Calculation of Agricultural Groundwater Pumping
Antelope Valley Area of Adjudication

Year	Adjusted Total Agricultural Water Requirements	SWP Imported Water (AVID)	SWP Imported Water (LACO)	SWP Imported Water (PWD no LACO)	SWP Imported Water (Total)	Littlerock Ck Local Water (LACO)	Littlerock Ck Local Water (PWD no LACO)	Littlerock Ck Local Water (Total)	WRP Recycled Water	Total Surface and Recycled Water	Calculated Groundwater Pumpage to meet Agricultural Requirements	Additional Groundwater Pumpage to export to California Aqueduct	Total Calculated Groundwater Pumpage
1916	77,000	0	0	0	0	0	0	0	0	0	77,000	0	77,000
1917	82,000	0	0	0	0	0	0	0	0	0	82,000	0	82,000
1918	121,760	0	0	0	0	0	0	0	0	0	121,760	0	121,760
1919	167,000	0	0	0	0	0	0	0	0	0	167,000	0	167,000
1920	234,734	0	0	0	0	0	0	0	0	0	234,734	0	234,734
1921	183,112	0	0	0	0	0	0	0	0	0	183,112	0	183,112
1922	139,179	0	0	0	0	0	0	0	0	0	139,179	0	139,179
1923	203,000	0	0	0	0	0	0	0	0	0	203,000	0	203,000
1924	208,311	0	0	0	0	0	0	0	0	0	208,311	0	208,311
1925	273,000	0	0	0	0	0	0	0	0	0	273,000	0	273,000
1926	208,707	0	0	0	0	0	0	0	0	0	208,707	0	208,707
1927	323,497	0	0	0	0	0	0	0	0	0	323,497	0	323,497
1928	377,000	0	0	0	0	0	0	0	0	0	377,000	0	377,000
1929	347,000	0	0	0	0	0	0	0	0	0	347,000	0	347,000
1930	363,000	0	0	0	0	0	0	0	0	0	363,000	0	363,000
1931	357,000 *	0	0	0	0	0	0	0	0	0	357,000	0	357,000
1932	353,102 *	0	0	0	0	0	0	0	0	0	353,102	0	353,102
1933	348,000 *	0	0	0	0	0	0	0	0	0	348,000	0	348,000
1934	343,774 *	0	0	0	0	0	0	0	0	0	343,774	0	343,774
1935	339,091 *	0	0	0	0	0	0	0	0	0	339,091	0	339,091
1936	334,327	0	0	0	0	0	0	0	0	0	334,327	0	334,327
1937	340,134	0	0	0	0	0	0	0	0	0	340,134	0	340,134
1938	348,735 *	0	0	0	0	0	0	0	83	83	348,735	0	348,735
1939	351,000 *	0	0	0	0	0	0	0	83	83	351,000	0	351,000
1940	357,362	0	0	0	0	0	0	0	83	83	357,279	0	357,279
1941	351,143 *	0	0	0	0	0	0	0	97	97	351,143	0	351,143
1942	348,023 *	0	0	0	0	0	0	0	97	97	348,023	0	348,023
1943	333,000 *	0	0	0	0	0	0	0	125	125	333,000	0	333,000
1944	332,652 *	0	0	0	0	0	0	0	228	228	332,652	0	332,652
1945	328,704 *	0	0	0	0	0	0	0	228	228	328,704	0	328,704
1946	329,000 *	0	0	0	0	0	0	0	436	436	329,000	0	329,000
1947	344,000 *	0	0	0	0	0	0	0	436	436	344,000	0	344,000
1948	357,479 *	0	0	0	0	0	0	0	612	612	357,479	0	357,479
1949	350,000	0	0	0	0	1,000	0	1,000	000	2,139	350,143	0	350,143
1950	311,121	0	0	0	0	1,000	0	1,000	700	3,333	330,917	0	330,917
1951	330,000	0	10	0	10	1,000	0	1,000	726	3,482	330,911	0	330,911
1952	332,000	0	332	0	332	1,012	0	1,012	000	3,000	330,227	0	330,227
1953	330,000	0	000	0	000	1,000	0	1,000	000	3,000	327,000	0	327,000
1954	330,000	0	000	0	000	1,000	0	1,000	000	3,000	330,000	0	330,000
1955	327,000	27,000	000	0	27,000	1,000	0	1,000	000	28,000	327,000	0	327,000
1956	330,000	32,000	000	0	32,327	000	0	000	000	33,000	330,112	0	330,112
1957	330,000	37,000	000	0	37,000	1,000	0	1,000	000	40,000	330,000	0	330,000
1958	330,000	000	000	0	000	1,000	0	1,000	000	000	330,000	0	330,000
1959	330,000	000	000	0	000	1,000	0	1,000	000	000	330,000	0	330,000
1960	330,000	000	000	0	000	1,000	0	1,000	000	000	330,000	0	330,000
1961	330,000	000	000	0	000	1,000	0	1,000	000	000	330,000	0	330,000
1962	330,000	000	000	0	000	1,000	0	1,000	000	000	330,000	0	330,000
1963	330,000	000	000	0	000	1,000	0	1,000	000	000	330,000	0	330,000
1964	330,000	000	000	0	000	1,000	0	1,000	000	000	330,000	0	330,000
1965	330,000	000	000	0	000	1,000	0	1,000	000	000	330,000	0	330,000
1966	330,000	000	000	0	000	1,000	0	1,000	000	000	330,000	0	330,000
1967	330,000	000	000	0	000	1,000	0	1,000	000	000	330,000	0	330,000
1968	330,000	000	000	0	000	1,000	0	1,000	000	000	330,000	0	330,000
1969	330,000	000	000	0	000	1,000	0	1,000	000	000	330,000	0	330,000
1970	330,000	000	000	0	000	1,000	0	1,000	000	000	330,000	0	330,000
1971	330,000	000	000	0	000	1,000	0	1,000	000	000	330,000	0	330,000
1972	330,000	000	000	0	000	1,000	0	1,000	000	000	330,000	0	330,000
1973	330,000	000	000	0	000	1,000	0	1,000	000	000	330,000	0	330,000
1974	330,000	000	000	0	000	1,000	0	1,000	000	000	330,000	0	330,000
1975	330,000	000	000	0	000	1,000	0	1,000	000	000	330,000	0	330,000
1976	330,000	000	000	0	000	1,000	0	1,000	000	000	330,000	0	330,000
1977	330,000	000	000	0	000	1,000	0	1,000	000	000	330,000	0	330,000
1978	330,000	000	000	0	000	1,000	0	1,000	000	000	330,000	0	330,000
1979	330,000	000	000	0	000	1,000	0	1,000	000	000	330,000	0	330,000
1980	330,000	000	000	0	000	1,000	0	1,000	000	000	330,000	0	330,000
1981	330,000	000	000	0	000	1,000	0	1,000	000	000	330,000	0	330,000
1982	330,000	000	000	0	000	1,000	0	1,000	000	000	330,000	0	330,000
1983	330,000	000	000	0	000	1,000	0	1,000	000	000	330,000	0	330,000
1984	330,000	000	000	0	000	1,000	0	1,000	000	000	330,000	0	330,000
1985	330,000	000	000	0	000	1,000	0	1,000	000	000	330,000	0	330,000
1986	330,000	000	000	0	000	1,000	0	1,000	000	000	330,000	0	330,000
1987	330,000	000	000	0	000	1,000	0	1,000	000	000	330,000	0	330,000
1988	330,000	000	000	0	000	1,000	0	1,000	000	000	330,000	0	330,000
1989	330,000	000	000	0	000	1,000	0	1,000	000	000	330,000	0	330,000
1990	330,000	000	000	0	000	1,000	0	1,000	000	000	330,000	0	330,000
1991	330,000	000	000	0	000	1,000	0	1,000	000	000	330,000	0	330,000
1992	330,000	000	000	0	000	1,000	0	1,000	000	000	330,000	0	330,000
1993	330,000	000	000	0	000	1,000	0	1,000	000	000	330,000	0	330,000
1994	330,000	000	000	0	000	1,000	0	1,000	000	000	330,000	0	330,000
1995	330,000	000	000	0	000	1,000	0	1,000	000	000	330,000	0	330,000
1996	330,000	000	000	0	000	1,000	0	1,000	000	000	330,000	0	330,000
1997	330,000	000	000	0	000	1,000	0	1,000	000	000	330,000	0	330,000
1998	330,000	000	000	0	000	1,000	0	1,000	000	000	330,000	0	330,000
1999	330,000	000	000	0	000	1,000	0	1,000	000	000	330,000	0	330,000
2000	330,000	000	000	0	000	1,000	0	1,000	000	000	330,000	0	330,000
2001	330,000	000	000	0	000	1,000	0	1,000	000	000	330,000	0	330,000
2002	330,000	000	000	0	000	1,000	0	1,000	000	000	330,000	0	330,000
2003	330,000	000	000	0	000	1,000	0	1,000	000	000	330,000	0	330,000
2004	330,000	000	000	0	000	1,000	0	1,000	000	000	330,000	0	330,000
2005	330,000	000	000	0	000	1,000	0	1,000	000	000	330,000	0	330,000
2006	330,000	000	000	0	000	1,000	0	1,000	000	000	330,000	0	330,000
2007	330,000	000	000	0	000	1,000	0	1,000	000	000	330,000	0	330,000
2008	330,000	000	000	0	000	1,000	0	1,000	000	000	330,000	0	330,000

Groundwater Pumping in acre-feet

* Extrapolated between land use survey years 1951, 1952, and 1991, and crop report year 1970

PENGAD 800-631-6989
EXHIBIT
68
Scalmanini