TOWN OF STOCKHOLM
PEPIN COUNTY, WISCONSIN

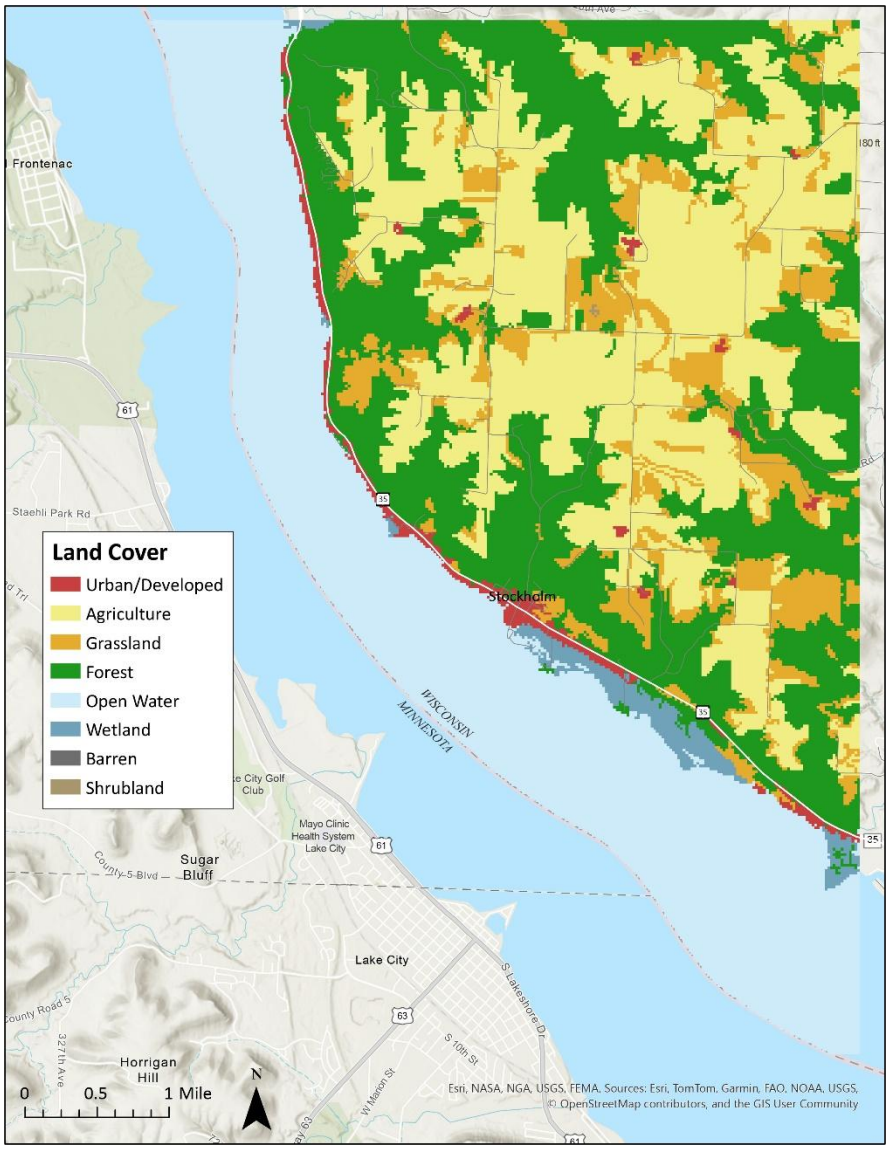
ORDINANCE NUMBER 2026-01

CONCENTRATED ANIMAL FEEDING OPERATIONS (CAFO) ORDINANCE

APPENDIX B.

Map 1. Land Cover - Local Finding 6

Land Cover - WiscLand (Not land use)	Percent
Agriculture	29%
Barren	0%
Forest	30%
Grassland	10%
Open Water	28%
Shrubland	<1%
Urban/Developed	2%
Wetland	1%



Source: Wisconsin Land Cover Data (WISCLAND 2.0)
https://dnr.wisconsin.gov/maps/WISCLAND

Map 2. Groundwater Susceptibility to Contamination Model - Local Finding 8

Five factors contribute to groundwater susceptibility, including: type of soil, bedrock and materials between soil and bedrock; depth to bedrock; and depth to groundwater. Data from the Wisconsin Department of Natural Resources Groundwater Susceptibility Model was divided into five evenly spread categories ranging from high to low. Of the town's total acreage approximately 33% is ranked high susceptibility to contamination, 11% moderately high, 24% moderate, 32% moderately low, and 0% ranked low susceptibility.

Groundwater Susceptibility to Contamination	Percent of Total
High	33%
Moderately High	11%
Moderate	24%
Moderately Low	32%
Low	0%

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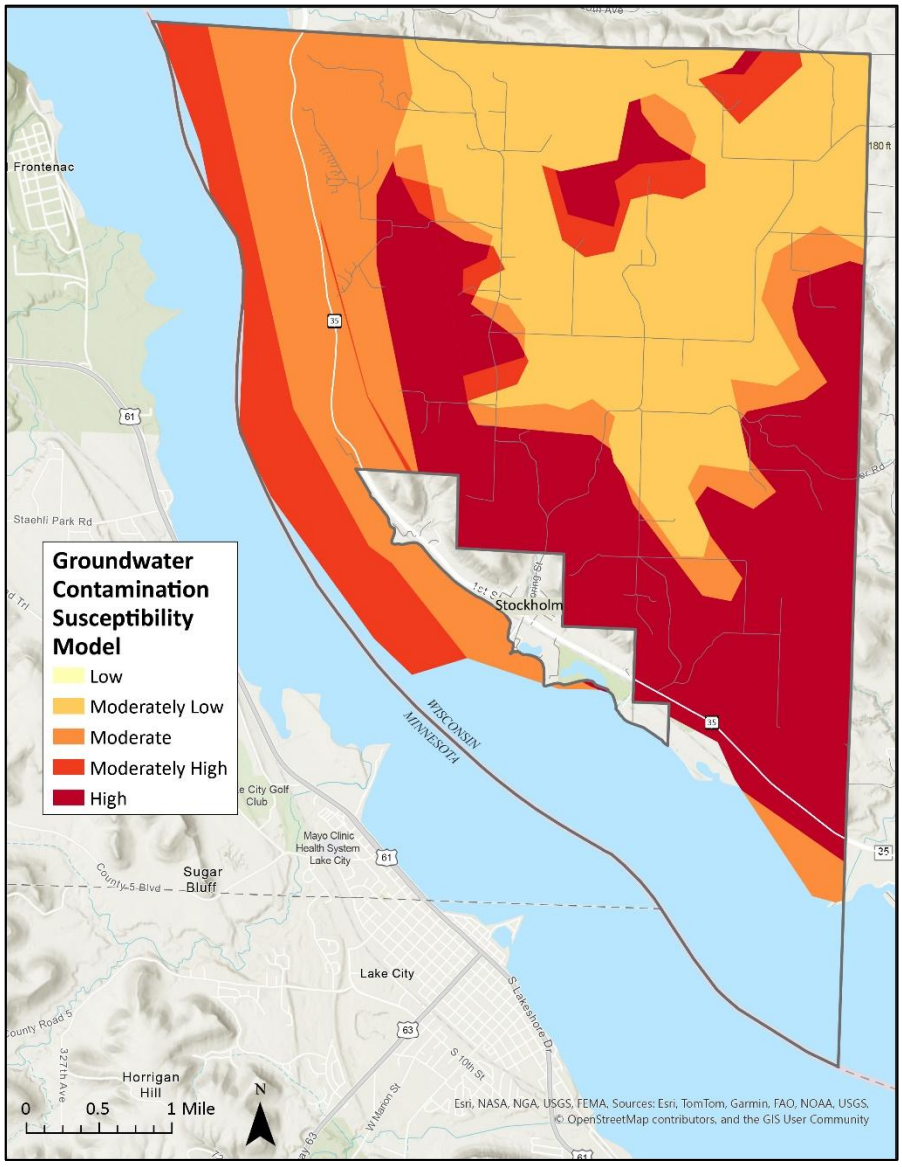
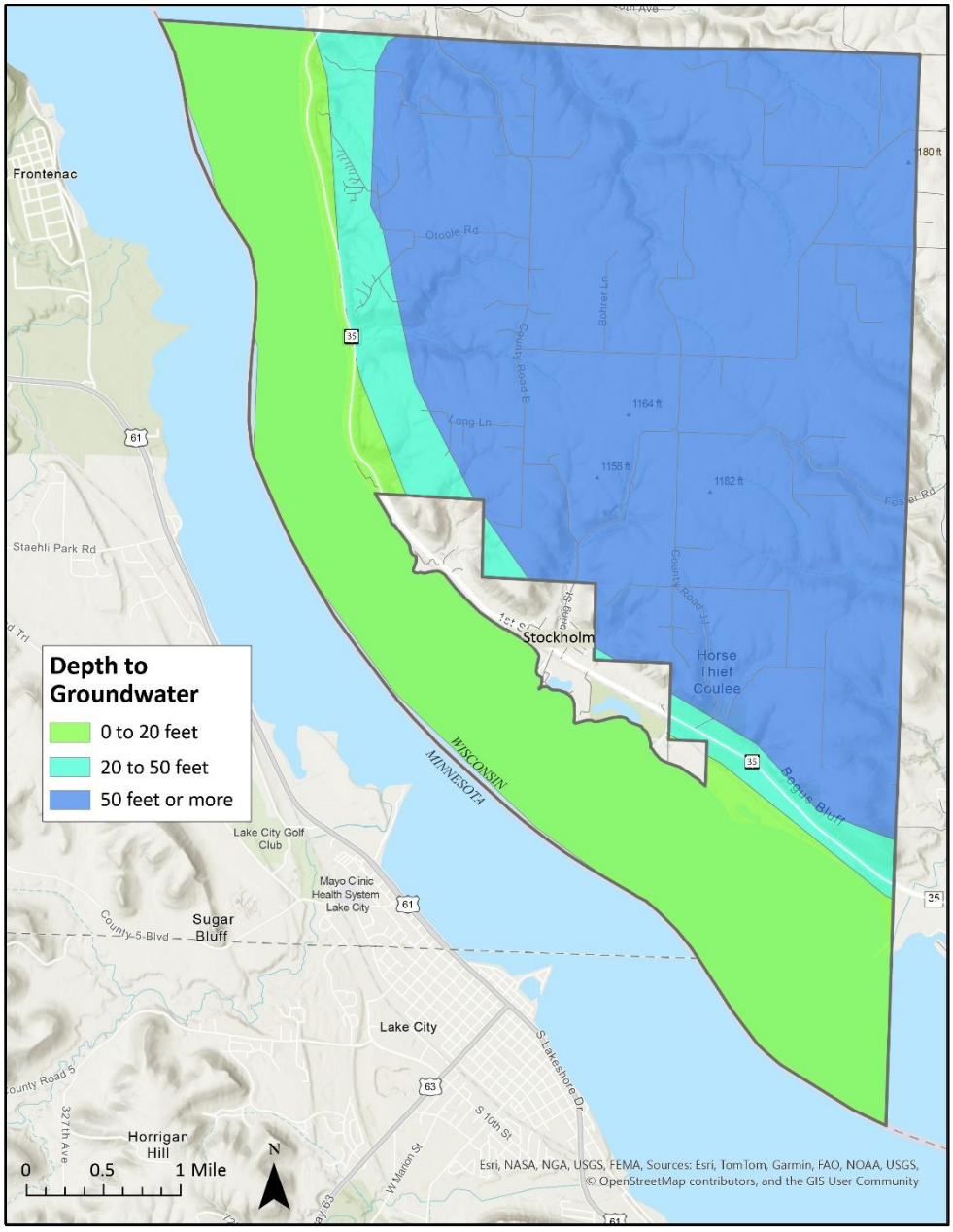


Source: Wisconsin Department of Natural Resources (DNR)
https://geodata.wisc.edu/catalog/CF9E8298-63E5-43C7-9E8A-DEDCB93C1519

Map 3. Depth to Groundwater - Local Finding 9

Approximately 32% of Stockholm's total acres have groundwater within 20 feet of the land surface, 7% is 20 to 50 feet, and 61% is over 50 feet from the land surface.

Depth to Groundwater	
0-20ft	32%
20ft - 50ft	7%
Over 50ft	61%

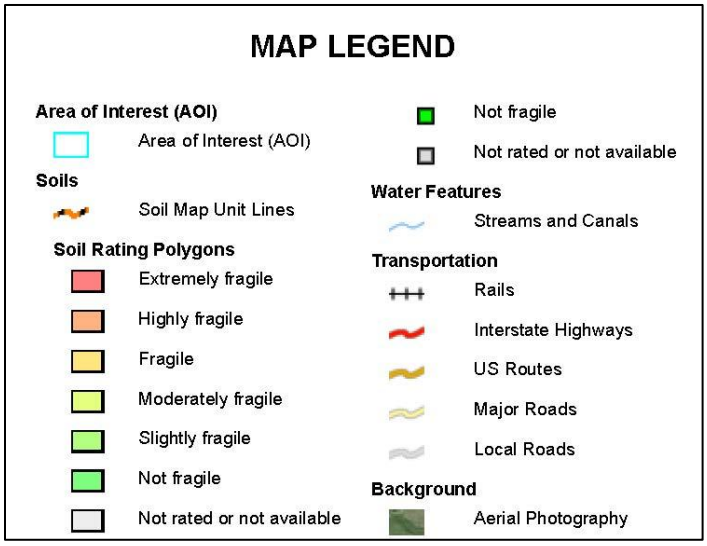


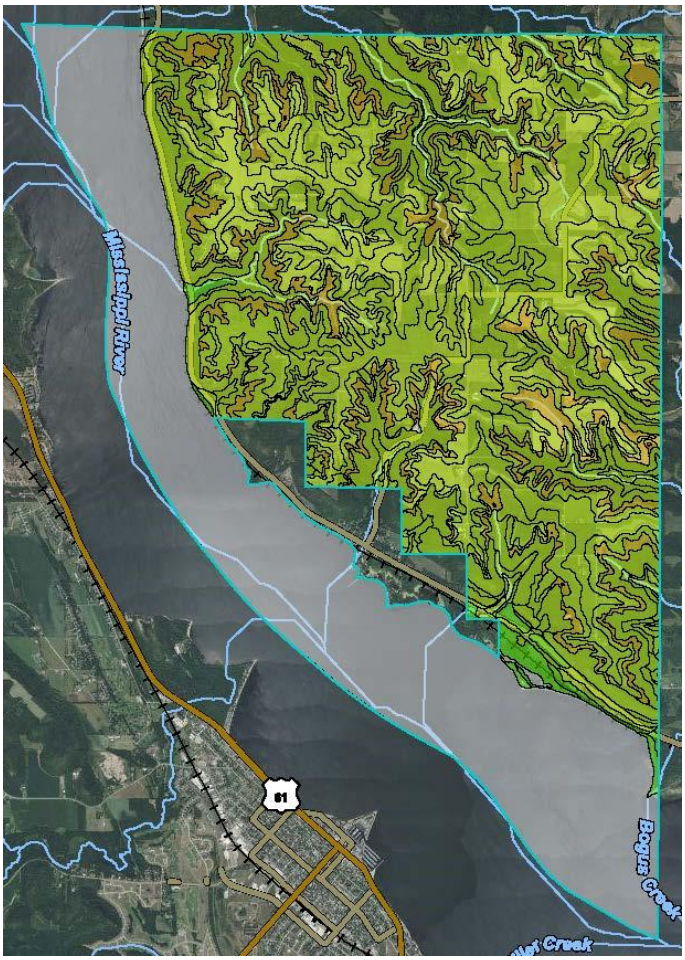
Source: Wisconsin DNR Groundwater Susceptibility Model, Depth to Groundwater
https://data-wi-dnr.opendata.arcgis.com/datasets/wi-dnr::gcsm-water-table-depth/about

Map 4. Fragile Soil Index - Local Finding 10

Fragile soils are those that are most vulnerable to degradation. They are easily degraded and are highly susceptible to erosion with low resilience. They are characterized as having low organic matter contents, low water-stable aggregates and low soil structure. Fragile soils are generally located on sloping ground, have sparse plant cover and tend to be in arid and semiarid regions. A fragile soil index interpretation was developed to rate soils based on their fragility. The index can be used in conservation and watershed planning to assist in identifying soils and areas with greater vulnerability to degradation.

Fragile Soils	
Fragile	10%
Moderately Fragile	59%
Slightly Fragile	1%
Null or Not Rated	30%





Source: National Cooperative Soil Survey, USDA – NRCS
https://websoilsurvey.sc.egov.usda.gov/App/HomePage.htm

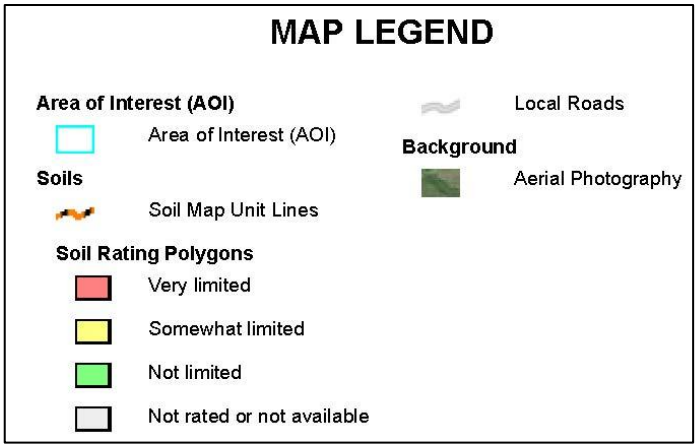
Map 5. Manure and Food-Processing Waste - Local Finding 11

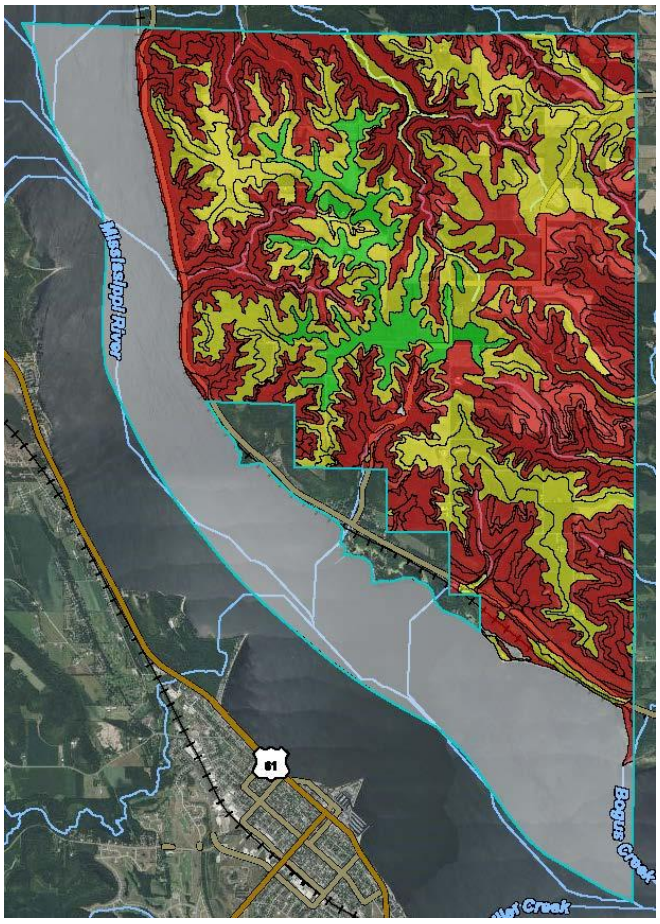
These ratings are based on the soil properties that affect absorption, plant growth, microbial activity, erodibility, the rate at which the waste is applied, and the method by which the waste is applied. The properties that affect absorption include saturated hydraulic conductivity (Ksat), depth to a water table, ponding, the sodium adsorption ratio, depth to bedrock or a cemented pan, and available water capacity. The properties that affect plant growth and microbial activity include reaction, the sodium adsorption ratio, salinity, and bulk density. The wind erodibility group, soil erosion factor K, and slope are considered in estimating the likelihood that wind erosion or water erosion will transport the waste material from the application site. Stones, cobbles, a water table, ponding, and flooding can hinder the application of waste. Permanently frozen soils are unsuitable for waste treatment.

- **40% Very Limited** – indicates that soil has one or more features that are unfavorable for the specific use. Limitations generally cannot be overcome without major soil reclamation, special design, or expensive installation procedures. Poor performance and high maintenance can be expected.

- **26% Somewhat Limited** – indicates that the soil has features that are moderately favorable for specified use. Limitations can be overcome or minimized by special planning, design, or installation.

- **34% Not Limited or Not Rated**

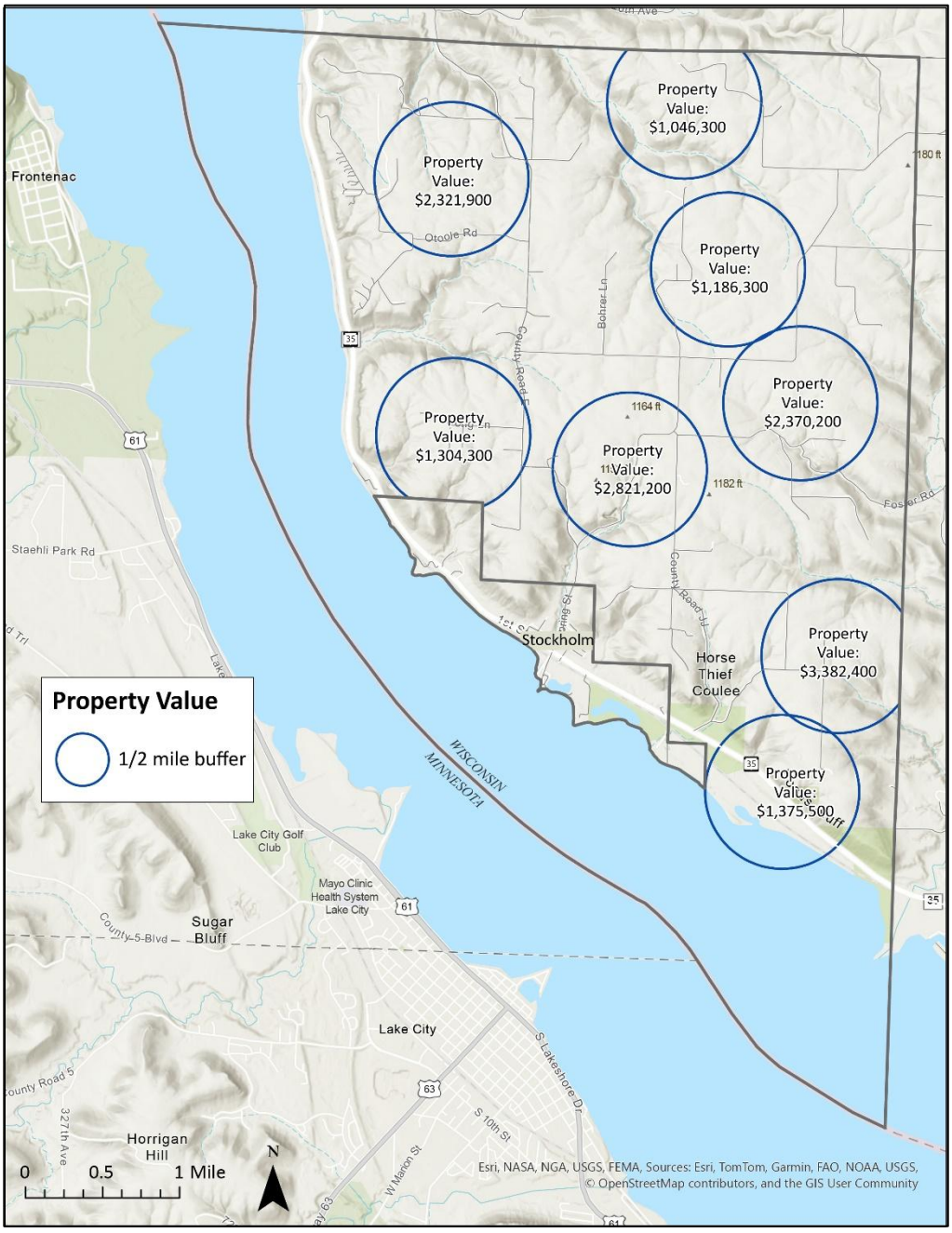




Source: National Cooperative Soil Survey, USDA https://websoilsurvey.sc.egov.usda.gov/App/HomePage.htm

Map 6. Property Tax Values Within 0.5 mile radius of 8 Randomly Selected Potential CAFO Sites Local Finding 19

Property values within 1/2 mile of 8 randomly selected sites range in value from $1 million to $3.4 million.



Source: 2025 Wisconsin County Parcel Data Pepin County, WI

https://www.sco.wisc.edu/parcels/data-county/