



## Water Quality Enhancement Activity – WQL22 – On farm composting of farm organic waste

### State Criteria (same as NATIONAL CRITERIA)

#### Additional State Criteria

- Clean water should be diverted around the compost pad or must be collected.
- Composted material (i.e. sand) may be reused as bedding, provided no deads have been incorporated.
- When composting animal manure or carcasses, the following applies:
  1. Contaminated runoff from compost pile must be collected in wastewater storage structure and land applied in accordance with Practice Standard for [Nutrient Management 590](#) and Practice Standard for [Waste Utilization 633](#).
  2. The bottom elevation of the composting facility shall be above the seasonal high water table & on soils with an acceptable permeability that does not allow materials to contaminate ground water,
  3. The compost facilities should be located outside of floodplains.
- Consider ways to locate compost facilities so prevailing winds and landscape elements such as building arrangement, landforms and vegetation minimize odors and protect the visual resource,
- Nutrient application rates are within University of Nebraska recommendations based on soil tests and established yield goals considering all nutrient sources (refer to Practice Standard [590](#) and Practice Specification ([S-590](#)) for Nutrient Management).
- All soil samples must be taken prior to applying fertilizer or manure.
- Soils shall be sampled and analyzed in accordance with Standard 590 and [S-590](#) or NebGuide [“Guidelines for Soil Sampling” \(G1740\)](#).
- Compost shall be sampled and analyzed annually in accordance with Practice Standard [633 – Waste Utilization](#). Refer to NebGuide [“Sampling Manures for Nutrient Analysis, G1450”](#) and NebGuide [“Manure Testing: What to Request, G1780”](#) (formerly NF02-507).

### Documentation Requirements (SEE NATIONAL ENHANCEMENT ACTIVITY JOBSHEET)

#### Additional State Documentation Requirements

1. Provide a copy of the composting plan.
2. Provide a map indicating the location of the compost facility(s) and where the runoff from the pad will be collected (if composting manure and/or deads).
3. Provide a material description and measurements of the pad.
4. If applying the compost to land application sites, provide copies of :
  - a. Nutrient management plan for the compost including maps of the land application sites.
  - b. Soil test results for the land application sites.
  - c. Compost nutrient analysis.
5. If reusing the compost for bedding, etc., provide information in the plan where material will be reused.
6. Complete the table on the next page.

### I certify that the following information meets specifications and have been provided to NRCS:

1. Written documentation of the activity performed.
2. Copies of dated receipts for equipment or services purchased.

I understand that it is my responsibility to obtain all necessary permits and to comply with all laws, regulations and ordinances pertaining to the application of these activities.

**Certified by:** \_\_\_\_\_ **Date:** \_\_\_\_\_



United States Department of Agriculture  
Natural Resources Conservation Service

NE-WQL22 2011 Ranking Period 1

Initial Date of Compost	Description of Materials	Quantity (T, lb., etc.)	Date Compost Piles are Removed	Describe Compost Use (Reused or Land Applied)	Complete if Compost is Land Applied				
					Application Method	Application Rate (lb./A or T/A)	Total Amount Applied (lb. or T)	Field ID & Acres	Crop & Yield
6/25/11	Beef solids from pen	147.4 Ton	11/25/11	Land Applied	Broadcast - no incorp.	12 T/A	132.2 Tons (assume 20 %)	T1212 F1 79.8 ac.	Corn 212 bu/a
4/10/11	Sand from separator	50 Ton	11/01/11	Recycled for bedding in Dairy Barn	NA	NA	NA	NA	