

On-Site Dairy Evaluation: Manure and Wastewater Storage
(stockpiles and storage ponds)

1. I store manure on site before disposal/use:
 < 6 months
 6 to 12 months
 more than a year
 not at all

2. I have enough storage area to store manure produced:
 0 to 3 months
 3 to 6 months
 6 to 9 months
 9 to 12 months

3. I put the manure stockpile areas and wastewater storage ponds in the following places to minimize odor and water quality concerns:
 over a deep water table
 on heavy soils
 away from watercourses
 above the 100-year flood plain
 at least 150 ft downstream from any water well
 unsure

4. I inspect manure stockpiles and wastewater storage ponds for runoff and seepage problems:
 monthly
 annually
 never
 unsure how to inspect

5. I use grass filter strips below stockpiles to reduce nutrient runoff:
_____ yes

_____ no

6. I keep runoff water away from the manure stockpiles:
_____ completely

_____ mostly

_____ somewhat

_____ not at all

7. I have a liner in my wastewater storage pond:
_____ compacted soil

_____ bentonite clay

_____ plastic

_____ concrete

_____ no liner

8. I have a plan in case excessive runoff overloads my storage pond:
_____ yes

_____ no

9. My wastewater storage pond has the capacity to handle the runoff from a 25-year, 24-hour storm:

_____ usually

_____ probably

_____ unsure

10. I keep rainfall records to determine the contribution of water to the storage pond:

_____ usually

_____ sometimes

_____ never

11. I keep livestock away from the wastewater storage pond and trenches:

_____ always

_____ usually

_____ sometimes

_____ never

12. I remove solids that accumulate in my wastewater storage pond:

_____ annually

_____ every 2-5 years

_____ never

13. The manure stockpiles and/or wastewater storage pond smell bad:

_____ frequently

_____ occasionally

_____ rarely

14. The seepage from my wastewater holding pond:

_____ fits within the regulatory requirements

_____ is in violation of regulations

_____ unsure

Courtesy of Jessica Davis, Environmental Soil Scientist, CSU