

# BARKER LEMAR

ENGINEERING CONSULTANTS

## SPILL PREVENTION CONTROL AND COUNTERMEASURES (SPCC)

### WHAT IS AN SPCC PLAN?

The SPCC program was designed to prevent oil spills into navigable water and adjoining shorelines. The program calls for farmers and other facilities with fuel storage to have a spill prevention plan in place. These plans are designed to help farmers prevent oil spills and provide the necessary steps if a spill were to occur on your farm.

### WHY BARKER LEMAR?

Our team of professionals and engineers have worked side by side with coops, manufacturers, quarries, farmers, bulk fuel facilities, and individuals across the Midwest to prepare SPCC Plans. **BARKER LEMAR** is well-versed in the complex SPCC regulations and can assist you to ensure your farm is in compliance.

**BARKER LEMAR** has inspected many agricultural facilities, written hundreds of plans, and are familiar with the needs of the agricultural client. As an Iowa company, we pride ourselves in helping Iowans.

### DOES MY FARM NEED AN SPCC ?

SPCC applies to a farm which:

Stores, transfers, uses, or consumes oil or oil products, such as diesel fuel, gasoline, lube oil, hydraulic oil, crop oil, vegetable oil, or animal fat; and stores more than **1,320 US gallons** in aboveground containers or, store more than **42,000 US gallons** in completely buried containers; and could potentially discharge oil to waters of the US or adjoining shorelines, such as interstate waters, intrastate lakes, rivers, and streams.

### IF I NEED A PLAN, WHAT SHOULD I DO?

If you do not have a Plan, you should contact **BARKER LEMAR**. Many farmers will need to have their Plan certified by a Professional Engineer. However, you may be eligible to self-certify your plan if:

- Your farm has a total oil storage capacity between 1,320 and 10,000 gallons in aboveground containers, and the farm has a good spill history (as described in the SPCC rule), you may prepare and self-certify your own plan or opt to have **BARKER LEMAR** prepare your self-certified plan. (If you decide to use certain alternate measures allowed by the federal SPCC Rule, you will need an Engineer.)
- Your farm has storage capacity of more than 10,000 gallons, or has had an oil spill you may need to prepare an SPCC Plan certified by a Professional Engineer.

### WHEN SHOULD I PREPARE AND IMPLEMENT A PLAN?

Farms in operation on or before August 16, 2002, must maintain or amend their existing Plan by **November 10, 2010**. Any farm that started operation after August 16, 2002, but before November 10, 2010, must prepare and use a Plan on or before **November 10, 2010**.

### HOW MUCH DOES A PLAN COST?

Completion of the EPA's Plan template for an agricultural customer with less than 10,000 gallons of fuel storage will cost \$800 plus the site visit. Site visits will cost \$300 to \$500 per site, but cost can be reduced if visits can be combined with other facilities in your county. Or, **BARKER LEMAR** can complete the template document for you to certify based on information you provide, then you add the map information, making a site visit unnecessary;

An SPCC plan for an agricultural customer with more than 10,000 gallons of fuel storage can typically be completed for \$1,800 plus the site visit. Site visit costs can be split with other sites in the county reducing the cost for each visit. If there is more than one facility or farm in the county, site visits can range from \$200 to \$500 per site visit depending on your location.

FOR MORE INFORMATION, PLEASE CONTACT:

THOMAS E. DRAUR, P.E. | [tdraur@barkerlemar.com](mailto:tdraur@barkerlemar.com) | 515.256.8814(O) 515-250-3295 (M)

DARREN FIFE | [dfife@barkerlemar.com](mailto:dfife@barkerlemar.com) | 515.256.8814(O) 515-250-6695 (M)

1801 INDUSTRIAL CIRCLE | WEST DES MOINES, IOWA 50265 | 800.707.4248 | 515.256.8814

[www.barkerlemar.com](http://www.barkerlemar.com)

# BARKER LEMAR

ENGINEERING CONSULTANTS

## Information Required to Complete the Plan (Applicable info needed for each facility)

### GENERAL INFO

1. Hours of operation:
2. Who is the principal owner?
  - a. Name:
  - b. Office Phone:
  - c. Residence Phone:
3. Designated Representative
  - a. Name:
  - b. Title:
  - c. Address:
  - d. Office Phone:
  - e. Cell Phone:
  - f. Residence Phone:
4. Who delivers fuel and size of largest compartment?
5. Any recorded spills, if so, how much
6. Do you have a spill kit able to handle minor spills?
7. What measures are taken to prevent access to tanks and fueling equipment?
8. If containment is present, length \_\_\_\_\_ width \_\_\_\_\_ depth \_\_\_\_\_ material \_\_\_\_\_
9. Is there a valve on the containment outlet?
10. Is underground piping present?

**Please list for each tank and oil filled operational equipment 55 gallons or more, if self-certifying.**

**If we perform the site visit, the following information will be collected:**

	Tank 1	Tank 2	Tank 3	Tank 4	Tank 5
Tank sizes:					
Tank contents					
Single wall/double:					
Capacity:					
Products:					
Tank dimensions:					
Venting:					
Audible alarms (model numbers)					
Liquid level device (models)					
Horizontal/vertical:					
Tank rings:					
Elevated:					
Drums					

### SITE MAP ATTRIBUTES

1. Storm sewers (where)
2. Direction of flow (draw on map from each tank)
3. All Buildings
4. Surface water bodies
5. Drainage ditches
6. Is there lighting near each tank:
7. Are the tanks visible to the public?
8. Fencing around containment or facility:
9. You will need a drawn, scaled site map, with all of the above information included
10. Take pictures of everything