



Operation & Maintenance Plan On-Farm Secondary Containment Facility (Code 319)

Landowner/Operator:

Date:

NRCS Service Center:

Conservation District:

Practice Location:

Tract/Field ID:

(Lat/Long or UTM Coord, or Sec/TS/R)

Expected Lifespan

The minimum expected lifespan of this practice is at least 15 years.

A properly operated and maintained **On-Farm Secondary Containment Facility** is an asset to your property. The purpose of this practice is to provide a secondary containment system for on-farm oil and petroleum products. The estimated life span of this practice is 15 years. The life of the practice can be assured and usually extended by developing and carrying out a good operation and maintenance program.

This practice will require you to perform periodic operation and maintenance to maintain satisfactory performance. The following are some requirements to help you develop a good operation and maintenance program.

Operation

1. Farms with storage capacity between 1,320 gallons and 10,000 gallons with no tank larger than 5,000 gallons and no reportable discharge need an SPCC plan. It may be written and certified by the landowner.
2. Farms with storage capacity of more than 10,000 gallons or that have had an oil spill need an SPCC Plan certified by a licensed Professional Engineer as required by EPA.
3. Any liquid that accumulates in the containment facility shall be properly disposed of as soon as possible. All environmental regulations shall be followed.

Inspection and Maintenance

1. Thoroughly inspect the Agricultural Secondary Containment Facility at least twice per year. The inspection should include, but is not limited to the pad, pumps, hoses, piping, valves, filters, tanks, and electrical systems.
2. Tanks shall be inspected monthly for leaks, rust or corrosion, accumulation of trash or weeds, and proper labeling and signage. If damage is discovered, the tank shall be replaced or repaired immediately.
3. Inspect concrete for cracks or other signs of deterioration. Cracks are a serious concern and must be investigated and treated. Obtain engineering assistance from NRCS or a qualified consultant.
4. Roof components and lumber shall be inspected at least twice per year. Damage shall be repaired as soon as possible.
5. All fences, railings, and/or warning signs shall be maintained to provide warning and/or prevent unauthorized human or livestock entry.
6. Immediately repair any vandalism, vehicular or livestock damage to the structure, earthen areas surrounding the structure, or any appurtenances.

Safety

1. Post and maintain all warning signs in accordance with state regulations and product labeling requirements.
2. Install bollards or other types of barriers to prevent equipment from accidentally running into the fuel tanks or containment facility.

Operation, Maintenance and Inspection Costs

1. It is estimated that the annual time to routinely inspect and make minor repairs to your On-Farm Secondary Containment System will be:
 - a. Inspection = 1 hours/month
 - b. Minor Repairs = 1 hours/month
 - c. Major repairs to damage caused by major storm event will require extra time and materials.
2. Most minor repairs can be made by the operator using basic hand tools. However, major repairs to damaged concrete, tanks, barriers, etc. may require hiring a professional experienced in these repairs and improvements.
3. Most maintenance such as mowing, grading, etc. can be accomplished using common farm machinery. Occasionally major damage may require heavy construction equipment to make repairs.

Specific Requirements for Your Practice

1. _____
2. _____
3. _____
4. _____
5. _____

Specific Site Requirements