



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

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 dead animals have been incorporated into the compost mix.
- 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 and on soils with an acceptable permeability that does not allow materials to contaminate the 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.

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 dead animals).
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 the material will be reused.
6. Complete the table on the next page.



United States Department of Agriculture
 Natural Resources Conservation Service

NE-WQL22 2010 Ranking Period 2

Entire Table to be completed by Producer.

Initial Date of Compost	Description of Materials	Quantity (lb. or T)	Date Compost Piles are Removed	Describe Compost Use (Reused or Land Applied)	Complete if Compost is Land Applied			
					Apply Compost - Method	Rate (lb./A or T/A)	Total Amount Applied (lb. or T)	Field ID
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 FI
4/10/11	Sand from separator	50 Ton	11/01/11	Recycled for bedding in Dairy Barn	NA	NA	NA	NA

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

1. An inventory of waste products produced on the farm.
2. An estimate of the annual quantities of compost to be produced.
3. The compost plan.
4. A location map showing the location of the composting facility(s).
5. A nutrient management plan for the land application of the compost.
6. Maps of each land application site.
7. Soil sample report and compost nutrient analysis.

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:** _____