

Site #	Site Location	Current Site Condition (excellent, good, fair, poor)	Site ranking (1= Best, 61= Worst)	April 2019 Samples			April averages since 2014 (not counting 2019)			Comments	Trend
				All Insects	EPT	Sensitive	All Insects	EPT	Sensitive		
25	Huron River: White Lake Road	Excellent	1				17.0	9.4	4.2	Despite this being a small little river, the insect diversity is high and we always find many sensitive families. There has still been no significant changes over time (1998-2017).	-
22	Huron Creek: Dexter-Pinckney Road	Excellent	2	16	9	4	14.8	8.2	3.6	The site is showing significant long-term increases in EPT and sensitive families for fall samples. Spring EPT is also increasing. (1996-2019)	↑
26	Huron River: Zeeb Road	Excellent	3				18.0	8.5	2.0	Fall sensitive families are significantly increasing. This section of the Huron River is the most diverse in macroinvertebrate life of any that HRWC monitors. (1996-2018) (Its rating gets downgraded because the river is so big here, and we would hope to see even higher diversity than we do!)	↑
30	Mann Creek: VanAmberg Road	Excellent	4				12.5	5.5	3.5	Fall samples have increased significantly over time and spring samples have remained steady and high. This site is also the best site to go to during the Stonefly Search as four families of stoneflies are regularly found (1995-2018).	↑
13	Fleming Creek: Warren Road	Good	5	14	8	3	15.3	8.3	2.7	Since 1994 this site has improved significantly in fall and spring collections. (1994-2019)	↑
16	Honey Creek (N): Darwin Road	Good	6	13	6	1	14.8	7.8	1.8	No significant changes over time (1997-2019).	-
37	Portage Creek: Dexter-Townhall Road	Good	7	17	8	3	13.0	6.3	1.8	While fall samples are holding steady and are very diverse, there have been significant declines in the spring total families, EPT families, and sensitive families since 1996 (sensitive families 5-->1 or 2, normally). This is the best sample seen in several years.	↓

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49	Davis Creek: Silver Lake	Good	8	11	4	2	12.4	5.4	1.6	All spring metrics are significantly declining, but fall sensitive families are significantly increasing---marking this site as unchanged, but still one to keep an eye on. (1998-2019).	-
40	South Ore Creek: Hamburg Road	Good	9	18	8	3	14.7	6.8	1.8	No significantly changes over time (1994-2019).	-
5	Chilson Creek: Chilson Road	Good	10	11	5	3	13.5	6.2	2.3	There have been slight declines in spring and fall counts over time (1997-2019), but the change is not significant.	-
9	Fleming Creek: Botanical Gardens	Good	11				13.0	6.8	1.3	Since 2010, we have been finding 1-2 sensitive families here in the fall where there was once none. Starting in 2018, there was enough data to confirm this as statistically significant. (1993-2019).	↑
84	Fleming Creek: Galpin Road	Good	12	19	8	1	13.7	6.7	1.3	No significant changes over time (2004-2019)	-
14	Woods Creek: L Huron Metropark	Good	13	12	6	1	11.0	5.8	2.0	Long term trends show statistically significant increases in insect and EPT metrics for fall samples and the sensitive family metric for spring samples (1997-2018).	↑
79	Mill Creek: Mill Creek Park	Good	14				10.0	6.0	1.3	No significant changes over time (2003-2018)	-
68	Pettibone Creek: Livingston Road	Good	15	14	6	1	12.5	5.8	1.0	Strange results here. There still has been a significant decline in fall total insect families over time but a significant increase in spring total families over time. (2000-2019).	-
67	Pettibone Creek: Commerce Road	Good	16	11	6	0	11.8	5.8	0.5	There have been no significant changes over time. (2001-2019)	-

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46	Woodruff Creek: Buno Road	Good	17	13	5	2	12.0	5.2	2.0	Recent samples have been quite poor here compared to five-ten years ago. There has been a significant decline in fall EPT over time (6-->3 or 4) (2002-2019).	↓
62	Huron River: Bell Road	Good	18				13.5	5.5	1.0	No significant changes over time (2000-2018).	-
33	Mill Creek: Jackson Road	Fair	19	7	3	0	9.5	4.5	0.0	There have been no significant changes over time (1996-2019)	-
31	Mill Creek: Fletcher Road	Fair	20				14.0	4.0	2.0	Fall families have significantly increased over time (10-->15) (1993-2017).	↑
2	Boyden Creek: Delhi	Fair	21	12	6	2	14.8	7.2	2.4	Fall populations have remained unchanged, but spring Total and EPT families have significantly increased over time. This location is one of the best in the watershed for spring caddisflies. (1994-2018)	↑
15	Hay Creek: M-36	Fair	22	7	3	2	9.6	5.4	1.6	All metrics have decreased over time in fall samples. Spring samples are declining but the changes are not significant. (1996-2018)	↓
52	South Ore Creek: Bauer Road	Fair	23				10.2	5.0	1.6	Total diversity and EPT taxa has significantly decreased over time (1998-2018).	↓
1	Arms Creek: Walsh Road	Fair	24	9	5	1	11.7	6.2	1.5	While slightly lower than average this sample, overall fall EPT and sensitive families have increased significantly over time; spring samples have remained steady. (1993-2019)	↑

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63	Hummocky Lick: M-36	Fair	25				13.5	7.0	2.8	From 2000-2004, about 18 insect families were found in fall samples. Since 2007, it is more usual to find between 11-13, and then more recently, 8-10. This is a statistically significant decrease. Spring samples have not changed over time.(2000-2018)	↓
94	Portage Creek: Rockwell Road	Fair	26				13.0	4.5	0.5	This site has been sampled thrice in the fall, twice in the spring.	?
11	Fleming Creek: Geddes Road	Fair	27	10	6	2	11.6	5.4	1.6	Since 2009, we have been finding 1-2 sensitive families here in the fall where there was once none. Starting in 2018, there was enough data to confirm this as statistically significant. (1993-2018).	↑
21	Horseshoe Creek: Merrill Road	Fair	28	6	3	0	8.8	3.5	0.2	There is a lot of variation in samples here. Long term, however, both spring total and EPT families are significantly declining. (1996-2018).	↓
58	Portage Creek: Unadilla	Fair	29	13	5	1	14.5	5.5	1.5	There have been no significant changes over time (1999-2018).	-
96	Mill Creek: Parker Road	Fair	30				8.5	3.5	0.5	No significant changes over time (2012-2018)	-
61	Huron River: Island Park	Fair	31	9	2	0	10.0	4.3	0.5	There have been no significant changes over time (1996-2017)	-
80	Mill Creek: Shield Road	Fair	32				13.5	5.0	1.5	Total insect diversity (spring only) and EPT diversity (both spring and fall) are statistically increasing over time (2002-2018). This site has made these improvements since the dam downstream came out in 2008.	↑

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55	Mill Creek: Manchester Road	Fair	33	16	8	1	15.7	7.7	2.3	There have been no significant changes over time (1999-2017).	-
6	Davis Creek: Doane Road	Fair	34				13.0	6.0	1.7	Spring samples show that families have been slowly disappearing from this site since monitoring began in 1994. This is a statistically significant change. We used to find 3-4 sensitive families from 1994-2000,	↓
51	Huron River: US-23 (Liv. Co)	Fair	35				11.5	5.0	1.0	Sensitive families have declined in the spring and fall samples over time (1998-2017). All of the other parameters, fall and spring, are declining but not yet statistically significant.	↓
7	Davis Creek: Pontiac Trail	Fair	36				12.0	5.0	2.0	Samples have been slightly declining over many years, but these changes are not yet significant. (1994-2018)	-
57	Mill Creek: Klinger Road	Fair	37	9	3	0	9.3	3.3	0.7	EPT families and total insect families have significantly increased over time (1999-2017).	↑
64	Huron River: Proud Lake Rec Area	Fair	38	8	6	1	11.0	7.0	0.7	No significant changes over time (2001-2016).	-
89	Bancroft-Noles Drain: Lebo Park	Fair	39				7.5	1.5	0.5	No significant changes over time (2008-2018)	-
45	Chilson Creek: Brighton Road	Fair	40	10	5	1	10.5	5.0	0.5	There have been declines in all spring counts over time (1997-2019). Fall samples are holding steady.	↓
91	Portage Creek: Stockbridge	Fair	41	10	3	1	11.3	4.7	1.0	Site seems to be getting worse; no significant changes over time (2013-2018)	-

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47	Huron River: Commerce Road	Fair	42				13.0	7.0	1.0	Fall samples have significantly declined over time (1997-2015), with as many as 18 insect families found in the early years of sampling and only about 5-10 insect families found in recent years. Interestingly, spring EPT has statistically improved! The conflict results in the trend being marked as steady.	-
20	Honey Creek: Wagner Road	Fair	43	8	2	1	8.8	3.5	1.3	The fall sensitive families are significantly declining over time. Most of the other metrics are slightly and non-significantly declining (1993-2018).	↓
82	Walker Creek: 8 Mile Road	Fair	44	11	5	1	11.7	5.3	0.7	No significant changes over time (2003-2017).	-
34	Mill Creek: Letts Cr at M-52	Fair	45				7.0	3.0	1.0	This site is declining significantly in fall insect and EPT families. Spring samples are holding steady. (1993-2018)	↓
24	Huron River: Cross Street	Poor	46				9.0	4.0	0.3	Spring samples have significantly improved at this site since 1997 for total insect diversity. Fall samples have remained steady.	↑
92	Portage Creek: Williamsville	Poor	47	7	3	0	7.3	2.0	0.0	Site seems to be getting worse; no significant changes over time (2010-2018)	-
32	Mill Creek: Ivey Road	Poor	48				11.0	5.0	1.7	There have been no significant changes over time (1993-2018), although spring samples are trending downwards, a result that is not yet significant.	-
27	Malletts Creek: Chalmers Drive	Poor	49				7.8	2.0	0.0	This was the best sample ever taken here! Spring samples have shown improvement over time (1994-2018).	↑

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18	Honey Creek: Jackson Road	Poor	50	7	3	1	7.3	2.7	0.3	Sensitive families have declined in spring samples, from approximately 2 in the early 2000s to 0 in recent years. But!! This is the first time a sensitive was found since 2009. (1993-2019)	↓
50	South Ore Creek: Lake Ridge	Poor	51				5.0	1.7	0.0	This site has declined over time, but these changes are not yet significant. (1998-2018)	-
97	Norton Creek: Gibson Park	Poor	52				7.0	1.0	0.0	This site has been sampled five times (3 fall, 2 spring). It appears to be a better location for sampling macros than the other Norton site (#65). The EPT and sensitive families are low and do indicate disturbed habitat or water pollution.	?
8	Greenock Creek: Rushton Road	Poor	53				5.0	1.7	0.0	This site has gotten worse over time. Spring insect diversity has significantly decreased. (1996-2018)	↓
42	Traver Creek: Broadway Avenue	Poor	54				5.8	1.7	0.0	No significant changes over time (1992-2018)	-
23	Huron River: Flat Rock	Poor	55				6.0	1.7	0.0	Three metrics are declining significantly; the fall insect diversity and the spring insect diversity and EPT diversity. (1996-2018).	↓
60	Port Creek: Armstrong Road	Poor	56	4	1	1	3.5	0.5	0.5	Insect diversity and EPT diversity are declining here (2000-2015).	↓
99	Horseshoe Creek: Brookside Drive	Poor	57	5	1	1	4.3	0.8	0.3	No significant changes over time (2013-2018)	-
98	Horseshoe Creek: Barker Road	Poor	58				4.5	1.3	0.0	No significant changes over time (2012-2018)	-
41	Swift Run: Shetland Drive	Poor	59				4.5	0.8	0.0	No significant changes over time (1992-2018)	-

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65	Norton Creek: West Maple Road	Poor	60	6	1	0	4.3	0.5	0.0	This site shows significant decline in EPT metrics and total insects families (2000-2015). The last several years have had particularly poor counts.	↓
35	Millers Creek: Glazier Way	Poor	61	9	2	0	5.5	0.3	0.0	No significant changes over time (1993-2018).	-