Nebraska Watercraft Inspection Protocol

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H.E.A.D is an acronym that can help you remember where to look for mussels on

during entrance and exit inspections.

Use Log sheet on pg. 4 to document inspections

H = Hull and Trailer

E = Engine or Motor (including Transom)

A = Anchor, Anchor Rope and Equipment

D = Drain Interior Compartments

Watch a watercraft inspection demonstration at this link:

https://www.youtube.com/watch?v=JaRquD XOsQk

Hull and Trailer - Rapid Exterior Inspection

- Look over (visual) and feel (tactile) the entire watercraft on both sides of hull and trailer
- Physically inspect the through hull fittings and document those that are for ballast tanks
- Check trailer bunks or rollers, tire wells, lights and electrical
- Remove any plants or plant fragments that are present
- Ask the boater to remove the bilge plug when inspecting the transom
- Physically and visually inspect the bilge area (e.g. feel the bilge area) and use a flashlight to visually see if any ANS are present
- If applicable, have the boater activate the bilge pump
- If the watercraft has an inboard engine, be certain to inspect the prop, prop shaft and rudder

Engine or Motor

- · Ask for the outboard or I/O to be lowered
- Visually and physically inspect the engine with a flashlight
- Visually and physically inspect the gimbal area of the outboard or I/O with a flashlight
- Visually and physically inspect the transom or rear of the boat including instruments such as pitot tubes or transducers

Anchor and Equipment Checked

- Ask to see the anchor and anchor rope or chain
- Visually and physically inspect the anchor and rope or chain for mud, plants and/or ANS
- Check any additional equipment such as life vests, buoys, paddles, ropes, nets, etc.
- Ensure all equipment is clean and dry

Drain and Check Interior Compartments

- Ask for permission to board the watercraft and ask the boater to climb in first. Follow
 the boater into the watercraft in the same way they entered. Be careful to prevent the
 boater(s) and inspection staff from falling or getting hurt
- Ask the boater to open up compartments so you can see all bait wells, live wells, equipment lockers and ballast tanks or bags
- If the watercraft has standing water in the bait well or in any container, the inspector should work with the boater to remove standing water from the watercraft using a pump, sponge, or towel
- Ballast Tanks and Bags physically and visually ballast tanks and bags
- I/O or Inboard Engine: carefully inspect the engine compartment and its bilge
- Ensure that the compartments are fully drained and dry

Wakeboard Boats and Jet Boats normally have ballast tanks or ballast bags that do not completely drain, Follow the high risk inspection protocol on pg. 5 to inspect these watercrafts.

1. Educate—Why we Clean, Drain, and Dry

- Explain that zebra and quagga mussels have been found in neighboring states.
- Adult mussels and weeds can be transported on watercraft and equipment.
- ☐ Mussel larvae, weed seeds, and fish diseases can be transported in water.
- Remind that Clean, Drain, and Dry is the most effective way to stop the spread of mussels.

2. Ensure Watercraft Hull is Clean

- Look quickly for and remove all plants or mud.
- Ask to see the anchor and ensure it is not dirty and does not have plants, mud, or mussels on it.
- Feel along hull and on lower unit, if sandpaper like feel, conduct a High Risk Inspection.
- If any mussels are found, conduct a High Risk Inspection and send to decontamination.

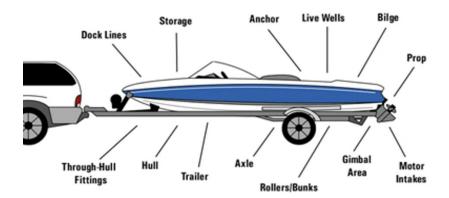
3. Ensure Watercraft is Drained

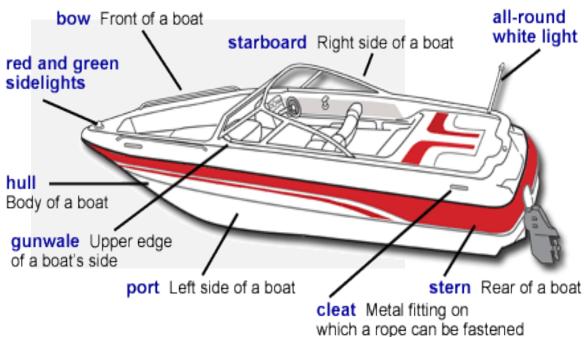
- Ask watercraft owner to open bilge plug (may need a tool) to show it is drained.
- Ask to see the live well and ensure it is drained.
- Ask to see ballast tanks or any other compartment with water and ensure they are drained.

4. Encourage Additional Cleaning and Drying

- Encourage them to clean watercraft with hot water and dry out equipment before next use.
- □ Thank them for protecting our boating and our lakes!

Inspect everything!





Can I disinfect my watercraft using bleach or other chemicals?

Hot water or drying are the recommended decontamination methods in Nebraska. Chemicals, such as bleach, have not been proven to be effective in disinfecting all AIS and may damage your watercraft and equipment, so caution should be taken. Vinegar can be an effective method to decontaminate areas that do not drain completely; however, again, this can damage your watercraft and equipment. Dipping equipment into 100% vinegar for 20 minutes will help to kill harmful aquatic hitchhiker species. Chlorine and vinegar are corrosive to metal and toxic to fish at this concentration, so thoroughly rinse with tap water. **Ensure that the solution does not run-off directly into waterways.**

Also, a 1 % table salt solution for 24 hours can replace the vinegar dip. This table provides correct mixtures for the 1 % salt solution in water:

Gallons of Water	Cups of Salt	Gallons of Water	Cups of Salt
5	2/3	50	6 1/4
10	1 1/4	100	12 2/3
25	3		

If hot water is not available, **spray** equipment such as boats, motors, trailers, anchors, decoys, floats, nets, **with high-pressure water**, and always allow **enough time to DRY Equipment**.

What is recommended if watercraft will be used again in less than five days from previous use?

Day Use Decontamination Procedures:

- 1. Remove any clinging material such as plants, animals and mud from anchor, boat, motor, and trailer.
- 2. Remove the plug (if applicable) and drain the water from the bilge, live-well and any other compartments that could hold water. Drain water from engine and engine cooling system(s).
- 3. Ensure watercraft, vehicle, equipment, or conveyance are allowed to dry completely.
- 4. Replace bilge drain plug and disinfect the bilge by pouring in not less than one gallon of vinegar; the vinegar can be drained from the bilge upon arrival at home (vinegar can be reused several times).

Location:

State of Nebraska
WATERCRAFT INSPECTI
*See line one for example; √ = Yes

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		Other (describe on back)										
		Clean, Drain, Dry Exit Inspection										
	50	Refused inspection/decontamination			. 1 1 2							
	Results	Decontamination (vegetation)										
	A B	Decontamination (mussels found)										
		Decontamination (suspected AIS)										
		Decontamination (standing water)	>									
		Closeout	>									
	sed	Watercraft Drained	>									
	es U	Interior and Equipment Checked	>									
	Procedures Used	Trailer Checked	>									
	Proc	Motor Checked	>									
		Watercraft Exterior Checked	>									
	los P	High Risk Inspection	>									
	Protocol Used	Standard Inspection										
	۵											
	sk	Large/complex watercraft	>								2 2 2	
	ne Rii ors	Dirty below Waterline							1 1			
	Determine Risk Factors	Infested Water w/in 30 days		x > 1								
	Dete	Out-of-state w/in 30 days	>						7			
		Standing Water	>									
		Last Water/State Visited										
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			lead									
			Lake Mead-NV									
	nent		اح									
	Initial Contact & Assessment											
	k Ass	Seal Removed #	12345									
	act 8		17									
	Cont	Trailer License Plate #	23									
	itial		ABC-123									
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0		Watercraft Registration #	ာ									
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5		Inspector #/initials	KLD									
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2			1-1-11									

Inspection #			

State of Nebraska

Water Code Date (month,day,year)

Boat Registration #

Watercraft				ailered Watercraf				
Watercraft	Inspection Location:		e/Time:	Water Name:				
	Registration #		nicle License #	Trailer Lie	cense #			
REASON	FOR HIGH RISK INSPECTION	(check all that	apply)					
	Used in state with known infested v							
	Been in infested waters within last			Date water	craft in infested water			
	Big/Complex watercraft	o day or realist						
	Voluntary Request							
	Dirty/Crusty/Slimy below waterline							
	Entering/Leaving marina							
	Other:	ath a dia alls.	and constalled					
	CRAFT INSPECTION (inspect ve	ery methodically	and carefully)					
	ok and feel of the hull (check box):							
	Clean/Smooth		1 1 1 1	. 1	1.5			
	Bumpy/Sandpaper feel (if bumpy/souther:	andpaper feel, th	en look at bumps with magnify	ying glass to see if mus	ssels)			
Watercra	ft Exterior Checked	Trailer	Checked	Waterc	raft Thoroughly Drained			
	Entire hull		Rollers, bunks, pads	· valere	Bilge plug or pump			
	Trim tabs (top and bottom)		License plate		Bait and live wells			
			Trailer lights		Ballast tanks			
	Through hull fittings				Drain lower unit on outboard			
	Transom		Trailer wiring					
	Transducers		Trailer axels		Drain inboard motors fully by			
	Pilot tubes		Trailer springs		pulling plugs.			
	Centerboard box		Fenders		Drain water cooled generators,			
	Anchors and ropes		Pockets and hollows		swamp coolers with plugs			
	Depth sounders		Wheels and tires		Large watercraft- ask driver to			
	Water intakes/Outlets		Hangers		activate bilge pump.			
	Water holding pockets	Interior	Equipment Checked		If entering a reservoir with			
	Recessed bolts		Bait and live wells		standing water and from infested			
	PWC—foot recesses		Internal ballast tanks		water or state with known			
	Motor well		PFD's		infested waters in last 30 days,			
	Cavitations plate(s)		Float cushions/belts		send to decontamination!			
	Lights		Rope and equipment lockers		If entering a reservoir with			
Motor Ch			Anchors		standing water from non-infested			
	Exterior housings		Waterfowl decoys		state, require draining. For lesser			
	Propeller and assembly		Nets		volumes of water, assess risk to			
	Propeller shaft		Water skis and ropes		determine whether to			
	Prop., shaft supports		Other equipment		decontaminate.			
	Propeller guards	Sailboat			If leaving, drain and educate			
	Rudders		Centerboard box		about Clean-Drain-Dry.			
	Propulsion system		Rudder and transom		Closeout (if nothing is found)			
		ä	Keel Keel		Ask owner to replace bilge or			
	Lower unit Gimbal area		Fittings		other plugs			
	(timbal area							
	Water intake/Outlets		rittings		Yell "stand clear"			