

WAYS TO ZAP ZEBRA MUSSELS (AND OTHER INVASIVE SPECIES)

HOMEOWNER OPTIONS FOR CLEANING & DECONTAMINATING BOATS, MOTORS, TRAILERS & OTHER EQUIPMENT

	GOOD (This is required by law)	BETTER	BEST
PROCEDURE & MATERIALS	<ul style="list-style-type: none"> • <u>INSPECT</u> BOAT, MOTOR, TRAILER & EQUIPMENT • <u>REMOVE ANY</u> VEGETATION, ATTACHED ANIMALS & MUD (DISPOSE OF IN AN AREA AWAY FROM THE SHORELINE) • <u>DRAIN</u> ALL WATER FROM BOAT MOTOR, TRAILER PARTS, LIVE WELLS, BILGE, BAIT BUCKETS, & CATCH COOLERS (DRAIN AWAY FROM THE SHORELINE AREA) • <u>DRY</u> WITH HAND TOWEL AND/OR SUN DRY ALL WET AREAS FOR 6+ DAYS 	<ul style="list-style-type: none"> • DO ALL STEPS TO THE LEFT, IN ADDITION... • DECONTAMINATE THE BOAT, MOTOR, TRAILER & EQUIPMENT BY SPRAYING WITH <u>500 ppm BLEACH SOLUTION</u>* • ALLOW 10 MINUTES OF WET CONTACT TIME, THEN • SPRAY/RINSE WITH PLAIN WATER (AWAY FROM THE SHORELINE) • SPRAY AND POUR INTO LIVE WELL AND BILGE AREAS. BE SURE THAT BLEACH SOLUTION GOES THROUGH ALL LIVE WELL LINES AND STAYS THERE FOR 10 MINUTES BEFORE BEING FLUSHED WITH WATER 	<ul style="list-style-type: none"> • DO ALL STEPS TO THE LEFT, IN ADDITION... • THOROUGHLY SPRAY EXTERIOR OF BOAT, MOTOR, TRAILER & EQUIPMENT WITH VERY HOT WATER (140°F) • SPRAY WITH A HIGH PRESSURE POWER WASHER OR THROUGH A VERY FORCEFUL HOSE • FOR MOTORS AND INTERIOR PLASTIC AREAS SUCH AS LIVE WELLS & BILGES, LIMIT HOT WATER TEMPERATURE TO 120°F (OR THE MAXIMUM TEMPERATURE YOUR DEALER RECOMMENDS) • FLUSH HOT WATER THROUGH YOUR MOTOR (FOLLOW TIME AND TEMPERATURE GUIDELINES FROM YOUR DEALER OR MOTOR MANUFACTURER)
PROS & CONS	<ul style="list-style-type: none"> • EASY TO DO • MAY NOT KILL OR REMOVE THE INVISIBLE LARVAL (VELIGER) STAGE OF THE MUSSELS • WILL NOT KILL OR REMOVE ATTACHED ADULT MUSSELS FROM INTERNAL COMPONENTS OF YOUR BOAT (LIVE WELL, BILGE SYSTEM, MOTOR, ETC.) 	<ul style="list-style-type: none"> • EFFECTIVELY KILLS BOTH HIDDEN ADULT & LARVAL MUSSELS, AS LONG AS CONTACT TIME IS MAINTAINED • EASY & VERY MINIMAL COST • MUST USE EYE PROTECTION & FOLLOW LABEL CAUTIONS • MUST ALSO KEEP AWAY FROM SKIN, CLOTHING & BOAT FABRICS • LONGTERM USE MAY CAUSE POSSIBLE CORROSION TO METALS • DILUTE BLEACH SOLUTIONS LOSE STRENGTH (POTENCY) RAPIDLY AND SHOULD BE MIXED FRESH <u>EVERY DAY</u> 	<ul style="list-style-type: none"> • HEAT IS A FOOL-PROOF KILLER • VERY HOT WATER MAY REQUIRE PROTECTIVE GEAR • NOT EVERYONE EASILY HAS ACCESS TO HOT ENOUGH WATER OR ABILITY TO SPRAY AT HIGH PRESSURE
SPECIAL NOTES	<ul style="list-style-type: none"> • TIP MOTOR TO FULL DOWN POSITION TO DRAIN • START MOTOR FOR A FEW SECONDS TO EXPEL WATER • DISPOSAL AND DRAINING SHOULD ALWAYS BE DONE AWAY FROM THE SHORELINE AREA 	<ul style="list-style-type: none"> • * 500 ppm BLEACH SOLUTION IS PREPARED BY MIXING 2 TBSP (1 OZ) OF 8.25% HOUSEHOLD BLEACH IN ONE GALLON OF WATER - MAKE A FRESH SOLUTION EVERY DAY • A GARDEN SPRAYER IS A CONVENIENT SPRAY APPLICATOR 	<ul style="list-style-type: none"> • HOME HOT-WATER HEATERS ARE TYPICALLY SET FROM 120 - 140°F • 140°F IS THE TEMPERATURE NEEDED TO ACHIEVE MAXIMUM KILL • IF 140°F CANNOT BE ACHIEVED, LOWER TEMPERATURES WILL STILL HAVE SOME EFFECTIVENESS • A COLD WATER POWER WASH IS BETTER THAN NOTHING, IF THAT IS ALL YOU HAVE

WHY SHOULD YOU DECONTAMINATE? BECAUSE ZEBRA MUSSELS CAN HIDE

- LARVAE ARE INVISIBLE AND MANY OF THEM CAN LIVE IN A SINGLE DROP OF WATER
- ADULTS CAN ATTACH AND GROW IN THE INTERNAL SYSTEMS OF YOUR WATERCRAFT

REMEMBER: NEVER LET ANY WATER FROM ONE LAKE GET INTO ANOTHER LAKE!

◆ **IT'S YOUR RESPONSIBILITY TO UNDERSTAND YOUR OWN WATERCRAFT TO DETERMINE HOW TO PROPERLY DECONTAMINATE IT** ◆

SOME OTHER ZEBRA MUSSEL CONTROL OPTIONS (USING HOUSEHOLD CHEMICALS) *
PRACTICAL FOR SMALLER SCALE EQUIPMENT, SUCH AS ANCHORS, ROPES, WADERS, LAKE TOYS, ETC.

AS AN ALTERNATIVE TO BLEACH, YOU MAY USE ONE OF THE SOLUTIONS BELOW
ALLOW A MINIMUM OF 10 MINUTES CONTACT TIME BEFORE RINSING WITH TAP WATER

- FULL STRENGTH WHITE DISTILLED VINEGAR
- SALT SOLUTION - 2/3 CUP IN 1 GALLON WATER
- HOUSEHOLD DISINFECTANT SPRAYS CONTAINING QUATERNARY AMMONIUM COMPOUNDS
 - EXAMPLES: FANTASTIK® & FORMULA 409® (FOLLOW ALL LABEL CAUTIONS)

NEVER MIX BLEACH WITH ANY OTHER HOUSEHOLD CHEMICALS OR CLEANING PRODUCTS

NEVER MIX BLEACH WITH VINEGAR OR AMMONIA CONTAINING PRODUCTS; TOXIC AND/OR IRRITATING FUMES CAN RESULT

*** FOLLOW ALL SAFETY LABELS WHEN USING CHEMICALS**

For more information on Zebra Mussels, their damaging effects and their control, go to the following websites courtesy of:

Burnett County Lakes and Rivers Association

www.burnettcounty.com/lakes

and

Washburn County Lakes and Rivers Association

www.WCLRA.org

Prepared by
Fish Lake Property Owners Association

Questions? Contact:
director3@fishlakewi.com

A HOT WATER POWER WASH IS THE BEST!

BUT EVEN A COLD POWER WASH IS BETTER THAN NONE AT ALL. BELOW IS A LIST OF NEARBY CAR WASHES THAT HAVE A WAND SPRAYER & CAN ACCOMMODATE BOATS. CALL AHEAD TO VERIFY THE STATION WILL WORK FOR YOUR BOAT & TRAILER SIZE.

Spoooner Auto Laundry: 701 S. River St., Spooner 715-635-7433. Has self-service. Door is 10 feet with most boats fitting. High pressure cold water. Use quarters only; starts with \$2.50 and just keep adding quarters.

Wild Bill's Sporting Goods: 26798 Lakeland Ave. N, Webster 715-866-4220. High pressure cold water. Must use quarters only.

Danbury Carwash: 7403 Main St. E., Danbury. 218-721-2464. There is a height restriction. Has high pressure cold water. Currency use goes from quarters, \$1, \$5, or credit card.

Link's Carwash: 660 W. Hokah St., Minong. Do boats by hand. Call Adam directly at 715-466-1054 to learn about pricing.