

Lake Tahoe Marina Aquatic Invasive Species Management Plan

TRPA Code Subsection 84.6.2.B.1 states:

Aquatic Invasive Species Management Plans. All marinas shall prepare and implement an Aquatic Invasive Species Management Plan within three years of December 24, 2018. The Management Plan shall, at a minimum:

- a) Identify strategies to prevent the establishment of invasive macrophytes and Asian clams in the marina or where aquatic invasive species are already present, identify measures to control or eradicate the species, or reduce the potential for their spread;
- b) Include an aquatic invasive species monitoring and early detection program within the marina and, where feasible, partner with appropriate resource management agencies or organizations; and
- c) Include a public education component.

Submit AIS Management Plan by no later than November 15th annually. All plans must be submitted through [Accela Citizen Access](#). Management Plans are subject to TRPA modifications and final approval.

This guide is intended to provide additional details expected to be included in your responses and reports. If the information outlined in this guide is not included in your management plan response and reports, you will be asked to complete revisions prior to management plan approval. For questions or assistance contact AIS@trpa.gov.

Marina Management Plan

Marina Information

Include basic information about your marina including the full name of the marina, and name, job title and contact information for the primary contact person.

Summarize, if any, changes from the last approved management plan including:

- Changes to marina design or operations
- Changes to aquatic invasive species present (newly identified or successfully controlled)
- AIS control efforts implemented or discontinued.

General

1. Indicate which aquatic invasive species you have observed in your marina in the past year to the best of your ability. If you have photos of species observed, upload them to the file with the file name as the species name or “unknown species.”
2. **Prevention and Control Strategies:** Describe the strategies you are using to prevent the establishment of aquatic invasive plants, New Zealand mudsnail, and Asian clams within the marina (*TRPA Code 84.6.2.B.1.a*) or, where aquatic invasive species are already present, describe the measures you are currently using to control or eradicate the species, or reduce the potential for their spread (*TRPA Code 84.6.2.B.1.a*).

- a. Include your marina's aquatic invasive species monitoring methods and frequency and early detection program, consistent with the protocols described in [Rapid-response protocol for new aquatic invasive plant infestation for Marinas](#), as well as
 - b. any partners you work with to conduct this work (*TRPA Code 84.6.2.B.1.b*).
3. **Staff AIS Training Record:** Marina staff shall participate annually in a specific "Eyes on the Lake", offered by the League to Save Lake Tahoe, or equivalent training provided by qualified experts as approved by TRPA staff. Any staff conducting AIS plan activities shall participate including the marina manager overseeing these activities. Use the list section in Accela to provide the name and title of each staff, as well as the date of last training and [upload proof of attendance](#).
4. Describe your **Marina AIS public education program** (*TRPA Code 84.6.2.B.1.c*) include a description and photo of any signs, educational materials, customer engagement, etc. pertaining to aquatic invasive species at your marina. At a minimum, [Upload photos or copies of:](#)
 - a. Posted signage pertaining to restrictions on filling/drainage of ballast tanks in/at marina
 - b. Public education components such as:
 - i. If applicable, signage on motorized watercraft inspection and seal requirements
 - ii. Mooring agreements provided to customers and homeowners with information of AIS impacts and strategies in place
 - iii. Educational materials for the Tahoe Keepers and Eyes on the Lake program shall be available
5. **Annual underwater surveys for rooted aquatic invasive plants, presence of New Zealand mudsnail, Asian clams, crayfish, and/or warm water fish** in the marina, buoy field and boating channels must be conducted between the months of June and October, the natural growing season for aquatic plants. Prior to conducting these surveys each year, submit the following to TRPA for approval:
 - a. Name of company or person conducting the survey
 - i. [Upload proof of their qualifications](#) and/or of attendance of recent (within one year of survey) qualified aquatic species training.
 - b. [Upload the survey methodology](#).

Annual underwater surveys must be submitted using the provided ArcGIS Field Maps survey tool. No other form of survey submission will be accepted.

6. **For locations with known aquatic invasive plant infestations, [upload an AIS Control Plan](#)** document describing the control methods you have selected or are pursuing to reduce the population over the next 1-2 seasons. These will be reviewed and approved by TRPA with the potential for funding support. Include a detailed explanation of the following information:
 - c. Control methods proposed, for example:
 - i. Bubble curtain
 - ii. "Boat back-up" stations

Marina Management Plan Guide

- iii. AIS removal projects
 - iv. Marina redesign
 - v. Other technologies
 - d. Timeline
 - e. Permitting needs
 - f. Total costs
 - i. Funding support may be available for marinas that are consistently implementing the actions described in their approved AIS Management Plans.
- 7. Did your marina experience a Harmful Algal Bloom? If yes, please answer questions 8a-8d.
 - 8a. When:
 - 8b. In what part of the marina:
 - 8c. Were toxins confirmed by a lab?
 - 8d. If so, provide the toxin levels and upload a copy of the lab report.