

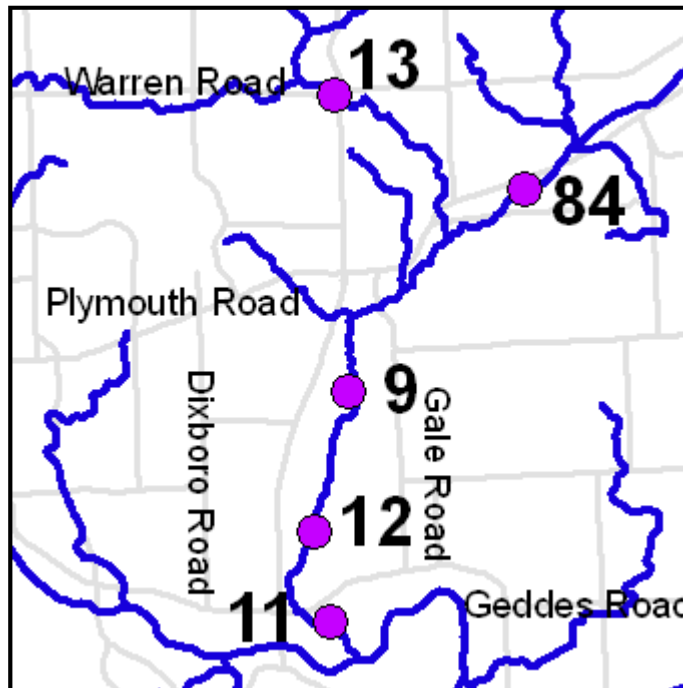
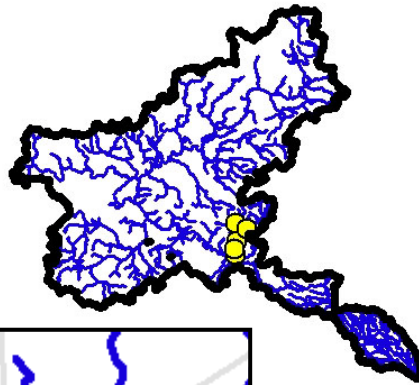


Adopt-a-Stream

Macroinvertebrate Monitoring Results

*September 2008 Data
and Long Term Trends*

Fleming Creek Watershed



September 2008-Fleming Creek Watershed

Site #	Location	Insects	EPT	Sensitive	5 year trend
9	Fleming Creek: Botanical Gardens	13	4*	0	↓
84	Fleming Creek: Galpin	16	3	0*	↓
11	Fleming Creek: Geddes Road (April 2008)	13*	5	2	↓
12	Fleming Creek: Radrick Farms	16	5	1	Stable
13	Fleming Creek: Warren Road	12	5	2	Stable

Key:

- Counts refer to the number of families caught.
- EPT: Ephemeroptera-Plecoptera-Tricoptera (Mayflies-Stoneflies-Caddisflies)
- Shaded box was not sampled in this past River-Roundup but most recent sampling date is given.
- * = statistically significant trends (↓: decreasing; ↑: increasing) over the past 5 years at the 10% level.
- n/a= not available due to incomplete data.
- NEW: site has recently been introduced and has too few samples to detect trend.

Long-term Trends- Fleming Creek Watershed

Site #	Location	Length (years)	Insects	EPT	Sensitive
9	Fleming Creek: Botanical Gardens	15	Stable	Stable	Stable
84	Fleming Creek: Galpin	4	Stable	Stable	Stable
11	Fleming Creek: Geddes Road	16	↑ 8 (1992) 13 (2008)	Stable	Stable
12	Fleming Creek: Radrick Farms	13	Stable	Stable	Stable
13	Fleming Creek: Warren Road	15	↑ 10 (1997) 17 (2008)	Stable	Stable

Key:

- n/a= not available due to 5 or less years of data
- Length: number of years Adopt-a-Stream has been sampling this site
- Statistically significant trends (at the 10% level) over the years given are marked with arrows (↓: decreasing; ↑: increasing)
- Numbers given next to the arrows represent single data points; they give a flavor of the amount of change that has occurred over time.