

ESTIMATED SEDIMENT REQUIREMENTS

Watershed or County: _____

Date: _____

Site Number or Name: _____

Computed by: _____

Drainage Area: _____ Sq. Mi. _____ Acres _____

Checked by: _____

I

		Acres	Dominant soil type	R	K	LS	C	P	Soil loss T/ac/yr
1	Cropland - terraced								
2	Cropland - unterraced								
3	Pasture								
4	Storage Terraces								

II

		Acres	S.L.	Total tons/yr	Delivery ratio (%)	Annual delivered tons
1	Crop – terraced					
2	Crop – unterraced					
3	Pasture					
4 Sheet erosion						
5	Storage terraces					
6 Gully and streambank erosion					100	
					6 Total:	

III

Annual delivered tons	Design life	Total delivered tons	Volume wt. Tons/ac-ft	Storage required acre-feet

Table 1

Soil Material	Volume weight (tons/ac-ft)
Silt or Clay	1400
Predominantly Sand	1700