San Joaquin River Basin Rotational Sub-basin Monitoring: Cosumnes, Mokelumne, and Calaveras River Watersheds

What is it?

The purpose of this study was to identify current monitoring efforts within the watersheds as well as local water quality concerns, evaluate spatial and temporal trends of key constituents, and determine whether there is any evidence that beneficial uses are not being protected. This report presents the findings from one year of bimonthly water quality monitoring in the Cosumnes, Mokelumne, and Calaveras River watersheds.

Why is it important to the State?

The results in this report provide information to help determine whether beneficial uses are being protected in the Cosumnes, Mokelumne, and Calaveras River watersheds.

Why is it important to me?

While this report is intended for a technical audience, it provides information on issues that concern everyone. The monitoring was designed to address local watershed concerns, including impacts to recreation, aquatic life, irrigation supply, and drinking water beneficial uses.

How will this information be used?

The San Joaquin River Watershed supports multiple beneficial uses (e.g. Drinking Water, Aquatic Life, Irrigation Water Supply and Recreation). Data collected as part of this study provided background water quality information for inflows to the San Joaquin River and was assessed in combination with other available data during the development of the Clean Water Act Sections 305(b) and 303(d) Integrated Report for the Central Valley Region (CVRWQCB, 2009), which assessed overall water quality within the

Central Valley of California and also identified impaired waterbodies (waterbodies not meeting their beneficial uses designations). The findings within this report also can help determine future program design by focusing resources toward identified concerns.

To learn more about this project click here.

Photograph of the North Fork Mokelumne River