



Huron  
River  
Watershed  
Council

*Protecting the river since 1965*

# Honey Creek at Jackson Road Fact Sheet

## Site History

In the mid-1980's, dioxane, a probable carcinogen, was found in lakes and wells around the Honey Creek watershed. Gelman Sciences had been discharging their chemical wastewater into unlined lagoons and spraying it on lawns around the plant.

Pall Life Science, which bought Gelman in 1997, has since been cleaning the dioxane from the groundwater. The MDEQ has allowed Pall to discharge the wastewater from its cleanup process into Honey Creek.

Honey Creek flows into the Huron River upstream of the Barton impoundment, which is the main source of drinking water for Ann Arbor. However, the city continues to test for dioxane and reports that the water source remains safe.



New photo requested

Photo credit: HRWC

## Watershed Information

*Area of land draining to this site:* 6 mi<sup>2</sup>

*Local government:* Washtenaw Co, Scio Twn.

*Watershed land use:* 22% Agriculture, 43% Urban,  
11% Forest, 18% Open, 6% Wetland.

15% of this land is impervious surface

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

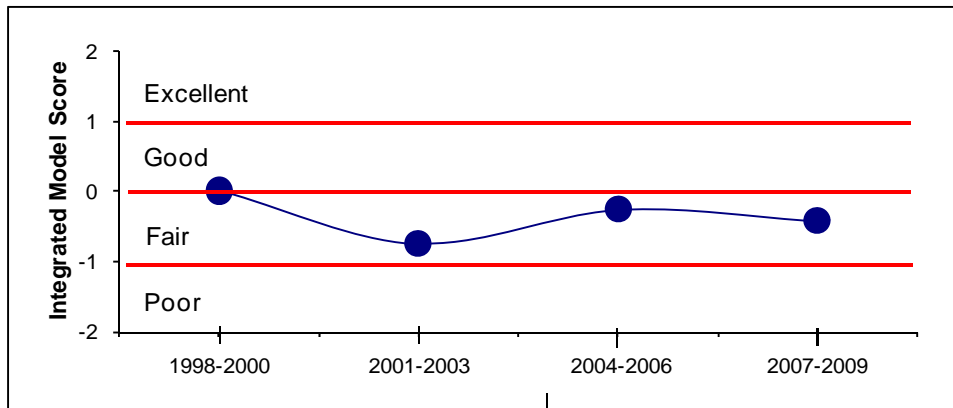
*Last Updated: 11/12/09, Updates to this fact sheet? Email [psteen@hrwc.org](mailto:psteen@hrwc.org)*



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: 4/17/93    Times monitored: 31

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

Total Insect Families: 8.3

Sensitive Insect Families (quickly affected by pollution): 0.3

Mayfly, Stonefly, and Caddisfly Families: 3.0

Stonefly Families (Winter Stonefly Search): 0.3

*Only one sample from 2007-2009:*

Hydropsychidae- net-spinner caddisfly

Limnephilidae- northern caddisfly

Philopotamidae- finger-net caddisfly

Calopterygidae- broad-winged damselfly

Elmidae- riffle beetle

Chironomidae- midge

Simuliidae- black fly larva

Tipulidae- crane fly larva

\*Sensitive Family

## Stream Habitat

*Water Temperature (Summer 2001):*

Average weekly minimum: 68 °F

Average weekly maximum: 73 °F

*Conductivity:* 1045  $\mu$ S

This is a 3 year average of samples taken 1-3 times per year. 800  $\mu$ S or lower is considered normal.

*Measuring and Mapping Program*

Times monitored: 4

Measurements and Observations from most recent event held on 8/21/05:

Avg. Depth (ft): 0.5

Max Depth (ft): 1.0

Avg. Width (ft): 9.5

Bank Height (ft): 1.4

% Fine Substrate: 54

% Coarse Substrate: 46

% Riffle Embeddedness: 25-50

% Banks Bare: 10

Bad Appearance or Odor: No

Overall habitat score (100 max): 72.5