



Tembladero Slough Flow Gage Installation

What is it?

The CCAMP program has partnered with the Elkhorn Slough Foundation to deploy a semi-permanent flow measuring device at the mouth of the Tembladero Slough. A Sontek acoustic Doppler current profiler was anchored in the Slough in early 2014. It reads current velocities and depth every 15 minutes. These data paired with bi-annual channel profiles are used to calculate flows (in cubic feet per second).

Why is it important?

The Tembladero Slough is the lower reach of several smaller watersheds, including Gabilan Creek, Natividad Creek, and Alisal Creek. Tembladero Slough is a large coastal waterbody that flows directly into the Old Salinas River estuary and also influences the water quality in Moss Landing Harbor, Moro Cojo Slough, and Elkhorn Sloughs. This large slough is not wadeable and it is very difficult to accurately model flows because the water is pumped for agriculture uses throughout the watershed.

How will this information be used?

- Data will be used in the development of Total Maximum Daily Loads.
- Data are used to update the online CCAMP data browser and the Central Coast Healthy Watersheds Project, which contains maps, charts, and summary statistics for all data collected by the program. The CCAMP website will also use this data to inform site specific [report cards](#). This website is publically available and used by multiple programs at the Water Board and can be viewed at the [CCAMP](#) website.