

# Watercraft Inspection Training

California Department  
of Fish and Game



STOP AQUATIC  
HITCHHIKERS!™

# Conducting Vessel and Equipment Inspections

- What do we start looking for?
- Not just the big ones



# Useful Tools Used in Water Craft Inspections

- Watercraft inspection form
- Small inspection mirror
- Flashlight
- Magnifying glass

**\*\* Pay special attention to shaded, sheltered, and protected areas which might contain standing water and areas that form 'edges' or 'right angles'.**

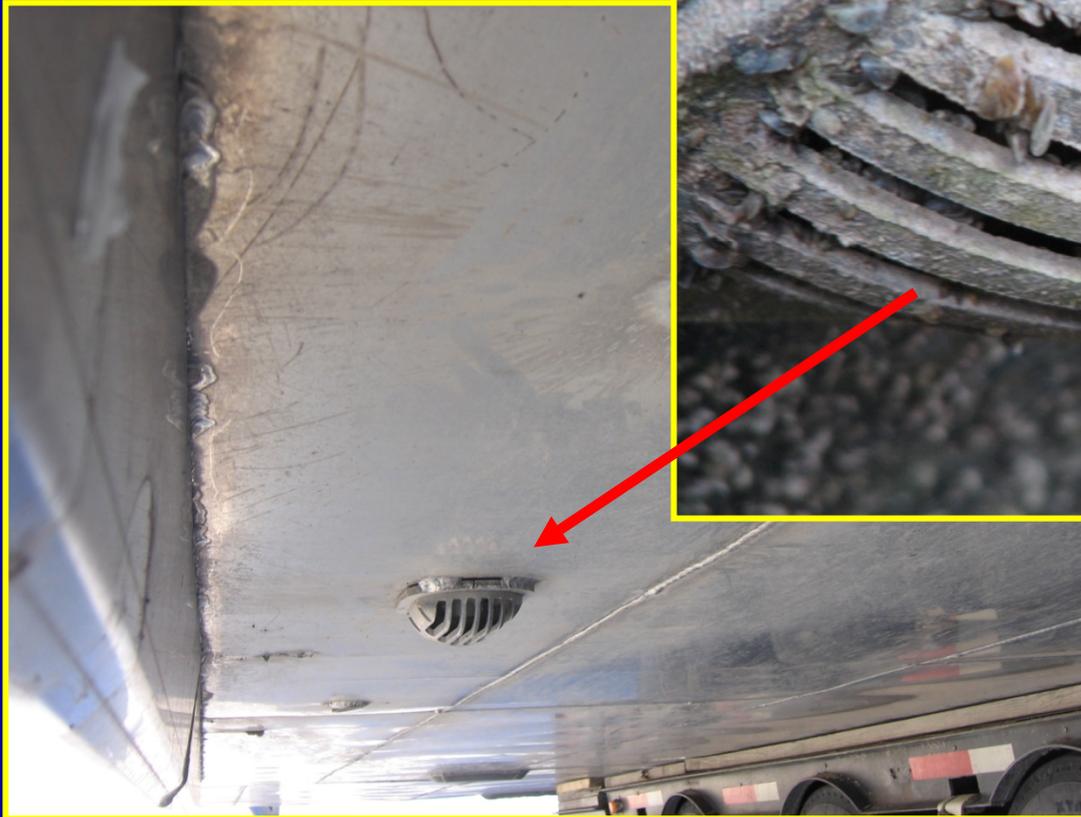
# Hull



# Pontoons



# Thru hull fittings



# Propulsion systems



W Baldwin 8-07

# Use flashlight to look into prop hub



W. Baldwin 8-07

# Intakes



# Fasteners



W. Baldwin 8-07



W. Baldwin 8-07



Baldwin 8-07

# Trim tabs – hinge, top and bottom



# Transducer(s), pitot tube



# Bilge(s)-

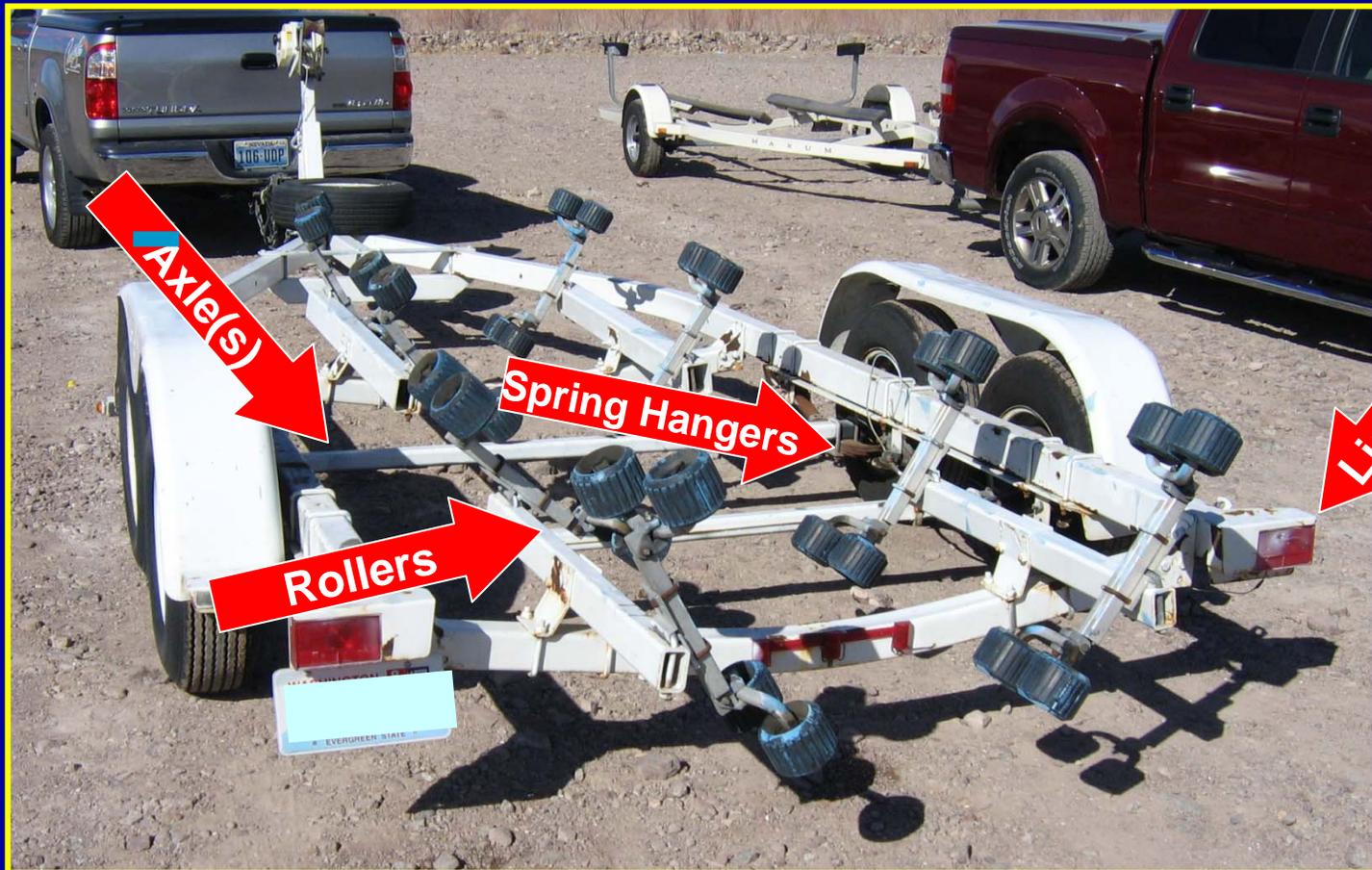
Many boats have more than 1 bilge access



# Equipment storage areas



# Where to look on trailers



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# Decontaminating Process

## Requirements for Decontamination

1. Vessel OWNER'S permission
2. Proper location
  - Containment area away from drainage
3. Hot water pressure washer
4. Engine flushing equipment

# Decontaminating Process

How do we decontaminate vessels?

Power wash with hot ( $>140^{\circ}$ ) water

Trim tabs – Top and bottom

Pitot tubes

Transducers

Anchors and lines



# Decontaminating Process

**Power wash with hot (>140°) water**

**All trailer components**

**Frame**

**Lights and license plate holder**

**Springs and hangers**

**Axles**

**Rollers / bunks**

**Brakes**

# Decontaminating Process

How do we decontaminate the cooling system?

- Hot ( $>140^{\circ}$ ) flush (preferred method)
- Chemical flush ( $>6\%$  chlorine solution)

Method the same for hot water or chemical cooling system flush



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# Decontaminating Process

How do we decontaminate the cooling system?



# Decontaminating Process

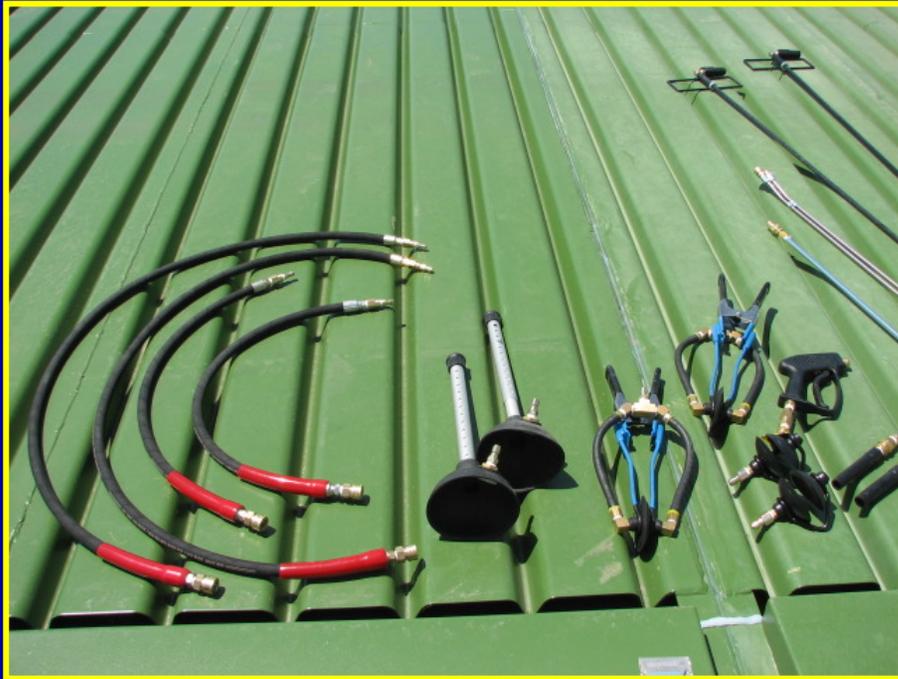
- The ideal way to clean
  - A good hot water pressure wash system

# Decontaminating Process



# Decontaminating Process

Some tools we have developed in conjunction with Hydro Engineering for flushing cooling systems and pressure washing boats



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# Decontaminating Process



Hydrosite, Callville Bay Marina, Lake Mead, NV

# Decontaminating Process



Hydrosite, Callville Bay Marina, Lake Mead, NV

# Decontaminating Process



Hydrosite, Callville Bay Marina, Lake Mead, NV

# Decontaminating Process



Hydrosite, Wawep Marina, Page, AZ

# Decontaminating Process



Hydrosite, Wawep Marina, Page, AZ

# Decontaminating Process



# For More Information

## Web Resources

- [www.dfg.ca.gov/invasives/quaggamusssel/](http://www.dfg.ca.gov/invasives/quaggamusssel/)
- [www.100thMeridian.org](http://www.100thMeridian.org)
- [www.wes.army.mil/el/zebra/zmis/zmishelp.htm](http://www.wes.army.mil/el/zebra/zmis/zmishelp.htm)
- [www.protectyourwaters.net](http://www.protectyourwaters.net)