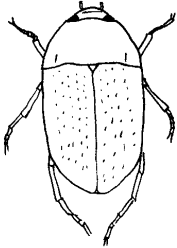


Ontario Benthos Biomonitoring Network Field Sheet-LAKES			
Date: 19-Aug-16	Lake Name: Fox Lake		
Time: 9:15AM	Site #: 1		
Agency: DMM	Location: centroid of 3 replicates; Lat/Long or UTM		
Investigators: Jared Stachiw	Elevation (m asl):	Datum & Zone: NAD 83/17	
Water Quality		Conductivity (uS/cm): -	pH: -
Water Temperature (°C):	Alkalinity (mg/l as CaCO ₃): -		
DO (mg/l): -			

Site Description and Map
 Draw a map of the site (with landmarks) and indicate areas sampled. Attach photograph (optional)
 Show north arrow.



Benthos Collection Method (circle one): <input checked="" type="radio"/> Traveling Kick & Sweep ♦ Other (specify):	Gear Type (circle one): <input checked="" type="radio"/> D-net ♦ Other (specify):	Mesh Size: 500 micron (or specify)
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Replicates	Sampling distance covered (m)	Time (min.)	Max. Depth (m)	Location (UTM or Lat./Long; note datum, zone)
Sample 1	14	3:05	1	45.38760, -79.355290
Sample 2	21	3:11	1	45.383710, -79.355210
Sample 3	18.5	2:24	1	45.383670, -79.355070

Substrate				Class	Description
Enter dominant substrate class and second dominant class for each sub-sample				1	Clay (hard pan)
				2	Silt (gritty, < 0.06 mm particle diameter)
				3	Sand (grainy, 0.06 - 2 mm)
				4	Gravel (2 - 65 mm)
				5	Cobble (65 - 250 mm)
				6	Boulder (> 250 mm)
				7	Bed Rock
Dominant	Sample 1	Sample 2	Sample 3		
	3	3	3		
2 nd					
Dominant	3	3	3		

Substrate Notes:
 very little gravel and cobbles

Organic Matter-Areal Coverage	Sample 1	Sample 2	Sample 3
Use 1: Abundant, 2: Present, 3: Absent			
Woody Debris	3	2	2
Detritus	3	2	2

Riparian Vegetative Community
 Use: 1 (None), 2 (cultivated), 3 (meadow), 4 (scrubland), 5 (forest, mainly coniferous), 6 (forest, mainly deciduous)

Zone (dist. From water's edge)	Sample 1	Sample 2	Sample 3
1.5-10 m	4	4	4
10-30 m	2	2	2 *Cottage
30-100 m	6	6	6

Aquatic Macrophytes and Algae (Use: 1 (Abundant), 2 (Present), 3 (Absent). Circle dominant type.)

Macrophytes	Sample 1	Sample 2	Sample 3	Algae	Sample 1	Sample 2	Sample 3
Emergent	1	1	1	Floating Algae	3	3	3
Rooted Floating	1	1	1	Filaments	3	3	3
Submergent	3	3	3	Attached Algae	2	2	2
Free Floating	3	3	3	Slimes or Crusts	2	2	2

Lake Morphometry (optional, will be calculated by OBBN Coordinator using OFAT)
 Perimeter (m): - Volume (m³): - Fetch (m): - Surface area (m²): - Order: -

Notes (esp. related to land-use, habitat, obvious stressors)
 Cottage behind the site with slope towards water. Does not seem to impact

Candidate reference Site - Minimally Impacted? (circle one) Yes No

General Comments
 A good number of volunteers

Bucket	Before	After	
1	17	14	18%
2	30		30%
3	16	12.5	22%