

SPCC Plan and Guidance

What you need to know



What is SPCC?

- Spill Prevention, Control, and Countermeasures Regulation
- Located in 40 CFR 112
- Goes into effect May 10, 2013

GOAL:

To prevent oil spills into waters of the US and adjoining shorelines



What is Oil?

- Fats, oils or greases of animal, fish, or marine mammal origin
- Vegetable oils, including oils from seeds, nut, fruits, or kernels;
- Other oils and greases, including petroleum, fuel oil, sludge, synthetic oils, mineral oils, oil refuse, or oil mixed with wastes other than dredged spoil



Who's Covered?

Any facility that stores, transfers, uses, consumes, drills, produces, processes, refines, or distributes oil or oil products

In quantities: >1320 gallons above ground or
>42,000 gallons below ground

That could reasonably be expected to discharge oil into navigable waters of the US or adjoining shorelines.



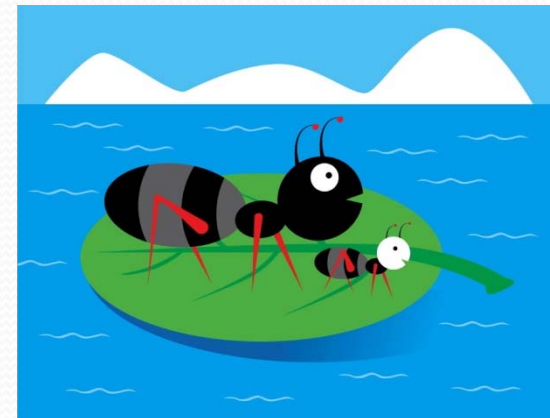
What Are Navigable Waters?

- Interstate waters;
- Intrastate lakes, rivers, streams, and ditches utilized by interstate travelers for recreational or other purposes;
- Intrastate lakes, rivers, and streams from which fish or shellfish are taken and sold in interstate commerce

What Are Navigable Waters?

Any ditches, gullies, storm sewers or other drainage systems that may transport oil to a nearby stream, is considered a pathway to navigable waters

EPA includes rainfall from a 24 hour - 25 year storm to help move the oil toward a waterway





Calculate Oil Storage Capacity

- Count only containers that have a storage capacity of 55 US gallons and above.
- Use the shell capacity of the container (maximum volume), not the actual amount of product stored in the container (operational volume).
- Include fuel tanks mounted on trailers, fuel trucks used exclusively on the farm and tanks in pickups.



What's next?

Compare the capacity of oil stored on the farm to see if it is above the SPCC thresholds:

- >1320 gallons above ground or
- >42,000 gallons below ground

Farm is subject, Now what?

Determine if there is adequate secondary containment

Put together required SPCC information for Plan



Install Spill Prevention Measures

- **Use** containers suitable for the oil stored
- **Identify** contractors or other local personnel who can help you clean up an oil spill
- **Provide overfill** prevention such as a high-level alarm, or audible vent, or establish a procedure to fill containers
- **Provide effective, sized secondary containment** for bulk storage containers, such as a dike or a remote impoundment. The containment must be able to hold the full capacity of the container plus possible rainfall. The dike may be constructed of earth or concrete. A double-walled tank may also suffice



Install Spill Prevention Measures

- **Provide effective, general secondary containment** to address the most likely discharge where you transfer oil to and from containers and for mobile refuelers, such as fuel nurse tanks mounted on trucks or trailers. For example, you may use sorbent materials, drip pans or curbing for these areas
- **Periodically inspect and test pipes and containers.** You should visually inspect aboveground pipes and inspect aboveground containers following industry standards. You must “leak test” buried pipes

Can you self certify your SPCC Plan?

Determine the Tier Category



3 Questions

1. In the past 3 years have you had a discharge of oil to navigable waters >1,000 gallons?
2. Have you had 2 discharges of oil to navigable waters > 42 gallons within any 12-month period?
3. Is the total above ground storage capacity > 10,000 gallons?

Yes to any question? Tier III Facility



You cannot self certify!
The SPCC plan requires certification
by a Professional Engineer!

No to all three questions?

You may self certify!



Tier I Qualified Facility

- Has less than 10,000 gallons of storage capacity and all containers on site are less than 5,000 gallons
- Self-certify the SPCC Plan using the Tier I template



Tier II Qualified Facility

- Has less than 10,000 gallons of storage capacity, but a container on site holds more than 5,000 gallons
- Self-certify the SPCC Plan using the Tier II template

Questions?

