

Ranking Category – MIDWEST FLOOD REPAIR 2008 - WATER QUALITY

2008 Kansas Environmental Quality Incentives Program (EQIP) – MIDWEST FLOOD REPAIR 2008 - Water Quality

Primary Resource Concerns:

- **Water Quality – Excessive Nutrients and Organics in Groundwater**
- **Water Quality – Excessive Nutrients and Organics in Surface Water**
- **Water Quality – Harmful Levels of Pesticides in Groundwater**
- **Water Quality – Harmful Levels of Pesticides in Surface Water**
- **Water Quality – Excessive Suspended Sediment and Turbidity in Surface Water**
- **Soil Erosion – Streambank**

Secondary Resource Concern:

- **Fish and Wildlife – Threatened and Endangered Species, Declining Species, Species of Concern**

Eligible Land Uses:

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

Additional Requirements for this Category:

- **Participant must be able to answer “YES” to one option in question 9.**
- **Practices are NOT eligible if failure was due to lack of maintenance, or if the damage was not caused by flood-related events.**
- **Practices must meet the same purpose and extent of the original contract, and will be installed in the same location.**

State Issues –

If applicable, answer ONE of the following two questions related to Kansas Geological Survey identified sensitive groundwater areas. If neither applies leave the answers “NO”:

- (1a) Greater than or equal to 50.0 percent of the unit of concern is located within a Kansas Geological Survey identified sensitive groundwater area. (20 points)
- (1b) Any part of the unit of concern, but less than 50.0 percent, is located within a Kansas Geological Survey identified sensitive groundwater area. (15 points)

If applicable, answer ONE of the following four questions related to Total Maximum Daily Loads (TMDL). If none apply leave the answers “NO”:

- (2a) Greater than or equal to 50.0 percent of the unit of concern is located within a Kansas Department of Health and Environment (KDHE) identified high priority Total Maximum Daily Load (TMDL) watershed for eutrophication, dissolved oxygen, nutrients, and/or pesticides AND is targeted to meet the Environmental Protection Agency (EPA) Strategic Plan to improve water quality nationwide by 2012. (30 points)

Ranking Category – MIDWEST FLOOD REPAIR 2008 - WATER QUALITY

- (2b) Any part of the unit of concern, but less than 50.0 percent, is located within a KDHE identified high priority TMDL watershed for eutrophication, dissolved oxygen, nutrients, and/or pesticides AND is targeted to meet the EPA Strategic Plan to improve water quality nationwide by 2012. (25 points)
- (2c) Greater than or equal to 50.0 percent of the unit of concern is located within a KDHE identified high priority TMDL watershed for eutrophication, dissolved oxygen, nutrients, and/or pesticides but is NOT a TMDL targeted to meet the EPA Strategic Plan. (20 points)
- (2d) Any part of the unit of concern, but less than 50.0 percent, is located within a KDHE identified high priority TMDL watershed for eutrophication, dissolved oxygen, nutrients, and/or pesticides but is NOT a TMDL targeted to meet the EPA Strategic Plan. (15 points)

If applicable, answer ONE of the following two questions related to Kansas Source Water Assessment Areas. If neither applies leave the answers “NO”:

- (3a) Greater than or equal to 50 percent of the unit of concern is located within a Kansas Source Water Assessment Area. (20 points)
- (3b) Any part of the unit of concern, but less than 50.0 percent, is located within a Kansas Source Water Assessment Area. (15 points)

Receiving water body is defined as permanent water bodies greater than 0.5 acre in size; rivers; streams, including United States 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”:

- (4a) 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. (15 points)
- (4b) Any part of the unit of concern is located between 180.1 to 300 feet, but not within 180.0 feet, of a receiving water body or has a soil with Occasional flood frequency. (10 points)

If, applicable, answer ONE of the following two questions related to nitrate leaching potential. If neither applies leave the answers “NO”:

- (5a) A HIGH nitrate leaching potential exists for greater than or equal to 50.0 percent of the unit of concern. (350 points)
- (5b) A combination of MEDIUM and/or HIGH nitrate leaching potential exists for greater than or equal to 50.0 percent of the unit of concern. (170 points)

Ranking Category – MIDWEST FLOOD REPAIR 2008 - WATER QUALITY

If applicable, answer ONE of the following two questions related to Potential Soil Loss Index (PSLI). If neither applies leave the answer “NO”:

- (6a) PSLI of HIGH exists for greater than or equal to 50.0 percent of the unit of concern. (350 points)
- (6b) A combination of MEDIUM and/or HIGH PSLI exists for greater than or equal to 50.0 percent of the unit of concern. (170 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 Topeka Shiner, Arkansas Darter, Neosho Mucket Mussel, and/or Neosho Madtom 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 drainage into federal reservoirs. If none apply leave the answer “NO”:

- (8a) The entire unit of concern (100.0 percent) is located within a hydrologic unit code (HUC) 11 drainage that is directly adjacent to a federal reservoir or the HUC 11 of the Smoky Hill River from Kanopolis Lake to the Kansas River. (20 points)
- (8b) The entire unit of concern (100.0 percent) is located in a HUC 8 main stem drainage that is upstream of a federal reservoir, above the HUC 11 drainage that is directly adjacent to the federal reservoir. (10 points)
- (8c) Any part of the unit of concern, but less than 100.0 percent, is located within a hydrologic unit code (HUC) 11 drainage that is directly adjacent to a federal reservoir, or the HUC 11 of the Smoky Hill River from Kanopolis Lake to the Kansas River. (15 points)
- (8d) Any part of the unit of concern, but less than 100.0 percent, is located in a HUC 8 main stem drainage that is upstream of a federal reservoir, above the HUC 11 drainage that is directly adjacent to the federal reservoir. (5 points)

Answer ONE of the following three questions. If none of these apply, participant is ineligible for this ranking category:

- (9a) The practice is fully established, WITHIN its current lifespan, received financial assistance through Interim EQIP, Great Plains Conservation Program (GPCP), Soil and Water Conservation Assistance (SWCA), or another deauthorized NRCS administered program and the contract is completed and expired in good status. (2500 points)

Ranking Category – MIDWEST FLOOD REPAIR 2008 - WATER QUALITY

- (9b) The practice is fully established, BEYOND its current lifespan, received financial assistance through Interim EQIP, EQIP, GPCP, SWCA, or another NRCS administered program and the contract is completed and expired in good status. (1650 points)
- (9c) The practice is fully established and was constructed with the NRCS technical assistance but received no financial assistance, or financial assistance was received through a state or non NRCS administered federal program. (820 points)