

DRAFT

Sierra Lakes County Water District Consumption per Connection Calculation

Year	Annual Diversion (ac-ft)	Residential Equivalent Connections	Annual Use per Connection (ac-ft)	Comments
1973	48.7	211	0.23	
1975	39.8	234	0.17	
1977	48.9	254	0.19	
1978	49.2	271	0.18	
1979	72.0	293	0.25	
1980	100.1	324	0.31	
1981	85.2	356	0.24	
1982	76.1	403	0.19	
1983	81.3	437	0.19	
1984	73.2	437	0.17	
1985	113.0	441	0.26	
1986	81.0	445	0.18	
1987	90.9	450	0.20	Average: 0.21 1973 through 1987
1988	85.2	458	0.19	Water Conservation Added to Ordinances
1989	86.5	473	0.18	
1990	70.3	480	0.15	
1991	81.4	515	0.16	
1992	82.7	542	0.15	
1993	95.8	580	0.17	
1999	106.4	655	0.16	
2000	119.4	665	0.18	
2001	148.2	697	0.21	
2002	146.7	701	0.21	
2003	132.9	702	0.19	
2004	108.7	704	0.15	
2005	97.9	735	0.13	
2006	119.7	760	0.16	
2007	115.1	780	0.15	
2008	104.9	788	0.13	Average: 0.17 1988 through 2008

Reduction of annual use since Water Conservation Included in District Code

0.21 - 0.17 = **0.04** x 788 connections **35.3** acre-feet of conservation

PRELIMINARY RESULTS