



Surface Water Ambient Monitoring Program (SWAMP) Fact Sheet

Fiscal Year (FY) 19/20

Overview of the SWAMP Program

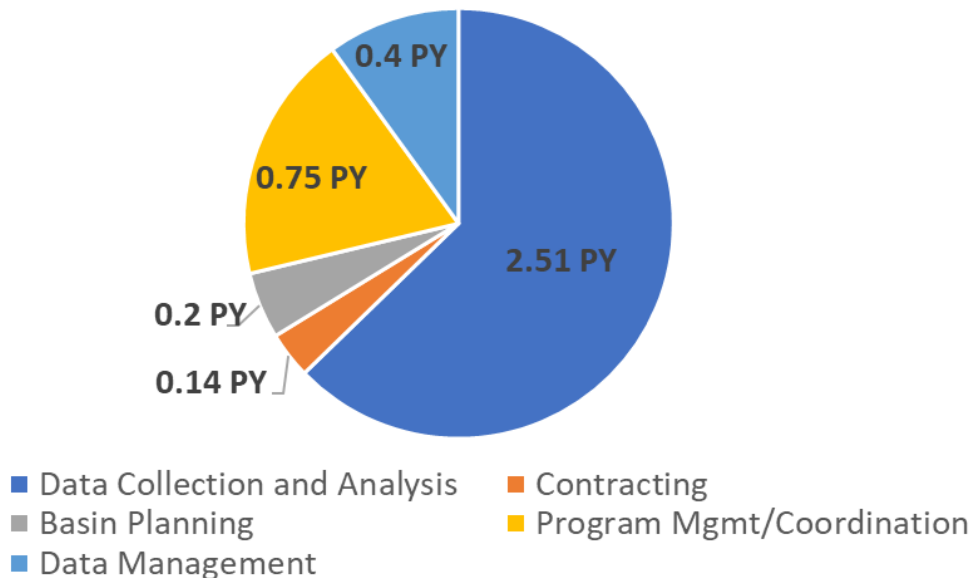
The California SWAMP was created to fulfill the legislative mandate for a unifying program that would coordinate all surface water quality monitoring conducted by the State and Regional Water Boards. The SWAMP program conducts water quality monitoring directly and through collaborative partnerships, and provides numerous reports, fact sheets and tools, all designed to support water resource management in California. SWAMP monitoring projects assess overall water quality status and trends, identify water quality problems and potential sources, and evaluate program effectiveness.

Program Goals

The Central Valley Water Board has four overarching goals for its SWAMP efforts; 1) Evaluate ambient water quality, beneficial use protection, and potential sources of impairment; 2) Evaluate effectiveness of the Water Board water quality improvement policies; 3) Coordinate internal and external monitoring efforts to leverage limited resources, and; 4) Ensure timely availability of monitoring results.

Resources

SWAMP PY Breakdown



FY 18/19 Accomplishments

- Continued ongoing monitoring of *E.coli* in the Lower American River to evaluate the protection of recreational beneficial uses, and posted weekly results to an online map.
- Coordinated with local agencies to develop a pathogen source identification monitoring design for the Lower American River.
- Conducted post-fire monitoring in the upper Butte Creek Watershed (near the town of Paradise) after the Camp Fire to assess potential impacts to drinking water supplies and wildlife habitat.
- Supported targeted toxicity monitoring in the Delta to assess impacts of current use pesticides.
- Conducted summer recreational beneficial use assessments in the Lower Sacramento River and Upper San Joaquin River watersheds.
- Conducted initial bloom response monitoring as part of the California Harmful Algal Blooms (CHAB) Response efforts.

Priority Projects FY 19/20

- Initiate bacteria source identification monitoring in the Lower American River.
- Conduct summer recreational beneficial use assessments in the Stockton Urban Waterways and the Upper San Joaquin River watershed.
- Continue to support toxicity monitoring in the Delta and nutrient monitoring for the Delta Nutrient Research Plan.
- Conduct sediment toxicity sampling in the Camp Fire area to evaluate potential long-term impacts to the environment.
- Support a study that will establish sentinel non-perennial stream sites in the Sierra Nevada to assess reference conditions and evaluate how varying flow conditions affect biology and water quality.
- Continue to support initial Harmful Algal Bloom response monitoring.
- Restart the long-term coordinated trend monitoring project in the Sacramento River Watershed in collaboration with the Department of Water Resources.