

Decontamination Procedures

These decontamination procedures apply to all public users of the Des Moines Lake and Long Lake joint boat launch. They describe the approved methods for removing and killing aquatic invasive species from watercraft and associated equipment that may hold or transport lake water. Each section outlines a specific decontamination task based on vessel design and risk factors identified during inspection by a trained user. All procedures must be followed as written to ensure compliance with local requirements and Wisconsin aquatic invasive species laws. Procedures are subject to revision. A versioning system is maintained to update instructions as equipment, standards, or regulatory requirements change.

High-Pressure Wand Decontamination Version 1.0

This procedure is mandatory for all public users of the Des Moines Lake and Long Lake joint boat launch.

Decontamination must be completed before launching and immediately after exiting either lake to prevent the spread of aquatic invasive species.

Failure to comply will result in a report to the Burnett County Sheriff's Department.

Equipment

- Hot water pressure washer
 - 4 gallons per minute at 1000 PSI and ≥ 140 °F.
- Pressure Wand with Fixed 15° plumbed nozzle delivering
 - Lower pressure configuration minimizes heat loss and provides safer operation near sensitive surfaces
 - Optimized for reaching under pontoons, trailers, and low-clearance areas where close proximity (12–18 in.) is impractical

Decontamination Sequence

- Read and obey all safety instructions
- Remove wand from holder and unreel hose
- Press the green start button to activate automatic cycle
- While spraying hot water, move the wand systematically over the entire vessel and trailer
- Maintain a minimum of 12" from watercraft and trailer surfaces
- Ensure each surface receives ≥ 10 seconds of direct exposure to ≥ 140 °F spray.
- Follow sequence: bow → hull sides → transom → motor exterior → trailer bunks → axle hubs → intake areas
- After 3:30 cycle, machine will auto-shut off
 - Press red stop button to stop operation
- Reel in hose and replace wand on holder

Engine Cooling System Decontamination Version 1.0

This procedure applies to vessels using the Des Moines Lake and Long Lake joint boat launch.

Decontamination of engine cooling systems is performed only when determined necessary by a trained user based on inspection findings or risk assessment for aquatic invasive species transfer.

When required, decontamination must be completed before launching and immediately after exiting either lake.

The procedure may only be performed by a trained user.

Failure to comply will result in a report to the Burnett County Sheriff's Department.

Equipment

- Hot-water system supplying 50 PSI water at a maximum of 120°F, regulated by a thermostatic valve
- Motor muffs for outboards and sterndrives without backflush ports
- Garden hose connection for outboards equipped with backflush ports
- Fake-a-Lake device for inboard engines
- Garden hose with quick-connect fittings
- Water holding container

Decontamination Sequence

- Trained user only.
- Read and follow all posted safety instructions.
- Position vessel for service and instruct boat owner to enter watercraft.
- The trained user assesses the vessel and determines whether engine cooling system decontamination is required.
- If required, identify engine type and select connection method:
 - Outboard or sterndrive without backflush port: attach motor muffs over lower unit intake ports.
 - Smaller outboards may require submersion in water holding container
 - Outboard with backflush port: attach garden hose directly to backflush fitting.
 - Inboard engine: position Fake-a-Lake device under intake port.
- Begin water flow from hot-water system ($\leq 120^{\circ}\text{F}$, 50 PSI) and confirm outlet temperature before starting engine.
 - If using container, fill completely with 120°F water

- Before starting engine, remove all
- Once flow is stable or the container is filled, instruct the boat owner to start the engine and keep it at idle only throughout the process.
- All personnel must remain clear of the propeller and lower unit area at all times during engine operation. No person shall stand directly behind or below the propeller during operation.
- Maintain engine operation and water flow for 2 minutes after confirming discharge water temperature has reached 120°F at the outlet or pee hole.
- Some engines may not discharge at full flow until the thermostat opens (typically around 140°F).
- After completion, instruct the boat owner to shut off the engine.
- Turn off water flow and disconnect all fittings or devices.
- After disconnecting equipment, lower the engine to the vertical position and allow all residual water to drain completely.

Ballast Tank Decontamination Version 1.0

This procedure is mandatory for all vessels equipped with ballast tanks using the Des Moines Lake and Long Lake joint boat launch.

Decontamination must be completed before launching and immediately after exiting either lake to prevent the spread of aquatic invasive species.

The procedure may only be performed by a trained user and requires a scheduled appointment as outlined on the posted instructions at the decontamination station.

Failure to comply will result in a report to the Burnett County Sheriff's Department.

Equipment

- Hot-water system supplying 50 PSI water at a maximum of 120 °F, regulated by a thermostatic valve
- Garden hose with quick connect attachment
- Fake-a-Lake device for connection to ballast tank supply ports
- Creeper
- Runoff area designated for post-decontamination discharge on the launch road

Decontamination Sequence

- Confirm appointment authorization and verify trained user is present.
- Read and follow all posted safety instructions.
- Position vessel for service and instruct watercraft owner to enter watercraft
- With Affix Fake-a-Lake device securely over the ballast tank intake port.
- Begin water flow from the hot-water system ($\leq 120^{\circ}\text{F}$, 50 PSI).
- Verify water temperature of $\leq 120^{\circ}\text{F}$
- When flow and temperature are confirmed and stable, the trained user instructs the boat owner to activate the ballast pump
- Maintain continuous flow for 15 minutes per ballast tank to ensure 80 gallon fill of 120°F water
- After 15 minutes, the trained user instructs the boat owner to turn off the ballast pump.
- Allow the heated water to remain in the tank for 10 minutes.
- Once the hold time is complete, drain tanks by moving the vessel to the launch road discharge area, away from the decontamination station. Do not discharge into the lake.
- Repeat the 15-minute injection and 10-minute hold process for each ballast tank until all have been treated.

Live Well and Bait Well Decontamination Version 1.0

This procedure applies to vessels using the Des Moines Lake and Long Lake joint boat launch.

Decontamination of live wells and bait wells is performed only when determined necessary by a trained user based on inspection findings or risk assessment for aquatic invasive species transfer.

When required, decontamination must be completed before launching and immediately after exiting either lake.

The procedure may only be performed by a trained user.

Failure to comply will result in a report to the Burnett County Sheriff's Department.

Equipment

- Hot-water system supplying 50 PSI water at a maximum of 120°F, regulated by a thermostatic valve
- Diffuser hose attachment for gentle, even water flow inside compartments
- Garden hose with quick-connect fittings
- Drain area for controlled discharge away from surface water

Decontamination Sequence

- Trained user only.
- Read and follow all posted safety instructions.
- Position vessel and confirm access to all live wells and bait wells.
- The trained user determines whether decontamination is required.
- Insert diffuser hose into the live well or bait well through the fill port.
- Begin hot-water flow ($\leq 120^{\circ}\text{F}$, 50 PSI) and confirm temperature at diffuser outlet.
- Fill the compartment completely until water reaches the overflow level.
- After the compartment is full, open the drain to establish continuous flow-through.
- Verify hot water exits the drain, confirming full system contact.
- Maintain water circulation for 2 minutes after confirming 120°F at the drain.
- Shut off water and drain the compartment completely.
- Leave drains open to support continued drying.
- Repeat for each live well and bait well.

Bilge Area Decontamination Version 1.0

This procedure applies to vessels using the Des Moines Lake and Long Lake joint boat launch.

Decontamination of bilge areas is performed only when determined necessary by a trained user based on inspection findings or aquatic invasive species risk.

When required, decontamination must be completed before launching and immediately after exiting either lake.

The procedure may only be performed by a trained user.

Failure to comply will result in a report to the Burnett County Sheriff's Department.

Equipment

- Hot-water system supplying 50 PSI water at a maximum of 120°F, regulated by a thermostatic valve
- Diffuser hose attachment for gentle, even water flow inside compartments
- Garden hose with quick-connect fittings
- Drain area for controlled discharge away from surface water

Decontamination Sequence

- Trained user only.
- Read and follow all posted safety instructions.
- Position vessel on level ground with clear access to the bilge plug location.
- The trained user determines whether bilge decontamination is required.
- Remove the bilge plug and allow all standing water to drain completely into the designated discharge area.
- Insert diffuser hose into the lower bilge area.
- Begin hot-water flow ($\leq 120^{\circ}\text{F}$, 50 PSI).
- Direct only enough water into the bilge to establish continuous gravity flow out of the bilge plug opening.
- Confirm temperature of the discharge water reaches 120°F before starting exposure timing.
- Maintain continuous flushing for at least 2 minutes after confirming 120°F at the bilge discharge.
- Do not fill or flood the bilge above normal drainage channels or equipment mounting points.
- Allow bilge to drain fully into the designated discharge area.
- Leave the bilge plug removed to support continued drying until the vessel is launched.