



Protecting the river since 1965

# Fleming Creek at Geddes Road Fact Sheet

## Site History

Fleming Creek is a clear, cool, and powerful stream. It was important source of power for the first European settlement in this area. In 1824, Mr. Fleming built one of the first mills on the Huron River system. It was located on Fleming Creek very close to the current Botanical Gardens. The Botanical Gardens are located about 3 miles upstream from this location.

Parker Mill County Park, where you are currently located, is a 26 acre tract of mostly wooded land that encompasses the tail end of Fleming Creek, including the mouth of the creek, where it joins the Huron River. Parker Mill County Park is the site of another mill on Fleming Creek. Built in 1873, the Parker Mill is one of the historic treasures in our Washtenaw County area. The mill is operable and contains original milling machinery, left in the mill when the Parker family ceased operation in 1958.

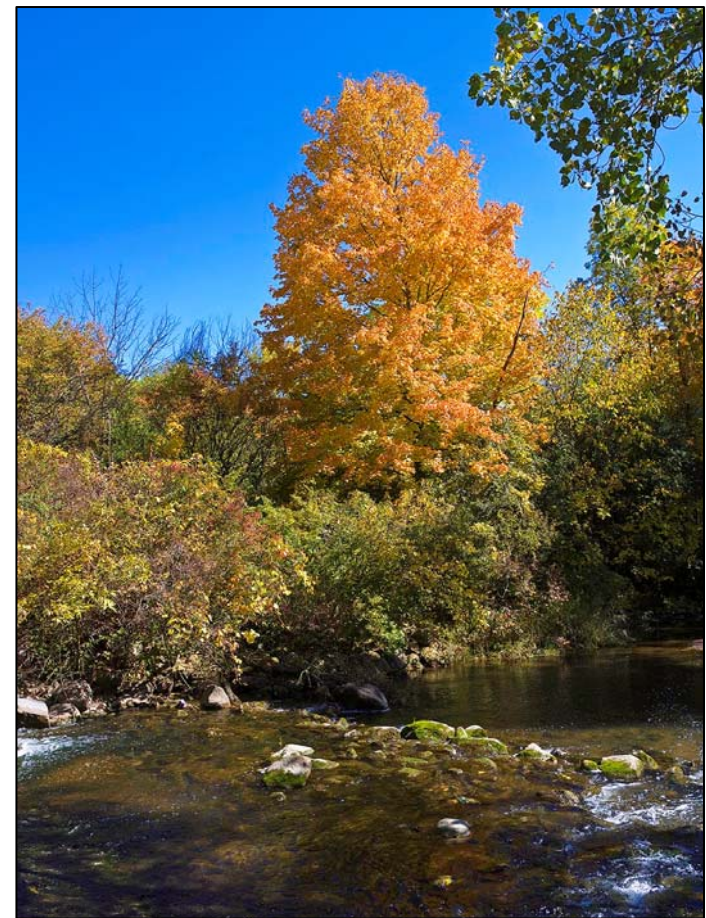


Photo credit: Ed Rosch

## Watershed Information

Area of land draining to this site: 31 mi<sup>2</sup>

Local government: Washtenaw Co, Salem and Superior Twn.

Watershed land use: 23% Agriculture, 31% Urban, 12% Forest, 26% Open, 8% Wetland.  
11% of this land is impervious surface

Huron River Watershed Council, 1100 N. Main Street, Ann Arbor, MI, 48104, (734) 769-5123

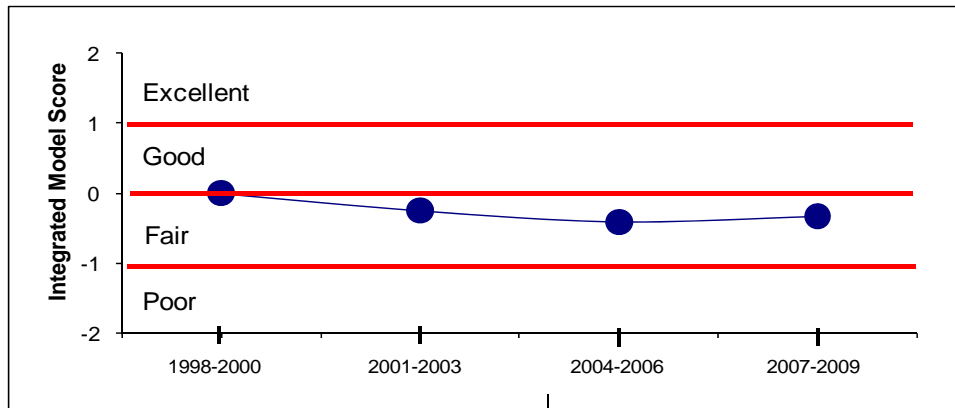
Last Updated: 11/1209, Updates to this fact sheet? Email [psteen@hrwc.org](mailto:psteen@hrwc.org)



Google 2009

# Site Rating: Fair

Each site is rated as one of the following categories (going from worst to best): poor, fair, good, and excellent. This rating comes from an integrative model that is based on the last 3 years of insect data, the most recent habitat data, stream temperature, and stream size.



**Insect Community**    First Monitored: 9/19/92    Times monitored: 34

*From 2007-2009, the average number of insect families found at this location are:*

Total Insect Families: 10.8

Sensitive Insect Families (quickly affected by pollution): 0.8

Mayfly, Stonefly, and Caddisfly Families: 4.8

Stonefly Families (Winter Stonefly Search): 1

*Insects commonly found from 2007-2009:*

Nemouridae\*– broadback stonefly

Simuliidae- black fly larva

Perlidae\*- common stonefly

Tipulidae- crane fly larva

Heptageniidae- flathead mayfly

Veliidae- short-legged strider

Hydropsychidae- net-spinner caddisfly

Limnephilidae- northern caddisfly

Philopotamidae- finger-net caddisfly

Aeshnidae- damer dragonfly

Calopterygidae- broad-winged damselfly

\*Sensitive Family

Gyrinidae-whirligig beetle

Chaoboridae- phantom midge

## Stream Habitat

*Water Temperature (Summer 2000):*

Average weekly minimum: 59°F

Average weekly maximum: 71 °F

*Conductivity: 793 μS*

This is a 3 year average of samples taken 1-3 times per year. 800 μS or lower is considered normal.

*Measuring and Mapping Program* Times monitored: 5

Measurements and Observations from most recent event held on 9/14/06:

Avg. Depth (ft): 1.5

Max Depth (ft): 3.4

Avg. Width (ft): 25

Bank Height (ft): 1.6

% Fine Substrate: 19

% Coarse Substrate: 81

% Riffle Embeddedness: <25

% Banks Bare: 15

Bad Appearance or Odor: No

Overall habitat score (100 max): 85.5