

SCCWRP # 1029

2017 Report on the SMC Regional Stream Survey

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EXECUTIVE SUMMARY

The SMC is a coalition of multiple state, federal, and local agencies that works collaboratively to improve the management of stormwater in southern California. SMC members include regulatory agencies, flood control districts, and research agencies: County of Los Angeles Department of Public Works, County of Orange Public Works, County of San Diego Department of Public Works, Riverside County Flood Control and Water Conservation District, San Bernardino County Flood Control District, Ventura County Watershed Protection District, City of Long Beach Public Works Department, City of Los Angeles Department of Public Works, California Regional Water Quality Control Board—Santa Ana Region, Los Angeles Region, and San Diego Region, State Water Resources Control Boards, California Department of Transportation, and the Southern California Coastal Water Research Project (SCCWRP). In addition, the SMC collaborates with the U.S. Environmental Protection Agency Office of Research and Development. For more information, visit the SMC webpage at <http://socalsmc.org/>.

The SMC has conducted a probabilistic survey of streams in the South Coast region since 2009. The goals of this survey are to provide the technical foundation for scientifically sound management of stormwater by answering three questions that provide context for evaluating site conditions:

1. What is the biological condition of streams in the South Coast region?
2. What stressors are associated with streams in poor condition?
3. Are the conditions of streams changing over time?

The first five-year cycle of survey took place between 2009 and 2013. The results of the first cycle are summarized in a report available on the SMC website. The survey continues with a new cycle that spans from 2015 to 2019, evolving to address new questions. This report summarizes the status of the survey and describes major developments and accomplishments that occurred in 2016. A comprehensive report will be released after completion of the fifth year of the current cycle.

Full Text

http://ftp.sccwrp.org/pub/download/DOCUMENTS/TechnicalReports/1029_2017SMCReport.pdf