

CHAPTER 8: EVALUATION AND MONITORING

Sediment Delivery

Like most counties in the state, Wood County is in the process of land records modernization. The development of Geographic Information System (GIS) capabilities greatly enhances evaluation and monitoring capabilities. The GIS will be used to locate farms that have been evaluated for compliance with NR 151 Standards. The evaluation will be linked with parcel identification numbers for future monitoring purposes.

Erosion rates from Wood County crop fields will be evaluated using the transect survey method. The Land Conservation Department will continue to conduct an annual countywide survey of cropland to gather information on tillage methods and soil loss rates.

Annual accomplishment reports will be submitted to the Wisconsin DATCP and DNR. These reports will summarize the number of cropland acres that had conservation plans developed on them in the reporting year. The report will also show the number and type of best management practices that were installed through the Soil and Water Resource Management Program.

Animal Waste and Nutrient Delivery

The Wood County Land Conservation Department will use the GIS to locate and detail the number of animal waste storage facilities that were installed during the year. The GIS will also be used to locate crop acres that have manure-spreading restrictions and nutrient management plans. Also, the GIS will locate properly abandoned manure storage facilities.

An annual accomplishment report submitted to the Wisconsin DATCP and DNR will show the number of manure storage facilities that were built, the number of cropland acres with a conservation plan and the number of acres that have a nutrient management plan. The report will also indicate the number and type of best management practices that were installed through the Soil and Water Resource Management Program.

Water Resources Inventory

It is the goal of the Land Conservation Department to increase what is known about Wood County's surface and groundwater resources. Increasing the inventory database of these resources will help natural resource managers make better decisions to solve water quality problems. The Land Conservation Department will encourage continued and more water quality monitoring efforts by the WDNR. Annual accomplishment reports submitted to the Wisconsin DATCP and DNR will summarize the number and location of stream and groundwater samples.