

MAISRC Subproject 22: Copper-based control - zebra mussel settlement and non-target impacts

Two bays of Lake Minnetonka (Minnesota) were test locations for this project. St. Albans Bay was treated with EarthTec QZ with a target copper concentration of 60 $\mu\text{g/L}$ for 10 days with five, every-other-day applications (i.e. 5 applications over 10 days). Robinson Bay served as an untreated control reference site. Each bay had five sampling locations that were marked with a buoy. All samples for the study were collected in the vicinity of the buoys, except for the benthic quadrat surveys used to assess zebra mussel abundance. Zebra mussel settlement plate samplers and test animal holding cages were also deployed at each sampling buoy location.

