

# HOW TO USE IT

## Hands Free Adaptor

1. Thread adaptor onto your boat's deck waste fitting.
2. Remove pumpout nozzle assembly (not all pumpouts allow for this).
3. Clamp pumpout hose onto adaptor.
4. Pumpout as usual.
5. When done replace pumpout nozzle assembly.



## Cable Ties

1. Locate Y-valve or discharge valves.
2. Close and conduct dye tablet test, to ensure valves are closed and not leaking.
3. While in the closed position secure the valves with a non-releasable cable tie.
4. Use a permanent marker or label maker to label your plumbing accordingly.



# FIND A WORKING PUMPOUT!



## Pumpout Nav

### Help Keep Our Water Clean

1. Download the app
2. Find a pumpout
3. Create an account
4. Report unit status



[flseagrant.org/sewage-solutions](http://flseagrant.org/sewage-solutions)

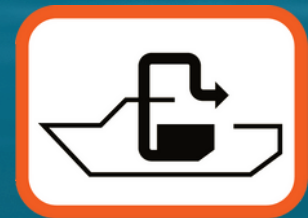


Funded through the Florida Department of Environmental Protection through a grant from US Fish and Wildlife Services.

# SEWAGE SOLUTIONS



Thank you for being a responsible boater.



*Keep Our Waters Clean  
Use Pumpouts*



## MARINE SANITATION DEVICE

Any equipment installed on a boat to collect, treat, or discharge sewage and human waste.

### Treated

#### Type I MSD

bacteria less than 1,000 per 100mL  
no visible floating solids  
for vessels 65' or less

#### Type II MSD

bacteria less than 200 per 100mL  
solids no greater than 150mg per L  
for vessels of any length

Must be U.S. Coast Guard approved.

### Untreated

#### Type III MSD

prevents overboard discharge  
typically a holding tank  
may include: incineration, recirculation, maceration, composting  
for vessels of any length

## IT'S THE LAW

### Do not discharge untreated sewage, in state waters.

- all inland waters
- 3 nautical miles into the Atlantic
- 9 nautical miles into the Gulf of Mexico.

Florida statute 327.53(4)



### Do not discharge treated sewage in:

- Freshwater lakes, reservoirs, and impoundments
- Rivers not accessible by interstate vessel traffic
- No Discharge Zones

Federal law 33 CFR 140.3(a) and 140.4

### Secure your discharge valves in the closed position.

Secure valves while in waters where it is illegal to discharge. Secure with a non-releasable cable tie, padlock, or remove the valve handle.

Federal law 33 CFR 159.7(b)(c)