

# Spill Prevention, Control, and Countermeasure Plan Criteria - Code (150) (No.)

## 1) Definition

An Oil Spill Prevention, Control, and Countermeasure (SPCC) conservation activity plan (CAP) is a plan prepared and certified by a registered Professional Engineer (PE) in accordance with the U.S. Environmental Protection Agency (EPA) rules for producers with more than 10,000 gallons of liquid storage capacity. Producers with less than 10,000 gallons of liquid oil/fuel storage capacity are not required to hire a registered PE to prepare their plan, and may self-certify. See EPA website for more information:

<http://www.epa.gov/emergencies/content/spcc/index.htm>

## 2) SPCC Criteria:

This section establishes the minimum criteria to be addressed in the development of an SPCC CAP.

### A) General Criteria

- 1) An SPCC CAP shall be developed by certified Technical Service Providers (TSPs). In accordance with Section 1240 (A), the Environmental Quality Incentives Program (EQIP) program provides funding support through contracts with eligible producers to obtain services of certified TSPs for development of an SPCC CAP. Specific TSP criteria required for the SPCC CAP development is located on the TSP registry (TechReg) web site at: <http://techreg.usda.gov/>

### B) The SPCC CAP shall address and document the following elements:

- 1) Background and site information;
- 2) Existing inventory of liquid storage tanks and containers
- 3) Secondary containment conservation practices planned;
- 4) Reference documents.

### C) SPCC Element Specific Criteria

- 1) The SPCC CAP is applicable to farms with liquid storage capacities greater than 10,000 gallons of regulated substances in above ground containers as defined by EPA SPCC Tier 2 rule. The degree to which these elements are addressed in the development and implementation of a site-specific SPCC CAP is determined by the General Criteria in Section A and the specific criteria provided for each element of the SPCC are identified below.

- 2) Background and Site Information - This element provides a brief description of:
  - a. Name of producer
  - b. Facility location(s) and mailing address
  - c. Type and size of the operation
  - d. Producer concerns
  
- 3) Criteria for SPCC CAP - The SPCC plan is to be tailored to the individual farm and should cover the required elements including, but not limited to, the following:
  - a. Professional Engineer certification
  - b. Plan must comply with the provisions of 40 CFR 112
  - c. Facility diagram
  - d. Type of oil and capacity of each container
  - e. Oil spill predictions
  - f. Facility drainage
  - g. Facility inspection
  - h. Site security
  - i. Five year review plan
  - j. Management approval
  - k. Appropriate secondary containment
  - l. Loading/unloading requirements and procedures for tank car and tank trucks
  - m. Brittle fracture evaluations
  - n. Bulk storage container compliance
  - o. Transfer procedures and equipment (including piping)
  - p. Integrity testing
  - q. Personnel training and oil discharge prevention briefing
  
- 4) SPCC CAP (record of decisions) (*Utilizing Customer Service Toolkit – Plug-In or MsWord Document*) conservation practices and measures taken to address meeting EPA regulation. The record of decisions shall include the measures taken to provide secondary containment for regulated substances, planned practices, schedule for implementation, and site specific specifications to apply the conservation practices. Planned engineering type practices shall include the conservation practice list and schedule of implementation.
- 5) References: This element lists the technical documentation sources used for the SPCC CAP and may include the actual documents or web sites that contain the technical documentation useful for the producer.

**3) Deliverables for the Client – a hardcopy of the plan that includes:**

- A. Cover page – name, address, phone of client and TSP; Total storage capacities of the Plan, signature blocks for the TSP, producer, and a signature block for the NRCS acceptance.

B. The completed SPCC CAP will include the following sections:

- (i) Summary of the facility's location, storage tanks and containment types and volumes, and any containment measures already in use. Additionally, this will be located on a map of the facilities.
- (ii) A list of recommended measures required to meet regulation and cost estimates.
- (iii) A narrative summary of the recommendations made through the SPCC plan including description of containment facilities.
- (iv) For engineering/structural practices. The planned practice(s) when it will be applied and extent, and located on the plan map.

**4) Deliverables for NRCS Field Office:**

- A) Complete Hardcopy and Electronic copy of the producer's CAP (MsWord copy or pdf file).