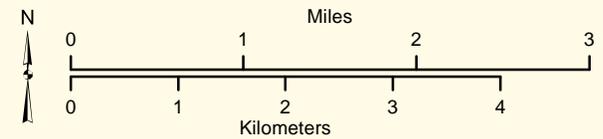


Town of Gibraltar

Door County
July 2012

DEPTH OF WELL (ft)

A ... 25	0 %
B 26-50	0 %
C 51-100	2 %
D 101-150	8 %
E 151-200	8 %
F 201 ...	32 %



Town of Gibraltar

Door County
July 2012

ZINC (mg/l)

A None Detected	3	8 %
B ... 0.100	24	60 %
C 0.101 - 0.500	10	25 %
D 0.501 - 1.000	1	2 %
E 1.001 - 5.000	2	5 %
F 5.001 ...	0	0 %

Mapped value is the average unless otherwise indicated.
Treated samples not mapped.

