

Protecting the Environment

Invasive Aquatic Plants and Animals

Michigan waters are threatened by non-native, invasive, aquatic plants and animals such as zebra mussels, round goby, sea lamprey, Eurasian ruffe, Eurasian watermilfoil, rusty crayfish, spiny water fleas, and hydrilla. These species and others are harmful to recreational boating and can cause extensive economic and natural resource damage.

- ◆ Boaters should learn to identify non-native species that they may encounter and take precautions to prevent the spread of these species.
 - Remove all visible aquatic plants and animals from your boat, motor, trailer, and accessory equipment before leaving the access area.
 - Dispose of live bait and aquatic animals in the trash. Do not release live bait into the water.
 - Drain live wells and all water from boats before leaving the access area.
 - Power wash boats and trailers whenever possible, or dry all equipment thoroughly, before leaving the access area.
 - Allow the boat to dry for at least 10 days before launching into a different body of water.
 - Fill out a Hydrilla Hunt I.D. card available online at www.miseagrant.umich.edu/downloads/ais/Hydrillacard.pdf.



- ◆ Please help support invasive species control, research, and education efforts by purchasing a Great Lakes Specialty Decal from the Michigan Electronic Store at www.michigan.gov/michiganestore.

Remember when you caught your first fish?

Our children will not experience that same thrill unless we keep this country's waterways pollution-free. Using pump-out and dump stations is something we can all do to protect our waters.



Keep our water clean—use pump-outs

To report illegal discharge of any sewage, treated or untreated, in the fresh waters of Michigan, call the U.S. Coast Guard at **1-800-424-8802**



Waste-Handling Facilities

Michigan has approximately 280 marina-provided pump-out stations that are widely available to recreational boaters. The 280 pump-outs serve 32,000 boats that have Marine Sanitation Devices (MSDs) and are kept at Great Lakes coastal locations in Michigan, including 9,000 boats

not kept at marinas. Keeping our environment clean is everybody's job. Please make it yours.

Clean Boating Tips for Petroleum Control

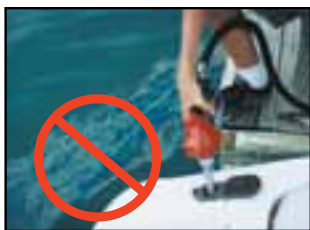
Petroleum in or on the water is harmful, and in some cases fatal, to aquatic life. Floating petroleum reduces light penetration, affects the exchange of oxygen at the water's surface, and contaminates the microlayer. The microlayer is the uppermost portion of the water column—home to thousands of species of plants, animals, and microbes that attract seabirds from above and fish from below. Pollution in the microlayer can poison much of the aquatic food web.

The Law

The Federal Water Pollution Control Act (also called the Clean Water Act) prohibits the discharge of oil or oily waste upon or into the navigable waters of the United States or the waters of the contiguous zone if such discharge causes a film or sheen upon, or discoloration of, the surface of the water or causes a sludge or emulsion beneath the surface of the water. Violators are subject to a penalty of \$5,000 from the U.S. Coast Guard. State law also prohibits the discharge of oil. The Michigan Department of Environmental Quality may impose additional fines.

Fueling Practices

Gas or diesel may be spilled while fueling—as backsplash out the fuel intake or as overflow out the vent fitting. Spills harm aquatic life. Follow these tips to avoid problems.

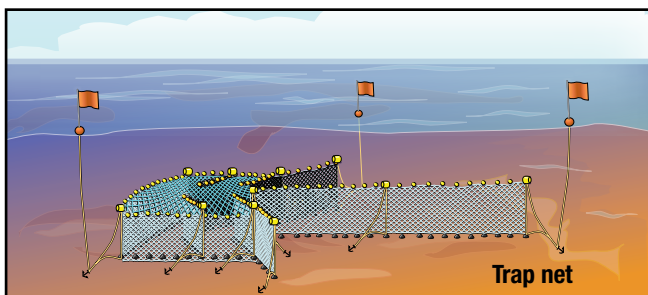
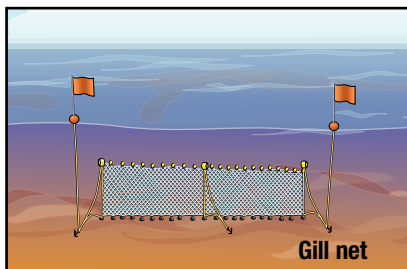


- ◆ Fill tanks to no more than 90% capacity—gas from cool storage tanks will expand as it warms up.
- ◆ To determine when the tank is 90% full, listen to the filler pipe, use a sounding stick, and know your tank's volume.
- ◆ Rather than filling your tank upon your return to port, wait and fill it just before leaving on your next trip. This practice will reduce spills due to thermal expansion because some fuel will be used before it warms up.
- ◆ Fill portable tanks on shore where spills are less likely to occur and are easier to clean up.
- ◆ Use oil absorbent pads to catch all drips.
- ◆ Slow down at the beginning and end of fueling.

Pollution Emergencies

Call the Michigan Pollution Emergency Alerting System (PEAS) at **1-800-292-4706**.

Commercial Fishing Nets



Do not tamper with net markings!

It is against the law and puts others at risk!

- ◆ This includes intentionally or unintentionally cutting, moving, or damaging buoys while trying to recover tangled gear.
- ◆ Steer clear of the nets to avoid tangles.
- ◆ If you do get tangled, cut your lines and do not disturb the markers. Missing markers put other boaters at risk.
- ◆ Those witnessing net tampering or unmarked nets should report their observations to the RAP Hotline **1-800-292-7800**.

Michigan Department of Natural Resources Operation Service Centers

Baraga Operations Service Center

427 US-41 North
Baraga, MI 49908
906-353-6651

Bay City Operations Service Center

3580 State Park Drive
Bay City, MI 48706
989-684-9141

Cadillac Operations Service Center

8015 Mackinaw Trail
Cadillac, MI 49601
231-775-9727

Gaylord Operations Service Center

1732 West M-32
Gaylord, MI 49735
989-732-3541

Southfield Operations Service Center

26000 W. Eight Mile Rd.
Southfield, MI 48034
248-359-9040

Marquette Operations Service Center

1990 US-41 South
Marquette, MI 49855
906-228-6561

Obtain information about:

- State parks and recreation areas
- Trail information and maps
- More education courses
- Renewing licenses
- DNR's Division of Law Enforcement

Newberry Operations Service Center

5100 State Highway M-123
Newberry, MI 49868
906-293-5131

Plainwell Operations Service Center

621 North 10th Street
Plainwell, MI 49080
269-685-6851

Roscommon Operations Service Center

I-75 & M-18 South
8717 North Roscommon Rd.
Roscommon, MI 48653
989-275-5151

Rose Lake Field Office

8562 Stoll Rd.
East Lansing, MI 48823
517-641-4903



Visit the DNR website
www.michigan.gov/dnr

To ensure the enjoyment for future riders,
report riding violations.
1-800-292-7800

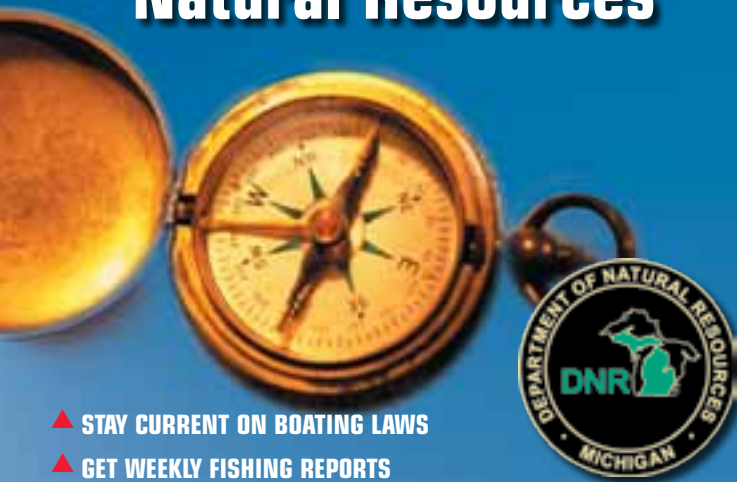
Required Equipment Checklist



	PWC	Boat Less Than 16 Ft.	Boat 16 Ft. to Less Than 26 Ft.
Boating Safety Certificate On Board	✓ ¹	✓ ¹	✓ ¹
Certificate of Number On Board	✓	✓	✓
Validation Decals Displayed	✓	✓	✓
PFDs: Type I, II, or III	✓ ²	✓ ³	✓ ³
PFD: Type IV			✓
Type B-I Fire Extinguisher	✓	✓	✓
Ignition Safety Switch	✓		
Backfire Flame Arrestor	✓	✓ ⁴	✓ ⁴
Ventilation System	✓	✓	✓
Muffler	✓	✓	✓
Horn, Whistle, or Bell	✓ ⁵	✓ ⁵	✓
Daytime Visual Distress Signals			✓ ⁵
Nighttime Visual Distress Signals	N/A	✓ ⁵	✓ ⁵
Navigation Lights	N/A	✓ ⁶	✓ ⁶

1. Applicable for some operators. See pages 26-27 for details.
2. Those on PWCs must wear a PFD at all times. Inflatable PFDs may not be used.
3. Those under the age of 6 years must *wear* a Type I or II PFD when riding on the open deck of any vessel.
4. Required on inboard and stern drives only.
5. Required only on the Great Lakes and waters connected to the Great Lakes.
6. Unpowered vessels (sailboats under sail, rowboats, etc.) are required only to have a flashlight or a lantern on hand.

Michigan Department of Natural Resources



- ▲ **STAY CURRENT ON BOATING LAWS**
- ▲ **GET WEEKLY FISHING REPORTS**
- ▲ **PURCHASE FISHING AND HUNTING LICENSES ONLINE**
- ▲ **GET ANSWERS TO QUESTIONS ABOUT:**
 - **BOAT REGISTRATION**
 - **FISHING AND HUNTING REGULATIONS**
- ▲ **FIND OUT ABOUT STATE PARKS:**
 - **LOCATIONS AND FEES**
 - **ACTIVITIES—CAMPING, FISHING, HIKING, BOATING**
- ▲ **MAKE CAMPGROUND RESERVATIONS ONLINE**

Visit our website:
www.michigan.gov/dnr

**Everything you want to know about what's going on outdoors
in Michigan is just a click away.**