Sawmill Creek
Watershed
041000110101

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Sawmill Creek

**Watershed:** 9125.5 acres 14.3 square miles

**Hydrologic unit code** (12 digit): 041000110101
(old 14 digit): 04100011050090
04100011050100

**Watershed Coordinator:** N/A
**Email:** N/A
**Phone:** N/A

**Watershed Action Plan:** N/A

**Ohio EPA**

**Aquatic Life Use attainment:** Impaired needing TMDL

*TMDL Report (Based on HUC 11 boundaries)*

*Watershed Assessment Report*

**In the Watershed**

**Soil and Water Conservation Districts**

- Erie: 9124.7 acres

**Municipalities**

- Huron: 8.8 acres

**School Districts**

- Berlin-milan Local: 2117.3 acres
- Huron City: 2775.3 acres
- Perkins Local: 4232.9 acres

Area having Probable Karst features: 9138.3 acres

Bedrock: black shale, limestone, shale

**Climate**

- Average annual maximum temperature: 56 °F
- Average annual minimum temperature: 9.5 °F
- Average annual Precipitation: 24 inches

![Average Monthly Rainfall (in inches)](chart)

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**Census**

*Population (reported by block)*

- 1980: 1284
- 1990: 2085
- 2000: 2338

**Water Resources**

- 100 year floodplain: 125.0 acres
- Wetlands (2007): 186.6 acres
- Ponds & Lakes: 117.2 acres
- Streams & Rivers: 30.2 acres

9/28/2011
People (reported by tract)
- Rural: 853
- Urban: 1484
- Agricultural: 28
- In Labor Force: 1124

Education (reported by tract)
- Enrolled K-12: 450
- Enrolled college: 109
- Completed <9: 924
- Completed HS diploma or GED: 575
- Some college: 333
- Associates degree: 92
- Bachelors degree: 297
- Graduate degree: 193

Households (reported by tract)
- Average Size: 2.6
- Average Income: $66,337

Soil Resources
- Prime farmland: 8450.7 acres
- Highly erodible land: 0.0 acres
- Frequently flooded: 0.0 acres
- Hydric: 0.0 acres
- Partially hydric: 8287.1 acres

Soil Drainage
- Well: 212.2 acres
- Moderately well: 794.1 acres
- Somewhat poorly: 3442.8 acres
- Poorly drained: 121.7 acres

Hydrologic Soil Group
- A: 107.2 acres
- B: 166.3 acres
- C: 429.8 acres
- D: 1839.9 acres
- A/D: 1093.8 acres
- B/D: 1062.8 acres
- C/D: 4126.3 acres

Land Use and Environment
- Conservation & Recreation Land: 83.7 acres

Resource Conservation Activities
- BMP installation and land user assistance: 5.0 sites
- Ohio EPA Approved bio-solid application fields: 0.0 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: Mixed Oak Forests
- Freshwater Marshes and Fens
- Prairie Grasslands
- Elm-Ash Swamp Forests
- Ecological region: Erie Lake Plain, Marblehead Drift/Limestone Plain

Land Use (acres)

<table>
<thead>
<tr>
<th>Land Use</th>
<th>2009</th>
<th>2001</th>
<th>1994</th>
</tr>
</thead>
<tbody>
<tr>
<td>Agriculture</td>
<td>5514.3</td>
<td>7178.3</td>
<td>8007.4</td>
</tr>
<tr>
<td>Water</td>
<td>168.9</td>
<td>200.2</td>
<td>240.8</td>
</tr>
<tr>
<td>Urban</td>
<td>1704.8</td>
<td>112.5</td>
<td>182.5</td>
</tr>
<tr>
<td>Forest</td>
<td>1710.2</td>
<td>1621.4</td>
<td>700.2</td>
</tr>
<tr>
<td>Barren</td>
<td>34.9</td>
<td>0.0</td>
<td>1.4</td>
</tr>
<tr>
<td>Shrub/Scrub</td>
<td>0.0</td>
<td>23.8</td>
<td>4.2</td>
</tr>
</tbody>
</table>

Watershed impairments (Ohio EPA)

<table>
<thead>
<tr>
<th>Causes</th>
<th>Sources</th>
</tr>
</thead>
<tbody>
<tr>
<td>cause unknown</td>
<td>acid mine drainage</td>
</tr>
<tr>
<td>direct habitat alterations</td>
<td>natural</td>
</tr>
<tr>
<td>natural limits</td>
<td>pasture land</td>
</tr>
<tr>
<td>nutrients</td>
<td>removal of riparian</td>
</tr>
<tr>
<td>organic enrichment/DO</td>
<td>vegetable - agriculture</td>
</tr>
<tr>
<td></td>
<td>source unknown</td>
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</tbody>
</table>

Ohio EPA Aquatic Life Use Designation

<table>
<thead>
<tr>
<th>Miles</th>
<th>Miles</th>
</tr>
</thead>
<tbody>
<tr>
<td>Coldwater Habitat (CWH)</td>
<td>0.0</td>
</tr>
<tr>
<td>Exceptional Warmwater Habitat (EWH)</td>
<td>0.0</td>
</tr>
<tr>
<td>Warmwater Habitat (WWH)</td>
<td>3.8</td>
</tr>
<tr>
<td>Limited Resource Water (LRW)</td>
<td>0.0</td>
</tr>
</tbody>
</table>

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<table>
<thead>
<tr>
<th>pH</th>
<th>streambank modification/destabilization - ag.</th>
</tr>
</thead>
<tbody>
<tr>
<td>siltation</td>
<td>upstream impoundment</td>
</tr>
</tbody>
</table>

### Ohio EPA Source Water intakes and Protection Areas

<table>
<thead>
<tr>
<th>System</th>
<th># of intakes</th>
<th>Acres</th>
</tr>
</thead>
<tbody>
<tr>
<td>Huron Water Treatment Plant</td>
<td>0</td>
<td>66.5</td>
</tr>
</tbody>
</table>

### Ohio EPA Aquatic Life Use Designation

<table>
<thead>
<tr>
<th>Stream</th>
<th>System Segment Description</th>
<th>Aquatic Life Use Designation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sawmill Creek</td>
<td>N/A</td>
<td>WWH</td>
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</tbody>
</table>

### Ohio EPA Stream Classifications

<table>
<thead>
<tr>
<th>System</th>
<th>Miles</th>
</tr>
</thead>
<tbody>
<tr>
<td>Superior High Quality Waters</td>
<td>0.0</td>
</tr>
<tr>
<td>Primary Contact Recreation Class A Waters</td>
<td>0.0</td>
</tr>
<tr>
<td>Outstanding State Waters</td>
<td>0.0</td>
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</tbody>
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Watershed Report

Sawmill Creek Watershed Water Resources

9/28/2011
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Watershed Report

Sawmill Creek Watershed Land Use
2009 Watershed Land Use by Percent

- Agriculture: 60%
- Water: 2%
- Urban: 19%
- Forest: 19%
- Barren: 0%
- Shrub/Scrub: 0%

Conservation and Recreational Land

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