

**FORM FOR
PRELIMINARY INFRASTRUCTURE NEEDS CHECKLIST
AT
EXITING MILK COW DAIRIES**



Animal housing

Freestalls

- curbs to contain flush water and manure in alleys
- structures to collect and divert rain run-on/ barn runoff (ditch, roof gutters)
- improve water trough floats (cage, float type, float setting)
- pipeline to relocate roof run-off away from animal housing area
- improve flush valves
- improve flush pumps
- other _____

Exercise pens

- improve water trough floats (cage, float type, float setting)
- install hard surface around water troughs
- concrete surfaces under eaves of roof to collect rain runoff
- gutters to collect and control roof runoff from freestall barn(s)
- install ponding controls (grading, piping, basins, pumps,)
- structures to prevent rain run-on (ditch, curb)
- install gates/fences to control sensitive areas
- structure to convey runoff to retention pond
- other _____

Open corrals

- install ponding controls (grading, piping, basins, pumps,)
- improve water trough floats (cage, float type, float setting)
- install hard surface around water troughs
- structures to prevent rain run-on (ditch, curb, roof gutters on shades)
- install removable shade structures (for winter removal)
- install gates/fences to control sensitive areas (streams, low spots in corrals, etc.)
- structure to convey runoff to retention pond
- other _____

Manure Transfer (within production area)

- install screens and/or grates to remove large debris from pipe inlets
- vacuum collection/transfer system
- other _____

Manure Treatment

- install solid separation system
- install sand (bedding) recovery system
- install drainage system for solid separation system
- install pump lift station
- other _____

Manure Storage

- enlarge existing liquid storage capacity*
- install new liquid storage structure*
- install depth marker
- improve collection and conveyance of runoff to lagoon
- install impermeable surface beneath solid manure storage areas
- install leachate collection system to convey leachate to retention pond
- install bypass to recirculate some or all pumped wastewater back to the pond
- other _____

