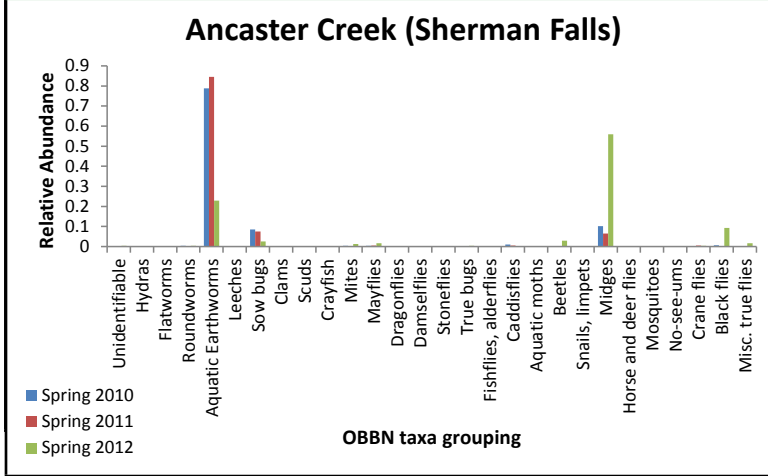




Report Card: Ancaster Creek

About the site	Map
Sherman Falls	
Sampled on 29 May 2012	
Hamilton Conservation Authority	
Why is this stream important? - Downstream of an urbanizing area	

Invertebrate Community	Site Photo
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Variable Measured	2010	2011	2012
Total number of invertebrates	307	197	236
Average species richness (number of species)	6	4.5	6.7
% pollution sensitive taxa (%EPT) (Mayflies, stoneflies, caddisflies)	1.3%	1.06%	1.53%
% pollution tolerant taxa (Aquatic worms, midges)	88.9%	92.9%	78.8%

Water Quality	2010	2011	2012		2010	2011	2012
Total Phosphorus (ug/L)	38.23	42.24	38.81	Chlorophyll a (ug/L)	2.45	5.39	1.38
Total Nitrogen (mg/L)	1.55	0.0	1.90	pH	8.28	8.57	8.08
Conductivity (uS/cm)	1128	738	403	Turbidity (NTU)	2.48	3.49	2.10

Overall status: Water quality conditions and aquatic insect community indicate that conditions are improving, but still show signs of degradation.