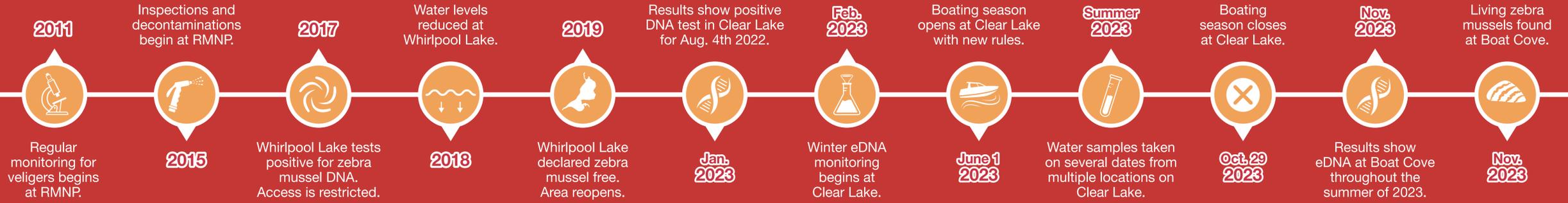


# What Have We Done So Far?

Prevention has been the priority



Feb. 2023

## Winter eDNA Monitoring



1 Holes drilled in ice at Clear Lake's Boat Cove.

2 Water samples retrieved.

3 Sample is passed through a filter to collect eDNA.

4 Filter is sent to lab to be tested for zebra mussel DNA.



June 1 2023

## New Regulations

### Trailer Boats



In 2023, RMNP enhanced its AIS program. To be permitted on Clear Lake, trailer boats must have:

- ✗ NOT have been in any other waterbody in 2023
- ✓ PASSED an inspection by June 15

Boats that met the requirements were attached to their trailers with a tag. If the tag was removed, cut or tampered with, the boat was not allowed to launch in Clear Lake for the remainder of the 2023 season.

### Self-propelled Vessels



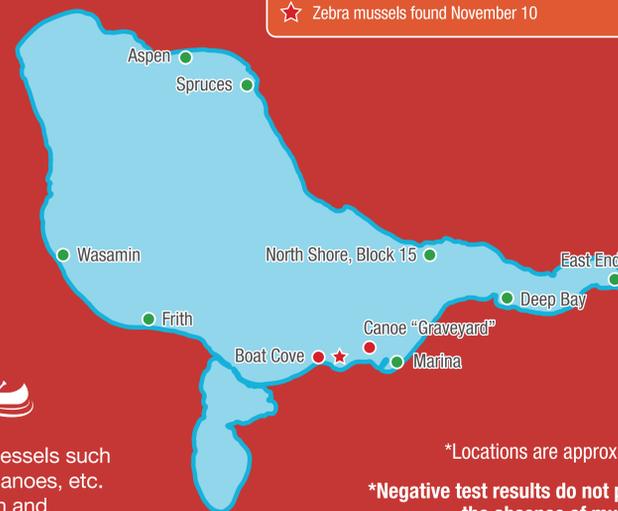
All self-propelled and non-trailer boats such as stand-up paddleboards, kayaks, canoes, etc. were subject to mandatory inspection and decontamination for the 2023 season.



Summer 2023

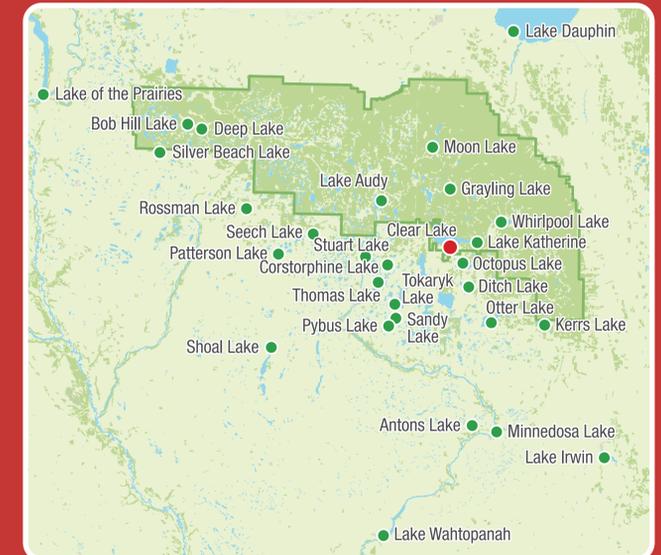
## Summer 2023 Water Sampling

### Clear Lake



\*Locations are approximate  
\*Negative test results do not prove the absence of mussels

### Park and Surrounding Waterbodies



Nov. 2023

## Zebra Mussels Found

In early November, staff discovered and retrieved living zebra mussels from Boat Cove.



Oct. 29 2023

## 2023 AIS Program Statistics

### Trailer Boats

Boats tagged	804
Launches	4338

### Non-motorized and water-related equipment

Temporary permits	4443
Seasonal permits	2976
Decontaminations	377

## Program Successes

The program helped keep other AIS, such as spiny waterflea, rusty crayfish and others from getting into Clear Lake. It also prevented the potential spread of zebra mussel veligers out of Clear Lake.

