

## Ranking Category – LIVESTOCK WASTE

### Primary Resource Concerns –

- Air Quality – Objectionable Odors
- Water Quality – Excessive Nutrients and Organics in Surface Water
- Water Quality – Excessive Nutrients and Organics in Groundwater

### Secondary Resource Concern –

- Fish and Wildlife – Threatened and Endangered Species, Declining Species, Species of Concern (Arkansas Darter, Arkansas River Shiner, Bald Eagle, Neosho Madtom, Neosho Mucket Mussel, Eastern Spotted Skunk, Topeka Shiner)

### Eligible Land Uses –

- Crop, Grazed Range, Hay, Headquarters, and Pasture

### Additional Requirements for this Category –

- The Kansas Environmental Quality Incentives Program (EQIP) Self-Assessment Worksheet will be completed and signed by the applicant prior to the evaluation period cut-off date to be considered for funding.
- The 2008 Farm Bill requires that an EQIP plan of operations that includes an animal waste management facility will provide for the development and implementation of a comprehensive nutrient management plan (CNMP). Payment will not be made on the waste storage facility or associated practices until the CNMP has been developed.

### State Issues –

Answer the following question related to proximity of population center:

- (1) Existing unit of concern is within one mile of a population center of 100 persons or greater. (30 points)

If applicable, answer ONE of the following two questions related to Total Maximum Daily Loads (TMDL). If neither applies leave the answers “NO”:

- (2a) The animal feeding operation (AFO) is located within a Kansas Department of Health and Environment (KDHE) identified high priority Total Maximum Daily Load (TMDL) watershed for fecal coliform bacteria AND is targeted to meet the Environmental Protection Agency (EPA) Strategic Plan to improve water quality nationwide by 2012. (30 points)
- (2b) The AFO is located within a KDHE identified high priority TMDL watershed for fecal coliform bacteria but is NOT a TMDL targeted to meet the EPA Strategic Plan. (20 points)

## Ranking Category – LIVESTOCK WASTE

Receiving water body is defined as permanent water bodies greater than 0.5 acres in size; rivers; streams, including U.S. Geological Survey blue line intermittent streams; and Food Security Act wetlands for which hydrology has not been altered. If applicable, answer ONE of the following two questions related to receiving water bodies. If neither applies leave the answers "NO":

- (3a) Any part of the unit of concern is located within 180.0 feet of a receiving water body or has a soil with Frequent flood frequency. (30 points)
- (3b) Any part of the unit of concern is located between 180.1 to 300 feet, but not less than 180.0 feet, of a receiving water body or has a soil with Occasional flood frequency. (20 points)

Answer the following question related to Kansas Geological Survey identified sensitive groundwater areas:

- (4) Animal Feeding Operation (AFO) is located within a Kansas Geological Survey identified sensitive groundwater area. (20 points)

Answer the following question related to Kansas Source Water Assessment Areas:

- (5) AFO is located within a Kansas Source Water Assessment Area. (10 points)

Answer the following question related to Watershed Restoration Action Plans (WRAPs):

- (6) Any part of the unit of concern is located in a WRAPs implementation area. (10 points)

Answer the following question related to at-risk species:

- (7) Any part of the unit of concern is located within an at-risk species habitat area for Arkansas Darter, Arkansas River Shiner, Bald Eagle, Neosho Madtom, Neosho Mucket Mussel, Eastern Spotted Skunk, and/or Topeka Shiner and treatment of the resource concern will benefit the at-risk species. (10 points)

If applicable, answer ONE of the following four questions related to current status of the Animal Feeding Operation (AFO). Refer to the Livestock Waste Self Assessment Worksheet for the definition of expanding. If none apply leave the answers "NO":

- (8a) Unit of concern is an existing AFO that has not previously been treated. AFO will not be expanding. (680 points)
- (8b) Unit of concern is an existing AFO that has received written notice from the KDHE that the current system has insufficient treatment. AFO will not be expanding. (520 points)

## Ranking Category – LIVESTOCK WASTE

- (8c) Unit of concern is an existing AFO that will improve efficiency of their current waste management system. The current system meets KDHE minimum requirements. AFO will not be expanding. (360 points)
- (8d) AFO is expanding. (200 points)

Answer the following question related to development of a Comprehensive Nutrient Management Plan (CNMP):

- (9) A CNMP has been developed prior to the evaluation cutoff date, and is ready to be implemented. (15 points)

Answer EACH of the following questions related to waste application:

- (10) Nutrient management plan includes the application of livestock waste that will be applied by injection/subsurface application. (5 points)
- (11) Waste water applied by irrigation will use an approved irrigation scheduling system. (5 points)

The following question **MUST BE ANSWERED "YES"** in order for this application to be considered eligible for this ranking category:

- (12) The following requirements must be met: (1) The appropriate Kansas Self-Assessment Worksheet(s) has been completed, signed, and returned to NRCS by the applicant prior to the application evaluation period cut-off date; and (2) a comprehensive nutrient management plan (CNMP) will be developed and implemented. The CNMP must be developed before payment can be received on a waste treatment facility.