



Report Card: Sulphur Creek

About the site	Map
Sulphur Springs	
Sampled on 2 May 2012	
Hamilton Conservation Authority	
Why is this stream important? <ul style="list-style-type: none"> - Area of Natural and Scientific Interest - Dundas Valley Conservation Area 	

Invertebrate Community	Site Photo
<p style="text-align: center;">Sulphur Creek</p>	

Variable Measured	2010	2011	2012
Total number of invertebrates	326	281	227
Average species richness (number of species)	8.7	7.3	6
% pollution sensitive taxa (%EPT) (Mayflies, stoneflies, caddisflies)	39.6%	48.9%	56%
% pollution tolerant taxa (Aquatic worms, midges)	47.9%	38.1%	24.7%

Water Quality	2010	2011	2012		2010	2011	2012
Total Phosphorus (ug/L)	16.35	10.57	4.51	Chlorophyll a (ug/L)	1.55	1.39	1.83
Total Nitrogen (mg/L)	2.25	4.3	0.6	pH	8.13	8.23	8.12
Conductivity (uS/cm)	752	480	519	Turbidity (NTU)	2.29	2.69	1.04

Overall status: Continues to be in good condition, with good representation of pollution-sensitive aquatic insects present in the stream.