

Washburn and Burnett Counties Zebra Mussel Accomplishments 2017-2020

The following lists are comprehensive of work completed from the start of the zebra mussel rapid response project (2017) to the current year (2020). The rapid response project will finish in 2020, however, work will continue between the county governments and their associated partners through other various means. To date, no new lakes contain zebra mussels.

There were many partners involved in this process, and the amount of field-work conducted would not have been possible without a strong cooperation between all groups involved. Burnett County, Washburn County, St. Croix River Association, U.S. National Park Service, U.S. Fish and Wildlife Service, Wisconsin Department of Natural Resources, and many local lake associations were all involved in the zebra mussel response efforts.

The response to zebra mussels in the McKenzie Lakes was in many ways the first of its kind. The challenges that were encountered throughout the process were used to make monitoring more effective as the years progressed. This project also offered the rest of the state some insight as to what should be expected from a rapid response framework. The journey was shared at the 2018 Wisconsin Lakes Partnership Convention, several AIS Partnership meetings, and through local media.

The methods for monitoring consisted of plate sampling, veliger tows, early detection surveys, and environmental DNA. These efforts are shown by year for each lake that received monitoring.

Decontamination stations are also placed at select boat launches throughout the two counties, and active lake associations are supplying the maintenance to keep them functional. Some of these stations were provided through a state AIS Grant, and others were purchased by lake associations. The decontamination stations consist of a 500 ppm bleach solution in a pressurized sprayer, safety goggles, boat brushes, and a boat hook. In both counties, if decontamination materials are present, they must be used per county ordinance.

A hot water pressure washer is also shared between Burnett and Washburn Counties, and it travels to various boat landings. A portion of the unit's time is at the McKenzie Lakes for zebra mussel containment. Watercraft inspections have also been taking place on numerous lakes within the two counties.

If there are any questions about the response to zebra mussels in Big and Middle McKenzie Lakes, feel free to contact Lisa or Tom with the information provided below.

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Burnett County Zebra Mussel Monitoring Efforts

Decontamination Station Locations

Big Trade Lake (1)
Birch Island Lake (3)
Culbertson Lake (1)
Des Moines Lake (1)
Fish Lake (1)
Lake 26 (1)
Lipsett Lake (1)
Little Bear Lake (1)
Little Wood Lake (1)
Long Lake (1)
Loon-Cadotte Lakes (3)
Middle McKenzie Lake (1)
North Sand Lake (1)
Rooney Lake (1)
Round Lake (1)
Shoal Lake (2)
Yellow Lake (2)

Burnett County Total: 23

Zebra Mussel Plate Sampler Lakes

Bashaw Lake (2018, 2019, 2020)
Big Sand Lake (2017, 2018, 2019)
Birch Island Lake (2018, 2019, 2020)
Clam Lake (2017, 2018, 2019)
Deer Lake (2017, 2018, 2019, 2020)
Des Moines Lake (2018, 2019, 2020)
Green Lake (2019, 2020)
Lily Lake (2019, 2020)
Lindy Lake (2019, 2020)
Lipsett Lake (2017, 2018, 2019, 2020)
Long Lake (Siren) (2019, 2020)
Long Lake (Webb Lake) (2018, 2019, 2020)
Loon-Cadotte Lake (2018, 2019, 2020)
Mystery Lake (2018, 2019, 2020)
Nicaboyne Lake (2019, 2020)
Rice Lake (2018, 2019, 2020)
Spirit Lake (2018, 2019, 2020)
Yellow Lake (2017, 2018, 2019)

Zebra Mussel Veliger Testing Lakes

Bashaw Lake (2017)
Benoit Lake (2017, 2018)
Big McKenzie Lake (2017, 2018, 2019, 2020)
Big McGraw Lake (2020)
Big Trade Lake (2018, 2019, 2020)
Big Wood Lake (2020)
Clam River Flowage (2018, 2019, 2020)
DesMoines Lake (2020)
Devils Lake (2019)
Dunham Lake (2017, 2018)
Falk Lake (2018, 2019, 2020)
Holmes Lake (2020)
Lake 26 (2020)
Lipsett Lake (2018)
Little McGraw Lake (2020)
Little Wood Lake (2017)
Long Lake (Webb Lake) (2020)
Love Lake (2018)
Memory Lake (2018, 2020)
Middle McKenzie Lake (2018)
Nicaboyne Lake (2019)
North Sand Lake (2019)
Rice Lake (2017, 2019)
Spirit Lake (2017)
Webb Lake (2019)
Yellow Lake (2018, 2019, 2020)

Environmental – DNA Testing (EDNA)

Bashaw Lake (2018)
Benoit Lake (2018)
Big McKenzie Lake (2018, 2019, 2020)
Clam River Flowage (2019)
Dunham Lake (2018)
Lipsett Lake (2019)
Middle McKenzie Lake (2018, 2019, 2020)
Rice Lake (2018)
Webb Lake (2019)

Washburn County Zebra Mussel Monitoring Efforts

Decontamination Station Locations

Bass Lake (Casey) (1)
Bear Lake (2)
Big McKenzie Lake (1)
Cable Lake (1)
Island Lake (1)
Long Lake (4)
Lower McKenzie Lake (1)
Mathews Lake (1)
Nancy Lake (1)
Potato Lake (1)
Spooner Lake (1)
Stone Lake (1)
Washburn County Total: 16

Zebra Mussel Plate Sampler Lakes

Balsam Lake (2020)
Bass Lake (Casey) (2018, 2019, 2020)
Bear Lake (2019, 2020)
Big McKenzie Lake (2017, 2018, 2019, 2020)
Chicog Lake (2017, 2018, 2019)
Gull Lake (2018, 2019, 2020)
Hemlock Lake (2020)
Horseshoe Lake (2019, 2020)
Long Lake (2017, 2018, 2019, 2020)
Lower McKenzie (2017, 2018, 2019, 2020)
Mathews Lake (2017, 2018, 2019, 2020)
McLain Lake (2017, 2018, 2019)
Middle McKenzie (2017, 2018, 2019, 2020)
Minong Flowage (2019, 2020)
Nancy Lake (2018, 2019, 2020)
Pear Lake (2017, 2018, 2019, 2020)
Pokegama Lake (2019, 2020)
Red Cedar Lake (2017, 2018, 2019, 2020)
Slim Lake (2019, 2020)
Spooner Lake (2018, 2019, 2020)
Trego Lake (2017, 2018, 2019, 2020)
Twin Lakes (2017, 2018, 2019, 2020)

Zebra Mussel Veliger Testing Lakes

Bass Lake (Casey Township) (2018, 2019)
Bear Lake (2020)
Big McKenzie Lake (2017, 2018, 2019, 2020)
Birch Lake (2017)
Deep Lake (2017)
Gull Lake (2020)
Island Lake (2019)
Long Lake (2020)
Lower McKenzie Lake (2019, 2020)
Mathews Lake (2020)
Middle McKenzie Lake (2018)
Nancy Lake (2019)
Pokegama Lake (2017, 2018, 2019)
Rocky Ridge Lake (2017)
Spooner Lake (2018, 2019)
Tozer Lake (2017, 2018, 2019)
Trego Lake (2017)
Slim Lake (2019)
Stone Lake (2020)

Environmental – DNA Testing (EDNA)

Bass Lake (Casey Township) (2018)
Big McKenzie Lake (2018, 2019, 2020)
Gull Lake (2018, 2019)
Long Lake (2018)
Lower McKenzie Lake (2018, 2019)
Middle McKenzie Lake (2018, 2019, 2020)
Tozer Lake (2018)
Trego Lake (2018)