

Phase II: Zebra Mussel Monitoring Report

Personal Data

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Monitoring Location

Date: 8-27-96 Time: 16:15
County: Walworth City: Williams Bay
Body of Water: Geneva Lake
Nearest Landmark (town, highway, boat ramp, bridge): Municipal Pier next to Public Launch

Distance from nearest landmark:
Habitat Type: River/Stream Natural Lake/Pond X Marsh/Swamp
Canal/Ditch Man Made Reservoir Estuary/Bay

Water Quality Parameters

Temperature: 27°C Secchi Depth: 2.5m

Sampler Information

Total Water Depth: 2.6m Depth of Sampler: 1m
Length of time sampler was in place (Days): 76 (20 since last chk)

Monitoring Results

Number of mussels found: # on Top side of Plates: 0
on Bottom side of Plates: 5
Total: 6
Size of the largest mussel (in mm): 5mm
Size of the smallest mussel (in mm): 4mm
Density of mussels on sampler: 1.3/m^2

Spacer 1

Density of mussels (N/M^2) = Number counted (N) X 10,000 / Area Counted (cm^2)

Area conversions for the plate sampler described in this document:

Table with 3 columns: Plate Size, Area (in.^2), Area (cm^2). Rows include 6" x 6", 8" x 8", 10" x 10", 12" x 12", and Total (4 plates).

If greater than 20 mussels are found measure 20 mussels chosen randomly from the sample. If less than 20 mussels are found measure all mussels found. Report results in table given on next page.

Bottom HTT 1

Top

Length of Zebra Mussels

Number	Length (mm)	Number	Length (mm)
1	5mm	11	
2	5mm	12	
3	4mm	13	
4	5mm	14	
5	4mm	15	
6	4mm	16	
7		17	
8		18	
9		19	
10		20	

NOTE: All samples should be placed in isopropyl or rubbing alcohol until verification is obtained.