

Send to: Steve Galarneau  
or  
Amy Eklowss

③ Pilgrim Rd  
Plymouth, WI

2004

## Method B: Zebra Mussel Monitoring Report - Quantitative

Instructions: Fill out form and mail to the WIDNR Zebra Mussel Contact person for your area.

Personal Data		
Name: Wayne Stroessner		
Address: 39 East Shore Drive		
City: Random Lake	State: WI	Zip Code: 53075-1608
Phone: (920) 994-2471	Email: wstroessner@wi.rr.com	
Monitoring Location Installed @ 4:00PM on 6/7/04 under Stroessner's pier		
Date: 6/22; 7/09; 7/14; 7/28; 8/14; 8/18; 9/3; 9/11	Time: 10/7; and 10/21 (when Self-Help Monitoring)	
Lake Address: 39 East Shore Drive - Random Lake (above)		
County: Shelburne	Body of Water: Random Lake (30300)	
Nearest Landmark (boat ramp, bridge, pier, etc.): Pier at above address		
Distance and Direction from Landmark: hanging below pier		
Habitat type		
River/Stream <input type="checkbox"/>	Natural Lake/Pond <input checked="" type="checkbox"/>	Marsh/Swamp <input type="checkbox"/>
Canal/Ditch <input type="checkbox"/>	Man-made Reservoir <input type="checkbox"/>	Estuary/Bay <input type="checkbox"/>
Water Quality Parameters 209 Acre lake - Mostly Eutrophic		
Water Temperature: from 49°F to 77°F @ Surface	Secchi Depth: from 4 1/2' to 6 1/4'	
Sampler Information from 6/7 to 10/21		
Depth of Sampler: 6" below surface; 3' from bottom	Number of Days Sampler was in place: 135 days	
Monitoring Results		
Number of Mussels Found None at all!		
# on Top side of Plates:		Note: If more than 20 zebra mussels are found, measure 20 mussels chosen randomly from the sample. If less than 20 mussels are found, measure all mussels. Report results in the table given at the back of this manual.
# on Bottom Side of Plates:		
# Total on Sampler:		
Size of Largest Zebra Mussel:		
Size of Smallest Zebra Mussel:		

# Zebra Mussel Survey

(Random Lake, Wisconsin, 2004)

During the spring of 2004 Amy Bellow from the DNR in Plymouth asked whether Random Lake would help with monitoring for Zebra Mussels. It involved two substrate samplers that were to be suspended in the water. The water should be at least six feet deep. However, since there was no easily accessible site to fit the description, they were hung under Stroessner's pier on June 7, 2004, and attached with aluminum wires so that they would not rust during the summer.

The wires did not rust, but they broke from the constant movement of the waves. After the samplers were recovered from the bottom of the lake, baling wires were attached to support the samplers. After a month or two these wires rusted through and again both samplers had to be retrieved. Only one was located nearby and was tied up with nylon cord. The other sampler evidently found deeper water and has not been seen since it disappeared.

Each of the 11 days that the lake was monitored, the Zebra Mussel samplers were checked. There were no Zebra Mussels observed during the entire summer. (See report form titled: **Method B: Zebra Mussel Monitoring Report - Quantitative**)

Wayne Stroessner, Sampler  
39 East Shore Drive  
Random Lake, WI 53075-1608  
(920)994-2471

Length of Zebra Mussels from Sample

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

None Found all summer  
 Observed 10 times  
 throughout summer  
 from 6/7/04 → 10/21/04

Note: All initial discoveries should be placed in rubbing alcohol until verification by an expert is obtained.