Malletts Creek at S. Main Street
Fact Sheet

Huron River Watershed Council
Protecting the river since 1965

Site History

Malletts Creek lies mostly within the City of Ann Arbor. It drains an 11 square mile watershed and flows into the Huron River at South Pond, next to Huron Hills Golf Course on Huron River Drive. Due to the large amount of impervious surface in its watersheds, Malletts Creek has a significant number of water quality and hydrology problems.

To address these issues, the Washtenaw County Drain Commissioner formed the the Malletts Creek Association and developed a restoration plan that is currently being implemented. The Huron River Watershed Council is one of the partners involved in restoring the Malletts Creek watershed.

- Need picture

Photo credit: x

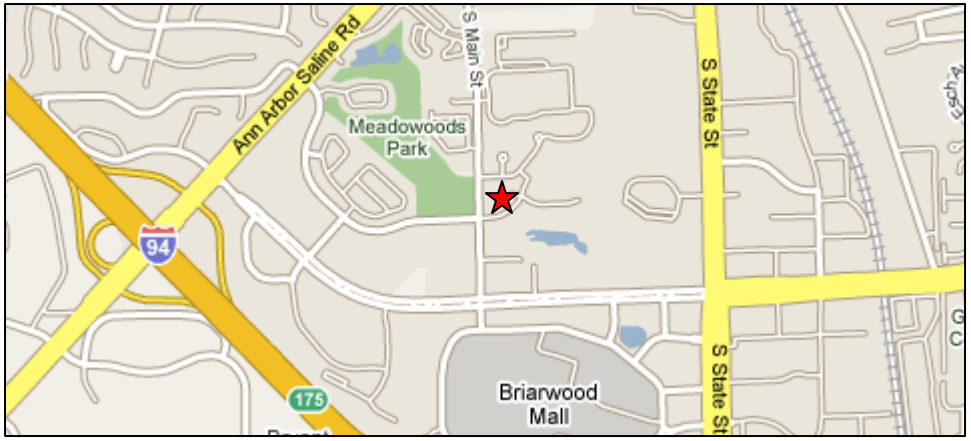
Watershed Information

Area of land draining to this site: 2 mi^2

Local government: Washtenaw Co, City of Ann Arbor

Watershed land use: 11% Agriculture, 76% Urban, 1% Forest, 9% Open, 2% Wetland.

21% of this land is impervious surface



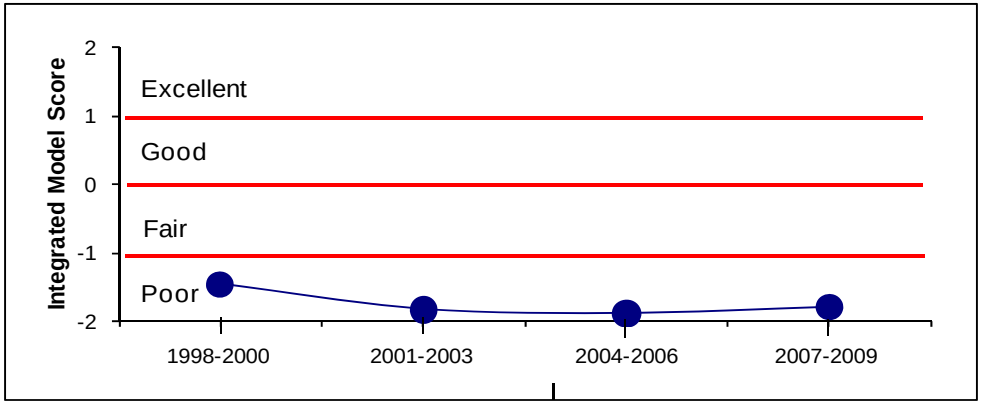
Google 2009

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

Last Updated: 12/9/09, Updates to this fact sheet? Email psteen@hrwc.org

Site Rating: Poor

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: 9/18/99 Times monitored: 22

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

Total Insect Families: 4.8

Sensitive Insect Families (quickly affected by pollution): 0

Mayfly, Stonefly, and Caddisfly Families: 0.6

Stonefly Families (Winter Stonefly Search): 0

Insects found in sampling events from 2007-2009:

Hydropsychidae- net-spinner caddisfly

Calopterygidae- broad-winged damselfly

Coenagrionidae- narrow-winged damselfly

Dytiscidae- predaceous diving beetle

Chironomidae- midges

Chaoboridae- phantom midge

Simuliidae- black fly larva

Stream Habitat

Water Temperature (Summer 2009):

Average weekly minimum: 62 °F

Average weekly maximum: 73 °F

Conductivity: 1658 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: 2

Measurements and Observations from most recent event held on 8/23/2005:

Avg. Depth (ft): 0.4 Max Depth (ft): 1.1

Avg. Width (ft): 9.3 Bank Height (ft): 1.0

% Fine Substrate: 40 % Coarse Substrate: 60

% Riffle Embeddedness: 50-75 % Banks Bare: 30

Bad Appearance or Odor: No

Overall habitat score (100 max): 49.5