



Pilot project: Sonar Methods for Aquatic Plant Monitoring

Project Number	01.03.01.0043		
Action Priority	Prevent, Control, or Eradicate Aquatic Invasive Species		
Implementers	Tahoe Regional Planning Agency		
Supporting Agencies	Tahoe Regional Planning Agency		
Primary Contact	Emily Justice (ejjustice@trpa.gov)		
Stage	Completed	Duration	2023 - 2024
Total Project Cost	\$150,000	Funding Request	\$0

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

Pilot project to better understand capabilities of sonar to enhance monitoring of aquatic invasive plant infestations. Methods include multibeam, side scan, dual frequency sonar, and comparison of commercially available sonar software.

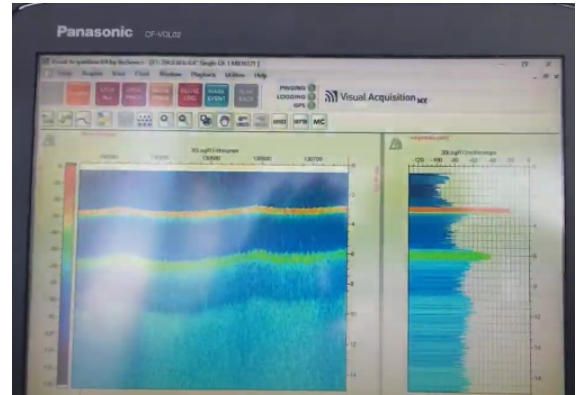
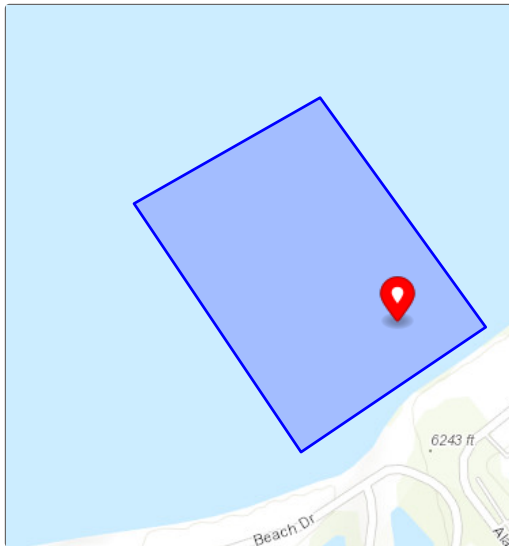
Targeted Performance Measures

- Acres of Invasive Species Inventoried

Threshold Categories

- Fisheries
- Water Quality

Location



Example of data collection process using a sonar method.

Targeted Funding

Secured Funding: Lake Tahoe Restoration Act (TRPA), \$150,000

Photos

Before



30 acre project area selected for pilot project.

During



Field staff collecting sonar data on Lake Tahoe.