

CA B-WET FY14: Santa Barbara Channel Bay Watershed

GRANT RECIPIENT	PROJECT DESCRIPTION	FUNDED AMOUNT
Oak Grove School (Student)	<p>"The Story of Our Steelhead" – Students in 4th, 5th and 6th grades will engage in a three part learning experience with restoration and stewardship of the Ventura River watershed. Students will follow steelhead salmon through the watershed, estuary and marine environments, learning about its role as an indicator species and the impacts of human influences. Students will perform data collection, observation and hands-on restoration. Students in the 5th grad will also learn about emerging marine issues which threaten our coastal resources, such as marine debris. Students in the 6th grade will study issues surrounding removal of the Matilija Dam.</p>	\$56,478
California State University Channel Islands (Student)	<p>"Crossing the Channel: An Inquiry Based Expedition" – This year long project builds upon existing interdisciplinary and collaborative projects to cultivate a new community of Channel Islands stewards and transform the learning experiences of local students by building a collaborative professional network of local resources. College undergrads doing their senior capstone from Environmental Science and Resource Management and Biology will mentor younger students as they investigate, collect, and map watershed characteristics of area, topography, vegetation, and land-use of the Ventura River and Santa Clara River watersheds on the mainland and Water NOAA California Bay Watershed Education and Training Program Canyon on Santa Rosa Island. Students will use LiMPETS monitoring protocols for a long term intertidal monitoring project which includes historical data and their new data to examine connections between mainland and island intertidal habitats. Students and faculty will perform research upon the RV Searwater examining water quality using ROVs.</p>	\$59,716
Santa Barbara Museum of Natural History (Student)	<p>"From Side Streams to Sea: The Health of a Watershed and Santa Barbara Watershed Education Assessment" - The year-long Side Creeks to Sea program works with students who are socio-economically disadvantaged and whose schools are proximate to a local creek. Students will learn the connection between human generated litter/debris and impacts on the watershed/estuaries and ocean through at least three field experiences and one class session. Three major components of personal responsibility will come out for students: My choices matter; What I do impacts health of the ocean & Ocean health impacts me. Students will observe & record biotic and abiotic factors affecting Mission Creek (near Museum) with an assessment of vegetation, pools & riffles, pollution, debris and bank erosion. Students will conduct water quality assessments and record data for analysis. There are additional field trips to the Ty Warner Sea Center for a watershed walk and data collection, and a kayak trip in the harbor which combines a visual debris survey with gaining understanding of natural water conditions in the harbor followed by water quality tests on the shoreline. The SB Watershed Education Assessment project is designed to collaborate on and maintain a master plan for watershed and coastal health in the Santa Barbara area. SBWET members will also examine their programming and link to Common Core standards and NGSS with experts in the standards helping to align programming, this collaborative includes 14 member organizations and will host a workshop on program evaluation and eliminating program overlap.</p>	\$54,460