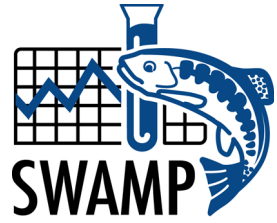


Sac. Monitoring



2009 SWAMP Achievements Report

Sacramento Watershed Coordinated Monitoring Program

What is it?

The Sacramento Watershed Coordinated Monitoring Program is a collaborative monitoring effort between the Central Valley Regional Water Board and the Department of Water Resources Northern District. This program will monitor and assess ambient water quality of the Sacramento River and its larger tributaries at forty-one sites on a quarterly basis. Samples will be collected and analyzed for water column toxicity, total organic carbon, nutrients, and E. coli. Additionally, eleven of the sites also will be evaluated for sediment toxicity.

Why is it important to the State?

This monitoring effort will address long term water quality issues and 303(d) reporting needs of the Northern Sacramento Watershed. The effort will provide critical water quality data needed to determine if stream and river conditions over time are getting generally better or worse. The two key SWAMP questions addressed in this Monitoring Program are:

1. What are the ambient water quality conditions and are current management activities protecting beneficial uses?
2. What does the evaluation of trends with respect to water quality and the biological communities tell us about the state of the watershed?

Why is it important to me?

For residents of Northern California, this study provides online access to data, often collected in the watershed of their own backyard. This allows residents to understand more about where their waters are safe and healthy and where more help is needed to keep them clean. It is easier for citizens to understand and advocate for clean water when it is clear to them where water quality is adequately maintained and where it is not.

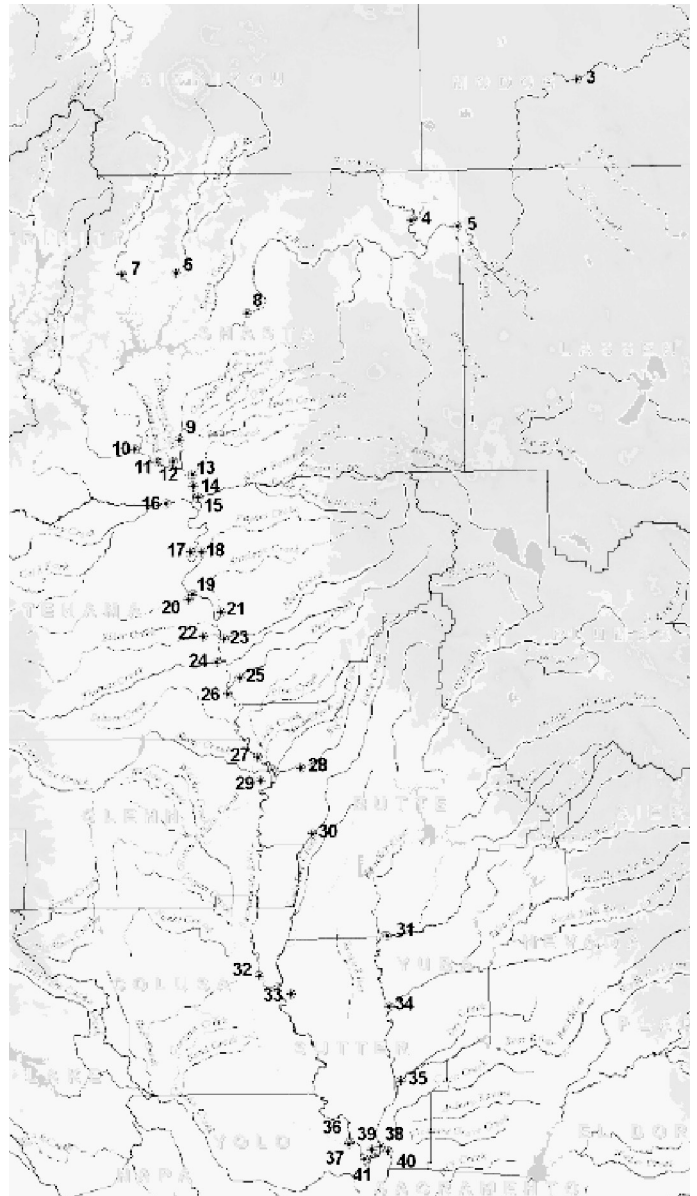


How will the information be used?

The primary objective is to provide information to the State Water Board and the Central Valley Regional Water Board to enable effective management of the State's water resources, for example determining if water quality parameters are meeting Basin Plan Objectives established by the Regional Water Board. This program will provide data to assess ambient water quality, water quality trends, and the effectiveness of management activities. This monitoring data also will be input into a database that is useful for determining long-term changes in water quality, as well as to determine effects from catastrophic events (e.g. flood, fire, landslides) and for water development planning.

Partners: Central Valley Regional Water Board,
Department of Water Resources Northern District,
SWAMP

To learn more about this project click here.



Map shows sampling locations for the Sacramento Watershed Coordinated Monitoring Program.

