

TABLE III
COMPARISON OF PERENNIAL YIELD IN SELECTED WATERSHEDS
USING VARIOUS METHODS OF ANALYSIS

WATERSHED	SANTA BARBARA COUNTY THRESHOLDS MANUAL (AFY)/ (ERROR)	MILLER & RAPP (AFY)/(ERROR)	HOOVER METHOD USING CRIPPEN-BLANEY STREAM/FIELD RECHARGE AND SUBSURFACE RECHARGE/(ERROR)	PERENNIAL YIELD PUMPAGE – CHANGE IN STORAGE METHOD (AFY)
Gato/Las Varas (Vaqueros Sandstone)	266/(+77%)	360/(+140%)	171/(+15%)	150 ⁽¹⁾
El Capitan/ Destiladera/Llagas (Vaqueros Sandstone)	132/(-70%)	275/(-38%)	321/(-28%)	450
Carneros (Vaqueros Sandstone)	87/(-56)	91/(-54%)	141/(-30%)	200 ⁽²⁾
Venedito (Vaqueros Sandstone)	90/(-37%)	35/(-75%)	161/(+13%)	143
Las Flores/Corral (Vaqueros Sandstone)	122/(-12%)	216/(+55%)	256/(+84%)	139 ⁽³⁾
Tajiguas (All Aquifers))	756/(+26%)	282/(-47%)	744/(+24%)	600
Average Error	46%	68%	33%/22% ⁽⁴⁾	--

⁽¹⁾ Value impacted by upstream diversion

⁽²⁾ Assumes ½ of the calculated watershed recharge is allocated to Vaqueros Sandstone.
Remainder of recharge allocated to upstream aquifer.

⁽³⁾ Value impacted by upstream fault.

⁽⁴⁾ Average error is presented with and without adjustment for unique geologic conditions in Las Flores/Corral Canyon.