

CALIFORNIA COASTAL COMMISSION

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The Staff Recommendation below was approved by the Commission at the March 2009 Commission meeting.

February 27, 2009

W26a

FROM: Peter Douglas, Executive Director
 Susan Hansch, Chief Deputy Director
 Christiane Parry, Public Education Program Manager
 Sylvie B. Lee, Grants Program Coordinator

SUBJECT: Proposed Awarding of Funds from Sales of the WHALE TAIL License Plate – Competitive Grants Program (for Coastal Commission Meeting on Mar. 11, 2009)

SUMMARY OF STAFF RECOMMENDATION: Approve 24 grants, which total \$406,000.

Youth programs (totaling \$335,202):

- Boys & Girls Clubs of Tustin (\$26,700)
- California State University, Fullerton (\$41,500)
- Camino Nuevo Charter Academy (\$5,000)
- Central Coast Natural History Association (\$9,918)
- Chula Vista Elementary School District (\$22,454)
- Del Norte County Unified School District (\$9,998)
- Glenwood Elementary School (\$9,363)
- Golden Gate Audubon Society (\$7,500)
- KIDS for the BAY (\$26,000)
- Monterey Bay Aquarium (\$35,000)
- Newport Bay Naturalists and Friends (\$9,900)
- Orange County Coastkeeper (\$15,120)
- Pacific Marine Mammal Center (\$9,975)
- Point Reyes National Seashore Association (\$16,000)
- San Mateo County Resource Conservation District (\$9,999)
- Stewards of the Coast and Redwoods (\$8,208)
- Surfrider Foundation, West Los Angeles/Malibu Chapter (\$39,135)
- The Watershed Project (\$25,000)
- Wiyot Tribe (\$8,432)

Programs for the general public (totaling \$42,798):

- Keep California Beautiful (\$9,840)
- National Marine Sanctuary Foundation (\$15,000)
- Sequoia Park Zoo Foundation (\$17,958)

Adopt-A-Beach programs (totaling \$28,000):

- El Dorado Nature Center/Partners of Parks (\$5,000)
- Pacifica Beach Coalition (\$23,000)

Subtotal small grants (under \$10,000): \$103,133 (25%)

Subtotal large grants (\$10,000 - \$50,000): \$302,867 (75%)

Motion: I move that the Commission approve the 24 competitive grants recommended by staff for WHALE TAIL License Plate funding (FY2008/09), and authorize the Executive Director to enter into the appropriate agreements.

Introduction

The Coastal Commission's WHALE TAIL License Plate was established as a mechanism through which the public can contribute funds to coastal and marine education programs in California. For each new plate that is sold, approximately \$15.00 is deposited in the California Beach and Coastal Enhancement Account (CBCEA). Annual renewal fees deposit \$20.00 per plate into the account. A portion of sales and renewal fees of the Whale Tail Plate also are deposited in the Environmental License Plate Fund (ELPF), which supports environmental programs in other state agencies. According to DMV reports, as of January 2009 a total of 179,325 WHALE TAIL Plates have been sold. Sales and renewal fees (plus miscellaneous other small fees) have contributed \$13.6 million to the CBCEA, and \$31.9 million to the ELPF. The additional fees that are charged for personalized plates go to the ELPF.

Update Regarding the WHALE TAIL License Plate

The WHALE TAIL License Plate is currently in the process of being redesigned. Due to a dispute with Wyland, the artist of the original design, the Coastal Commission launched a contest for individuals to submit a new design featuring a California coastal motif that includes a whale tail. The contest deadline was January 15, 2009. The Commission staff is working with design and marketing professionals to review and narrow down the entries. Future judging rounds will include DMV and CHP personnel. A new design is expected to be selected by June 2009.

Targeted Grants for FY 2008/09

At its September 2008 meeting, the Commission voted to allocate the \$743,000 FY 2008/09 grantmaking budget as follows: six targeted grants totaling \$314,000, a temporary reserve of \$25,000, and the remaining \$404,000 for the competitive grantmaking program. For a listing of those six targeted grants, and all other grants that have been funded through sales of the Whale Tail License Plate, see Attachment A.

At that time, the Commission also voted that in the event one of the targeted grantees did not need all the funds being allocated, the Executive Director could reallocate the remaining money to the temporary reserve, or else to the competitive grants budget. Of the targeted grant funds, \$2,000 ended up not being needed, so that amount has been reallocated to the competitive grants budget, increasing the total amount available for competitive grants to \$406,000. Staff will request that the Commission approve allocation of the \$25,000 temporary reserve later this fiscal year.

The Competitive Grants Program for FY 2008/09

The Whale Tail Competitive Grants Program offers the following three funding subcategories: a) coastal and marine outreach and education for *youth*; b) coastal and marine outreach and education, as well as beach and other coastal habitat improvement activities, for adults and the *general public*; and c) strengthening and innovating year-round *Adopt-A-Beach* programs.

The staff began publicizing the grant program in September. The deadline for submittal of grant applications was November 15, 2008. Applicants could request any amount up to \$50,000, and between 25 and 50 percent of the grant funds are to be allocated in small grants of up to \$10,000.

Limited Amount of Whale Tail License Plate Funds

The staff received 144 grant applications requesting a combined total of \$3,277,045, which equals eight times the amount of funding available. The grants being recommended here fully distribute this year's competitive grants budget. The number of recommended grants totals just 16 percent of the number of proposals submitted. Attachment B is a list of the applicants, project titles and amounts requested for all grant proposals submitted for this funding cycle.

Selection Criteria

The staff evaluated the applications using the following criteria, approved by the Commission in 1998:

1. ***Educational (or Coastal Habitat Improvement) Component:*** Projects funded under this program should have a strong, high-quality educational or habitat improvement component involving the marine or coastal environment. Projects that reach audiences that are not otherwise reached (greater need) are especially encouraged.
2. ***Project Concept:*** We seek sound, creative, innovative and cost-effective approaches that are potentially expandable or applicable in other geographic areas.
3. ***Proposal Content:*** The proposal itself should demonstrate that the concept has been fully thought out and developed into a concrete project with clearly stated goals, objectives, project design, method of implementation and evaluation, and accurate cost information. The organization's track record and the likelihood that a project will be successful are also considered. Staff also looked for projects that would have a life beyond the term of the grant, and projects that were geographically distributed throughout the state.

Staff Recommendation

The staff recommends that the Commission fund the 24 programs listed below (\$406,000 total).

Staff Recommendations for Competitive WHALE TAIL Grant Awards FY 2009/10

1. Boys & Girls Clubs of Tustin \$26,700

Project Title: SeaTech Program

Project Location: Tustin

Project Timeline: June 2009 to September 2010

Total Project Budget: \$60,950

Estimated number of people served by the project: 150

The Boys & Girls Clubs of Tustin is attended by diverse, underserved youth, including some who come from a school for students that lack stable or any housing. The Boys & Girls Clubs is requesting funding to implement the SeaTech program for some of its members in grades 8-10 as well as SeaTech's introductory program, Ultimate Oceans, for members in grades 4-7. SeaTech was created by the Ocean Institute in Dana Point for the National Science Foundation and the Boys & Girls Clubs of Tustin in one of the first Boys & Girls Clubs piloting the program.

Ultimate Oceans would be provided to participants every week for 22 weeks during the school year and 10 weeks during summer. Up to 120 youth would rotate through different sessions combining science (learning about the four different habitats of the ocean, adaptations, and the scientific method); art (drawing and painting the ocean and marine life, making collages); and technology (using digital cameras and software to take images and manipulate them). They would also take several field trips to the Ocean Institute.

The SeaTech Teen Club would be offered every week for 24 weeks during the school year. Up to 30 Club members would learn about ocean science, study bioacoustics and build hydrophones, and interview researchers to learn about marine science and technology careers. Once a month they would take a trip, sometimes to a location such as an aquarium or the Scripps Institution of Oceanography, and often to the Ocean Institute for programs such as the Living Systems Lab and a Marine Mammal Cruise. At the Ocean Institute they would also attend a weeklong SeaTech Academy and participate in internship trainings on exhibit facilitation.

2. California State University, Fullerton

\$41,500

Project Title: *“The Ocean Rocks!”*

Project Location: *Anaheim*

Project Timeline: *April 2009 to February 2010*

Total Project Budget: *\$50,000*

Estimated number of people served by the project: *4,200 students + 60 teachers*

“The Ocean Rocks!” is a collaboration between the science education program at California State University, Fullerton and Anaheim Union High School District. The nonprofit CSU Fullerton Auxiliary Services Corporation would serve as the fiscal agent for the project.

In the project’s component for students, a high school science curriculum would be developed for eight different Anaheim high schools studying earth science, oceanography, or environmental science. This curriculum would teach plate tectonics and geologic processes through an in-depth study of the sea floor that would include examining the role of carbon in the marine environment and the effects of higher levels of carbon dioxide in the atmosphere. All students would take part in a two-hour laboratory on either coring, seismology, local underwater geology, or plankton. In addition, 60 earth science students would participate in a research cruise led by the Ocean Institute and use sonar, a gravity corer, and an ROV. They would retrieve a core sample, sieve sediment for microfossils, survey the sea floor, and collect data for later study. They would learn how scientists reconstruct global carbon levels and past climate patterns using underwater archaeology.

In a component for teachers, 35 high school teachers and 25 adults studying to become science teachers at CSU Fullerton would participate in the same research cruise before the students do. They would also attend a planning session and professional development session in which they would learn pre-field trip activities, how the field trip aligns with State Science Content Standards, and ways to support students in developing post-field trip presentations.

The Anaheim Union High School Districts expects the new curriculum to be used for years to come. The curriculum would also be available to other teachers via the Ocean Institute’s website.

3. Camino Nuevo Charter Academy

\$5,000

Project Title: *“Catalina, Here We Come!”*

Project Location: *Los Angeles*

Project Timeline: *March 2009 to June 2009*

Total Project Budget: *\$7,526*

Estimated number of people served by the project: *30 core students + 250 others*

Camino Nuevo Charter Academy is located in the Westlake neighborhood of Los Angeles, an area with a high population density, a high percentage of immigrants, and a high poverty rate. Most of the students have never ventured outside of Los Angeles. A seventh grade teacher at the school is proposing to bring 30 life science students to Santa Catalina Island for a three-day program at USC’s Wrigley Marine Institute. Activities at the Institute would include a plankton laboratory, fish dissection, touch tank activity, survey of the intertidal zone, day hike, night hike, conservation awareness project, and snorkeling excursion.

The youth would continue their studies after returning to school, when they would choose one topic they were exposed to on Catalina Island and research it further. They would write a paper and make a presentation at an event for families at the end of the school year. They would also participate in the school’s “Science Ambassadors” program during the following school year. In this program, the new eighth grade students who previously went to Catalina Island teach science lessons based on what they learned on the trip to elementary students. Approximately 250 other children would be reached through the Science Ambassadors program.

4. Central Coast Natural History Association \$9,918

Project Title: *Middle School Marine Science Project*
Project Location: *Los Osos*
Project Timeline: *April 2009 to June 2010*
Total Project Budget: *\$22,617*
Estimated number of people served by the project: *500*

The Central Coast Natural History Association is a nonprofit cooperating association for California State Parks San Luis Obispo Coast District. It provides support for educational and interpretive programs about the resources of the state parks in the region. In this project, the Association would develop and implement five different field trip programs for students in seventh grade who are required to learn about evolution, cell biology, and geology. The Association would address these topics through education about Montaña de Oro State Park and the Morro Bay National Estuary. The pilot for the project would serve students at Los Osos Middle School.

The five different programs to be offered would be: geophysical features, marine ecosystems, and plant communities along the Montaña de Oro Bluff Trail; plant evolution and comparative anatomy of marine mammals at the Morro Bay Museum of Natural History; cell biology at the Morro Bay Coast Guard dock (for a plankton pull) and the Morro Bay Community Center (for using microscopes); coastal geologic processes at Montaña de Oro State Park; and estuary systems at the Morro Bay salt marsh and Museum of Natural History.

The students would be divided into five groups and each group would do one two-hour program. They would then return to school and develop presentations about their activities for the other groups. After completion of this pilot project, the Association plans to offer the programs to other seventh grade students from San Luis Obispo and Kern counties.

5. Chula Vista Elementary School District \$22,454

Project Title: *Chula Vista Nature Center Coastal Science Education Program*
Project Location: *Chula Vista*
Project Timeline: *May 2009 to June 2010*
Total Project Budget: *\$114,936*
Estimated number of people served by the project: *2,520*

The Chula Vista Nature Center is located at Sweetwater Marsh National Wildlife Refuge in southern San Diego County. It exhibits plants and animals native to San Diego Bay and to wetland habitats. The Nature Center is operated by the City of Chula Vista but a separate entity, the Chula Vista Elementary School District, funds a full-time Science Resource Teacher at the Center in order to offer an on-site science program to its students. The science program provides coastal education to students in all elementary grade levels and is integrated with the rest of the students' science education curriculum. Each grade level receives a separate program. The many topics covered include the life cycles of crabs and snakes for preschoolers and kindergarteners, adaptations of birds in second grade, studying crustaceans in third grade, looking for animal footprints and burrows while learning about the food chain of the marsh for fourth graders, marsh restoration for fifth graders, and plankton and watershed studies for sixth graders.

Due to increasing financial constraints, the Chula Vista Elementary School District is reducing its financial support of the Resource Teacher's position and requiring that other sources of funding begin to support that position too. The District is seeking a Coastal Commission grant to pay for ten percent of the Resource Teacher's personnel costs during the coming year. The District is also requesting funding for bus transportation to the Nature Center for ninety fourth and fifth grade classes from Chula Vista's most underserved schools.

6. Del Norte County Unified School District

\$9,998

Project Title: Redwood Coast Curriculum Project
Project Location: Del Norte County
Project Timeline: March 2009 to December 2009
Total Project Budget: \$9,998
Estimated number of people served by the project: 670

The Del Norte County Unified School District serves schools in Crescent City and smaller communities in the far northwest of California, where over 70 percent of elementary school families are considered low-income. The Redwood Coast Curriculum Project targets the fourth, fifth, and sixth grade students in the school district, in order to instill an awareness and appreciation of the natural world around them, and in particular, of their local watersheds and the coastal redwoods. The project would be conducted with the participation of Redwood National and State Parks (RNSP) educational staff.

In this project, each grade level would focus on different topics and activities. Students in the fourth grade would study watersheds and the life cycle of the salmon and would visit Howland Hill Outdoor School. Fifth grade students would learn about evaporation and condensation, endangered species, and ocean influences on the weather, and they would visit the beach with a park ranger, where they would also conduct a beach cleanup and scavenger hunt. Sixth grade students (along with some different fifth graders who are in combined classes together) would spend three days at the Wolf Creek Outdoor School and study watersheds, endangered species, geography, and the influences of climate change on the local ecosystem. In all grade levels, field trips would be preceded by in-class activities and discussions that teachers would learn about from the RNSP staff. In addition, after the field trips, all students would be required to complete written or oral presentations to reflect on their studies.

7. Glenwood Elementary School

\$9,363

Project Title: Marine Ecology and Environmental Studies
Project Location: Sacramento
Project Timeline: April 2008 to June 2008
Total Project Budget: \$16,000
Estimated number of people served by the project: 60

The students who attend Glenwood School live in Sacramento. Over 90 percent of them are ethnic minorities, 85 percent of them are considered low-income, and 61 percent are learning English as a second language. The students in the sixth grade class are learning about topics such as marine ecology, pollution prevention, wetlands, watersheds, and the connection between the Sacramento River delta and the coastal environment. They will also participate in community cleanup activities and think about ways to minimize their environment footprint in their community and at home.

In addition to these activities, the sixth grade students would like to attend the field science education program at the Headlands Institute in Marin County. This intensive program includes staying over for three nights and examining different topics such as marine science, coastal ecology, people's relationship to the coastal environment, and environmental stewardship. A grant from the Coastal Commission would pay for part of the cost of attending and traveling to the field science program at the Marin Headlands.

8. Golden Gate Audubon Society

\$7,500

Project Title: *Eco-Richmond Environmental Education Program – Marine Ecology Program*
Project Location: *Richmond*
Project Timeline: *May 2009 to April 2010*
Total Project Budget: *\$166,460*
Estimated number of people served by the project: *150*

Golden Gate Audubon Society operates the Eco-Oakland Environmental Education Program in the inner-city community of East Oakland. A component of this program previously supported by the Coastal Commission was the Marine Ecology Program for elementary students and their parents. Golden Gate Audubon is now requesting support for the expansion of the program into the high-risk, underserved community of North Richmond. While the Environmental Education Program has already begun operating in Richmond, Golden Gate Audubon is seeking funding to add the component known as the Marine Ecology Program.

In the Environmental Education Program, presentations in elementary classrooms cover watersheds, the importance of a healthy marsh, how pollution affects food chains in San Francisco Bay, and how the local community is connected to the marine environment. This program is offered in both English and Spanish. Funding from the Coastal Commission would support field trips to Point Pinole Regional Shoreline; after-school marine ecology programs for students and their parents; and weekend field trips to take the children and their families to coastal locations such as Muir Beach for interpretive hikes, tidepool research, beach cleanups, and lessons about marine wildlife and safe seafood consumption.

9. KIDS for the BAY

\$26,000

Project Title: *Watershed Action Program – Coastal Connections*
Project Location: *Oakland*
Project Timeline: *May 2009 to June 2010*
Total Project Budget: *\$94,000*
Estimated number of people served by the project: *240*

KIDS for the BAY is a project of the nonprofit umbrella organization known as Earth Island Institute. KIDS for the BAY collaborates with schools on environmental education projects by providing lessons in classrooms and leading field trips for students, thereby modeling activities for teachers and allowing them to get in-depth training alongside the children. Separate training meetings are also held for the teachers. The teachers continue the programs on their own in the future, receiving one year of additional follow-up support from program staff.

KIDS for the BAY is seeking funding to work with eight elementary classes in urban, underserved schools in the city of Oakland. The students would engage in hands-on classroom lessons where they would learn about their local watershed and how it connects with their local creek, the San Francisco Bay Delta Estuary, the Pacific Ocean, and the National Marine Sanctuaries just outside the Bay. They would learn about the animals that live in these different habitats, the storm drain system, the impacts of pollution, and how behavior changes can reduce the pollution that enters the storm drains. The students would conduct cleanup projects and recruit their fellow students and families to help. This program would also include field trips to creek, bay, or ocean sites, where they would use field journals tailored for each trip. The program would also feature student action projects in their local watershed such as urban creek restoration, watershed murals, water quality monitoring, or pollution prevention pledges to bring home to their families. All participating schools would be required to commit to integrating this program into their ongoing curriculum.

10. Monterey Bay Aquarium**\$35,000*****Project Title: Monterey Bay/Pajaro Valley USD Teacher Project******Project Location: Watsonville******Project Timeline: June 2009 to April 2011******Total Project Budget: \$829,840******Estimated number of people served by the project: 215 teachers/19,625 students***

The Monterey Bay Aquarium operates a small program at Pajaro Valley High School (PVHS) previously supported by a WHALE TAIL grant called WATCH—Watsonville Area Teens Conserving Habitats. WATCH is an intensive service learning program in which students learn about local environmental issues and conduct field work during the summer, then focus on a single issue and conduct a related conservation or educational outreach project during the school year. Now the Aquarium would like to lead a series of professional development workshops for teachers at different Watsonville schools and PVHS in order to broaden the program and integrate ocean conservation and science education across the District.

The Aquarium is proposing to lead a series of different teacher “institutes” developed by Aquarium educators and local teachers with the support of the District. The institutes would consist of a weeklong session during the summer and three day-long sessions during the school year, plus three days of customized on-site coaching for each teacher. Through these institutes, teachers would learn to integrate local environmental issues into their teaching, involve their students in conservation activities, and help their students understand their connection with their local coastal and marine environments and appreciate the importance of ocean conservation.

The Teacher Project would offer an institute for middle school teachers; a leadership institute to develop a corps of teacher leaders to mentor one another and share best practices; an institute to teach project-based learning to middle and high school teachers who would develop a science program that integrates Math and English; an elementary teacher institute; and two other institutes for elementary teachers focusing on the splash zone and coastal systems. They would be held over two years and serve 215 teachers, who would collectively be teaching an estimated 19,625 students during the project period.

11. Newport Bay Naturalists and Friends**\$9,900*****Project Title: Outrigger Canoe and “Our Wetlands, Our World” Program******Project Location: Newport Beach******Project Timeline: May 2009 to April 2010******Estimated number of people served by the project: 660***

The docents from the Newport Bay Naturalists and Friends regularly lead educational nature tours at Upper Newport Bay, both for adults from the general public and for young people from schools and various youth groups. The Naturalists and Friends would like to offer their field trip program free of charge to high school students from low-income communities in Orange, Los Angeles, Riverside, and San Bernardino counties.

The field trip program lasts for a full day and includes an educational tour of the wetland at Upper Newport Bay and observation of various different local and migrating birds there. In the morning, the students would paddle themselves up the Bay in outrigger canoes provided by the Newport Aquatic Center which is located on site. In the afternoon, the students would engage in an activity taken from the “Our Wetlands, Our World” curriculum. This curriculum contains information and activities to help high school students learn about watersheds, the ecology and importance of wetlands, human impacts on wetlands such as wetland loss and habitat degradation, and how to become involved in wetland restoration.

12. Orange County Coastkeeper

\$15,120

Project Title: Back Bay Eelgrass Project

Project Location: Newport Beach

Project Timeline: April 2009 to July 2010

Total Project Budget: \$36,850

Estimated number of people served by the project: 800

Orange County Coastkeeper (OCCK) is proposing a collaborative project with the California Department of Fish and Game (DFG) at the Back Bay Science Center (BBSC) to implement eelgrass restoration and research at Upper Newport Bay. The BBSC is a brand new facility operated by DFG and staff there are interested in figuring out how to restore eelgrass to the Bay. Staff there are also interested in adding an aquatic plant ecology program to the other education programs offered at the Center and this project would combine both elements.

In the research component of this project, OCCK would recruit a Technical Advisory Committee comprised of marine biology and aquatic vegetation restoration experts. Following the Committee's advice, OCCK and DFG would design troughs and water circulation systems for an eelgrass laboratory, choose sites for harvesting plants and seeds, decide which methods to use for eelgrass rearing, and develop a monitoring system. Staff would study the optimal conditions necessary for growing eelgrass in a lab and the possibility of successful eelgrass restoration at this site. In the education component, an aquatic plant ecology curriculum would be developed for students in junior high and high school life science and biology classes. The curriculum would cover the role of eelgrass in wetland ecosystems and human impacts on eelgrass loss and successful restoration. Students would also participate in the ongoing research through lab activities and monitoring. Targeted students would come from underserved schools in the local watershed including the cities of Santa Ana, Costa Mesa, and Orange. OCCK would also incorporate eelgrass education into a unit on wetlands already being offered through a separate high school watershed education program.

13. Pacific Marine Mammal Center

\$9,975

Project Title: Pinniped Pollution Project

Project Location: Laguna Beach

Project Timeline: June 2009 to May 2010

Total Project Budget: \$14,445

Estimated number of people served by the project: 500

The Pacific Marine Mammal Center is a nonprofit rehabilitation facility that rescues and treats stranded marine mammals and operates educational programs. Last year, the Center received a WHALE TAIL grant to support the Pinniped Pollution Project. This project has been operating successfully and met with such demand that all available spots were filled only 72 hours after they were announced. The Center is requesting a second grant to be able to offer the program to schools that were unable to participate during the first year.

In this program, students would learn how trash travels to the ocean, its effects on marine life, and how individual behavior can help eliminate the problem. They would observe sea lions recovering from pollution-related injuries, see the plastic stomach contents of a sea lion that once died of malnourishment, work with an interactive watershed model, play a shopping game to learn how to reduce consumer waste, and make reusable tote bags to carry their lunches. This grant would support hosting 15 classes of fourth- and fifth-graders from underserved schools in inland Orange County communities of Anaheim, Orange, Garden Grove, Fullerton, and Capistrano Valley.

14. Point Reyes National Seashore Association**\$16,000*****Project Title: Urban Youth Marine Science Education Program******Project Location: San Francisco Bay Area******Project Timeline: March 2009 to August 2009******Total Project Budget: \$69,500******Estimated number of people served by the project: 50***

As part of an effort to diversify its traditional user base, the Point Reyes National Seashore Association is requesting funding to introduce urban and under-represented youth from the San Francisco Bay Area to the Point Reyes National Seashore. This program would consist of three separate projects, each serving a different small group of youth.

In the first project, students from the Multicultural Institute in Berkeley would participate in an in-depth, two-week session at Point Reyes National Seashore. The students would conduct a research project on the native oysters of Tomales Bay in collaboration with researchers from the Bodega Marine Lab, learn wetlands ecology and help restore a wetland, and help with a coastal dune restoration as well. In the second activity, students from lower-performing schools in San Francisco would visit Point Reyes every weekend for four weeks for the Elephant Seal Education Project. They would attend lectures and learn how to identify and monitor elephant seals. They would collect data through their monitoring and analyze trends in the elephant seal colony at Point Reyes. And in the third activity, other urban San Francisco youth would take part in a week-long seminar at the National Seashore called the "Point Reyes Adventure." They would learn about intertidal marine life and ecology, marine protected areas, and ocean geography, and they would also conduct coastal habitat restoration work.

15. San Mateo County Resource Conservation District**\$9,999*****Project Title: Watershed Discovery Workshop******Project Location: Moss Beach, San Mateo County******Project Timeline: April 2009 to December 2009******Total Project Budget: \$38,574******Estimated number of people served by the project: 220***

In order to help young people develop a sense of responsibility and stewardship for an entire watershed, the San Mateo County RCD is planning full-day workshops about the land-to-sea connection for students in fifth grade. The students would begin their experience at Fitzgerald Marine Reserve at the mouth of San Vicente Creek. There they would learn about watersheds, nonpoint source pollution, resident wildlife, and the impacts of water quality on the marine life. They would also collect water samples from the surf zone. The students would then travel upstream to Moss Beach Ranch and learn about San Vicente Creek, its riparian zone, and best practices in ranching. The ranch has a water quality laboratory where the students would test their water samples for bacteria. At the ranch, they would also build a watershed model and observe what happens when rain flows down the watershed. To prepare for the workshop, participating classes would receive relevant educational videos and other materials beforehand, and they would receive a follow-up visit afterwards to review the results of their lab experiment.

Participants would come from San Mateo County schools, and half of them would be from underserved schools including two classes from East Palo Alto. In an additional service learning component, selected seventh grade students who previously participated in this program in the fifth grade would receive training and help deliver the program to the current fifth graders.

16. Stewards of the Coast and Redwoods **\$8,208**

Project Title: **Sonoma Coast Tidepool Education Program**
Project Location: **Sonoma County**
Project Timeline: **March 2009 to June 2010**
Total Project Budget: **\$14,002**
Estimated number of people served by the project: **1,500**

Stewards of the Coast and Redwoods is a nonprofit organization supporting education, volunteering, and stewardship programs in partnership with California State Parks Russian River District. Stewards already operates the Sonoma Coast Tidepool Education Program, which serves school groups at tidepools on the Sonoma Coast State Park beaches. These beaches receive over 3 million visitors each year and the school program is in high demand. Stewards is requesting a grant to serve 1,500 visiting students while strengthening the capacity of the volunteer docents who lead them.

Stewards is proposing to add to the existing Tidepool Education Program by developing a classroom component for docents to deliver in preparation for the students' visit. The teacher's manual would also be updated to include new curriculum content, interactive activities about life in tidepools for before and after their students' field trip, and information about beach and ocean safety. Stewards would increase the capacity of the trained volunteer docents by recruiting ten additional docents through greater outreach and updating the docents' resource manual. In addition, interpretive professionals would lead training seminars for the volunteers.

During the past year, the students who participated in the Tidepool Education Program represented diverse backgrounds and came from Sonoma County, Sacramento, Marin County, and the East Bay. Spanish language versions of educational materials are being developed and the methods used to recruit new docents would include advertising in a local bilingual newspaper.

17. Surfrider Foundation, West Los Angeles/Malibu Chapter **\$39,135**

Project Title: **Teach & Test Program**
Project Location: **Santa Monica**
Project Timeline: **March 2009 to May 2010**
Total Project Budget: **\$57,732**
Estimated number of people served by the project: **500 direct participants + community members**

“Teach & Test” is the Surfrider Foundation’s program teaching students about the importance of water quality and providing them with hands-on lab experience and a chance to make positive changes in their communities. The West Los Angeles/Malibu Chapter of Surfrider is seeking to establish a permanent ocean chemistry laboratory at Santa Monica High School and launch the Teach & Test Program in Los Angeles. Activities would be conducted in partnership with a marine biology teacher who is also involved with environmental stewardship activities for students.

In this program, students would be trained in water quality testing protocol, visit Santa Monica Bay four blocks away (and occasionally other locations), collect water samples, and test them in the laboratory. They would analyze the data, test hypotheses, make recommendations, and consider long- and short-term patterns in levels of bacteria, viruses, nutrients, and other pollutants. In a community outreach component, white boards at local shops would display the latest water quality findings. They would also share findings and pollution prevention tips with middle school science classes, fellow students, and possibly the general public through community newspaper contributions or other mechanisms. Related curriculum would cover topics such as water chemistry, nutrient cycling, biological accumulation, global climate change, toxicology, and statistics. This would be a collaborative program involving volunteers from school environmental clubs and university and staff from other nonprofits for leading presentations and lab instruction. The laboratory would be made available for water quality analysis by other organizations as well.

18. The Watershed Project**\$25,000**

Project Title: *Oysters on the Half Shell*
Project Location: *Richmond*
Project Timeline: *March 2009 to December 2009*
Total Project Budget: *\$145,636*
Estimated number of people served by the project: *750*

The nonprofit Watershed Project has a partnership with the San Francisco Bay Native Oyster Working Group, a collaboration between scientists from UC Davis, San Francisco State University, Richardson Bay Audubon Center, and an environmental consulting firm. The Working Group is determining the most effective ways to restore native oyster habitat, clarify the ecology of healthy oyster reefs, and involve the community in oyster reef restoration. Oyster beds used to cover tens of thousands of acres of the Bay and is important habitat for eelgrass, migrating salmonids, and spawning herring. The Watershed Project is seeking funding to support the community involvement component targeting the general public and students and their teachers.

For the general public, 200 volunteers would collect data to help the scientists and inform future restoration activities. They would create and deploy bags of oyster shells to be used for a reef for oyster larvae to settle upon. They would also determine the number and size of new oysters, their placement in the reef, and other species found in the reef too. Students would learn about oyster reefs, why oysters have been depleted, and what can be done to help. They would visit a restoration site and also help make bags of oyster shells. The Watershed Project would also offer a two-day workshop for 50 participating teachers and provide them with a resource binder with related lesson plans and activities. The 500 participating students would come from all grade levels in four Bay Area counties, with an emphasis on the city of Richmond, where the Watershed Project is located.

19. Wiyot Tribe**\$8,432**

Project Title: *“Wind to Whales” Marine Education Program*
Project Location: *Table Bluff Reservation, Humboldt County*
Project Timeline: *May 2009 to October 2010*
Total Project Budget: *\$34,978*
Estimated number of people served by the project: *20*

The Wiyot Tribe in Humboldt County is proposing to undertake a project in collaboration with faculty in the Chemistry Department at Humboldt State University. The project would serve young Native American tribal members enrolled at the local Boys & Girls Club. The project would operate over two consecutive summers.

During the first summer, the students would visit sand dunes, Trinidad State Beach, tidepools, the aquarium at Humboldt State University Marine Lab, and Patrick’s Point State Park. They would be guided through the scientific method and learn about air currents causing upwelling, erosion and sediment transport, the transport of nutrients, plankton, invertebrates, coastal and pelagic birds, and marine mammals. During the second summer, the program’s focus would be on water quality and ocean resource protection. The students would study the scientific properties of water, visit Arcata Marsh and its interpretive center and learn how wetlands naturally clean water, learn about ocean pollution and test water quality, conduct a beach cleanup, and also help restore sand dunes. The overarching goal of the program is to provide the youth the opportunity to learn about their local coastal and marine environment, generate an enthusiasm for science, and foster environmental stewardship.

20. Keep California Beautiful **\$9,840**

Project Title: *Beach Litter Reduction Outreach*
Project Location: *Monterey and Long Beach areas*
Project Timeline: *April 2009 to December 2010*
Total Project Budget: *\$1,022,375*
Estimated number of people served by the project: *tens of thousands*

Keep California Beautiful (KCB), a chapter of Keep America Beautiful, works to engage Californians in community cleanup, beautification, and enhancement projects, and recently has been focusing on source reduction, recycling, and volunteer cleanup activities. KCB is seeking funding to complete the production of a 60-second television public service announcement (PSA). The PSA is in the format of a humorous musical calling attention the problem of beach litter. A grant would also fund billboard and bus shelter advertisements as part of the same campaign.

These media pieces would accompany a recycling awareness campaign in Long Beach, where the public will be informed of trash and recycling programs and decals of “Can It!” logos will be placed on beachside recycling bins. They would also accompany a campaign in Monterey, where the public will be informed about environmental events, pollution prevention strategies, and local cleanup activities they can join. Both campaigns would be launched with kick-off events to generate public awareness of the need to prevent littering and to encourage increased volunteerism.

Most of the costs of this project are being donated in-kind by the PSA production company and others. Keep California Beautiful is requesting a grant to be able to provide the rest of the funds it needs to complete the project’s components.

21. National Marine Sanctuary Foundation **\$15,000**

Project Title: *California "Thank You Ocean" Campaign Outreach to Spanish Speakers*
Project Location: *Statewide*
Project Timeline: *April 2009 to April 2011*
Total Project Budget: *\$426,000*
Estimated number of people served by the project: *thousands*

The California “Thank You Ocean” Campaign is a collaboration between the NOAA Office of National Marine Sanctuaries and the State of California. The campaign is a call to action for Californians to protect the coast and ocean through everyday activities. It raises awareness about the benefits that the ocean provides to people and the fact that the ocean needs protection from people who ought to “return the favor.” The National Marine Sanctuary Foundation serves as the fiscal agent for the project.

This campaign has a website at www.thankyouocean.org. The website is a key component to the campaign and received over 10,000 visitors during the past year. The various elements of the campaign such as billboards and public service announcements all direct viewers to this website, where people can access information on a wide variety of topics such as volunteer opportunities with environmental groups, pollution prevention strategies, sustainable seafood choices, coastal access opportunities, tidepool etiquette, or locations of aquariums in California.

While some elements of the campaign have previously been translated into Spanish, the website has not. As part of other redesigns to the website already underway, the campaign would like to translate the content into Spanish in order to reach a broader segment of the population. The translation would be accompanied by the addition of other culturally appropriate interactive features. After the initial translation is complete, future upgrades to the website would also be translated into Spanish as they occur.

22. Sequoia Park Zoo Foundation \$17,958

Project Title: *Exhibit about Urban Impacts on Anadromous Fish of Humboldt Bay*
Project Location: *Eureka*
Project Timeline: *March 2009 to November 2009*
Total Project Budget: *\$20,658*
Estimated number of people served by the project: *100,000/year*

The Sequoia Park Zoo is a small, accredited zoo operated by the City of Eureka and supported by the Sequoia Park Zoo Foundation. It is visited by over 100,000 people each year. The Foundation is seeking funds to develop a new interactive exhibit about the salmonid species found in Humboldt Bay, their dependence on clean water, and ways in which people can keep urban waterways healthy for the fish.

The exhibit would feature four large salmonid replicas hanging from the ceiling: a Chinook salmon, a Coho salmon, a Coastal Cutthroat trout, and a Steelhead trout. The exhibit would also include interpretive signage and an “interactive field research station.” At this station, visitors would be able to use a microscope and hand lenses to view freshwater plankton and macro-invertebrates, along with identification cards and information about how they support the salmonid food chain. There would also be an interactive sign teaching visitors how to be “Salmon Savers,” with tips such as avoiding herbicides, reducing impervious surfaces, avoiding disturbing soil during the rainy season, fixing leaky cars, directing roof runoff to landscaped areas, and volunteering for local habitat restoration projects. In a related component, different existing curricula about salmon and watersheds would be linked to the Zoo’s website so the public could learn more.

23. El Dorado Nature Center/Partners of Parks \$5,000

Project Title: *Adopt-A-Wetland*
Project Location: *Long Beach*
Project Timeline: *April 2009 to June 2010*
Total Project Budget: *\$10,000*
Estimated number of people served by the project: *200-250*

The El Dorado Nature Center is a facility operated by the City of Long Beach. The Center’s staff serve as Adopt-A-Beach manager as well as Coastal Cleanup Day coordinator for the Long Beach area. The nonprofit Partners of Parks functions as the fiscal sponsor for the Center as well as for other programs of the City’s Parks & Recreation Department.

The El Dorado Nature Center currently operates an Adopt-A-Wetland program at four different wetlands in Long Beach. Each month, one of those wetlands gets cleaned by volunteers who remove litter. The staff is proposing to re-focus the program so that the monthly cleanups would occur solely at one of those wetlands, Golden Shore Marine Reserve. In order to keep the wetland even cleaner, the staff is proposing to install a tide slide on the existing trash boom to more effectively prevent the influx of trash when the tide moves in. And finally, the staff is proposing to recruit 200-250 local high school students to adopt the wetland as a community service project.

The local high school students would commit to cleaning Golden Shore Marine Reserve once a month for six months. While doing so, they would earn credit for community service hours required for graduation, and they would learn from an environmental education curriculum to be developed. The curriculum would cover the history of the Golden Shore Marine Reserve, why wetlands are important, why they are disappearing, how to identify birds, and how long trash takes to decompose. In addition, an estimated 10-20 of those students would complete a final project-- to write a report about wetland conservation and outline a wetland conservation action plan.

24. Pacifica Beach Coalition**\$23,000*****Project Title: Cleaner Pacifica, Healthier Ocean******Project Location: Pacifica******Project Timeline: June 2009 to April 2010******Total Project Budget: 36,035******Estimated number of people served by the project: 500***

The Pacifica Beach Coalition (PBC) coordinates the Adopt-A-Beach program and Coastal Cleanup Day for Pacifica in San Mateo County. A nonprofit organization called Pacifica's Environmental Family serves as the Coalition's fiscal sponsor. The Coalition would like to expand the Adopt-A-Beach program to include participants from the city's different after-school programs (ages 6-14), 60 percent of which receive subsidies in order to attend. The city and community leaders in charge of the after-school programs already support the idea. With this expansion, the youth in after-school programs, who number over 500, would take part in the Adopt-A-Beach program while they learn about threats to a healthy marine environment, environmental stewardship, and how adopting a beach benefits the coast. Educational presentations would be made at the schools, in the school yards, and at the beach.

PBC is also requesting some funding for recruiting more participants from the general public for the Adopt-A-Beach program. A portion of this grant would support increased publicity for the Adopt-A-Beach program and Coastal Cleanup Day as well. Publicity would include installing Adopt-A-Beach signs (similar to Adopt-A-Highway signs) to recognize groups adopting the different stretches of beach, as is currently being done in San Diego and Santa Cruz counties.

Attachment A:

Grants Approved to Date From Sales of Whale Tail License Plate

Fiscal Year	Targeted Grants	Competitive Grants: Whale Tail Grants for Coastal Education	Competitive Grants: Adopt-A-Beach Grants
<p>1998/1999 \$130,000 Total</p> <p>Funds avail. for targeted grants: \$87,000</p> <p>Funds avail. for competitive grants: \$43,000</p> <p>Requests received: 88 totaling \$578,441</p>	<p>California State Parks Foundation for Coastal Cleanup Day mini-grant program \$11,500</p> <p>Malibu Foundation and I Love a Clean San Diego for Adopt-A-Beach School Assembly Program and Earth Day Kids' Cleanup Program in LA, SF and San Diego \$28,000</p> <p>Foundation of California State Monterey Bay for start-up funds for S.E.A. Lab, Monterey Bay \$25,000</p> <p>Los Angeles County to purchase nine beach wheelchairs \$22,500</p>	<p>Cal. State Parks and Recreation Ventura Junior Lifeguards for the Channel Islands Coastal Experience Camp for "At Risk" Youth \$6,238</p> <p>Slide Ranch for the Kid's Ecology Learning Project (KELP), Muir Beach, Marin County \$10,000</p> <p>Palisades Charter High School for its Marine Education and Advocacy Program, Los Angeles \$2,417</p> <p>Surfrider Foundation, Santa Cruz Chapter for its Education Outreach Expansion Program \$4,345</p>	<p>Yosemite National Institutes for its Adopt-A-Beach Program in the Marin Headlands \$6,670</p> <p>Northcoast Environmental Center for its Adopt-A-Beach Outreach and Enrollment in Humboldt County \$6,650</p> <p>Heal the Bay for its Adopt-A-Beach Program in Los Angeles County \$6,680</p>
<p>1999/2000 \$130,000 Total</p> <p>Funds avail. for targeted grants: \$84,500</p> <p>Funds avail. for competitive grants: \$45,500</p> <p>Requests received: 55 totaling \$366,304</p>	<p>Foundation of California State Monterey Bay for S.E.A. Lab, Monterey Bay \$45,000</p> <p>California State Parks Foundation for Coastal Cleanup Day mini-grant program \$11,500</p> <p>Adopt-A-Beach School Assembly Program and Earth Day Kids' Cleanup Program \$28,000</p>	<p>Ventura Junior Lifeguards for the Channel Islands Coastal Experience Camp \$9,993</p> <p>Chaffee Zoological Gardens, Fresno for the Wild Connections Lab, Oceans Component \$7,230</p> <p>San Mateo Office of Outdoor Education for Ocean Odyssey \$7,842</p> <p>Solana Recyclers, Encinitas for the Student Environmental Action and Leadership Program \$5,968</p>	<p>Department of Parks and Recreation, San Onofre State Beach \$5,840</p> <p>Heal the Bay, Los Angeles \$8,627</p>

Fiscal Year	Targeted Grants	Competitive Grants
<p>2001/2002 \$359,000 Total</p> <p>Funds avail. for targeted grants: \$150,500</p> <p>Funds avail. for competitive grants: \$208,500</p> <p>Requests received: 122 totaling \$2,347,530</p>	<p>Foundation of California State University Monterey Bay for S.E.A. Lab, Monterey Bay \$60,000</p> <p>Adopt-A-Beach School Assembly Program and Kids' Cleanup Program \$54,000</p> <p>Creative Environmental Conservation for Return of the Natives at Moss Landing Dunes State Beach \$10,000</p> <p>California Dept. of Forestry and Fire Protection for updating the Environmental Education Compendium for Natural Communities \$10,000</p> <p>California Environmental Education Interagency Network for the Environmentality Project \$2,000</p> <p>Crystal Cove Interpretive Assn. for tidepooling education video \$6,500</p> <p>"Save Our Seas" curriculum update \$8,000</p>	<p>Discovery Museum for exhibits at the Eureka City Boardwalk \$9,400</p> <p>Mattole Restoration Council for the Ecological Education Program in rural Humboldt County \$10,000</p> <p>Northcoast Environmental Center for the Marine Debris Education Project in Humboldt County \$2,520</p> <p>Ocean Song Farm and Wilderness Center, Sonoma County for watershed education field trips \$10,000</p> <p>Estuary Action Challenge for Bay-Coast Action Projects in urban schools in the San Francisco East Bay \$20,000</p> <p>New Perspectives - East Palo Alto for a watershed project featuring field trips and lessons \$10,000</p> <p>Literacy for Environmental Justice for salt marsh education and restoration at Heron's Head Park in Bayview-Hunters Point, San Francisco \$20,000</p> <p>Morro Bay National Estuary Program for education programs at the visitor center and schools in the Central Valley \$4,820</p> <p>Peoples' Self-Help Housing Corporation for coastal field trips for youth living in permanent rental housing developments \$10,000</p> <p>University of Southern California Sea Grant Program for the Parent Child Education Program \$28,155</p> <p>George Porter Middle School, San Fernando Valley, to study natural and human impacts on seashore environments \$9,950</p> <p>Los Angeles Conservation Corps for the "Eels on Wheels" mobile marine van \$23,200</p> <p>Boys and Girls Clubs of Garden Grove for the "Marine Corps" program \$10,000</p> <p>Solana Recyclers, Encinitas for the Student Environmental Action and Leadership Program \$31,455</p> <p>Calif. Dept. of Fish and Game for an early childhood education component of the Project WILD Aquatic curriculum \$9,000</p>

Fiscal Year	Targeted Grants	Competitive Grants
<p>2002/2003 \$509,000 Total</p> <p>Funds avail. for targeted grants: \$229,000</p> <p>Funds avail. for competitive grants: \$280,000</p> <p>Requests received: 180 totaling \$3,354,777</p>	<p>Foundation of California State University Monterey Bay for S.E.A. Lab, Monterey Bay \$60,000</p> <p>Adopt-A-Beach School Assembly Program and Kids' Cleanup Program \$85,500</p> <p>Heal the Bay Adopt-A-Beach Program \$30,000</p> <p>River of Words Coastal Art & Poetry Contest \$17,000</p> <p>California Environmental Education Interagency Network for the Environmentality Project \$4,000</p> <p>Beach Wheelchair Purchases \$9,000</p> <p>"Save Our Seas" curriculum \$23,500</p>	<p>Aquatic Adventures, San Diego, for the S.E.A. Series Program \$14,800</p> <p>I Love A Clean San Diego for the Adopt-A-Beach Program in San Diego Co. \$20,000</p> <p>Urbita Elementary School, San Bernardino, for studying the Santa Ana River, oceans, and watersheds \$8,965</p> <p>Children's Nature Institute for The Malibu Lagoon Discovery Project for Los Angeles County children and families \$9,550</p> <p>Elizabeth Learning Center, Cudahy, Los Angeles Co., for educational and service- oriented coastal field trips \$8,000</p> <p>Mountains Restoration Trust for a watershed education program at Cold Creek Canyon Preserve in the Santa Monica Mountains \$8,410</p> <p>Ralph J. Bunche Elementary School near Compton for a tide pool education program \$7,850</p> <p>Western National Parks Association for San Fernando Valley students to conduct lagoon and creekside habitat restoration in the Santa Monica Mountains \$17,100</p> <p>Ontiveros Elementary School, Santa Maria, to study "Island of the Blue Dolphins" as a springboard for learning about the ocean and its importance \$6,180</p> <p>Peoples' Self-Help Housing Corporation for coastal field trips for youth living in permanent rental housing developments \$10,000</p> <p>Santa Barbara Audubon Society for the Snowy Plover Docent Program \$20,000</p> <p>Exploring New Horizons Outdoor Schools, Santa Cruz Co. for "Mysteries of the Sea" \$5,340</p> <p>Save Our Shores for the Seal Lion Steward Marine Education Program at Moss Landing \$9,850</p> <p>Watsonville Wetlands Watch for a wetlands stewardship program \$12,745</p> <p>Stonehurst Elementary School, East Oakland, for a school-wide ocean-immersion program \$40,000</p> <p>Hostelling International for overnight marine science programs at coastal hostels in northern and southern California \$24,000</p> <p>Point Reyes Bird Observatory Conservation Science for a seabird awareness program \$9,975</p>

Fiscal Year	Targeted Grants	Competitive Grants
2002/2003 (continued)		Occidental Arts and Ecology Center , Sonoma Co., for the “Basins of Relations” program to train leaders to watershed groups in their own communities \$25,000 Foothill Horizons Outdoor School , Sonora, for an interactive Tuolumne River watershed map \$1,365 Chico Creek Nature Center for a “Jammin’ Salmon” nature camp theme \$870 Ecological Preservation and Restoration Education Program (Eco-PREP) for an enrichment program for at-risk teens at Humboldt community schools \$20,000
2003/2004 \$740,000 Total Funds avail. for targeted grants: \$359,000 Funds avail. for competitive grants: \$381,000 Requests received as of 2/1/04: 161 totaling \$3,488,908	Foundation of California State University Monterey Bay for Camp SEA Lab \$60,000 Adopt-A-Beach School Assembly Program and Kids’ Cleanup Program \$84,700 Heal the Bay Adopt-A-Beach Program \$30,000 Keep California Beautiful for Marine Debris Education Campaign \$48,000 Tides Center for School-Based Marine Education Program \$88,400 Beach Wheelchair Purchases \$9,300 Coastal Watershed Council for coordinating Snapshot Day statewide \$10,100 Tides Center for the Community-Based Restoration and Education Program \$20,000	San Diego BayKeeper for the Project SWELL water education curriculum \$35,000 Sherman Heights Community Center , San Diego, for the <i>Viva Ciencia</i> Environmental Education and Beach Conservation Program \$9,900 Ocean Institute , Dana Point, for a watershed education program for Orange Co. students living 5-20 miles from the coast \$10,000 Sierra Club Foundation for Inner City Outings for Santa Ana teens \$2,080 Algalita Marine Research Foundation for the “Plastics are Forever” program for Environmental Charter High School students in Lawndale, Los Angeles Co. \$18,647 California State Parks Foundation for the field studies component of the “Coast Alive!” curriculum for southern California students \$25,000 Center for Environmental Education at Antioch University for the Peer Partners program among high school and elementary students in Los Angeles \$15,125 Concerned Resource and Environmental Workers (The CREW) , Ojai, for employing rural teens and young adults to restore steelhead trout habitat \$35,000 Santa Barbara Audubon Society for the Snowy Plover Docent Program \$10,000 Roosevelt School , Salinas, for native plant restoration and watershed education \$6,627 Ecological Farming Association for the Farms and Fishes Bus Tour on the Central Coast \$3,867 Sustainable Fishery Advocates for a seafood sustainability education campaign in the San Francisco Bay Area \$10,000 Watsonville Wetlands Watch for a wetlands stewardship program for Pajaro Valley students \$9,380

Fiscal Year	Targeted Grants	Competitive Grants
2003/2004 (continued)		<p>Coyote Point Museum for Environmental Education, San Mateo, for the “Sounds of the Sea” traveling exhibit and a coastal discovery room \$25,000</p> <p>Golden Gate Audubon Society for the Inner-City Marine Ecology Project for Families in East Oakland \$10,000</p> <p>Lawrence Hall of Science, Berkeley, for a program on marine invasive species \$39,350</p> <p>Aquatic Outreach Institute, Richmond, for the Bayshore Stewardship Program \$9,884</p> <p>Marin Conservation Corps for “Youth Service for Our Oceans” \$10,000</p> <p>Point Reyes National Seashore Association for a snowy plover docent program \$10,000</p> <p>YMCA Point Bonita for the Kids-to-Coast Project \$10,000</p> <p>Circuit Rider Productions, Sonoma County, for the Youth Education and Restoration Project \$35,000</p> <p>Arena Union Elementary School District for “Clean Waves, Clean South Mendocino Beaches” \$10,000</p> <p>Redwood Community Action Agency for water quality monitoring and education \$26,740</p> <p>California State Parks, Mendocino District for a teacher’s guide to the ecology of Mendocino tidepools \$12,900</p>

Fiscal Year	Targeted Grants	Competitive Grants
<p>2004/2005 \$789,000 Total</p> <p>Funds avail. for targeted grants: \$306,500</p> <p>Funds avail. for competitive grants: \$482,500</p> <p>Requests received: 157 totaling \$3,027,308</p>	<p>Foundation of California State University Monterey Bay for Camp SEA Lab \$60,000</p> <p>Adopt-A-Beach School Assembly Program and Kids' Cleanup Program \$88,500</p> <p>Heal the Bay Adopt-A-Beach Program \$30,000</p> <p>I Love A Clean San Diego Adopt-A- Beach Program \$27,000</p> <p>Tides Center for School-Based Marine Education Program \$81,700</p> <p>Beach Wheelchair Purchases \$9,300</p> <p>California Environmental Education Interagency Network for the Environmentality Project \$4,000</p> <p>Watts Garden Club for coastal road trips \$6,000</p>	<p>American Lung Association of San Diego and Imperial Counties for the "Hold Onto Your Butts!" Campaign \$10,000</p> <p>ECO-LIFE Foundation for the San Diego Bay Watershed Stewards program \$21,800</p> <p>Pro Peninsula for an educational program about the endangered green sea turtles of South San Diego Bay \$10,000</p> <p>Bolsa Chica Conservancy for habitat restoration and education at the Bolsa Chica Ecological Reserve \$35,000</p> <p>Glendale Public Library for a dramatic arts project by teens about the ocean and coastal awareness \$14,580</p> <p>Santa Monica Mountains Natural History Association for improvements and bilingual education at Point Dume, Malibu \$9,999</p> <p>STAR, Inc. for the Watershed and Marine Education Outreach Program in Los Angeles \$29,709</p> <p>Channel Islands Harbor Foundation for improvements to the marine science laboratory aboard the Tall Ship <i>SSV Tole Mour</i> \$10,448</p> <p>Santa Barbara Museum of Natural History for education programs at the Ty Warner Sea Center at Stearns Wharf \$10,000</p> <p>UC Cooperative Extension, Santa Barbara County for developing the <i>Los Pescadores/Agua Pura</i> curriculum \$35,000</p> <p>Camp Ocean Pines for a marine science environmental education camp in Cambria \$10,845</p> <p>Sierra Middle School, Bakersfield to study marine life and raise awareness about ocean protection \$4,600</p> <p>Defenders of Wildlife for a sea otter protection program on the Central Coast \$10,000</p> <p>Moss Landing Marine Laboratories for the Seal Lion Steward Marine Education Program \$9,992</p> <p>Return of the Natives for habitat restoration at Carmel River Lagoon \$35,000</p>

Fiscal Year	Targeted Grants	Competitive Grants
2004/2005 (continued)		<p>Santa Cruz County Resource Conservation District for developing the <i>Watershed Cruzin'</i> activity guide for grades 4-12 \$35,000</p> <p>Pescadero Elementary and Middle Schools for adopting nearby Pescadero Marsh \$7,000</p> <p>California State Parks Foundation/Bay Youth for the Environment for community wetland restoration at Candlestick Point \$10,000</p> <p>San Joaquin Outdoor School to support equipment purchases for coastal and marsh studies in San Mateo County \$9,998</p> <p>Golden Gate Audubon Society for the Eco-Oakland Environmental Education Program for students and families in East Oakland \$10,000</p> <p>KIDS for the BAY for the Coastal Watershed Action Program for 40 classes in Alameda and Contra Costa counties \$40,000</p> <p>Save the Bay for watershed education, canoe trips, and wetland restoration for middle and high school students \$10,000</p> <p>Oikonos – Ecosystem Knowledge for the Adopt-A-Seabird program \$7,000</p> <p>Environmental Education Council of Marin for teen reporters to produce news stories on current issues in coastal ecology \$20,000</p> <p>Headlands Institute for hosting youth and teachers from Fresno County \$25,000</p> <p>The Marine Mammal Center for the career-oriented Marine Science Discovery Program for Bay Area high school students \$10,000</p> <p>Friends of the Dunes for the “Share the Beach” Campaign to protect the threatened Western Snowy Plover at Humboldt County beaches \$9,949</p> <p>Algalita Marine Research Foundation for creating and distributing a video/DVD about plastic debris to 1,000 schools in California \$11,580</p> <p>Wyland Foundation for building an educational, interactive maze about water pollution for the Ocean Challenge 2005 Tour \$20,000</p>

Fiscal Year	Targeted Grants	Competitive Grants
<p>2005/2006 \$778,000 Total</p> <p>Funds avail. for targeted grants: \$393,000</p> <p>Funds avail. for competitive grants: \$385,000</p> <p>Requests received: 120 totaling \$2,567,248</p>	<p>Foundation of California State University Monterey Bay for Camp SEA Lab \$60,000</p> <p>Adopt-A-Beach School Assembly Program and Kids' Cleanup Program \$88,500</p> <p>Heal the Bay Adopt-A-Beach Program \$30,000</p> <p>I Love A Clean San Diego Adopt-A-Beach Program \$25,000</p> <p>Tides Center for School-Based Marine Education Program \$80,000</p> <p>Tides Center for Community-Based Wetland Restoration and Education \$79,800</p> <p>Beach Wheelchair Purchases \$9,700</p> <p>Watsonville Wetlands Watch for the Wetlands Education Resource Center \$20,000</p>	<p>Aquatic Adventures, San Diego, for the S.E.A. Series Program \$9,500</p> <p>Birch Aquarium, San Diego, for second-graders and their teachers to learn about and visit sandy beach ecosystems \$30,000</p> <p>Lakeside's River Park Conservancy for a community project cleaning up the San Diego River both inland and at its mouth at Ocean Beach \$8,895</p> <p>San Diego Coastkeeper for the Project SWELL water education curriculum \$13,500</p> <p>Sierra Club Foundation for Inner City Outings for Garden Grove teens \$6,530</p> <p>Algalita Marine Research Foundation for the "Plastics are Forever" program for Environmental Charter High School students in Lawndale, Los Angeles Co. \$26,060</p> <p>Animo Leadership High School for students to conduct bilingual community outreach about safe seafood consumption in Lennox, Hawthorne and Inglewood \$9,990</p> <p>Bell Gardens High School for students to visit and report on Newport Back Bay and make presentations to elementary students \$3,425</p> <p>Downtown Magnets High School, Los Angeles, for a Los Angeles watershed analysis project \$6,703</p> <p>Santa Monica Baykeeper to train citizens on enforcing the Clean Water Act \$25,000</p> <p>Wishtooyo Foundation in Ventura County for the Ormond Beach Wetlands Restoration and Education Project \$9,800</p> <p>Santa Barbara Channelkeeper for inland middle school students to grow eelgrass in the classroom to be used in a restoration program \$9,900</p> <p>Pacific Cetacean Group for students in San Benito, Monterey, and San Cruz counties to learn about whale and dolphin communication and imitate their callings through percussion \$6,700</p> <p>Return of the Natives for habitat restoration and debris removal in creeks in the city of Salinas \$40,535</p> <p>Coyote Point Museum for Environmental Education, San Mateo, for stewardship programs and bilingual hikes at Shoreline Parks \$26,000</p> <p>Farallones Marine Sanctuary Association, San Francisco for the Sanctuary Explorers Camp \$9,230</p>

Fiscal Year	Targeted Grants	Competitive Grants
2005/2006 (continued)		<p>SF Unified School District’s Environmental Science Center for the “Conservation Connection” project \$17,540</p> <p>Youth Employment Partnership, Inc. for coastal, marine, and waterway education and cleanups within the Team Oakland Environmental Education Program \$13,550</p> <p>YMCA Point Bonita for the Kids-to-Coast Project \$10,000</p> <p>Yolo County Office of Education “From Creek to Sea” focusing on the local creek, the Bay/Delta, the ocean, and migrating salmon \$9,987</p> <p>CoastWalk, Sonoma County, for linking the CoasTrek hiking and leadership training program for teens with the Adopt-A-Beach program \$17,340</p> <p>Ocean Discovery!, Sonoma County, for a northern California student symposium on the health of our oceans \$25,315</p> <p>Rural California Broadcasting Corp. for preparing a television documentary on saving the Marin and Sonoma coasts for open space and agriculture \$7,500</p> <p>California State Parks, Mendocino District for equipment to allow visitors live video viewing of MacKerricher Underwater Park \$22,000</p> <p>Manila Community Services District for an native coastal dune plant interpretive garden on the Samoa Peninsula in Humboldt County \$10,000</p> <p>Mattole Restoration Council in rural Humboldt County for a hands-on environmental education program focusing on salmon \$10,000</p>

Fiscal Year	Targeted Grants	Competitive Grants
<p>2006/2007 \$708,000 Total</p> <p>Funds avail. for targeted grants: \$245,240</p> <p>Funds avail. for competitive grants: \$462,760</p> <p>Requests received: 122 totaling \$2,753,272</p>	<p>Foundation of California State University Monterey Bay for Camp SEA Lab \$60,000</p> <p>Adopt-A-Beach School Assembly Program and Kids' Cleanup Program \$107,740</p> <p>Heal the Bay Adopt-A-Beach Program \$30,000</p> <p>Tides Center for School-Based Marine Education Program \$35,500</p> <p>San Francisco Ocean Film Festival for the 2007 Film Festival \$10,000</p> <p>California Environmental Education Interagency Network for the Environmentality Project \$2,000</p>	<p>Batiquitos Lagoon Foundation for a day at the coast for desert kids \$9,000</p> <p>Pro Peninsula for an educational program about the endangered green sea turtles of South San Diego Bay \$17,240</p> <p>WiLDCOAST for the "Defiende el Mar" ("Defend the Sea") campaign \$11,200</p> <p>Ocean Institute for the LegaSea Project providing marine education to senior citizens in southern California \$9,700</p> <p>Orange County Coastkeeper for the WHALES Program for high school students in Riverside and inland Orange Counties \$14,500</p> <p>Aquarium of the Pacific for a short film about scientific and conservation issues associated with beaches and waves \$15,000</p> <p>Bell Gardens High School for students to study and report on Newport Back Bay and make presentations to elementary students \$9,990</p> <p>Children's Nature Institute for the Coastal Discovery Project for Los Angeles County children and families \$8,824</p> <p>Los Serenos de Point Vicente for the Whale of a World program for students from underserved schools in Los Angeles County \$9,940</p> <p>La Conchita Community Organization for a community beach project \$5,177</p> <p>Art From Scrap, Santa Barbara, for the "Flows to the Ocean" project \$8,450</p> <p>Cleveland Elementary School, Santa Barbara, for stream studies by the Channel Island Explorers Club \$3,200</p> <p>Santa Barbara Museum of Natural History for the Channel WATCH program for students from Santa Barbara and Ventura counties \$9,950</p> <p>Aquarius Aquarium Institute, Fresno, for the "Ocean Connection" program for students living near the San Joaquin River in Fresno and Madera counties \$11,654</p> <p>California Institute for Biodiversity for the Coast Alive! Monterey Bay Institute for high school teachers \$10,000</p> <p>Monterey Bay Aquarium Foundation for the "WATCH" habitat conservation program for Watsonville area teens \$25,000</p>

Fiscal Year	Targeted Grants	Competitive Grants
2006/2007 (continued)		<p>Save Our Shores for improving the Adopt-A-Beach program in Santa Cruz County \$12,000</p> <p>Watsonville Charter School of the Arts for an outdoor watershed science lab \$21,160</p> <p>Gilroy High School for an ocean stewardship research and film festival project \$14,071</p> <p>City of Oakland, Office of Parks and Recreation for the Sailing into Science Program at Lake Merritt \$9,900</p> <p>Save the Bay of Oakland for the “Keep it Clean!” pollution prevention outreach campaign \$27,000</p> <p>The Watershed Project of Richmond for the Kids in Marshes program \$36,652</p> <p>Richardson Bay Audubon Center in Tiburon for the Bay Science and Stewardship Program for underserved Marin County youth \$10,825</p> <p>Salmon Creek Middle School in Occidental for a stormwater management study and implementation project for the school campus \$36,374</p> <p>Mendocino Land Trust for abalone diver outreach and education \$9,999</p> <p>Friends of the Dunes for improving different school education programs \$9,940</p> <p>Karuk Tribe of California for the “Journey to the Sea” salmon education program \$9,997</p> <p>Etna Union Elementary School District, Siskiyou County, for the “Crest to Coast” marine education and habitat restoration project \$9,950</p> <p>Tolowa Dunes Stewards for restoration, education, and monitoring projects in the area of Tolowa Dunes State Park, Lake Earl, and Point George \$48,850</p> <p>Algalita Marine Research Foundation for translating educational materials about plastic marine debris into Spanish \$12,217</p> <p>Rio Films for producing a documentary entitled ”Channel Islands—A California Adventure” \$15,000</p>

Fiscal Year	Targeted Grants	Competitive Grants
<p>2007/2008 \$711,000 Total</p> <p>Funds avail. for targeted grants: \$346,810</p> <p>Funds avail. for competitive grants: \$364,190</p> <p>Requests received: 104 totaling \$2,328,012</p>	<p>Foundation of California State University Monterey Bay for Camp SEA Lab \$60,000</p> <p>Adopt-A-Beach School Assembly Program and Kids' Cleanup Program \$98,500</p> <p>Heal the Bay Adopt-A-Beach Program \$30,000</p> <p>I Love A Clean San Diego Adopt-A-Beach Program \$22,500</p> <p>Tides Center for School-Based Marine Education Program \$56,000</p> <p>Tides Center for Community-Based Wetland Restoration and Education \$72,000</p> <p>Crystal Cove Alliance for Beach Wheelchair Purchases \$4,810</p> <p>San Francisco Ocean Film Festival for the 2008 Film Festival \$1,000</p> <p>California Environmental Education Interagency Network for the Environmentality Project \$2,000</p>	<p>ECO-LIFE Foundation, San Diego, for the Stream Team Stewards Project \$31,390</p> <p>Pacific Marine Mammal Center, Laguna Beach, for the Pinniped Pollution Project \$9,975</p> <p>Aquarium of the Pacific for an educational partnership with Cesar Chavez Elementary School in Long Beach \$30,000</p> <p>Compton Unified School District for Centennial High School students to start an ocean club and conduct marine science research on Catalina Island \$9,961</p> <p>Friends of Colorado Lagoon, Long Beach, for educational programs and service events for students and the general public \$14,000</p> <p>Malibu Foundation for Environmental Education for distributing an instructional DVD about marine debris \$25,000</p> <p>Natural History Museum of Los Angeles County for renovating its Marine Hall \$10,000</p> <p>Oceanographic Teaching Stations, Manhattan Beach, for marine science education field trips at the Roundhouse Aquarium \$8,000</p> <p>UC Cooperative Extension, Santa Barbara County, for statewide teacher trainings on the <i>Aqua Pura</i> salmon curriculum \$28,350</p> <p>Cal Poly San Luis Obispo for an evaluation of residential environmental education programs focusing on California's coast and ocean \$9,993</p> <p>Return of the Natives for habitat restoration at Fort Ord Dunes State Park in Monterey County \$25,559</p> <p>Save Our Shores for the Adopt-A-Beach program in Santa Cruz County \$15,000</p> <p>Seymour Marine Discovery Center at Long Marine Laboratory for a coastal watershed education program for Santa Cruz students \$24,074</p> <p>San Mateo County Resource Conservation District for workshops about the San Vicente Creek watershed \$10,614</p> <p>Marshall Elementary School PTA, San Francisco, for "Que Viva el Mar!" \$9,999</p>

Fiscal Year	Targeted Grants	Competitive Grants
2007/2008 (continued)		<p>SF Unified School District’s Environmental Science Center for the “Conservation Connection” project \$16,087</p> <p>Golden Gate Audubon Society for the Eco-Oakland Environmental Education Program \$9,999</p> <p>EarthTeam Environmental Network for the Aqua Team program for Richmond teens \$22,144</p> <p>Fort Ross Elementary School District, Sonoma County, for new marine education programs \$9,510</p> <p>PRBO Conservation Science, Petaluma, for printing a pocket guide to coastal birds of California \$10,000</p> <p>City of Arcata Environmental Services Dept. for a youth project creating murals illustrating the importance of preventing storm drain pollution \$9,975</p> <p>Humboldt State University for education in the community of Trinidad about the California Coastal National Monument \$11,560</p> <p>American Cetacean Society for an international conference in Monterey about whales \$13,000</p>

Attachment B: 2008/09 Competitive Whale Tail Grant Proposals

Organization Name	Project Title	Requested
Agua Hedionda Lagoon Foundation	Academy for Environmental Stewardship	\$43,350
Algalita Marine Research Foundation	GIS Student/Research Interaction and Public Education	\$20,548
American Cetacean Society - National	Website Cetacean Fact Sheet Project	\$9,387
Animo Leadership Charter High School	Mission Possible	\$3,000
Aquarium of the Pacific	Cesar Chavez Elementary School Partnership Expansion	\$50,000
Aquatic Adventures Science Education Foundation	SEA Power Initiative	\$15,000
Arden Middle School	Point Bonita Project	\$10,000
Arroyo Seco Foundation	Litter Kills	\$46,840
Bell Gardens High School	Educating Future Caretakers of Estuaries	\$4,435
Blue Frontier Campaign/Richmond Shoreline Citizen Response	Restore Our Shore	\$26,227
Bolsa Chica Land Trust	Bolsa Chica, Bolsa Bags - Bag It!	\$16,570
Boys & Girls Clubs of Tustin	SeaTech Program	\$26,700
Cabrillo Beach Boosters	Play City Beach Bash	\$15,456
Cabrillo Marine Aquarium	Ocean Explorer Program	\$2,500
California Institute for Biodiversity	Coast Alive! - Land-Sea Interface	\$5,000
California Science Center Foundation	"World of Ecology" Youth Intern Corps (E-Corps)	\$16,128
California State Parks, San Diego Coast District - North Sector	Surf to Sand through Soccer	\$22,774
California State University, Dominguez Hills	Interpretive Signs on Los Angeles County Piers	\$9,997
California State University, Fullerton	"The Ocean Rocks!"	\$50,000
Camino Nuevo Charter Academy	"Catalina, Here We Come!"	\$5,000
Camino School PTO	Outdoor Education at the Pacific Environmental Education Center	\$10,000

Organization Name	Project Title	Requested
Camp Ocean Pines	Touch Tank for Marine Science Education Program	\$10,000
Carlsbad High School	Tide Pool Teachers	\$8,500
Catalina Island Conservancy	Coastal Summer Intern Project	\$16,344
Central Coast Natural History Association	Middle School Marine Science Project	\$9,918
Channel Islands Restoration	Anacapa Island Habitat Restoration Project	\$18,532
Chula Vista Elementary School District	Chula Vista Nature Center Coastal Science Education Program	\$22,454
City of Arcata Environmental Services Dept/Recreation Div.	Arcata Baylands Youth Video Project	\$9,990
City of Costa Mesa	WHALES (Watershed Heroes - Actions Linking Education to Stewardship)	\$4,860
City of Trinidad	Trinidad's Coastal Education and Stewardship Program	\$46,550
City of Ventura	Ventura's River Clean Up Program	\$17,256
Clark Magnet High School	Evaluating the Effectiveness of Marine Protected Areas Using GIS	\$36,750
Clean Water Fund	San Francisco Bay Marine Debris Prevention Project	\$50,000
Coastal Watershed Council	Snapshot Day 2009 - 10 Years of Citizen Monitoring	\$9,998
Coeur d'Alene Elementary School	Venice Grand Canal Ecological Restoration Project	\$44,550
Conservation Corps North Bay	Youth in Environmental Service (YES)	\$50,000
Del Norte County Unified School District	Redwood Coast Curriculum Project	\$9,998
Earth Alert	Heroes of the Coast	\$8,761
EarthTeam	Aqua Team	\$25,145
East Bay Regional Park District	Teen Eco Action Week	\$9,999
Ecological Farming Association	Farms and Fishes Bus Tour	\$8,720
El Dorado Nature Center	Adopt-A-Wetland	\$10,000
El Granada Elementary School	Coastal Kinder Quad Project	\$30,436
Elkhorn Slough Foundation	A Personal Journey towards Watershed Awareness	\$49,701
Endangered Species Coalition	Endangered Species Day	\$21,743
Exploring New Horizons Outdoor School	The Hot Spot	\$5,922

Organization Name	Project Title	Requested
F.I.N.Sea Foundation	"Ocean Kids L.A." Event	\$4,878
Farallones Marine Sanctuary Association	Marine Stewards Program	\$25,000
Franklin-McKinley School District	SPLASH - Students Practicing Language Arts in Sea Habitats	\$9,000
Friends of Ballona Wetlands	Ballona Eco Explorers	\$44,363
Friends of Colorado Lagoon	Community Education and Monitoring of Colorado Lagoon Restoration	\$42,300
Friends of Harbors, Beaches and Parks	Orange Coast River Park Restoration and Education Project	\$47,500
Friends of Monterey Academy of Oceanographic Science	Urban Creek Runoff Studies in Monterey	\$32,764
Friends of the Dunes	Seeing the Sea	\$9,995
Friends of the Los Angeles River	River School	\$47,290
George C. Marshall Elementary School PTA	Amphibious Defense of the Central Coast	\$9,999
Glenwood Elementary School	Marine Ecology and Environmental Studies	\$10,000
Golden Gate Audubon Society	Eco-Oakland and Eco-Richmond Environmental Education Program	\$9,999
Guadalupe-Nipomo Dunes Center	Science Career Experience	\$34,129
Guided Discoveries	Catalina Island Mammal Center	\$14,150
Heal the Bay	Santa Monica Pier Aquarium - Field Trip Education Program	\$10,000
Humboldt Baykeeper	Watershed Education and Training Program	\$9,850
Humboldt Fish Action Council	Scotia Aquarium: Fish of the Eel River	\$49,997
Humboldt State University Sponsored Programs Foundation	Trinidad Gateway Marine Science Summer Education Program	\$15,656
Keep California Beautiful	Beach Litter Reduction Outreach	\$9,840
KIDS for the BAY	Watershed Action Program - Coastal Connection	\$26,000
KRCB / Rural California Broadcasting Corporation	Moments in Time: Saving the Marin and Sonoma Coasts	\$50,000
Laguna Ocean Foundation	Tidepool Education Program	\$9,760
Life Lab Science Program	Garden to Ocean (G20)	\$50,000
Los Angeles Co. Dept. of Parks and Recreation, Castaic Lake	Pride in Your Lake	\$39,000
Los Angeles Conservation Corps	Conservation through Kayaking	\$39,000

Organization Name	Project Title	Requested
Los Serenos de Point Vicente	Whale of a World	\$10,000
Malibu Lagoon Museum and Historic Adamson House	Education through Exploration	\$20,000
MAR3INE	Community Stewards Program	\$10,000
Marshall Elementary School PTA	Que Viva El Mar!	\$9,999
Math Science Nucleus	Lower San Francisco Bay Ecology	\$40,700
Mattole Restoration Council	River to Sea: Mattole Salmon and the Phytoplankton Story	\$9,999
Mendocino Land Trust	Big River Stewards Stream Flow and Temperature Monitoring Project	\$9,818
Monterey Bay Aquarium	Monterey Bay/Pajaro Valley USD Teacher Project	\$50,000
Mt. Miguel High School	San Diego Coastal Ecotourism Report Card	\$10,228
National Marine Sanctuary Foundation	California "Thank You Ocean" Campaign Outreach to Spanish Speakers	\$15,000
Newport Bay Naturalists and Friends	Outrigger Canoe and "Our Wetlands, Our World" Program	\$9,900
Newport Harbor Nautical Museum	Polar Bears, Penguins and Climate	\$10,012
Next Vista for Learning	Bringing the Coast to Everyone	\$40,591
North Hollywood High School Zoo Magnet Parent Council	Santa Cruz Island Habitat Restoration Field Trip	\$8,122
Northcoast Marine Mammal Center	Marine Youth Summer Camp	\$5,133
Ocean Song Farm and Wilderness Center	From Creeks to the Ocean	\$10,000
Oikonos Ecosystem Knowledge	Animals in Curriculum Based Ecosystem Studies (ACES)	\$46,145
OKEANIS	Marine Ecology Internships for Underrepresented Students	\$39,500
Orange County Coastkeeper	Back Bay Eelgrass Project	\$15,120
Ormond Beach Observers	Ormond Beach Documentary Distribution	\$4,765
Pacific Marine Mammal Center	Pinniped Pollution Project	\$9,975
Pacifica Beach Coalition	Cleaner Pacifica, Healthier Ocean	\$36,035
Pajaro Valley High School	Integrated Environment Curriculum and Community Action	\$50,000
Piedras Blancas Lightstation/BLM	Native Plant Restoration	\$20,000
Point Lobos Association	Start-Up Project for Docent Training and Schools Program	\$30,825

Organization Name	Project Title	Requested
Point Reyes National Seashore Association	Urban Youth Marine Science Education Program	\$16,000
PRBO Conservation Science	Seabird Education and Awareness (SEA) Program, Alcatraz	\$15,000
Pro Peninsula	Ocean Connectors: Connecting Youth for Conservation	\$28,535
Project- GreenWorks	Orange County Boater Education Program	\$40,727
Project- GreenWorks	Water 101	\$39,900
Resource Conservation District of the Santa Monica Mtns.	City Kids to Watersheds	\$18,281
Richardson Bay Audubon Center & Sanctuary	Bay Science & Stewardship Program	\$29,832
River of Words	"Watershed Explorer" Teacher Training	\$15,000
Salton Sea State Recreation Area	Kayak Programs for the Salton Sea	\$13,500
San Diego Archaeological Center	"Quenching Our Thirst - Culture, Environment and Change"	\$22,000
San Diego Canyonlands, Inc.	Coastal Canyon Education and Restoration Project	\$9,900
San Diego Coastkeeper	World Water Monitoring Day & Month	\$10,000
San Diego Oceans Foundation	Ocean in Motion	\$22,000
San Diego Science Alliance	TECHies	\$33,940
San Mateo County Resource Conservation District	Watershed Discovery Workshop	\$23,648
Santa Ana Watershed Association	Follow the Water from Mountain to Ocean	\$30,000
Santa Barbara Audubon Society	Snowy Plover Program at Coal Oil Point Reserve	\$31,145
Santa Barbara Museum of Natural History	Ty Warner Sea Center Discovery Labs	\$9,999
Santa Monica Baykeeper	Malibu Lagoon Volunteer Restoration	\$25,000
Save Our Shores	Adopt-A-River Program in Santa Cruz County	\$50,000
Save the Bay	Cities Keep it Clean	\$50,000
Save the Waves Coalition	Mavericks Adopt-A-Beach Program	\$9,925
Seaflow	Vessel Watch Project	\$9,500
Sequoia Park Zoo Foundation	Exhibit about Urban Impacts on Anadromous Fish of Humboldt Bay	\$20,658
Slide Ranch	Lunch Box to Tide Pool	\$18,000

Organization Name	Project Title	Requested
Sonoma County Water Agency	Headwaters 2 Ocean Program	\$26,106
Star, Inc.	World Ocean Day	\$50,000
Stewards of the Coast and Redwoods	Sonoma Coast Tidepool Education Program	\$9,411
Stowers Magnet School of International Studies Foundation	Caring Hearts, Creative Hands	\$50,000
Surfrider Foundation	Educating Youth through Innovative Online Tools	\$23,827
Surfrider Foundation, West Los Angeles/Malibu Chapter	Teach & Test Program	\$39,135
The Marine Mammal Center	Marine Science Discovery Program	\$10,000
The Watershed Project	Oysters on the Half Shell	\$25,000
Theodore Judah Elementary School PTA	Theodore Judah School for the Tides	\$9,999
Torrey Pines State Reserve Docent Society	Beach Buddies	\$6,700
Torrey Pines State Reserve Docent Society	Gray Whale Exhibit	\$2,300
Trails4All	Santa Ana River Watershed Cleanup Opportunities	\$50,000
TreePeople	Eco-tour Program	\$20,000
U.S. Fish and Wildlife Service	Snowy Plover Program at Dillon Beach, Marin County	\$25,000
University of California Cooperative Extension	California Naturalist Program	\$24,457
University of California, San Diego, Scripps Institution	Community Days at Birch Aquarium	\$48,412
Ventura Hillside Conservancy	Outdoor Learning - Ventura River Watershed	\$10,000
Watsonville Wetlands Watch	Wetland Stewards	\$50,000
Whitehead Elementary School	Marin Headlands Institute Sixth Grade Science Camp	\$15,000
Wiyot Tribe	"Wind to Whales" Marine Education Project	\$8,432
Woodrow Wilson Classical High School	Water & Wetlands Program	\$3,500
World Savvy	Mavericks Ocean and Coastal Education Initiative	\$50,000
YMCA Point Bonita Outdoor & Conference Center	High School Science & Service Learning	\$9,900
TOTAL REQUESTED:		\$3,277,045