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 °F  D001- waste paint/rags/parts washer fluid
• CORROSIVITY - pH ≤ 2, ≥ 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

• **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 (~5 drums ++++)
  - Must identify hazardous waste, properly dispose and document, properly manage containers and storage, yearly documentation, training, emergency preparedness, contingency plan, biennial reporting, notification requirements

Which type of generator are you?
# 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](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

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*Chapter 62-710 Florida Administrative Code*
Used Oil Management

POOR Management

GOOD Management
## Used Oil Filter Management

<table>
<thead>
<tr>
<th><strong>DO’S</strong></th>
<th><strong>DON’TS</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>• Label “USED OIL FILTERS”</td>
<td>• Open containers outside to collect rainwater</td>
</tr>
<tr>
<td>• Keep container closed (unless inside)</td>
<td>• Store containers on ground</td>
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<tr>
<td>• Store containers on concrete or pavement</td>
<td>• Throw in garbage</td>
</tr>
<tr>
<td>• Pickup by registered hauler</td>
<td>• Give to strangers</td>
</tr>
</tbody>
</table>

*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!
NWD Compliance Assurance Program

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