



## **OIL AND PETROLEUM BASED SPILL PREVENTION, CONTROL, AND COUNTER MEASURE PLAN**

**Rule:** The Code of Federal Regulations 40 CFR 112 details requirements of the SPCC Plan.

It establishes procedure, methods, and equipment requirements to help prevent oil spills from reaching navigable waters (stormwater drains, creeks, ditches, etc.).

### **What Kind of Oils Are Covered:**

- Oils and greases, including petroleum oil, crude oil, refined oil, fuel oil, sludge, synthetic oils, mineral oils, oil refuse, or oil mixed with wastes
- Fats, oils, or greases of animal, fish, and marine mammal origin
- Vegetable oils, including oils from seeds, nuts, fruits, or kernels

### **What is an SPCC Plan:**

- Spill PREVENTION-preventing discharges of oil products used at the center, such as inspection and testing, security, and personnel training
- Spill CONTROL-describes control measures in place to prevent a spill from reaching the environment
- Spill COUNTER MEASURES-procedures for recovery, response, clean up, and disposal of oil spills

### **Who Needs SPCC Training:**

- Employees that are involved in oil handling, transfer, storage, and maintenance of oil equipment or spill response

### **Oil & Fuel Transfers:**

- A release is most likely to occur during oil/fuel transfer...always use good handling practices
- Use commercial firms experienced in transportation and handling of oil products
- Campus personnel must be present during oil & fuel transfers
- Level of product in tank/container is to be continuously monitored during the transfer process
- Inspect vehicle before departure to ensure all lines have been disconnected and valves are closed
- Immediately report any spill to the department of Safety & Environmental Compliance

### **Secondary Containment:**

- All oil storage tanks/containers/drums must be located in properly sized containment, sufficiently impervious to contain oil
- Water accumulated within secondary containment areas is inspected for the presence of a sheen or petroleum odor
- If contaminated, use oil sorbent materials for small accumulations or contact the department of Safety & Environmental Compliance at 251-460-7070
- Secondary containment is NOT required for qualified Oil-Filled Operational Equipment such as

transformers, elevators, and lifts. However, SPCC rules require a Contingency Plan must be in place

**What if there is a Spill:**

- **SAFETY COMES FIRST!** Call 911 immediately if anyone is injured or if there is a potential for fire
- Extinguish any source of ignition
- Warn others and isolate the area
- Determine the source of the release

**Procedures for Handling Incidental and Emergency Spills (for containment only):**

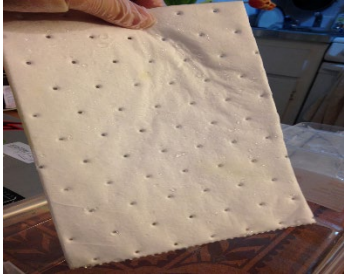
- Incidental Spill-Defined
  - i) Manageable spill that poses low risk to safety
  - ii) Not likely to adversely impact the environment
  - iii) Typically <5 gallons

**What if there is an INCIDENTAL Spill:**

- **First, ensure your own personal safety!**
- Attempt to stop the release at its source (i.e., close valves, upright drums, etc.)
- Contain/prevent the spill from spreading using spill response materials located on campus
- Notify the department of Safety & Environmental Compliance at 251-460-7070
- Fill out an incident report at <https://jagasp2.southalabama.edu/incident/logon.aspx>

**What if there is an EMERGENCY Spill:**

- Emergency Spill-Defined
  - i. Quantity spilled is > 5 gallons
  - ii. Has entered sanitary/storm drain or ground/surface water
  - iii. Cannot be stopped
  - iv. Poses a fire/explosion hazard
  - v. Additional spill equipment is needed
- Emergency Spill-Actions
  - i. First, ensure your own personal safety!
  - ii. If it is safe to do so, attempt to stop the release at its source (i.e. close valves, upright drums, etc.)
  - iii. Take action to prevent the spill from entering storm drains or streams and to minimize the area affected by using spill materials located on campus
- Spill Response Materials
  - iv. Materials include absorbent pads, absorbent material, and personal safety equipment
  - v. Contact the department of Safety & Environmental Compliance at 251-460-7070



Absorbent Pads



Oil Only Absorbent Booms



Loose Absorbent  
Ex. Vermiculite



Non Sparking Shovel



Disposable Bags



Safety Gear

#### **Notification Procedures in the Event of a Spill:**

- Safety & Environmental Compliance [251-460-7070](tel:251-460-7070)
- University Police [251-460-6312](tel:251-460-6312)

#### **What Spills Need to be Reported:**

- Discharges that cause a film, sheen or discoloration of the water or adjoining shoreline
- Discharges that cause a sludge or an emulsion to be deposited beneath the surface of the water or upon the adjoining shorelines
- Discharges that violate applicable water quality standards



Once you have read the previous sheet and have had any questions answered by your supervisor or by the department of Safety and Environmental Compliance please fill out the sheet below. This sheet should be kept in the employee's file by their supervisor and a copy should be faxed or mailed to the Department of Safety & Environmental Compliance. Fax to 251-460-7278 or mail to 600 Clinic Dr. EOB Room 212, **attention Lisa Cobb.**

First Name-Please print

Last Name-Please print

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Department

Date

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Signature

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