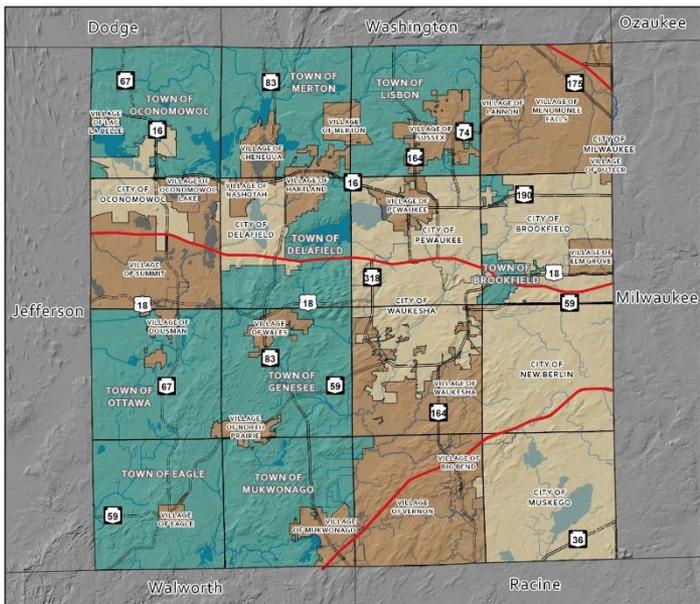


Waukesha County Land & Water Resource Management Plan 2022 Update

**Presentation to the WI Land and
Water Conservation Board
12/7/2021**

Alan Barrows, Land Resources Manager
*Waukesha County Department of Parks and Land Use
Land Resources Division*

Bill Mitchell, County Board Supervisor
Land Use, Parks and Environment Committee Chairman



Legend
 Towns
 Cities
 Villages



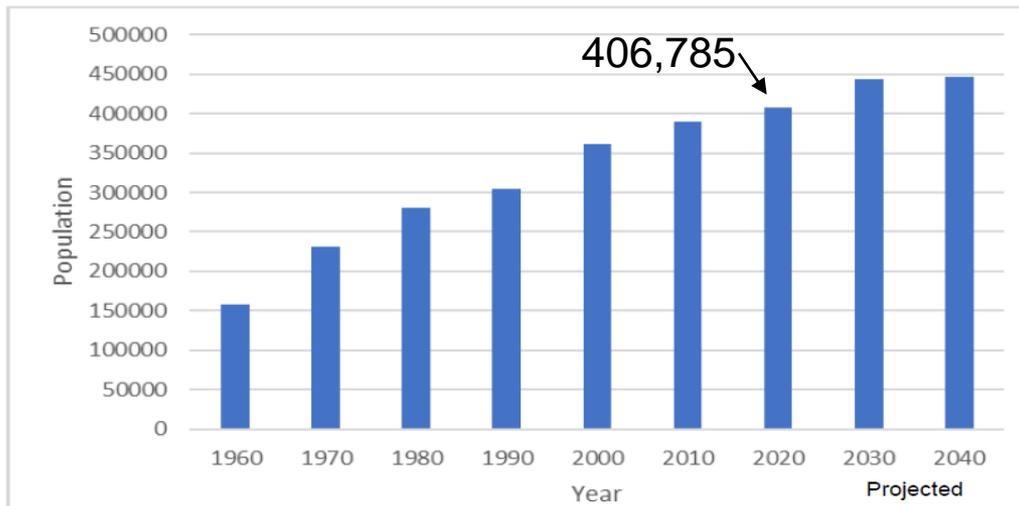
Waukesha County Municipalities

**Towns (9)
 Villages (21)
 Cities (7)**

37 Total



**Figure II-2
 Historical and Projected Population for Waukesha County: 1960-2040**

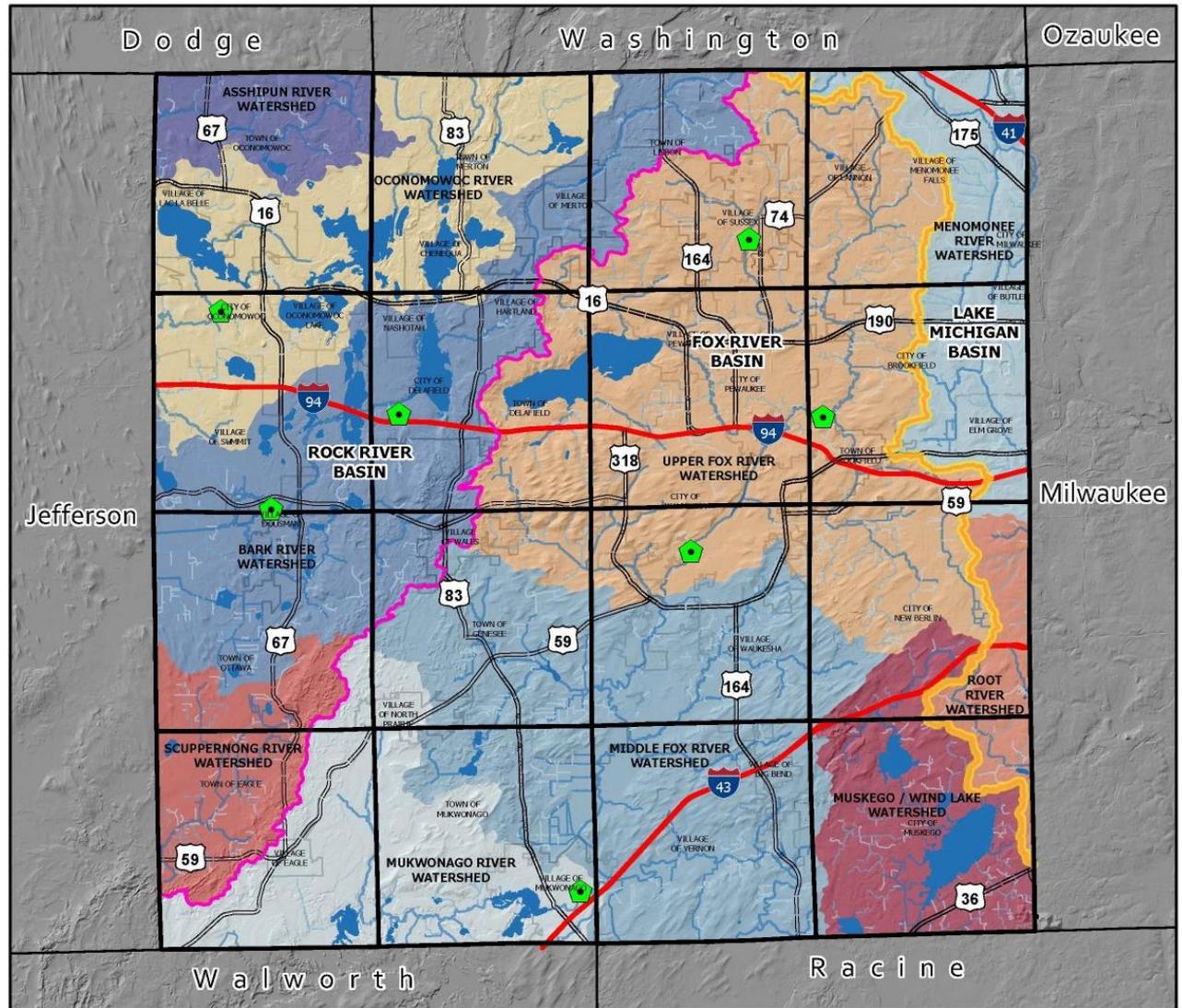


Watersheds

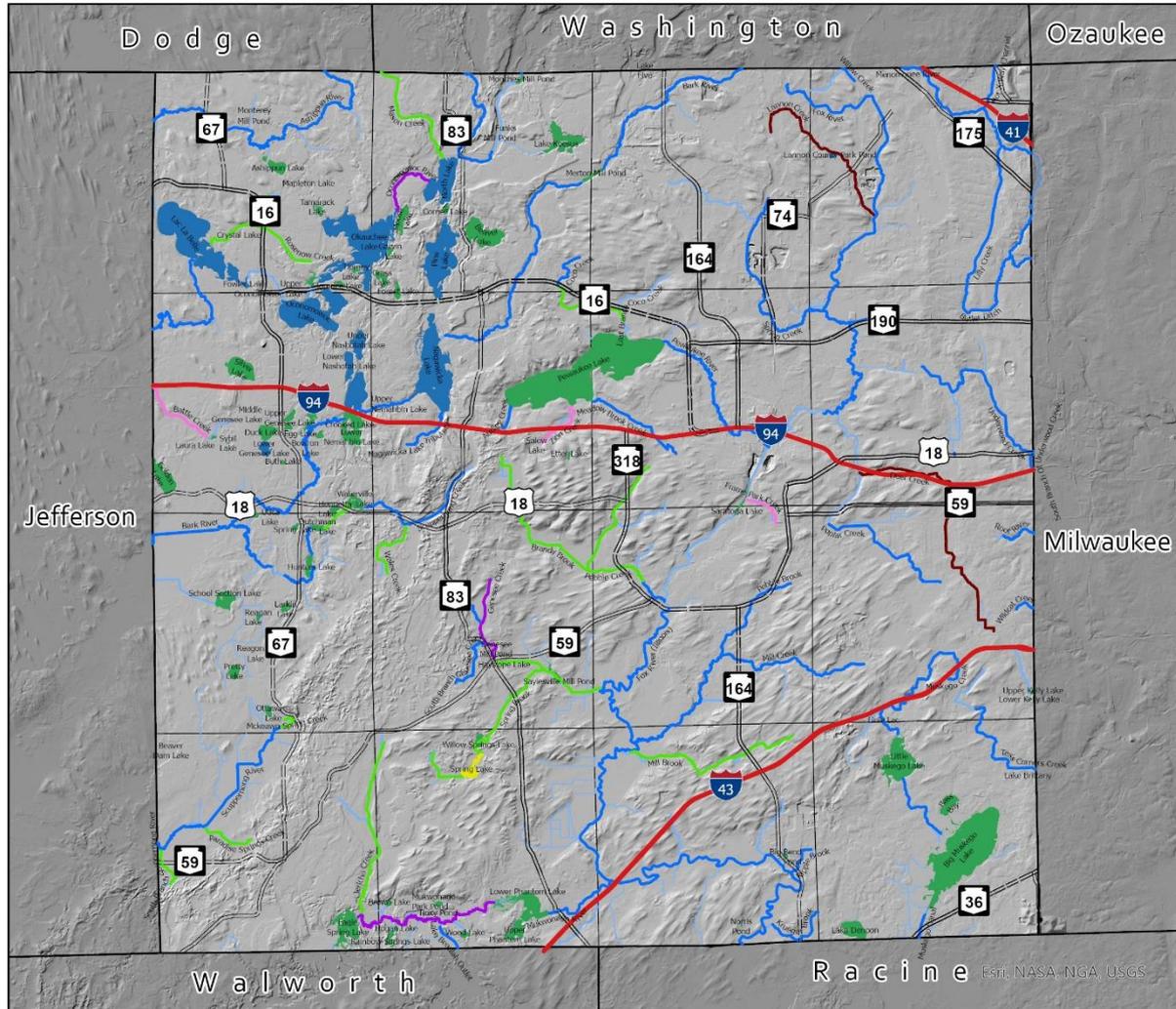
Waukesha County

Legend

-  Subcontinental Divide
-  River Basin Boundaries
-  Sewage Treatment Plants (7)



SURFACE WATER RESOURCES WAUKESHA COUNTY

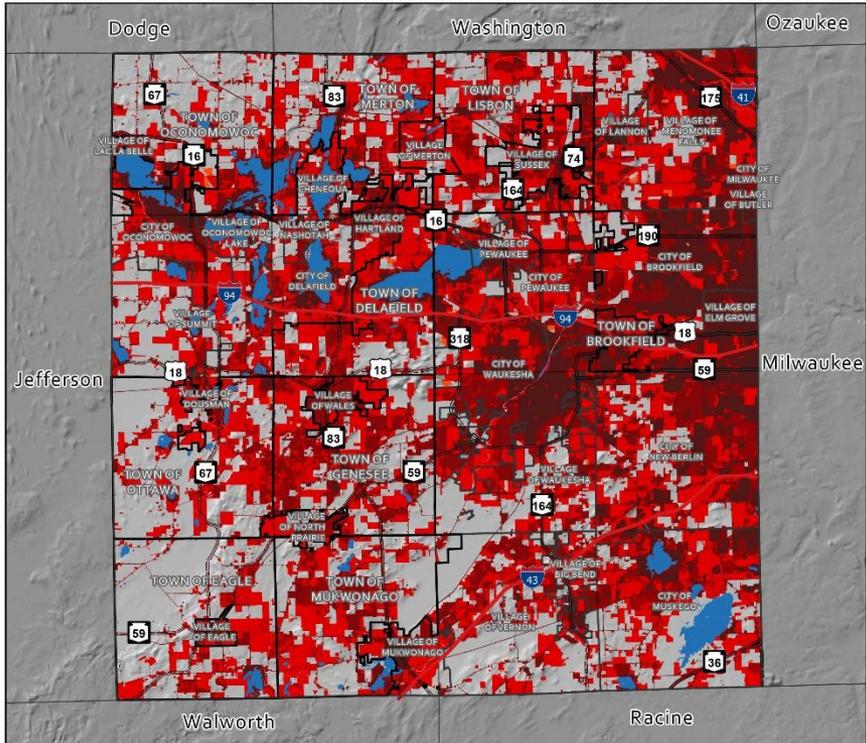


Legend

- | | |
|---|--|
| Outstanding Resource Water (ORW) | Limited Forage Fish (LFF) |
| Exceptional Resource Water (ERW) | Limited Aquatic Life (LAL) |
| Cold Water Streams (Cold) | Lake Supports Cold Water Species (Cold) |
| Warm Water Sport Fishing (WWSF) / Fish & Aquatic Life (FAL) | Lake Supports Fish and Aquatic Life (FAL/Warm) |

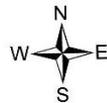


RURAL to URBAN LAND USE CONVERSION: 1963-2015 WAUKESHA COUNTY

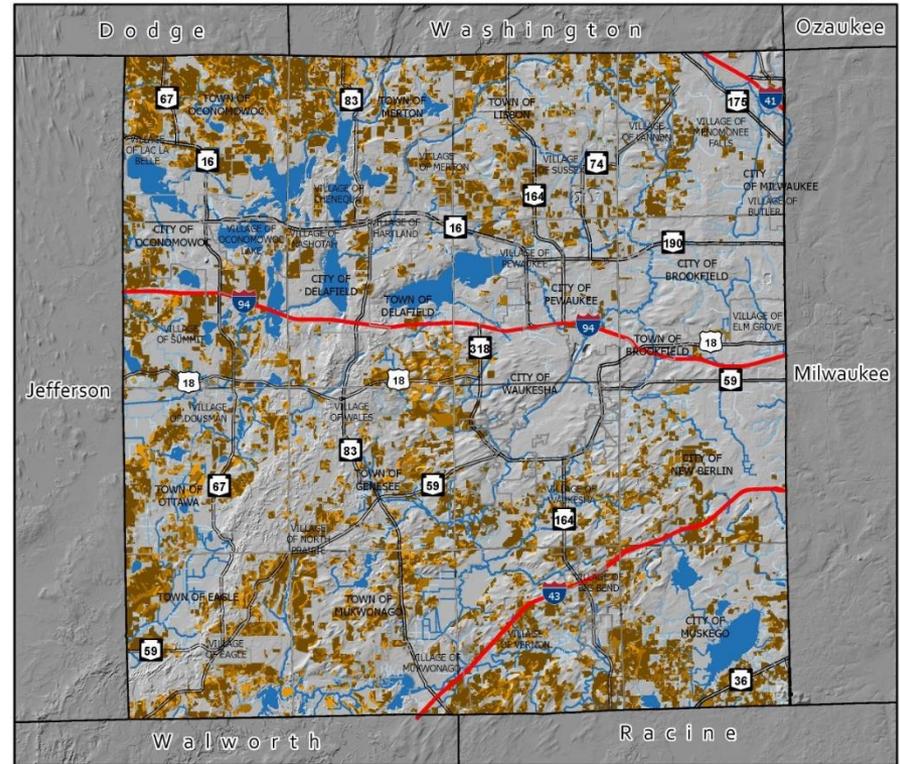


Legend

- 1963 Land Use
- 1985 Land Use
- 1995 Land Use
- 2010 Land Use
- 2015 Land Use



AGRICULTURAL LAND USE & CLASSIFICATION WAUKESHA COUNTY



Legend

- NRCS Prime Agricultural Soils Group
- Soils of Statewide Importance
- Other Soils



Chapter 3 – Goals, Objectives and Planned Activities

Goal 1: Control Urban Runoff Pollution and Flooding

Goal 2: Protect the Quality and Quantity of Groundwater

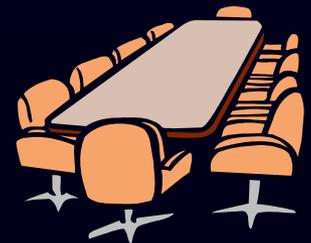
Goal 3: Control Agricultural Runoff Pollution

Goal 4: Educate the Public on Conservation Issues

Goal 5: Preserve Targeted Farmland and Natural Areas

Goal 6: Support Water Monitoring and Improve Public
Access to Water Data

Goal 7: Reclaim Active Nonmetallic Mining



Chapter 4 – Plan Implementation and Evaluation

Procedures for implementing the Urban Nonpoint Pollution Performance Standards

Procedures for implementing the Agricultural Nonpoint Pollution Performance Standards

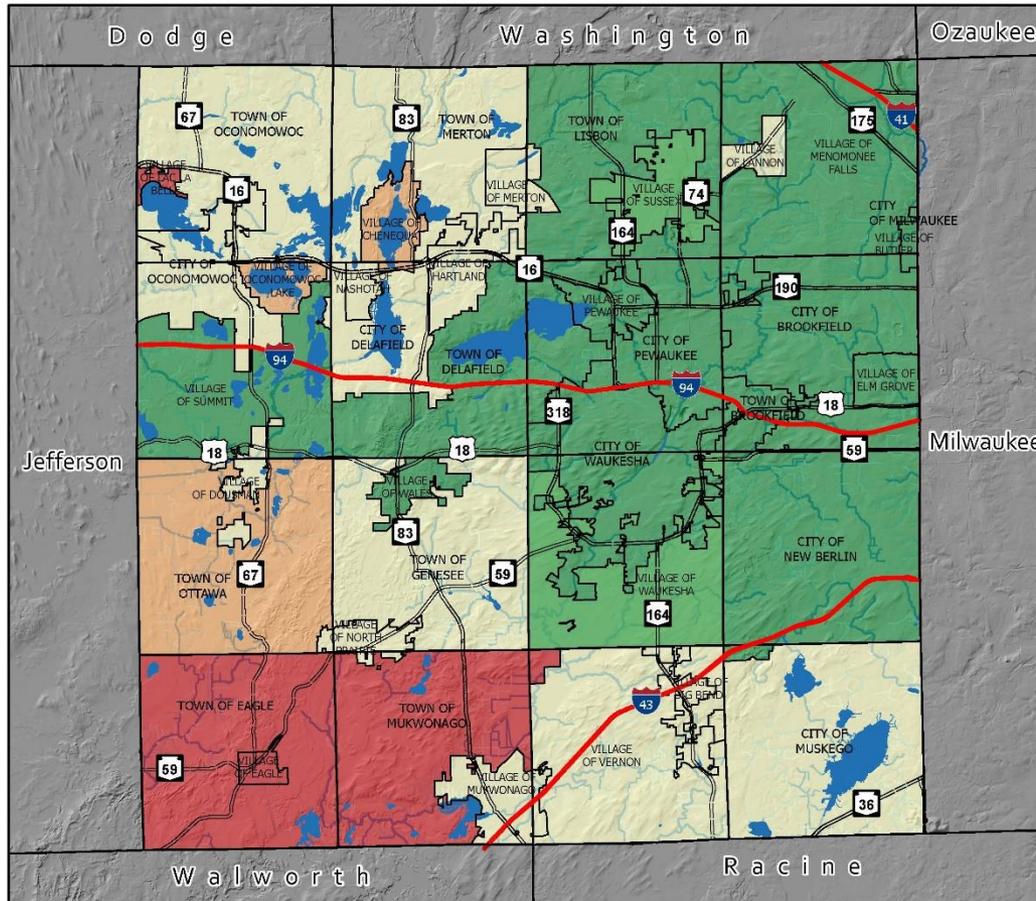
Estimated Program Costs

Monitoring and Evaluation

Impediments to Plan Implementation



MAP #IV-2 MS4 DISCHARGE PERMITS under NR216 : 2021 WAUKESHA COUNTY



Legend

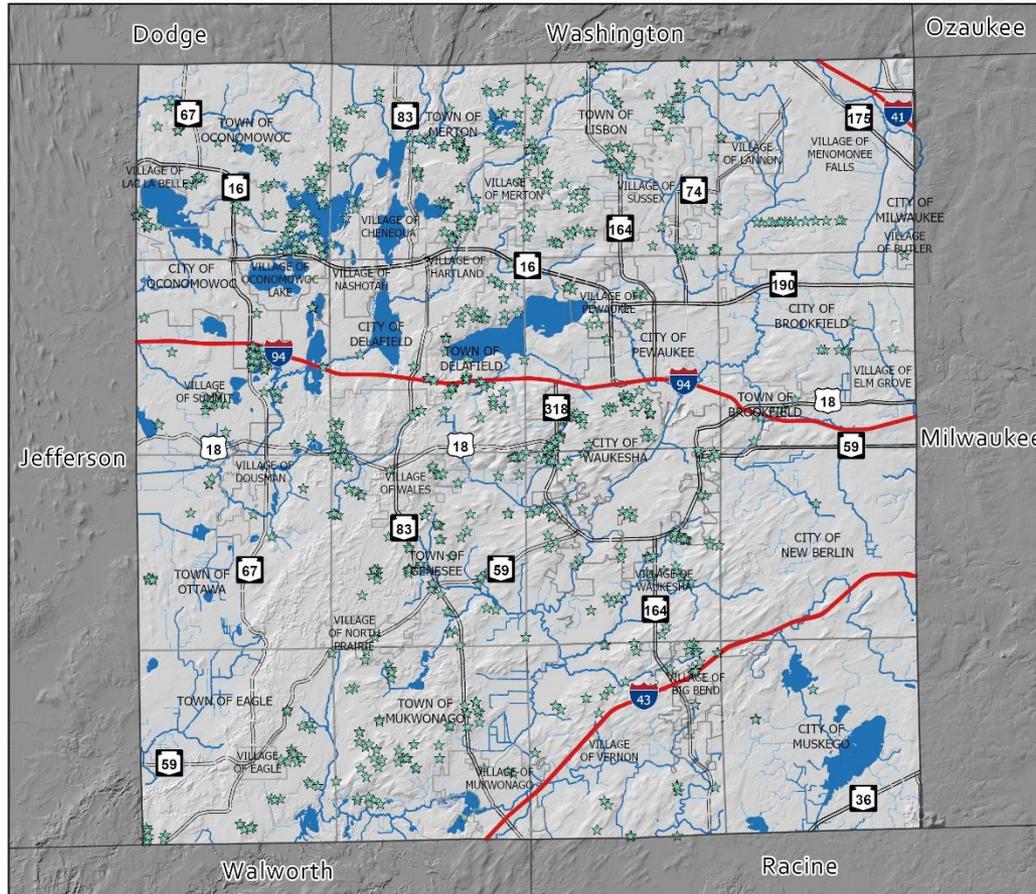
- Phase I Community (13)
- Phase II Community (18 including Waukesha County)
- Exempted Communities (3)
- MS4 Permit Not Required (4)

*Townships - Only portions meeting the Urbanized Area designation by the EPA

Source: Waukesha County, WI DNR, SEWRPC



MAP #IV-3 STORMWATER BEST MANAGEMENT PRACTICES ENTERED INTO THE WAUKESHA COUNTY DATABASE: 2021 WAUKESHA COUNTY



Legend

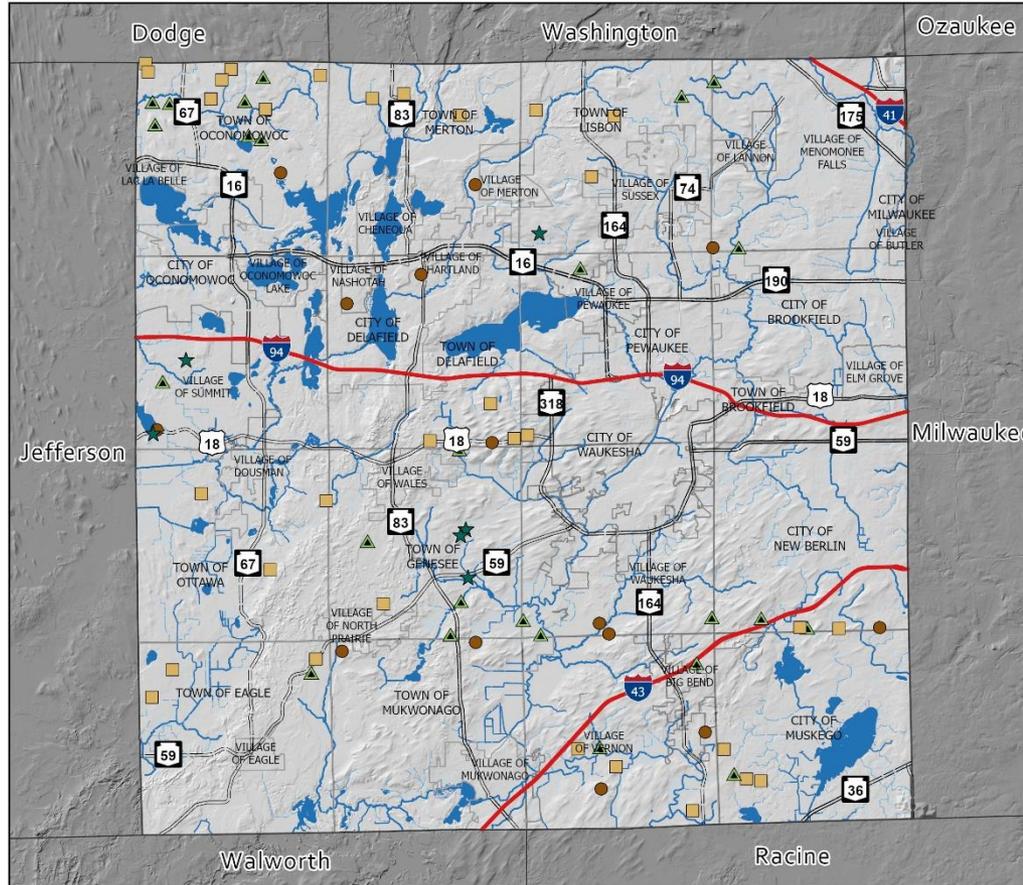
★ Stormwater BMP



Source: Waukesha County, WI DNR, SEWRPC

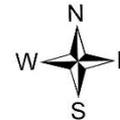


MAP #IV-4 LIVESTOCK OPERATIONS WITH GREATER THAN 40 ANIMAL UNITS WAUKESHA COUNTY



Livestock Type

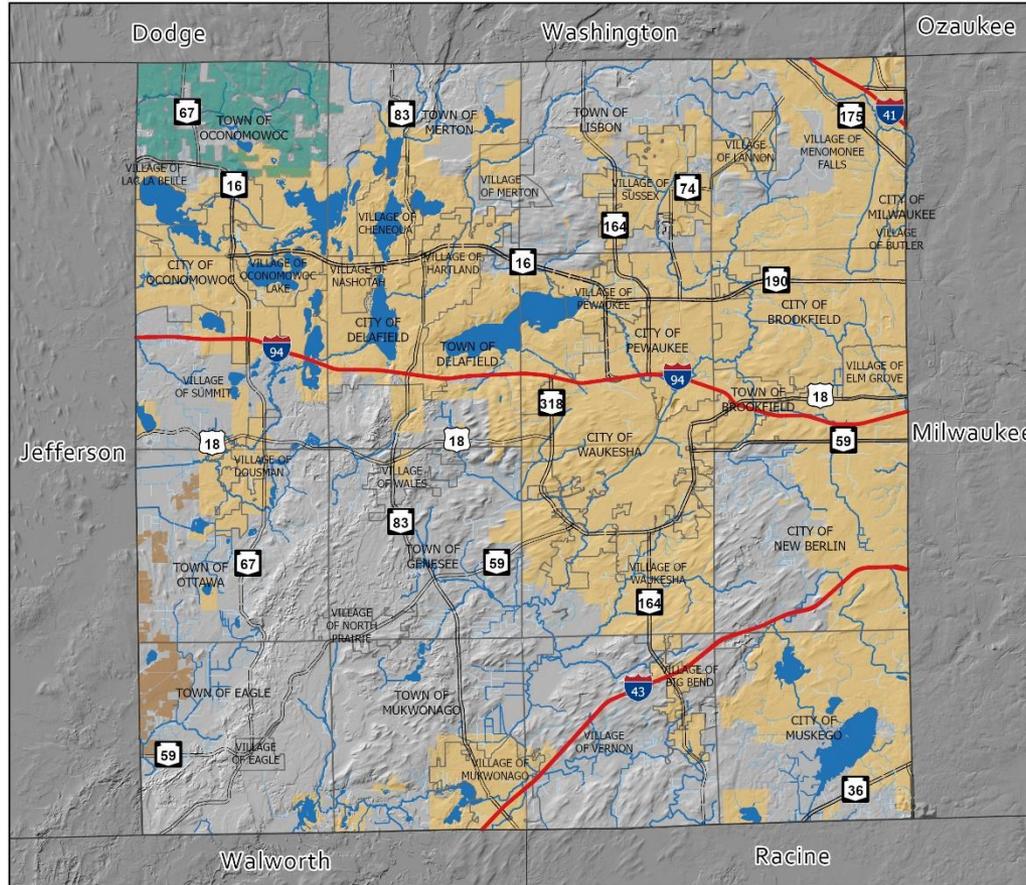
- Beef (15)
- Dairy (32)
- ▲ Horses (25)
- ★ Other (6)



Source: Waukesha County, WI DNR, SEWRPC



MAP IV-5 FARMLAND PRESERVATION AREAS WAUKESHA COUNTY: 2021



Legend

- Agricultural Enterprise Area (AEA) - 2021
- Farmland Preservation Areas - 2021
- Sewer Service Area



Source: Waukesha County, SEWRPC, WDNR & DATCP



Thank You

Comments or Questions?

