

## LOWER MOKELUMNE RIVER STEELHEAD

### *Population Estimate*

Electrofishing surveys were conducted from Camanche Dam downstream to the Woodbridge Irrigation District dam from January 2005 through February 2006. Naturally-produced steelhead were captured and most fish larger than 100 mm were PIT (Passive Integrated Transponder) tagged and released. We had an estimated population of 5,537 – 12,893 steelhead > 100 mm.

<b>SAMPLE DATE</b>	<b># CAPTURED</b>	<b># TAGGED</b>	<b>#RECAPTURED</b>	<b>POP. EST.</b>
Jan 25 – Feb 2	240	237		
Feb 28 – Mar 2	129	114	14	1,210 (±1,016)
Apr 25 – May 10	76	66	8	1,435 (± 1,265)
Jul 26 – Aug 2	144	121	7	4,445 (± 3,680)
Oct 12 – Oct 28	399	207	17	8,011 (± 4,235)
Feb 6 – Feb 28	223	0	14	
<b>TOTAL</b>	<b>1,211</b>	<b>745</b>	<b>60</b>	<b>9,215 (± 3,678)</b>

All fish recaptured were recaptured in the same reach as tagged. The longest period between capture and recapture was 399 days. Only one fish was recaptured twice.