

Permitting procedures for pesticide misting systems to control spiders on commercial and homeowner docks on TRWD reservoirs.

Effective 1/8/21

TRWD allows the use of misting systems on commercial docks (marinas) and on homeowner docks under the following guidelines:

Commercial Facilities

- TRWD will permit and inspect system prior to full operation (one inspection only after installation, then once annually during facility inspection) TDA license must be supplied to TRWD.
- Permit fee will be required. Amount will be based on current fee schedule at time of installation.
- System must be installed, operated, and maintained under the supervision of a TDA licensed pesticide applicator.
- Chemical used must be approved for use over water and approved by TRWD. No substitutions of chemical are permitted without TRWD review and approval.
- The chemical solution tank shall remain locked at all times and only be accessed by the TDA license pesticide applicator.
- The tank must be located on land with fill ports above the 100-year flood elevation of the associated reservoir. The tank must have secondary containment equal to 100% of the tank volume. Tank placarding will be required with the TDA pesticide applicators name and contact information along with a tag indicating last service date and when the next service is due.
- An electric solenoid valve shall be installed on the chemical supply line from the tank to the misting systems within the tank containment and be open only when the system is activated and closed when system is not activated.
- A contract shall be developed between applicator and commercial dock operator and made available to TRWD when requested.
- Termination of a contract will require the system to be removed in its entirety.
- Commercial installations of misting systems will be inspected annually in conjunction with the annual facility inspection.

Homeowner Docks

- TRWD will not permit and inspect system prior to full operation.
- System must be installed, operated, and maintained under the supervision of a TDA licensed pesticide applicator.
- Chemical used must be approved for use over water and approved by TRWD. No substitutions of chemical are permitted without TRWD review and approval.
- The chemical solution tank shall remain locked at all times and only be accessed by the TDA license pesticide applicator.
- Tank fill ports will be located above the 100-year flood elevation of the associated reservoir. The tank must have secondary containment equal to 100% of the tank volume. Tank placarding will be required with the TDA pesticide applicators name and contact information along with a tag indicating last service date and when the next service is due.
- An electric solenoid valve shall be installed on the chemical supply line from the tank to the misting systems within the tank containment and be open only when the system is activated and closed when system is not activated.
- A contract shall be developed between applicator and dock owner and made available to TRWD when requested.
- Termination of a contract will require the system to be removed in its entirety.