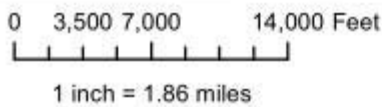
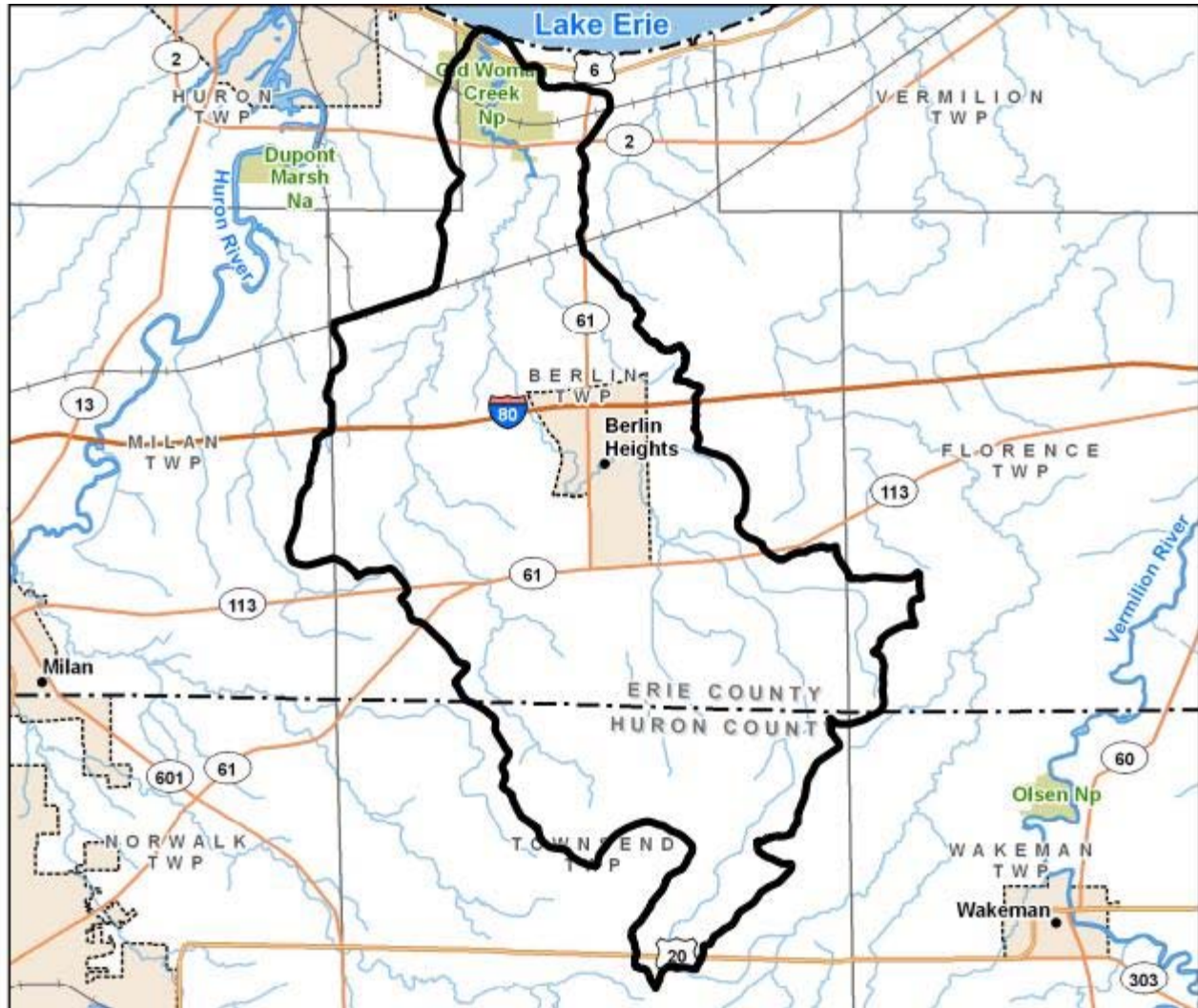


Old Woman Creek Watershed 041000120304



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Old Woman Creek

Watershed: 16928.1 acres 26.5 square miles

Hydrologic unit code (12 digit): 041000120304
 (old 14 digit): 04110001050020
 04110001050030

Watershed Coordinator: Bre Hohman
 Email: bhohman@eriecounty.oh.gov
 Phone: 419-626-5211

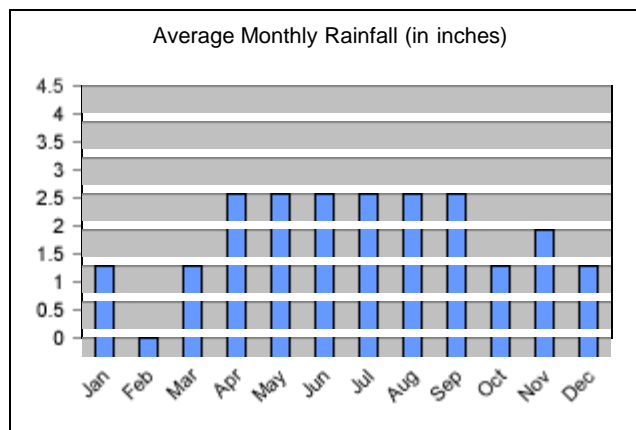
Watershed Action Plan: [Old Woman Creek Firelands Coastal/Tributaries Website](#)

Ohio EPA

Aquatic Life Use attainment: Impaired
[TMDL Report \(Based on HUC 11 boundaries\)](#)
[Watershed Assessment Report](#)

Climate

Average annual maximum temperature: 62.8 F
 Average annual minimum temperature: 9.5 F
 Average annual Precipitation: 24 inches



In the Watershed

Soil and Water Conservation Districts

Erie 13442.9 acres
 Huron 3484.9 acres

Municipalities

Berlin Heights 1000.8 acres

School Districts

Berlin-milan Local 13052.7 acres
 Firelands Local 114.6 acres
 Huron City 269.7 acres
 Western Reserve Local 3485.3 acres

Area having Probable Karst features: 16952.2 acres

Bedrock: sandstone, black shale, water

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Census

Population (reported by block)
 1980: 2907 1990: 2389 2000: 2701

Water Resources

100 year floodplain: 1131.2 acres
 Wetlands (2007): 557.0 acres
 Ponds & Lakes: 188.0 acres
 Streams & Rivers: 49.7 acres

People (reported by tract)

Rural:	2653
Urban:	47
Agricultural:	69
In Labor Force:	1319

Education (reported by tract)

Enrolled K-12:	543
Enrolled college:	102
Completed <9:	993
Completed HS diploma or GED:	858
Some college:	362
Associates degree:	88
Bachelors degree:	124
Graduate degree:	73

Households (reported by tract)

Average Size:	2.7
Average Income:	\$54,164

Soil Resources

Prime farmland:	14097.1 acres
Highly erodible land:	1143.7 acres
Frequently flooded:	243.5 acres
Hydric:	10.3 acres
Partially hydric:	12877.6 acres

Soil Drainage

Well:	1591.7 acres
Moderately well:	3353.5 acres
Somewhat poorly:	8207.0 acres
Poorly drained:	1143.2 acres

Hydrologic Soil Group

A:	1018.1 acres
B:	1577.4 acres
C:	2038.7 acres
D:	726.5 acres
A/D:	1214.5 acres
B/D:	2231.4 acres
C/D:	7795.7 acres

Approximate number of water wells:	159
Area highly sensitive to groundwater contamination:	16989.8 acres
Area above Sole Source Aquifer:	0.0 acres
Area in the Emergency Management Zone:	0.0 acres
Ohio EPA permitted Combined Sewer outflow locations:	0

Land Use and Environment

Conservation & Recreation Land:	803.5 acres
<u>Resource Conservation Activities</u>	
BMP installation and land user assistance:	47.0 sites

	50.3 acres
Ohio EPA Approved bio-solid application fields:	297.7 acres
Ohio EPA/ODA combined animal feeding operations and facilities:	0.0 acres
Ohio EPA NPDES industrial and municipal discharge permits:	1
Dams:	3
Pre-settlement vegetation:	Beech Forests Mixed Oak Forests Mixed Mesophytic Forests Elm-Ash Swamp Forests
Ecological region:	Erie Lake Plain, Clayey High Lime Till Plains

Land Use (acres)

	2009	2001	1994
Agriculture	9945.3	12522.3	13001.4
Water	234.0	516.2	459.2
Urban	2256.6	208.6	179.7
Forest	4525.5	3707.9	3293.5
Barren	0.8	0.0	2.6
Shrub/Scrub	1.5	0.0	9.0

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9/29/2011

Watershed impairments (Ohio EPA)

Causes	Sources
direct habitat alterations	animal holding/management areas
natural limits (wetlands)	channelization - agriculture
nutrients	feedlots (confined animal feeding operations)
organic enrichment/DO	natural conditions (flow or

Ohio EPA Aquatic Life Use Designation Miles

	Miles
Coldwater Habitat (CWH)	0.0
Exceptional Warmwater Habitat (EWH)	0.0
Warmwater Habitat (WWH)	26.4
Limited Resource Water (LRW)	0.0

	habitat)
siltation	nonirrigated crop production

Limited Warmwater Habitat (LWH)	0.0
Modified Warmwater Habitat (MWH)	0.0
Seasonal Salmonid Habitat (SSH)	0.0

Ohio EPA Source Water intakes and Protection Areas

System	# of intakes	Acres
N/A	N/A	N/A

Ohio EPA Ground water wells and Protection Areas by time of travel

System	# of wells	1 year (acres)	5 year (acres)
N/A	N/A	N/A	N/A

Ohio EPA Aquatic Life Use Designation

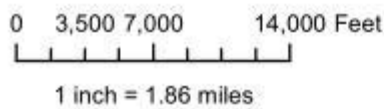
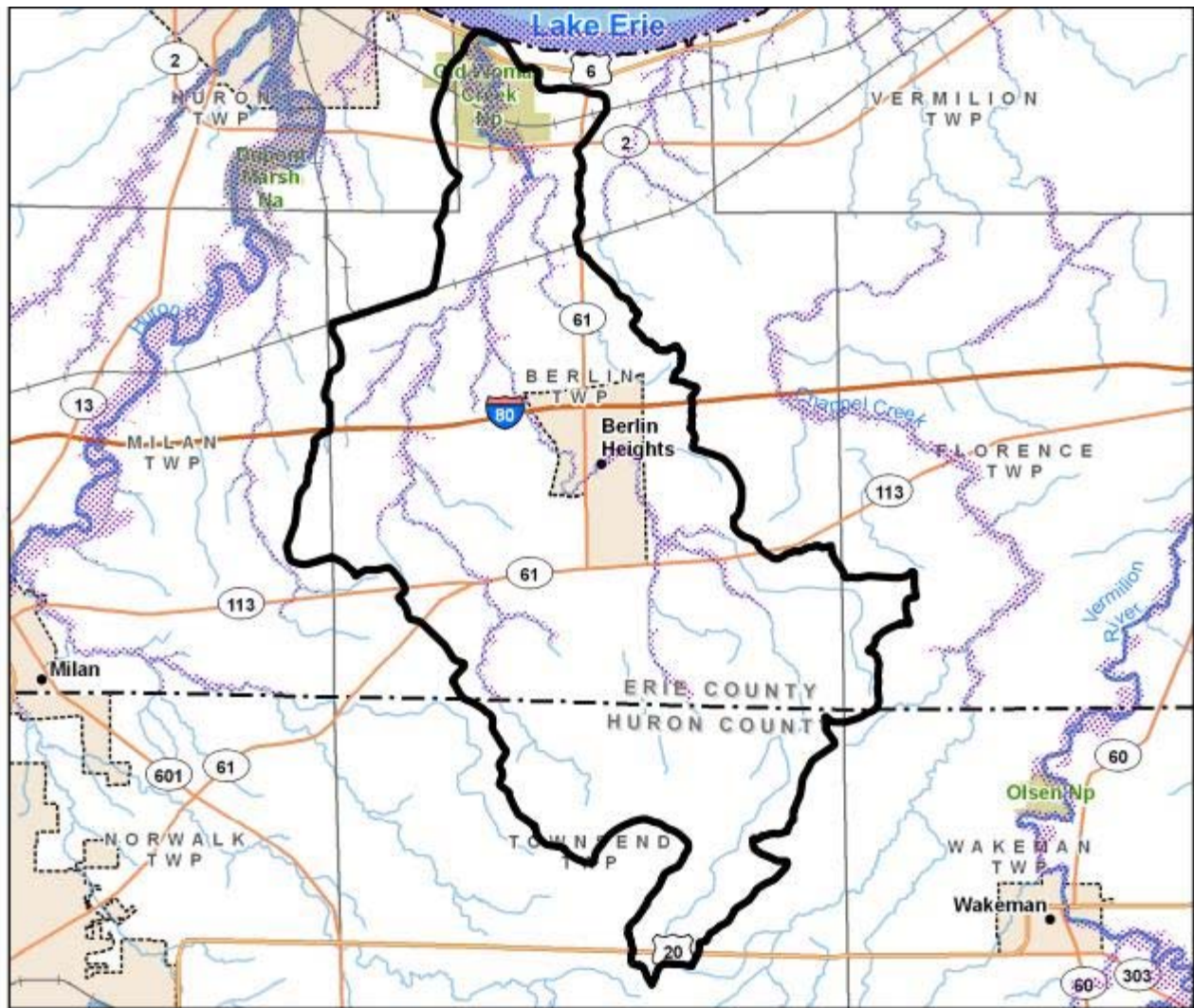
Stream	Stream Segment Description	Aquatic Life Use Designation
Old Woman Creek	all other segments	WWH
Old Woman Creek	estuary	WWH
Unnamed Tributary (Old Woman Creek RM 3.70)	N/A	WWH
Unnamed Tributary (Old Woman Creek RM 8.82)	N/A	WWH

Ohio EPA Stream Classifications

	Miles
Superior High Quality Waters	0.0
Primary Contact Recreation Class A Waters	0.0
Outstanding State Waters	0.0

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Old Woman Creek Watershed Water Resources



Aquifer Vulnerability

- 160 - 179 (Moderately High)
- 180 - 199
- 200 - 300 (High)

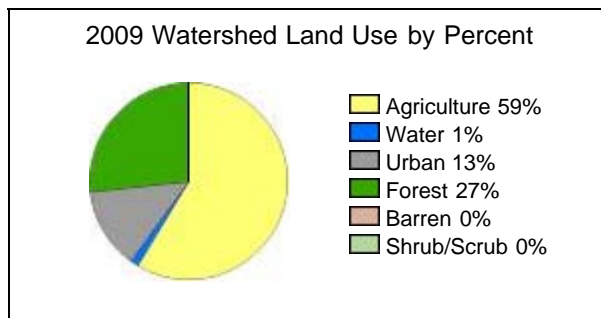
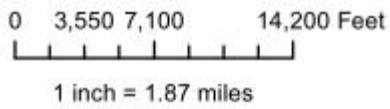
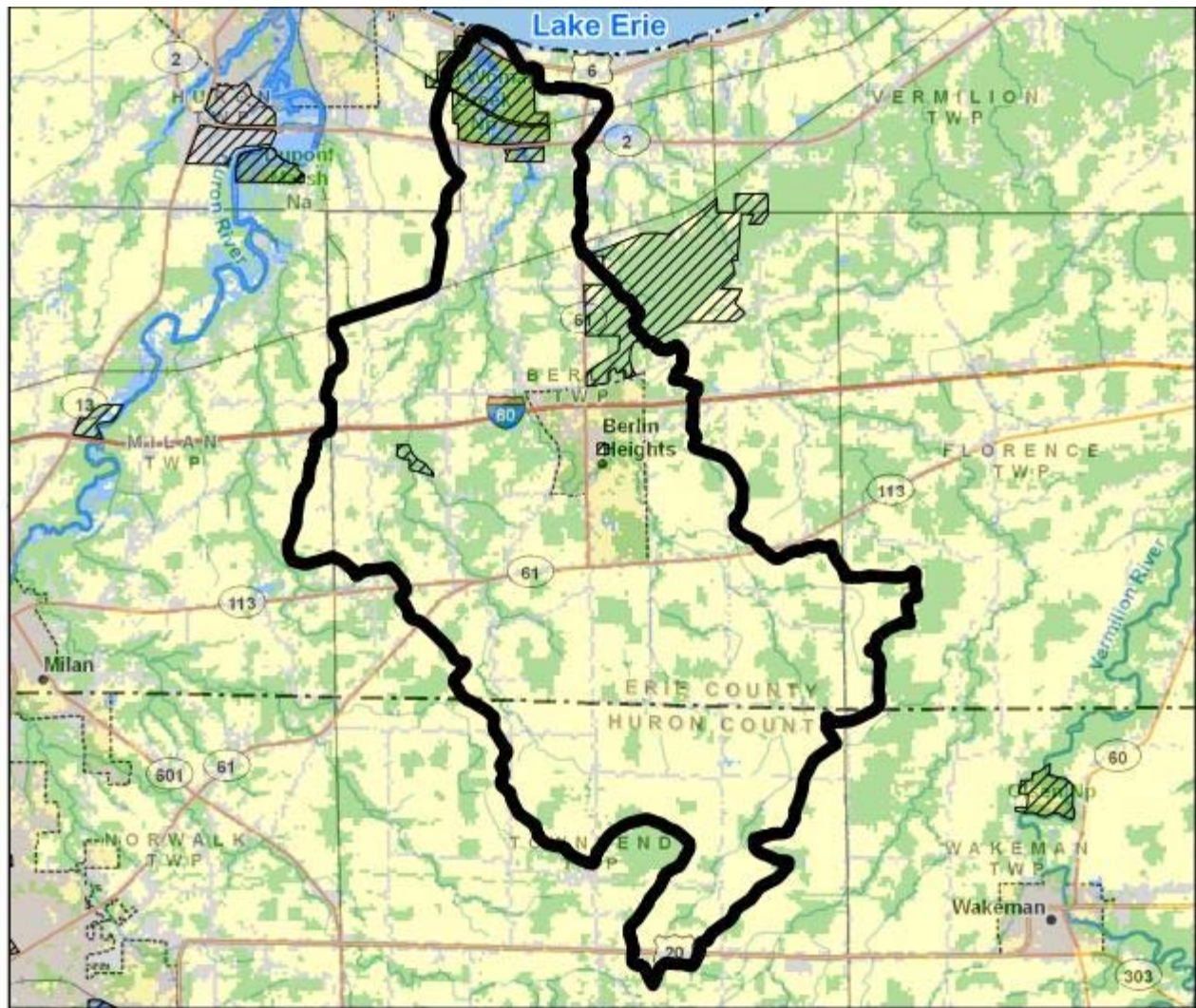
Aquatic Life Use Attainment


- Full
- Non
- Partial



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***Old Woman Creek
Watershed
Land Use***



 Conservation and Recreational Land

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