



Hazardous Waste Used Oil Universal Waste For Marina Facilities



October 2017





Hazardous Waste Generated at Marina Facilities

- Waste parts washer solvent
- Waste brake/carburetor cleaner
- Waste paint/paint chips/lacquer thinners
- Waste rags with any of the above
- Waste gasoline – unless recycled as fuel then non-hazardous
- Used batteries, waste lamps (unless recycled)

[Chapter 62-730 Florida Administrative Code](#)



What is Hazardous Waste?

CHARACTERISTIC & LISTED

(most commonly found at Marinas)

- F-LISTED F003-F005 - solvent (alcohol, xylene, toluene, acetone), some paint thinner
- IGNITABILITY - $FP < 140^{\circ}F$ D001- waste paint/rags/parts washer fluid
- CORROSIVITY - $pH \leq 2, \geq 12.5$ D002-aluminum cleaners, rust removers
- REACTIVE - Explosive D003 – compressed gases
- TOXICITY - threaten human health D004 – 43-lead, arsenic, chromium

Listed – [40 CFR 261 Subpart D](#)

Characteristic – [40 CFR 261 Subpart C](#)



Types of Hazardous Waste Generators

- **Conditionally Exempt Small Quantity Generator**

- Majority of facilities
- Less than 220 lbs. of hazardous waste/month (1/2 drum)
- Must identify hazardous waste, properly dispose and document, can transport own waste

Which type of generator are you?

- **Small Quantity Generator (if you have paint facility on site?)**

- 220-2,200 lbs. of hazardous waste/month (1/2 drum to ~5 drums)
- Obtain EPA identification number, identify hazardous waste, properly dispose and document, properly manage containers and storage, training and emergency preparedness

- **Large Quantity Generator**

- More than 2,200 lbs. hazardous waste/month (~5drums ++++)
- Must identify hazardous waste, properly dispose and document, properly manage containers and storage, yearly documentation, training, emergency preparedness, contingency plan, biennial reporting, notification requirements



Used Oil Management

DO'S

- Label "USED OIL"
- Keep containers closed
- Provide secondary containment (110%) or double walled tank
- Maintain disposal records
- Pickup by registered hauler

https://fldeploc.dep.state.fl.us/www_rcra/reports/UsedOilHandlers.asp

DON'TS

- Label waste, bad, dirty or ugly oil
- Keep containers open
- Poor record keeping
- Don't give used oil to strangers

[Chapter 62-710 Florida Administrative Code](#)



Used Oil Management

POOR Management



GOOD Management





Used Oil Filter Management

DO'S

- Label "USED OIL FILTERS"
- Keep container closed (unless inside)
- Store containers on concrete or pavement
- Pickup by registered hauler

DON'TS

- Open containers outside to collect rainwater
- Store containers on ground
- Throw in garbage
- Give to strangers

[Chapter 62-710.850 Florida Administrative Code](#)



Used Oil Filter Management

POOR Management



GOOD Management





Small Spills of Used Oil – What to Do?

- Small = 25 gallons or less
- Clean it up, Clean it up, Clean it up, Clean it up!
- Remove stained soils, double bag and send to a lined landfill
- Super easy if you keep on it, don't let it get out of control





Universal Waste Used Battery Management

- Label the batteries/storage area “Used Battery(ies)”
- Store them out of the weather
- Store them upright so they don’t leak
- Must recycle or dispose as hazardous waste

[Chapter 62-737 Florida Administrative Code](#)

POOR



GOOD





Universal Waste: Used Fluorescent Lamp Management

- Store in labeled containers (universal waste lamps)
- Keep containers closed
- Must recycle or dispose as hazardous waste
 - Waste Management, Pensacola Recycles, RecyclePak

POOR



GOOD





Maintain Best Management Practices

Don't let your facility look like this!





Contact Information

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