

BASIN WORKSHEET

Name _____ Sec. _____ T _____ N R _____ County _____

SITE INFORMATION:

Concern: Gully Erosion _____ Watercourse Erosion _____

OUTLET INFORMATION:

Existing _____ Diameter _____ Type _____ Min Grade _____ Condition _____

New Tile Line: Adequate & Stable Outlet: Description _____

BASIN X-SECTION:

Broad base _____ Grassed Back _____ Narrow Base _____ Land Slope _____

EQUIPMENT INFORMATION:

Present Equipment: _____ Rows x _____" Row width = _____' Farming Width

Future Equipment: _____ Rows x _____" Row width = _____' Farming Width

Max. Equipment Width _____ Type _____

FARMING OPERATIONS:

Rotation _____ Tillage Practices _____

Dewatering Time _____ (Maximum 48 hours)

Land Treatment in Watershed _____

Table M-1 on page 8-72.1 of the EFH gives the relationship between required Underground Outlet capacities vs. basin Storage Volume required.

Converting Soil Loss from tons per acre per year to the Estimated 10 year Sediment yield in inches per year per unit of drainage area can be found on page 8-24.1 of the EFH.

Maximum allowable horizontal spacings based on land slope are shown in Practice Standard 638, Water and Sediment Control Basin contained in Section 4 of the EFOTG.

Planned by _____

Date _____