

Turkey River EQIP Resource Concerns Summarized from county data:

Soil Erosion – Sheet and rill, ephemeral, classic gully, streambank

Soil Condition – Organic Matter Depletion, Animal Waste Contamination (N, P, K), Commercial Fertilizer (N,P)

Water Quality – Excessive Nutrients and Organics in Groundwater and Surface Water, Harmful Levels of Pathogens in Surface Water, Harmful Levels of Pesticides in Surface Water, Excessive Suspended Sediment and Turbidity in Surface Water.

Air Quality – Objectionable Odors, Excessive Greenhouse Gas (CO₂), Particulate matter (PM 2.5, PM 10), Undesirable Air Movement

Fish and Wildlife – Inadequate cover/shelter, inadequate food, inadequate Space, T & E Species: Declining species, species of concern

Domestic Animals – Inadequate quantities and quality of feed and forage, inadequate stock water, stress and mortality

Plant Condition – Productivity, health and vigor; forage quality and palatability, and Noxious and Invasive Plants

Priority watersheds within the Turkey River Watershed are: Nutting Creek, Glovers Creek, Otter Creek, Volga Lake, Lake Meyer, Mink Creek, Grannis Creek, Bear Creek, Silver Creek and Ensign Hollow watersheds.

RWA Resource Concerns

Row Crop

- Sheet and Rill Erosion*
- Ephemeral Gully Erosion*
- Soil Condition Contaminants-Animal Waste- & Other Organics (N,P,&K)*
- Water Quality Suspended Sediment & Turbidity in Surface Waters
- Water Quality Excessive Nutrients & Organics in Ground Water and Surface Water*
- Water Quality Pesticides in Surface Water
- Organic Matter Depletion,

Pastureland

- Domestic Animals Inadequate Quantities & Quality of Feed and Forage*
- Plant Condition Productivity, Health, and Vigor & Palatability*
- Water Quality Excessive Nutrients & Organics in Surface Water
- Classic Gully Erosion
- Inadequate stock water
- Streambank erosion*
- Harmful Levels of Pathogens in Surface Water,
- Air Quality – Objectionable Odors, Excessive Greenhouse Gas (CO₂), Particulate matter (PM 2.5, PM 10), Undesirable Air Movement

Natural Areas

- Wildlife/Inadequate cover, food, and shelter*
- T&E Species
- Plant Condition, Productivity, Health, and Vigor*
- Plant Condition, Noxious and Invasive Plants*
- Plant Community Fragmentation*
- Declining species, species of concern

*The top concerns from NRCS field staff collected at the March 15, 2011 meeting.