



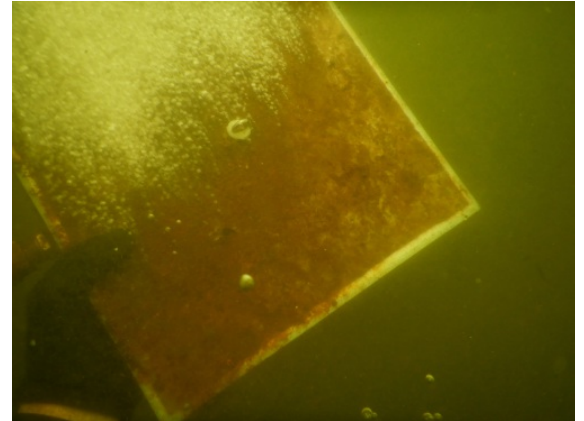
Ski Run Marina Aquatic Invasive Plant Control Pilot- Laminar Flow Aeration

Project Number 01.03.01.0026
Action Priority Prevent, Control, or Eradicate Aquatic Invasive Species
Implementers Ski Run Marina, Tahoe Regional Planning Agency
Supporting Agencies Ski Run Marina
Primary Contact Dennis Zabaglo (dzabaglo@trpa.gov)

Stage Implementation **Duration** 2018 - 2025
Total Project Cost \$80,000 **Funding Request** \$52,550

Aquatic Invasive Species Program ➤ Prevent, Control, or Eradicate Aquatic Invasive Species

Laminar flow aeration (LFA) utilizes air diffusers, air compressors and air lines to add millions of very small air bubbles to the entire water column with the purpose of making it an oxygen rich environment. The oxygen rich environment has the potential to increase decomposition of the organic layer at the bottom of a waterbody, or in this case the marina. The organic layer is used as food for plants and by reducing it there is potential to reduce plant populations as well. This pilot project will test the efficacy of LFA in Ski Run Marina. Results are encouraging and additional funds are being sought to research results and expand treatment further into the marina channel (lake-ward).



Laminar Flow Diffuser

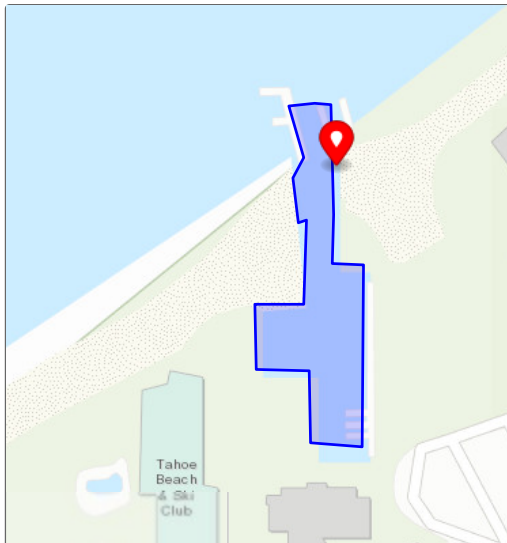
Targeted Performance Measures

- Acres Treated for Invasive Species

Threshold Categories

- Fisheries
- Water Quality

Location

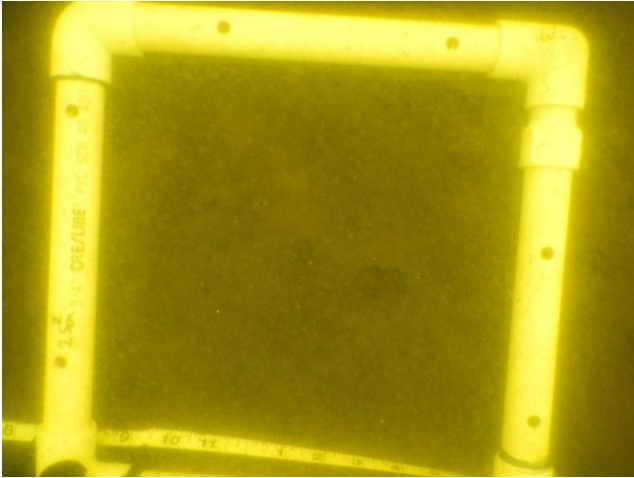


Targeted Funding

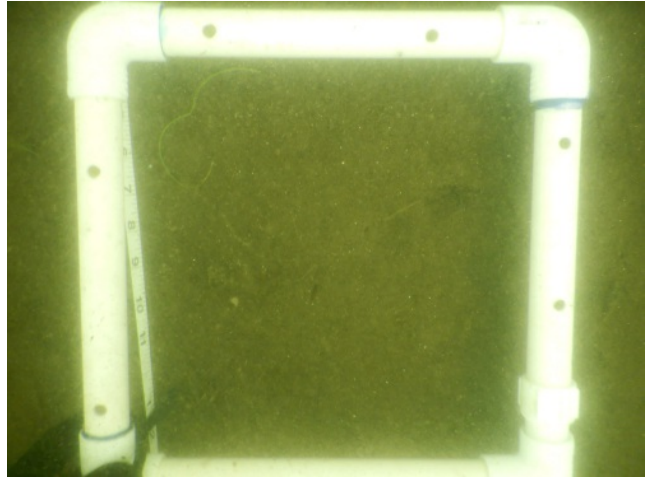
- Secured Funding: Ski Run Marina (Ski Run Marina), \$37,450
- Targeted Funding: Ski Run Marina (Ski Run Marina), \$52,550

Photos

During



Treatment Transect 1



Treatment Transect 2

Project Fact Sheet Data as of 05/13/2025