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U.S. COAST GUARD REGULATION

VESSEL OPERATORS:
NO PERSON MAY OPERATE ANY VESSEL HAVING AN
INSTALLED TOILET FACILITY UNLESS IT IS EQUIPPED
WITH AN INSTALLED AND OPERABLE MSD OF A TYPE
APPROVED BY THE U.S. COAST GUARD

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MARINE SANITATION DEVICES

TYPE I	TYPE II	TYPE III
FLOW-THROUGH TREATMENT DEVICE USING MACERATION & DISINFECTION	FLOW THROUGH TREATMENT DEVICE EMPLOYING BIOLOGICAL TREATMENT & DISINFECTION	HOLD TANK STORING SEWAGE UNTIL DISCHARGED AT SHORE-SIDE OR SEA
VESSELS UNDER 65'	ANY VESSEL	ANY VESSEL
NO VISIBLE SOLIDS AND A FECAL COLIFORM BACTERIAL COUNT NOT GREATER THAN 1 000 PER 100 MILLILITERS	A FECAL COLIFORM BACTERIAL COUNT NOT GREATER THAN 200 PER 100 MILLILITERS	NO PERFORMANCE STANDARD; "MUST BE DESIGNED TO PREVENT OVERBOARD DISCHARGE"

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FEDERAL CLEAN WATER ACT

- Untreated sewage discharges are prohibited within three miles from shore
- In order to discharge within 3 miles, sewage must be treated using a USCG-approved Type I or Type II MSD. Alternatively, sewage may be stored onboard in a holding tank (Type III MSD)
- Treated and untreated sewage discharges are prohibited in:
 - Freshwater lakes
 - Reservoirs
 - Non-navigable rivers
 - No-discharge zones (NDZs)

PCT

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FLORIDA NO-DISCHARGE ZONES


1. DESTIN HARBOR
2. CITY OF KEY WEST
WATERS
3. STATE WATERS
WITHIN FLORIDA
KEYS NATIONAL
MARINE SANCTUARY

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BROWARD COUNTY DEP

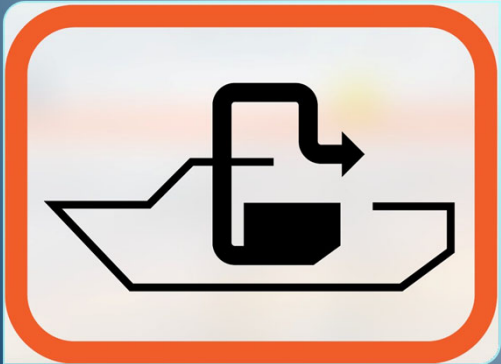
MARINE FACILITIES BEST MANAGEMENT
PRACTICES STATES...

IT IS ILLEGAL TO DISCHARGE
RAW OR UNTREATED SEWAGE
INTO THE WATERS OF
BROWARD COUNTY AND SUCH
ACTS ARE PUNISHABLE BY FINES
OF UP TO **\$15,000 PER DAY**



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FORT LAUDERDALE PUMP-OUT FACILITIES



City Facilities

- Las Olas Marina
- New River/Downtown
- Cooley's Landing

Private Marinas

- Bahia Mar Yachting Center
- Hilton Fort Lauderdale Marina
- Hall of Fame Marina
- Hyatt Regency Pier 66
- Lauderdale Marina
- Lauderdale Marine Center
- MWM Pump-out boat

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PUMP-OUT BOAT

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FLIBS ENVIRONMENTAL RULES AND REGULATIONS FOR CAPTAINS AND CREWS

- NO WAKE ZONE
- MANATEE AREA
- NO FUELING OF VESSELS
- **NO SEWAGE DUMPING**
- VESSEL SEWAGE PUMP OUT IS PROHIBITED
- NO CHEMICAL PRODUCTS FOR CLEANING VESSELS
- NO CONTAMINATED BILGE PUMPING
- NO PROPULSION ENGINE OPERATION
- NO REPAIR OR MAINTENANCE OF ENGINES ON SITE
- NO HULL CLEANING INVOLVING SCRAPING OR JET WASHING

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NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

- Many boatyards and marinas require permitting
- Must be compliant with stormwater pollution prevention protocol (per FDEP)
- Mandatory reporting and recorded documentation
 - May include water sampling
- Activities to be included in prevention plan:
 - Pressure washing, painting, welding, & fueling



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