

Phase II: Zebra Mussel Monitoring Report

Personal Data

Name: Nick Vorchick
 Address: 680 N. Park St. (Center for Limnology)
 City: Madison State: WI Zip: 53706
 Phone Number: 262 3087

Monitoring Location

Date: 11/2/99 Time: 1300
 County: Dane City: Madison
 Body of Water: Lake Monona
 Nearest Landmark (town, highway, boat ramp, bridge): Boat Ramp near Olbrich Park
 Distance from nearest landmark: ~100 yards
 Habitat Type: River/Stream Natural Lake/Pond Marsh/Swamp
 Canal/Ditch Man Made Reservoir Estuary/Bay

Water Quality Parameters

Temperature: ~11°C Secchi Depth: ~2.5

Sampler Information

Total Water Depth: ~4' Depth of Sampler: ~3'
 Length of time sampler was in place (Days): ~100 days
sampler in place on 8/21/99 pulled in 1st week of October

Monitoring Results

Number of mussels found: # on Top side of Plates: 0
 # on Bottom side of Plates: 0
 Total: 0
 Size of the largest mussel (in mm): _____
 Size of the smallest mussel (in mm): _____
 Density of mussels on sampler: _____

$$\text{Density of mussels (N/M}^2\text{)} = \frac{\text{Number counted (N)} \times 10,000}{\text{Area Counted (cm}^2\text{)}}$$

Area conversions for the plate sampler described in this document:

Plate Size	Area (in. ²)	Area (cm ²)
6" x 6"	36	232
8" x 8"	64	413
10" x 10"	100	645
12" x 12"	144	929
Total (4 plates):	344	2219

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.

