

Reclamation Manual

Directives and Standards

LAND CEILING EXAMPLE COMPUTATIONS (*Data information from Figure 1*)

Numbers are shown as integers but are rounded only when the calculation is complete.

AUTHORIZED 2,000 ACRES FOR \$1,000,000 –

(1) CURRENT COST ESTIMATE METHOD FOR 1,800 ACRES –

$$[(2000 - 1800) / 2000] 1000 (305/174) + 1100 = 1275$$

(2) ACTUAL COST METHOD FOR 1,800 ACRES –

$$[(2000 - 1800) / 2000] 1000 (305/174) + 1150 = 1325$$

NOTE: For either estimated or actual acreage greater than the authorized acreage, the computations for 2,500 acres at \$1,750,000 would be –

$$[(2000 - 2500) / 2000] 1000 (305/174) + 1750 = 1312$$

(3) INDEXING METHOD –

(Land and Rights, Base Authorized Amount - 1,000)

$$1,000 (211/174) = 1,213 \text{ (New ceiling before 1-74 expenditures are deducted)}$$

$$\underline{-900 \text{ (Expended amount in 1-74)}}$$

$$313 (229/211) = 339 \text{ (New remaining ceiling for L/R)}$$

$$\underline{-250 \text{ (Expended amount in 1-75)}}$$

$$89 (305/229) = 119 \text{ (Remaining ceiling avail.)}$$

$$\underline{+1,150 \text{ (Total expenditures)}}$$

$$1,269 \text{ (Total ceiling for L/R)}$$

See also example in Figure 5.