Typically, these gullies occur in small drainage areas. They all have the potential to erode until they become large gullies.

Animal Lots (oxygen demand and nutrients)

Only 3 livestock operations were inventoried in the Viola subwatershed. Phosphorus loading from these 3 lots is insignificant and does not pose a serious threat to water quality.

Winter Spread Manure (oxygen demand nutrients)

Only 1 livestock operation that was inventoried in the Viola subwatershed was considered to have a potential winter spreading problem. An estimated 2 critical acres are being used for winter spreading of manure.

Warner Creek Subwatershed (WA)

Subwatershed Description

The Warner Creek subwatershed drains 24.1 square miles. It is the second largest subwatershed in the Middle Kickapoo River Priority Watershed project area. Warner Creek itself is 11 miles in length and is currently classified as Class II trout water. Warner Branch, a major tributary, is 5 miles long and is classified as Class III trout water. Other tributaries include Caucutt Valley, Winchel Valley and several smaller unnamed valleys. Warner Creek flows in a westerly direction and outlets into the Kickapoo River inside the Army Corps of Engineer Land about 1 mile northeast of the village of Rockton. The small village of Valley is located along Warner Creek on County Highway P in the middle of the subwatershed.

This subwatershed is primarily rural with land use divided as follows:

agricultural	43%
woodland	49%
wetland	1%
other*	7%

* grassland, quarries, and residential land

Water Resources Conditions

Warner Creek is an 8.6 mile tributary of the Kickapoo River. The stream is managed as a Class II brown trout fishery and was stocked in 1990 with 500 fingerling and 1200 9-inch

brown trout. The 1990 fish survey found 49 brown trout, ranging from 6.5 - 14.9 inches in length. The survey also found a very diverse forage fishery of 15 species. Sand is the dominant substrate type, with lesser amounts of gravel, rubble and silt. The stream HBI (Hilsenhoff Biotic Index) was 5.52, indicating fairly significant organic loading, and the Habitat Rating was "good".