
ZEBRA MUSSEL INFESTATION REPORT: LOTUS LAKE, CARVER COUNTY

MnDNR – Division of Ecological and Water Resources - Invasive Species Program

Lake: Lotus Lake (10000600)

County: Carver

Type of report: **Zebra mussel infestation**

Date of report: October 25, 2019

Author[s] of report: Keegan Lund, April Londo, Kylie Cattoor

Date of inspection: October 24, 2019

Survey methods: Wading, dock inspections

Results: **5 veligers, 5 zebra mussels found**

Observers: RPBCWD, Carver County, DNR staff

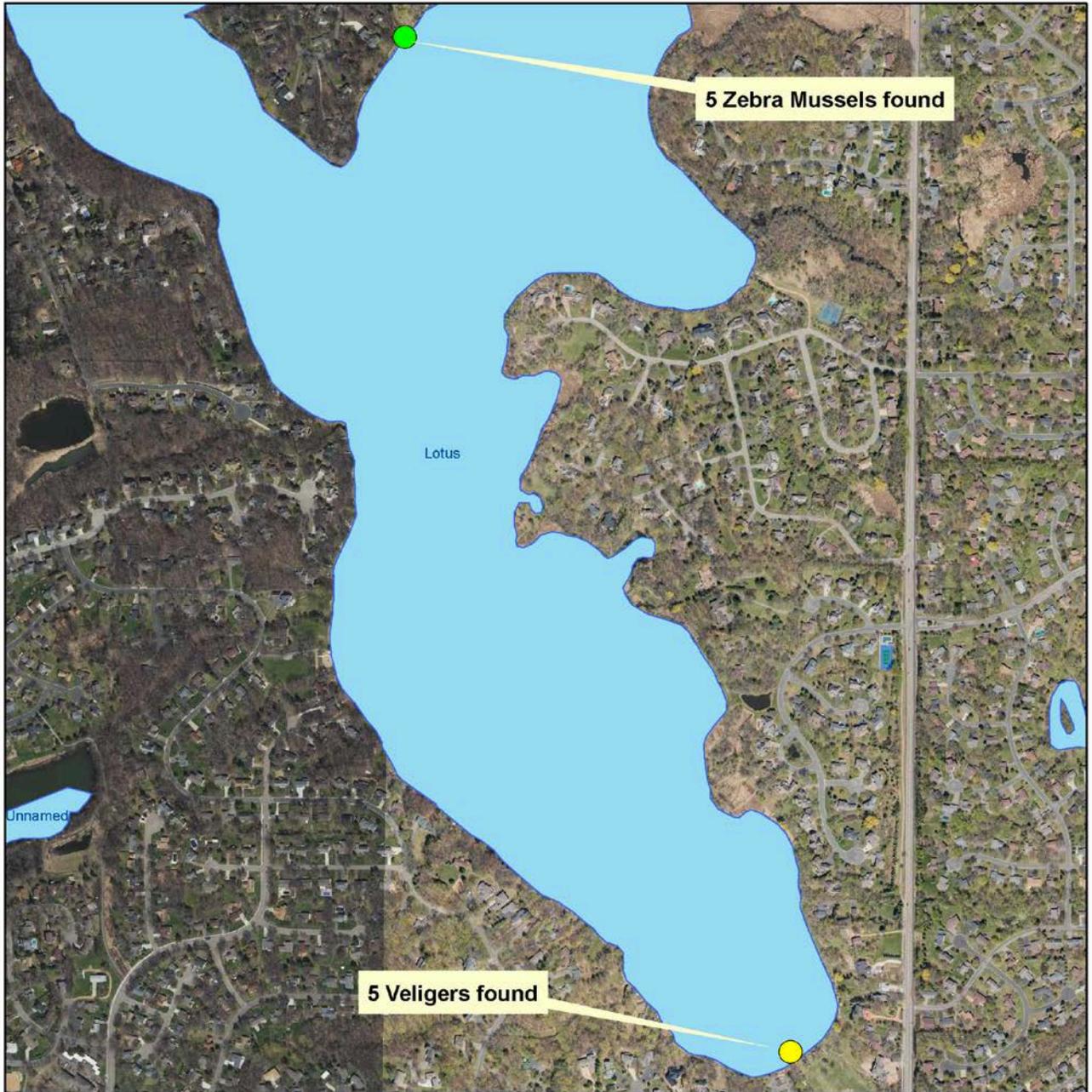
Summary: On August 30, 2019, 5 zebra mussel veligers were found in water samples collected from Lotus Lake, Carver County. The Riley Purgatory Bluff Creek Watershed District (RPBCWD) and Carver County conducts early detection monitoring on several lakes within the watershed. No zebra mussels were found in samples collected on June 20 or September 10. Water samples are submitted to RMB Environmental Laboratories for processing.

Additional in-lake searching occurred on October 9 by RPBCWD staff. No adult zebra mussels were found during the search. On October 24 staff from DNR, Carver County and the RPBCWD surveyed docks around the lake and found 5 zebra mussels ranging in size from 6-16 mm on a dock opposite the veliger sample location. Based on the information provided, Lotus Lake will be added to the DNR Infested Waters List for zebra mussels for 2019. A report was entered into EDDMaps (Record ID 8286111).



Photo 1 & 2: 5 zebra mussels found on a dock from Lotus Lake, Carver County on October 24, 2019. Zebra mussels ranged in size from 6 to 16 mm. In addition, 5 veligers were found off the opposite shore indicating in-lake zebra mussel reproduction and lakewide presence.

Lotus Lake, Carver County New Infestation



Legend

- Veliger Observations (8/30/2019)
- Zebra Mussel Observation (10/24/2019)

Dock Search Details
Date: October 24, 2019
Participants: Carver County, RPBCWD and DNR
Search Effort: 8 people, 16 hours
Found: 5 mussels

Zoomed to Data Extent
R3 AIS Team

