

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

Courtesy of Jessica Davis, Environmental Soil Scientist, CSU

I store manure on site before disposal/use: _____ < 6 months

_____ 6 to 12 months

_____ more than a year

_____ not at all

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

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

I inspect manure stockpiles and wastewater storage ponds for runoff and seepage problems: _____ monthly

_____ annually

_____ never

_____ unsure how to inspect

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

_____ no

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

_____ mostly

_____ somewhat

_____ not at all

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

_____ bentonite clay

_____ plastic

_____ concrete

_____ no liner

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

_____ no

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

_____ probably

_____ unsure

I keep rainfall records to determine the contribution of water to the storage pond: _____ usually

_____ sometimes

_____ never

I keep livestock away from the wastewater storage pond and trenches: _____ always

_____ usually

_____ sometimes

_____ never

I remove solids that accumulate in my wastewater storage pond: _____ annually

_____ every 2-5 years

_____ never

The manure stockpiles and/or wastewater storage pond smell bad: _____ frequently

_____ occasionally

_____ rarely

The seepage from my wastewater holding pond: _____ fits within the regulatory requirements

_____ is in violation of regulations

_____ unsure