

**TABLE IV****CALCULATED COMPONENTS OF RECHARGE IN SELECTED WATERSHEDS  
IN SOUTHERN SANTA BARBARA COUNTY**

WATERSHED	ANNUAL RAINFALL AT OUTCROP (INCHES)	AVERAGE ANNUAL RAINFALL IN WATERSHED (AFY) <sup>1</sup>	AVERAGE ANNUAL STREAMFLOW (AFY)	INFILTRATION RATE (BASED ON SITE-SPECIFIC AQUIFER PERMEABILITY)	STREAM SEEPAGE BASED ON CONSOLIDATED ROCK AQUIFER PERMEABILITY (AFY)	AREA OF OUTCROP (ACRES)	FIELD RECHARGE - SCS (AFY)	CALCULATED SUBSURFACE INFLOW <sup>2</sup> (AFY)	TOTAL ANNUAL RECHARGE MODIFIED INVENTORY METHOD	ANNUAL RECHARGE (PUMPAGE CHANGE IN STORAGE METHOD/ YEAR)	PERENNIAL YIELD AS PERCENTAGE AND RAINFALL
Gato/Las Varas (Northern and Southern Vaqueros Sandstone)	20"	7570	1320	0.86 gpd/ft <sup>2</sup>	11	531	110	50	171 AF	150 AF (1994-2004)	2.05%
El Capitan/ Destilera/ Llagas (Northern and Southern Vaqueros Sandstone)	20"	11,924	2328	2.77 gpd/ft <sup>2</sup>	16	196	70	235	321 AF	450 AF (1980-2010)	3.77%
Carneros (Northern and Southern Vaqueros Sandstone)	21"	3958	520	4.3 gpd/ft <sup>2</sup>	20	132	41	80	141 AF	200 AF (1982-93)	5.05%
Venadito (Northern and Southern Vaqueros Sandstone)	22"	1794	247	9.48 gpd/ft <sup>2</sup>	38	140	50	73	161 AF	143 AF (1993-2004)	7.97%
Tajiguas All Sandstone Aquifers	20"/27"	6030	1068	5.5 gpd/ft <sup>2</sup>	51	1945	364	329	744 AF	600 AF (2009-2017)	9.95%
Las Flores (Vaqueros Sandstone)	20"	9349	1826	10 gpd/ft <sup>4</sup>	86	265	36	134	256	139 AF (1993-2013)	4.09%

NOTE: Perennial yield as percentage of rainfall utilizes pumpage-change in storage value for perennial yield.

