

Door-Kewaunee Watershed

Hydrologic Unit Code: 04030102

For more information, see the USEPA "Surf Your Watershed" website at

cfpub.epa.gov/surf/huc.cfm?huc_code=04030102

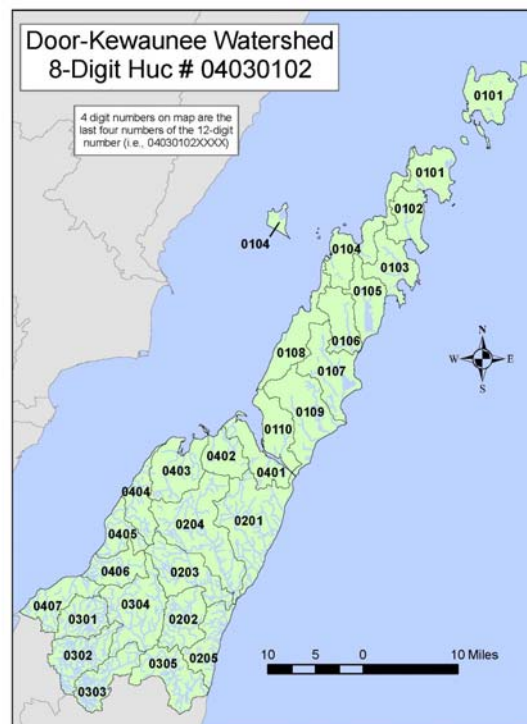
The Door-Kewaunee Watershed as defined by the USGS is part of the WDNR's Lakeshore Basin Management Area. For more information, see the Wisconsin Department of Natural Resources' "Wisconsin's Basins" website at dnr.wi.gov/org/gmu/gmu.html.

Watershed Groups

- 1000 Friends of Wisconsin — www.1kfriends.org
- Door County Environmental Council — www.dcec-wi.org
- Door County Land Trust — www.doorcountylandtrust.org
- River Alliance of Wisconsin — www.wisconsinrivers.org
- Clean Wisconsin — www.cleanwisconsin.org
- Lakeshore Natural Resource Partnership — www.lnrp.org
- Charles Verhoeven, Regional Water Program Leader – Charles.Verhoeven@dnr.state.wi.us

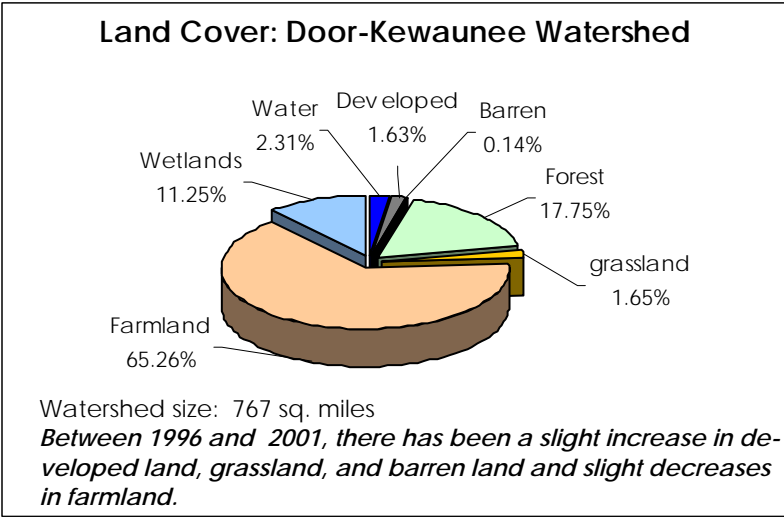
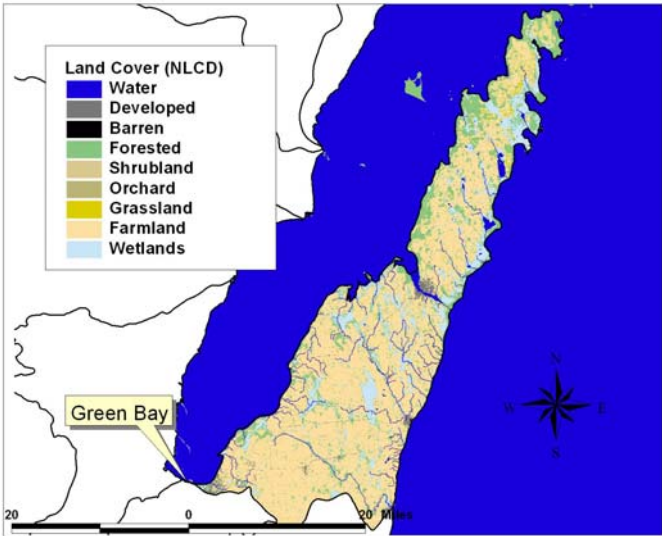
Watershed Overview

- Most of the watershed's land is engaged in agriculture, with just over 65% of land uses.
- Tourism and summer homes are important parts of the watershed economy. Recreational highlights include: hiking, birding, camping, rafting, canoeing, hunting, fishing, and boating on Lake Michigan and Green Bay.
- The diversity of islands, forests, wetlands, sand dunes, and ridge and swale topography provide habitat to an abundance of rare, threatened and endangered plants and animals.
- Critical ecological systems on the Door Peninsula include bedrock shoreline with semi-protected and open wetlands with sand nearshore; large, spring-fed lakes; shallow dune lakes; and small coastal streams on thin till over bedrock and lacustrine sand
- Great Lakes fisheries provide lake trout, lake whitefish, salmon and yellow perch.
- Grasslands, which support over 105 bird species, are promoted through prescribed burns and mowing.
- Cat Island in Green Bay has a critical migratory shorebird stopover site.
- The Great Lakes Beach, Midwest Calcareous Floating Mat, Juniper Alvar Shrubland, and Midwest Mixed Emergent Deep Marsh are critical habitat.



Subwatersheds of the Door-Kewaunee Watershed

- 0101 Mink River and Washington Island-Frontal Lake Michigan
- 0102 Three Springs Creek-Frontal Lake Michigan
- 0103 Mud Lake-Frontal Lake Michigan
- 0104 Fish Creek-Frontal Green Bay
- 0105 Kangaroo Lake-Frontal Lake Michigan
- 0106 Hibbard Creek-Frontal Lake Michigan
- 0107 Logan Creek-Frontal Lake Michigan
- 0108 Egg Harbor-Frontal Green Bay
- 0109 Lilly Bay Creek
- 0110 Big Creek-Frontal Sturgeon Bay
- 0201 Stony Creek-Frontal Lake Michigan
- 0202 Rio Creek
- 0203 Silver Creek
- 0204 Ahnapew River
- 0205 Mashek Creek-Frontal Lake Michigan
- 0301 Headwaters Kewaunee River
- 0302 School Creek
- 0303 Scarboro Creek
- 0304 Casco Creek-Kewaunee River
- 0305 Kewaunee River
- 0401 Strawberry Creek-Frontal Sturgeon Bay
- 0402 Larson Creek-Frontal Green Bay
- 0403 Keyes Creek-Frontal Green Bay
- 0404 Sugar Creek-Frontal Green Bay
- 0405 Renard's Creek-Frontal Green Bay
- 0406 Red River-Frontal Green Bay
- 0407 Gilson Creek-Frontal Green Bay



Watershed Activities

In 2000 the Lakeshore Basin Partnership Team, which includes the Door-Kewaunee watershed, developed the following prioritized list of the most pressing issues impacting natural resources.

1. Loss of riparian (stream and lakeside) buffers (streamside habitat)
2. Inadequate identification and protection of wetlands, wetland corridors, and groundwater recharge areas
3. Need for better land use planning & improved local zoning
4. Inadequate management & protection of woodlots
5. Absence of stewardship ethic
6. Loss of small farms and/ or Conversion to large farms
7. Contamination of drinking water
8. Illegal dumping of toxins
9. Loss of biodiversity
10. Loss of shoreline habitat

Activities in the water shed focus on:

- Addressing water quality problems from in- place pollutants, dams, urban and agricultural runoff.
- Preserving biodiversity and protect endangered and threatened species.
- Protecting large contiguous blocks of forestland, grassland and wetland that serve as habitat for mammals, birds, and amphibians, as well as providing a large self- sustaining forest ecosystem for all to enjoy.
- Seeking additional monitoring of wildlife populations, water quality, and ecosystem function .

Impaired (303d) Waters

| Waterbody Name | Impairment |
|--|---|
| Ahnapee River | PCB Fish Consumption Advisory |
| Clark Lake | PCB Fish Consumption Advisory |
| Crescent (L. Michigan) | Bacteria |
| East Alaska Lake | Mercury Fish Consumption Advisory |
| Green Bay—South of Marinette and its Tribs | Mercury Fish Consumption Advisory |
| Kewaunee Harbor | Metals Aquatic Toxicity Fish Consumption Advisory |
| Kewaunee Marsh | Metals Aquatic Toxicity Wildlife |
| Kewaunee River | PCB Fish Consumption Advisory |
| Lake Michigan | Mercury Fish Consumption Advisory, PCB Fish Consumption Advisory |
| MacKaysee Lake | Mercury Fish Consumption Advisory |
| Stony Creek | Degraded Habitat Sediment |
| Sunset Beach - Sturgeon Bay (L. Michigan) | Bacteria |

Data Sources. Land cover map and percentages: National Land Cover database, 1992 (edc.usgs.gov/products/landcover/nlcd.html); Land use change: NOAA Coastal Change Analysis Program, 1996 and 2001 (www.csc.noaa.gov/crs/lca/ccap.html); Total Maximum Daily Load (TMDL) Impaired Waters: Surf Your Watershed (www.epa.gov/surf)