

CALIFORNIA COASTAL COMMISSION

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W19b

January 28, 2010

FROM: Peter Douglas, Executive Director
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 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 Feb. 10, 2010)

SUMMARY OF STAFF RECOMMENDATION: Approve 23 grants, which total \$372,000.

Youth programs (totaling \$282,588):

- Arcata Community Recycling Center (\$9,799)
- California Community Forests Foundation (\$9,950)
- California State Parks, Monterey District (\$9,999)
- Channel Islands Restoration (\$15,000)
- Environmental Traveling Companions (\$24,000)
- Franklin Elementary School (\$4,400)
- Jeanne Meadows Elementary School (\$7,200)
- Ocean Discovery Institute (\$25,000)
- Oikonos Ecosystem Knowledge (\$25,030)
- O'Neill Sea Odyssey (\$20,808)
- Point Reyes National Seashore Association (\$40,000)
- San Francisco State University, Romberg Tiburon Center (\$25,000)
- Save the Whales (\$9,997)
- Scott Valley Unified School District (\$9,800)
- Tuolumne River Trust (\$20,000)
- UC Berkeley, Lawrence Hall of Science (\$26,605)

Programs for the general public (totaling \$77,412):

- Clean Water Fund (\$9,999)
- Fresno Chaffee Zoo (\$9,999)
- Jacoby Creek Land Trust (\$9,914)
- Los Cerritos Wetlands Authority (\$18,000)
- Santa Barbara Museum of Natural History (\$9,500)
- Watershed Discovery Foundation/Monterey Bay Sanctuary Foundation (\$20,000)

Adopt-A-Beach programs (totaling \$12,000):

- Trails4All (\$12,000)

Subtotal small grants (under \$10,000): \$100,557 (27%)

Subtotal large grants (\$10,000 - \$50,000): \$271,443 (73%)

Motion: I move that the Commission approve the 23 competitive grants recommended by staff for WHALE TAIL License Plate funding (FY2009/10), 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 the end of 2009 a total of 187,059 WHALE TAIL Plates have been sold. Sales and renewal fees (plus miscellaneous other small fees) have contributed \$15.2 million to the CBCEA, and \$35.7 million to the ELPF. The additional fees that are charged for personalized plates go to the ELPF.

Targeted Grants for FY 2009/2010

At its September 2009 meeting, the Commission voted to allocate the \$704,000 FY 2009/10 grantmaking budget as follows: seven targeted grants totaling \$332,000, a temporary reserve of \$20,000, and the remaining \$352,000 for the competitive grantmaking program. For a listing of those seven targeted grants, and all other grants that have been funded through sales of the Whale Tail License Plate, see Attachment A.

Since that time, no other need for the temporary reserve has been identified, so \$20,000 has been reallocated to the competitive grants budget, making a total of \$372,000 available for competitive grants.

The Competitive Grants Program for FY 2009/10

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, 2009. 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 111 grant applications requesting a combined total of \$2,356,936, which equals over six times the amount of funding available. The number of recommended grants totals approximately 20 percent of the number of proposals submitted. Attachment B is a list of the applicants, project titles and amounts requested 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. The project's educational content and mode of delivery should be age-appropriate for the target audience [added in 2009].
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 23 programs listed below (\$372,000 total).

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

1. Arcata Community Recycling Center **\$9,799**

Project Title: Seeing the Sea and Marine Debris

Project Location: Arcata

Project Timeline: March 2010 to September 2010

Total Project Budget: \$19,691

Estimated number of people served by the project: 531

The Arcata Community Recycling Center (ACRC) is a nonprofit organization dedicated to promoting and demonstrating innovative waste reduction, reuse, and recycling strategies in the Humboldt Bay area. In addition to operating a recycling facility and depot for reusable materials, ACRC provides education programs about recycling and waste reduction.

This project would educate the students at Arcata Elementary School about the environmental impacts of marine debris and the plastics that have concentrated in the North Pacific Gyre. Lessons would be tailored to different grade levels so that, for example, students in grades K-2 would read a picture book about the Pacific Ocean, watch a puppet show about a turtle tangled in debris, and sing a song with body movements that mimic the North Pacific Gyre, while students in grades 4 and 5 would view a slide show about the Ocean and the Gyre, take part in a skit about turtle entanglement, see a demonstration about the movement of trash and simple solutions to prevent it, and examine and compare microscopic samples of plankton and degraded plastics.

The students would also conduct a plastic bottle collection drive. After the bottles were collected, they would be linked into long strands and assembled into an art installation, placed in a swirling pattern simulating the garbage in the North Pacific Gyre. Student art depicting trapped marine animals would be woven into the strands. A helicopter would fly overhead to capture images of the swirling plastic from the air. Other students at Sunny Brae Middle School would document the project on video to share with schools in the region and on public access television.

2. California Community Forests Foundation

\$9,950

Project Title: From the Mountains to the Sea: The Conifer Connection

Project Location: Statewide

Project Timeline: March 2010 to April 2011

Total Project Budget: \$40,500

Estimated number of people served by the project: 200 educators in the first year

The California Community Forests Foundation is serving as the fiscal sponsor of a curriculum that will be published by California State Parks. Having already published *Redwood Ed* and *A Guide to the Side of the Sea* (funded by a WHALE TAIL grant), State Parks would provide this new guide for teaching and learning about coniferous forests and watersheds and their importance to streams and coastal environments. It would help people learn about the importance of caring for streams; how they connect to estuaries, bays, and coastlines downstream; and how to reduce negative coastal impacts of actions upstream.

The content would include ecological principles of forests, streams, and watersheds; the natural and human history of coniferous forests and watersheds; lessons teachers could implement for before, during, and after a visit to the watershed; information on how to take a safe and environmentally responsible field trip; and further resources for teachers, naturalists, and interpreters. The lessons would be correlated to national and state content standards and would target grades 4-7 (but could be adapted for other age levels). The entire guide would be approximately 250-300 pages long. It would be written, edited by reviewers, printed, and made available on the Internet and on CDs. At least five workshops would also be held in different parts of California to introduce the new guide to a variety of educators.

3. California State Parks, Monterey District

\$9,999

Project Title: Point Lobos Summer Adventures Program

Project Location: Monterey County

Project Timeline: May 2010 to August 2010

Total Project Budget: \$23,400

Estimated number of people served by the project: 60

California State Parks is requesting funding to support the second year of the Point Lobos Summer Adventures Program for children ages 9-14. The program is designed to meet the goals of the Children in Nature Campaign (created by the National Association of State Parks Directors and the National Park Service) and the California children's Outdoor Bill of Rights, which states that every child should have the right to— for example— explore nature, play in a safe place, follow a trail, splash in the water, and discover California's past.

The Summer Adventures Program consists of two separate two-week sessions for thirty students each. The sessions include activities such as touring Point Lobos, visiting Big Sur and Andrew Molera State Park, visiting the Monterey Maritime Museum, whale watching, orienteering and geocaching, kayaking at Elkhorn Slough, taking a boat tour and learning the history and biology of abalone, and learning about the local Rumsien Indians. In 2009 the program cost \$200 per child and the majority of campers came from Pacific Grove and Carmel. A Whale Tail grant would support staff time and supplies and allow ten students in each session to attend free of charge. These youth would be recruited through partner organizations such as the YMCA and Boys & Girls Clubs in the communities of Salinas and/or the Marina/Seaside area.

4. Channel Islands Restoration

\$15,000

Project Title: Channel Islands Habitat Restoration Project
Project Location: Ventura County & Channel Islands National Park
Project Timeline: March 2010 to June 2010
Total Project Budget: \$23,576
Estimated number of people served by the project: 210

Channel Islands Restoration (CIR) is a nonprofit organization specializing in removing non-native plants and restoring native plants on the Channel Islands and the nearby mainland coast. The organization is also experienced in teaching youth and adults and bringing students to the Channel Islands for service-learning opportunities.

CIR is requesting funds for 210 students to conduct habitat restoration during day trips to Santa Cruz and Anacapa Islands. The student would come from grades 3-5 at Title I schools in Ventura County. Beforehand, the students would receive a classroom visit to learn about the unique ecology and history of the Channel Islands and the impact of invasive plants. During their boat ride to one of the islands, the students would learn about watersheds, marine environments, and the animals of the Santa Barbara Channel. Once on the island, the students would first take part in a 90-minute nature walk covering native vegetation, animal life, island geology, and a visit to a local archaeological site. In the afternoon, they would remove invasive ice plant (on Anacapa Island) or remove invasive weeds and plant native species (on Santa Cruz Island) by hand as part of an ongoing restoration project to improve habitat for the local wildlife. Classes would also receive native seeds to grow at their schools, and families would receive information about Channel Islands National Park and Visitor Center and other easily accessible local environmental activities.

5. Environmental Traveling Companions

\$24,000

Project Title: Youth LEAD Fellowship: Bay Education Project
Project Location: San Francisco and Marin Counties
Project Timeline: March 2010 to December 2010
Total Project Budget: \$71,900
Estimated number of people served by the project: 115

Environmental Traveling Companions (ETC) is a nonprofit organization dedicated to accessible outdoor environmental education and adventure programs to people with special needs including those with vision, hearing, or mobility impairments; developmental disabilities; serious illnesses; and high-risk, economically disadvantaged backgrounds. Among its programs, ETC offers LEAD (Leadership, Environment, Adventure, Diversity) summer courses 12-24 days long featuring activities such as sea kayaking, boat construction, and environmental stewardship.

In this proposed project, ETC would coordinate a fellowship program for eight youth who are alumni of the Youth LEAD summer courses. The fellows would meet every week over 8 months during the school year and develop their leadership, outdoor, and job readiness skills. They would learn more about watershed ecology, environmental issues, and San Francisco and Tomales Bays. They would participate in Bay or coastal restoration projects. Moreover, they would lead 100 other ETC youth with special needs on educational sea kayaking trips, including providing environmental education focused on the ecology of San Francisco Bay. The fellows would also be involved in other projects including educating adult volunteer sea kayaking guides about Bay ecology and environmental stewardship; and building a traditional Aleutian kayak and learning about Russians and sea otters on the California coast, then developing a living history module to add to all future ETC sea kayaking trips, which serve approximately 800 people a year.

6. Franklin Elementary School

\$4,400

Project Title: *SPLASH – Students Practicing Language Arts in Sea Habitats*
Project Location: *San Jose*
Project Timeline: *March 2010 to June 2010*
Total Project Budget: *\$5,300*
Estimated number of people served by the project: *60*

Most of the student population at Franklin Elementary School in San Jose is Latino or Vietnamese, 80 percent of their families are classified as low-income, and 60 percent of them speak English as a second language. The school is proposing to bring 45 children (and 15 teachers and chaperones) who are in second and third grade or who have special needs to the Monterey Bay Aquarium for an overnight program. They would be able to explore the Aquarium after hours and early in the morning, participate in lessons from Aquarium staff, and learn about the different habitats of Monterey Bay and the ocean.

Additional educational activities would complement the overnight trip. Beforehand, the students would study the State Content Standards on the life cycle of plants and animals, how to identify different species, and Monterey Bay and the Pacific Ocean. They would research a particular animal and create a book about its ecosystem, life cycle, food chain, and adaptations. Students would also create an ocean mural using recycled materials. After visiting the Aquarium, the students would compile photos and write explanations of their activities and what they learned, they would put together presentations about the importance of protecting bays and oceans, and they would present to families and their fellow students. They would also join their families in participating in a local beach cleanup.

7. Jeanne Meadows Elementary School

\$7,200

Project Title: *Oceans Alive*
Project Location: *San Jose*
Project Timeline: *March 2010 to May 2010*
Total Project Budget: *\$8,600*
Estimated number of people served by the project: *90*

Meadows Elementary School, like Franklin Elementary, is in the Franklin-McKinley School District in San Jose, and also similarly, is seeking funds for their students to participate in the overnight program at the Monterey Bay Aquarium. Approximately 90 percent of the students are English Language Learners and 84 percent of their families are classified as low-income. Seventy-four children who are second graders, third graders, or special needs students, along with 16 adults, would spend the night at the Aquarium, exploring and taking part in lessons.

This group would also take part in related educational activities before and after their trip. They would study the same State Content Standards described above. They would receive a visit from the Santa Clara Valley Water District to learn about the water cycle, the life cycle of salmon, and the effects of pollution on oceans and rivers. They would research different tide zones and the animals that live there. They would receive a visit from the Marine Science Institute on life in the kelp forest. After their experience and the Monterey Bay Aquarium, the students would create narratives describing their trip and create and share presentations for families and students about the different zones (such as outer bay, rocky shore, kelp forest) of Monterey Bay.

8. Ocean Discovery Institute **\$25,000**

Project Title: *Ocean Leaders Initiative*
Project Location: *San Diego*
Project Timeline: *March 2010 to December 2010*
Total Project Budget: *\$499,295*
Estimated number of people served by the project: *100*

Discovery Institute (formerly Aquatic Adventures Science Education Foundation) involves diverse youth from San Diego’s urban neighborhoods in exploring and studying nature and the ocean and cultivating environmental stewardship. The Ocean Leaders Initiative consists of a series of after-school programs, summer programs, and ongoing support as underserved middle school students progress through high school and into college pursuing careers in science and conservation.

The first program in this initiative would involve incoming sixth-grade students who are not performing well in school and still learning English, but who have high potential to succeed. They would be matched with high school students as mentors and participate in ocean science labs and field activities twice a week for nine weeks. They would also work alongside ocean science graduate students and learn to swim and snorkel. The second program would serve students in grades 6-12 who have finished the first program and would meet weekly after school to continue lab and field-based learning activities. The third program would consist of an intensive five-week marine science research program on the Sea of Cortez in Baja California, Mexico. High school students would divide into research teams to develop and test hypotheses. After the research trip they would share their findings in San Diego as well as at professional meetings elsewhere.

In addition to these programs, students also receive ongoing support from a case manager to help address issues such as college readiness and crisis prevention. Selected students would come from the ethnically diverse, low income community of City Heights. A five-year pilot for the program concluded that participants significantly increased their academic performance and their likelihood of attending college and majoring in marine science or environmental studies.

9. Oikonos Ecosystem Knowledge **\$25,030**

Project Title: *Animals in Curriculum-Based Ecosystem Studies (ACES) - California*
Project Location: *Statewide*
Project Timeline: *April 2010 to September 2011*
Total Project Budget: *\$54,073*
Estimated number of people served by the project: *75 teachers; approx. 7,500 students per year*

Animals in Curriculum-Based Ecosystem Studies (ACES) – California is a program led by scientists and educators from the Cordell Bank National Marine Sanctuary, the nonprofit Oikonos Ecosystem Knowledge, and the U.S. Satellite Laboratory. It is a program aimed at integrating marine science content into the curriculum at middle and high schools so teachers can cover required State Science Content Standards through teaching about the ocean. Classroom lessons cover topics including watersheds, cell structure, water quality, marine debris, habitat loss, and climate change. Students track and interpret movements of marine animals by viewing real-time satellite data from NOAA. They study environmental issues the animals face such as coastal development, marine debris, or fishing regulations. They also take part in a campus debris study, Coastal Cleanup Day, and interactive webcasts with professional scientists.

A grant from the Coastal Commission would support two workshops to train 75 middle and high school teachers in implementing this program. The first workshop would be attended by 25 teachers at the California Academy of Sciences in San Francisco. The second workshop would be offered online and would reach 50 teachers throughout California. At least half of the teachers would come from schools serving high numbers of students from underrepresented groups.

10. O'Neill Sea Odyssey \$20,808

Project Title: OCEAN PROTECTORS
Project Location: San Jose
Project Timeline: March 2010 to October 2010
Total Project Budget: \$38,808
Estimated number of people served by the project: 250

O'Neill Sea Odyssey is requesting a grant for a project being conducted jointly with another nonprofit organization, Save Our Shores. Together, they would deliver a three-part program called OCEAN PROTECTORS that would provide marine debris and stormwater education to ten underserved classes from grades 4-6 in San Jose.

The first part of the program would consist of marine debris presentations and activities. Students would be taught the fundamentals of ocean science, how watersheds connect with the ocean, and the harmful effects of marine debris. The students would engage in hands-on activities focusing on the dangers of plastics for marine mammals and food webs, as well as nonpoint source pollution and how students can prevent it. Students would also participate in a beach cleanup and analyze the types of litter found, and they would keep and discuss a journal of the disposable items their families use during one week. In the second part of the program, the students would take part in educational activities on shore and onboard O'Neill Sea Odyssey's catamaran. They would learn about navigation, the ecology of the Monterey Bay National Marine Sanctuary, the water cycle and water quality, and more about watersheds, and they would collect a plankton sample and identify it with a microscope. They would also discuss possible solutions to environmental problems and ways to engage in watershed stewardship. Finally, in the third component, staff would work with teachers to incorporate the students' activities into their ongoing lessons. Classes would complete the program by taking the Coastal Commission's Coastal Stewardship Pledge.

11. Point Reyes National Seashore Association \$40,000

Project Title: SEASHORE EXPLORERS
Project Location: San Francisco Bay Area
Project Timeline: March 2010 to December 2010
Total Project Budget: \$88,165
Estimated number of people served by the project: 220-250

SEASHORE EXPLORERS is a full-immersion, residential marine science education program held at Point Reyes National Seashore in Marin County. It helps underserved, urban youth discover and connect with the marine and coastal environments. The program is divided into two separate components. In the first component, 10-15 upper elementary and middle school classes from underserved San Francisco Bay Area schools would visit the National Seashore. Their teachers would receive over 20 hours of coastal and marine environmental education training from staff at the education center there, and then with their help, develop and implement programs tailored for their students lasting 3-5 days. Topics could include tidepools, threats to the ocean from pollution and climate change, elephant seals and their near-extinction and success, dune restoration, stream health, and wetland restoration. In the second component, 68 underserved youth ages 7-17 would have the opportunity to attend a five-day summer session at Point Reyes Nature Science Camp. Campers would choose among different activities focusing on marine ecology, coastal natural history, Native American arts and culture, or environmentally responsible wilderness recreation.

SEASHORE EXPLORERS would reach students from ethnically diverse underserved schools and some recent international refugee children in the Bay Area. Project staff are also planning to create a new program adding indigenous culture and language to serve children of Coast Miwok and Southern Pomo descent.

12. San Francisco State University**\$25,000*****Project Title: Romberg Tiburon Center's Sea Lion Bowl Diversity Initiative******Project Location: San Francisco Bay Area******Project Timeline: April 2010 to March 2012******Estimated number of people served by the project: 75***

San Francisco State University operates the Romberg Tiburon Center for Environmental Studies, a marine science research and teaching facility on San Francisco Bay. The Romberg Tiburon Center, along with the university's College of Science and Engineering, hosts the "Sea Lion Bowl" in northern California. A member of the National Ocean Sciences Bowl, this is a quiz-style high school science competition with regional events and national finals. It is intended to increase students' knowledge of the ocean and the public's understanding and stewardship for the ocean.

The Diversity Initiative recruits Bay Area public high schools that are classified as low-income or have significant populations of students of color. Once a school is accepted to participate, it will select up to 25 students to take part in tutoring and mentoring in the ocean sciences, field trips to marine science research or education facilities, practice sessions with other schools, and extended-learning college classes in marine science. Their teachers receive educational resources and professional development. At the end of the program, the students conduct team research projects and compete against 14 other regional teams. The Initiative is designed as a three-year "starter" program, after which schools would independently be able to continue marine science programming as a part of their curriculum.

The Diversity Initiative is currently active at two Bay Area high schools. A WHALE TAIL grant would support the cost of recruiting a third school and helping continue the program at all three schools for two more years.

13. Save the Whales**\$9,997*****Project Title: "A Whale of a Rhythm"******Project Location: Monterey and Santa Cruz counties******Project Timeline: March 2010 to December 2010******Total Project Budget: \$10,297******Estimated number of people served by the project: 1,050***

In 2006, the Coastal Commission awarded a grant to the Pacific Cetacean Group to develop and deliver the "Whale of a Rhythm" Program. In this program, students experience science and music together as they learn about the sounds cetaceans make and how and why they communicate with each other. They also learn about the impacts that underwater noise pollution has on whale and dolphin communication. As part of the program, the students play drums and other percussion instruments along to recordings of cetacean vocalizations, imitating their rhythms and patterns. They call and respond to each other in the type of conversation that whales and dolphins have with each other, and they try to continue communicating when recordings of noise pollution interfere with their percussion. These classroom activities are accompanied by educational materials for participating teachers on the topics of cetaceans, whale songs, and marine life conservation.

Following the completion of the Coastal Commission's previous grant, the Pacific Cetacean Group dissolved its organization, handing over the tools for this program to another nonprofit, Save the Whales. Save the Whales is proposing to revive this program by educating students free of charge in grades 1-6 at underserved schools in communities such as Salinas, Watsonville, and Soledad. Save the Whales plans for this revival to create familiarity and demand for the program so that it can successfully continue in the future.

14. Scott Valley Unified School District

\$9,800

Project Title: Klamath Connection

Project Location: Siskiyou County

Project Timeline: April 2010 to June 2011

Total Project Budget: \$14,950

Estimated number of people served by the project: 177 (plus coastal elementary students)

The Scott Valley Unified School District is located in a rural mountain valley in the Klamath River watershed in Siskiyou County. One school in the district, Etna Elementary, received a WHALE TAIL grant in 2007 to start a marine science program for its students. Two other schools in the district, Fort Jones Elementary and Quartz Valley Elementary, are now requesting funds to implement similar programs at their schools as well.

The “Klamath Connection” would consist of a series of activities focusing on environmental issues along the Klamath River and at the coast where the river ends. Students would explore the ecological and cultural requirements for healthy riparian habitat for salmon and other organisms. A coastal and marine center would be established at each school and would include models, specimens, and an aquarium for students to take part in hands-on lessons on a different topic each month. The schools would also have a garden to grow coastal grasses and other plants. These plants would be installed by sixth-graders during two restoration and study field trips following the Klamath River watershed down to the estuary and nearby coastline. During the trip they would stop to observe the different environments linking their valley to the coast. Once at the sea, they would camp for three nights and conduct habitat restoration alongside members of the Yurok Tribe and a local elementary school (whose students would be invited to travel up the watershed to visit the Scott Valley students at the headwaters). The final element of this program would be a “Klamath Connection Fair” to display student projects and reports to the local community. After the school year is completed, this program would be incorporated into the regular curriculum.

15. Tuolumne River Trust

\$20,000

Project Title: Trekking the Tuolumne – Riverbeds to Coastal Waters

Project Location: Stanislaus County

Project Timeline: March 2010 to July 2011

Total Project Budget: \$79,723

Estimated number of people served by the project: 80 students in pilot program

The Tuolumne River Trust currently operates the “Trekking the Tuolumne River” program for 700 students. It teaches elementary students in the Central Valley about the Tuolumne, its value to the community, and how to be good stewards of the river. The program includes classroom activities, help in developing service learning projects, and hands-on activities at the river to learn about watersheds, water quality, the riparian ecosystem, and the salmon lifecycle. This grant proposal is for adding a coastal component to provide students with a more thorough understanding of the Tuolumne’s connection to other rivers and the ocean. Students would learn to trace the river to the Delta and the Pacific Ocean, learn how river conditions effect conditions downstream, visit salmon spawning grounds during the fall migration, raise salmonids in their classroom, release them into the wild, and tour The Marine Mammal Center and the Bay Model in the San Francisco Bay Area.

The new coastal component would first be added at a school already participating in the “Trekking” program, Salida Elementary. It is a Title I magnet school for science, math, and technology, where two-thirds of the students come from underserved backgrounds. The pilot program would involve 80 students in grades 4 and 5. Their teachers would receive training so they could continue the program in the future. The Trust intends to expand this new component into other schools after the completion of this pilot program.

16. UC Berkeley, Lawrence Hall of Science

\$26,605

Project Title: *Youth Experiencing the Ocean: Field-Based Explorations in Ocean Sciences*
Project Location: *Oakland*
Project Timeline: *May 2010 to December 2011*
Total Project Budget: *\$46,915*
Estimated number of people served by the project: *270*

The Lawrence Hall of Science at UC Berkeley operates the MARE program (Marine Activities, Resources and Education), a national whole-school, interdisciplinary marine science program. MARE is currently operating an Ocean Sciences Academy at Lionel Wilson College Preparatory Academy, a charter school in Oakland. The Ocean Sciences Academy serves diverse students in grades 6-8 from Lionel Wilson and two other schools who struggle academically. The Ocean Sciences Academy is a classroom program and grant funds are requested to add a series of hands-on educational field trips to the students' experiences.

The field trips would consist of three different types. The first type would bring students in the Ocean Sciences Academy to sites such as Pillar Point Beach, Arrowhead Marsh, and the Richardson Bay Audubon Center and Sanctuary. The outings would be combined with professional development for teachers so they could learn more about marine resources and can effectively lead the explorations. The second type of outing would be five weekend field explorations for students in grades 6-11 and their parents to engage in hands-on investigations and meetings with scientists in locations such as Elkhorn Slough and the Romberg Tiburon Center for Environmental Studies. Bilingual workshops would also be offered to parents on topics such as optimizing student learning. Finally, students in grades 6-11 could apply for a five-day SF Bay Explorers Camp for hands-on studies such as intertidal organism distribution at Fitzgerald Marine Reserve, sand analysis and coastal geology at Rodeo Beach, and Bay Area connections to the ocean at Angel Island State Park.

17. Clean Water Fund

\$9,999

Project Title: *Taking Out the Trash: A Marine Debris/Zero Waste Education Project*
Project Location: *Richmond, Oakland, San Jose, South San Francisco*
Project Timeline: *April 2010 to March 2011*
Total Project Budget: *\$73,200*
Estimated number of people served by the project: *4 workshops; number of people TBD*

The San Francisco Bay Regional Water Quality Control Board is requiring that the Total Maximum Daily Load of trash inputs to the Bay be zero by 2012. To work toward that goal, the nonprofit Clean Water Fund is coordinating a zero waste education pilot program. This pilot would be a component of "Taking Out the Trash," a large collaborative project in Richmond, Oakland, San Jose, and South San Francisco. "Taking Out the Trash" will use citizen monitoring and volunteer groups to collect data from trash "hot spots," including which types of businesses the litter items came from, brand names, and what types of items they are. The project is anticipating funding by the Environmental Protection Agency, but that grant would not pay for public education.

Funds from the Coastal Commission would specifically support educating local businesses about the importance of waste reduction. After analyzing trash collected in the four cities listed above through the use of devices in selected storm drains, the Clean Water Fund would hold workshops in the four different cities to present the data, including the local businesses that could be identified as being the source of some of that litter. The businesses would be educated about the impacts of marine debris, and business leaders would be asked to brainstorm voluntary measures that would help solve the problem. Clean Water Fund would share zero waste strategies used by other businesses, as well as cost/benefit information about using reusable items versus disposable items. Clean Water Fund would also develop a zero waste award for local businesses.

18. Fresno Chaffee Zoo

\$9,999

Project Title: *Stingray Bay – A Touching Experience*

Project Location: *Fresno*

Project Timeline: *March 2010 to September 2010*

Total Project Budget: *\$55,160*

Estimated number of people served by the project: *175,000 annually*

Chaffee Zoo is located in Roeding Park in Fresno and serves visitors from five different counties of the Central Valley. The Zoo recently decided to make permanent a previously temporary exhibit called “Stingray Bay – A Touching Experience.” The exhibit features an 11,000 gallon saltwater pool with Southern stingrays and Cownose rays that visitors can touch, watch, and feed. The exhibit is very popular and is credited for significantly raising zoo attendance.

Now that the exhibit is permanent, the Zoo is requesting funds to make it a source of inspiration for visitors to understand their connection to the ocean and become better ocean stewards. The Zoo plans to add information from the Monterey Bay Aquarium’s Seafood Watch program to the exhibit by distributing English and Spanish Seafood Watch pocket guides listing sustainable and non-sustainable seafood choices, and by creating bilingual signs and activities to help visitors determine which types of seafood would be the best choices to purchase. The Zoo is incorporating an actual fishing boat being into the exhibit that guests will be able to climb aboard. Funds are requested to add signs on the boat featuring easy actions people can take to help the ocean when they go fishing. A third component of the project would be to educate docents so they can incorporate ocean stewardship messages into their interpretive talks with visitors. Finally, a “Conservation Action” board would be added to the exhibit and visitors would be encouraged to write down something they will do to help protect the ocean.

19. Jacoby Creek Land Trust

\$9,414

Project Title: *Workshop Series - Living Upstream from the Humboldt Bay Ecosystem*

Project Location: *Northern Humboldt Bay*

Project Timeline: *March 2010 to March 2012*

Total Project Budget: *\$13,514*

Estimated number of people served by the project: *100-150*

The Jacoby Creek Land Trust works to preserve land in the northern Humboldt Bay watershed. Waterways there contain native populations of four species of salmonids and have some of the best habitat in northern California for Coho salmon. The land trust is proposing a series of seven public education workshops targeting local riparian landowners and other members of the general public about best practices in riparian habitat management. A previous creek workshop received positive feedback and good attendance and resulted in requests for additional land management workshops.

The workshop series would be advertised to the public and would cover a wide range of relevant topics including: road maintenance and design to reduce erosion and sediment runoff; managing invasive species in the riparian zone; native plant propagation techniques; climate change, its predicted effects on Humboldt Bay, and carbon sequestration; insects and fish of the Humboldt Bay Estuary; how conservation easements work; and creek water quality. The workshops would be led by land trust staff in collaboration with different experts such as design professionals, Humboldt State University professors, and staff of the Department of Forestry and other government agencies.

20. Los Cerritos Wetlands Authority **\$18,000**

Project Title: *Los Cerritos Wetlands Stewardship Program*

Project Location: *Long Beach*

Project Timeline: *June 2010 to September 2011*

Total Project Budget: *\$70,000*

Estimated number of people served by the project: *5,000*

The Los Cerritos Wetlands consists of 500 acres of degraded open space at the mouth of the San Gabriel River. Representing one of the last remaining coastal salt marshes in southern California, the wetlands once covered 2,400 acres of land. The Los Cerritos Wetlands Authority was established to help protect and conserve the remaining habitat. The Wetlands Authority is a joint powers authority comprised of members of the State Coastal Conservancy, the cities of Long Beach and Seal Beach, and the San Gabriel and Lower Los Angeles Rivers and Mountains Conservancy. The Wetlands Authority operates the Los Cerritos Wetlands Stewardship Program. This program began in 2009 with funding which is scheduled to expire in 2010, and a WHALE TAIL Grant is requested to continue the program after the conclusion of the other funding.

The Stewardship Program involves community volunteers in habitat conservation at the Los Cerritos Wetlands, developing public appreciation for the area in the process. During their volunteer work, community members would participate in a nature walk and learn about native and non-native plant species and the special adaptations of native salt marsh plants and animals. During the grant period, the Stewardship Program would continue its Adopt-A-Wetland program to encourage community groups to remove litter from the habitat. Monthly marsh cleanups would also be held, open to the general public. Community volunteers would remove non-native trees, shrubs, and weeds at three public restoration events per month. A volunteer database would be developed to increase organizational capacity. Finally, the Los Cerritos Wetlands Stewards would conduct a seed collection and propagation project for the rare Southern tarplant.

21. Santa Barbara Museum of Natural History **\$9,500**

Project Title: *“Superpowers” Exhibit*

Project Location: *Santa Barbara*

Project Timeline: *April 2010 to June 2011*

Total Project Budget: *\$49,445*

Estimated number of people served by the project: *60,000*

The Santa Barbara Museum of Natural History operates the Ty Warner Sea Center at Stearns Wharf. The Sea Center hosts approximately 60,000 visitors per year from Santa Barbara, San Luis Obispo, Ventura, and Los Angeles counties. The Sea Center is planning a one-year exhibit about local “superpowered” marine life of the Santa Barbara Channel, the “villains” that threaten them, and the ability of people to become “heroes” for the ocean through everyday actions.

The exhibit would be divided into three areas. The first area would consist of a series of aquariums featuring local marine species with especially interesting abilities (such as mantis shrimp which are strong enough to throw punches), a touch tank, short films, and engaging interactive components (such as a game where a large model of the mantis shrimp’s punching mechanism could be used to launch pinballs). The second area would focus on threats to these species and how people are also threatened by loss of marine life. It would feature exhibits such as a tank with floating jellyfish next to a tank with floating plastic bags (illustrating how the two look similar), or fish swimming in an aquarium lined with simulated trash. The third area would focus on positive solutions and would feature a computerized pledge kiosk, a super-hero dress-up station, hidden solutions to ocean pollution which visitors put on special glasses to read, and real-life local ocean heroes, all of which would inspire visitors to be ocean heroes themselves.

22. Watershed Discovery Foundation/Monterey Bay Sanctuary Foundation **\$20,000**

Project Title: *Watershed on Wheels*
Project Location: *San Mateo County*
Project Timeline: *April 2010 to March 2012*
Total Project Budget: *\$105,214*
Estimated number of people served by the project: *1,400 in the first year*

The Monterey Bay Sanctuary Foundation is the fiscal sponsor for the Watershed Discovery Foundation (WDF), which has received a donated bus. WDF is planning to turn this bus into a traveling educational wet chemistry laboratory called the WOW Bus – Watershed on Wheels. The bus needs to be gutted and then outfitted with flooring, cabinetry, lab tables, benches, new tires, scientific equipment, and new electrical and water systems. The outside would be painted with a mural illustrating nonpoint source pollution, litter prevention, and water protection.

Once ready, the bus would travel to diverse schools in San Mateo County (including schools in underserved areas) and offer the opportunity for students in grades 5-7 to rotate through several laboratory stations on board. They would study macroinvertebrates, test water quality, and use watershed models to see the effects of nonpoint source pollution on the marine environment. Students would receive a visit from WDF to their classrooms beforehand to review watershed ecology and their teachers would get supplementary educational materials. The students would then conduct further data analysis at school afterward, and they would choose and conduct a community outreach project promoting watershed health. In addition, the WOW bus would travel to local community fairs and festivals to educate the general public about watershed stewardship.

23. Trails4All **\$12,000**

Project Title: *Santa Ana River Watershed Cleanup Opportunities*
Project Location: *San Bernardino and Riverside counties*
Project Timeline: *April 2010 to November 2010*
Total Project Budget: *\$35,650*
Estimated number of people served by the project: *number of agency representatives TBD*

Trails4All is a nonprofit organization based in Orange County. Trails4All currently serves as the co-coordinator of Coastal Cleanup Day (CCD) for Orange County (responsible for the inland sites) and San Bernardino County, and as the coordinator for Coastal Cleanup Day in Riverside County. The annual September Coastal Cleanup Day is the most prominent event in the Coastal Commission's year-round Adopt-A-Beach program. The Commission has been working to expand Coastal Cleanup Day to as many California counties as possible and has been adding upstream cleanups, in order to remove litter before it has the chance to reach the coast.

This grant would support efforts to recruit new CCD participants in San Bernardino and Riverside counties. Trails4All staff would educate public agencies such as local city and county governments, parks, or water districts about their particular jurisdiction's position in the Santa Ana River watershed and how cleanups in their areas would represent upstream coastal cleanups. Staff would then propose that those agencies host community volunteer cleanups on Coastal Cleanup Day. Education and outreach to the public agencies would include phone calls, personal meetings, printed materials, and PowerPoint presentations. The goal of this project would be to add new, ongoing cleanup sites for Coastal Cleanup Day 2010 and beyond.

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>2000/2001 \$359,000 Total</p> <p>Funds avail. for targeted grants: \$187,000</p> <p>Funds avail. for competitive grants: \$172,000</p> <p>Requests received: 122 totaling \$2,582,569</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 Earth Day Kids’ Cleanup Program \$40,000</p> <p>New School Curriculum Project \$50,000</p> <p>Restoration Education Program in Newport Bay \$15,000</p> <p>California Dept. of Forestry and Fire Protection for updating the Environmental Education Compendium for Natural Communities \$10,000</p> <p>Monterey Bay Sanctuary Foundation for Citizen Watershed Monitoring Network \$10,000</p> <p>California Environmental Education Interagency Network for the Environmentality Project \$2,000</p>	<p>Calif. State Parks, Gaviota Sector for the Adopt-A-School Program and Educator’s Workshop \$9,890</p> <p>O’Neill Sea Odyssey, Santa Cruz, for Project Discovery \$10,000</p> <p>Orange County CoastKeeper for the Marine Ecosystem Education Program \$7,000</p> <p>Farallones Marine Sanctuary Association, San Francisco for the Sanctuary Explorers Camp \$8,495</p> <p>Mayo Elementary School, Compton for community environmental awareness and ocean conservation education \$5,655</p> <p>Sunnyside High School, Fresno for beach and ocean education \$6,220</p> <p>Calif. State Parks, Doheny State Beach Lifeguards for the Youth Awareness Program \$25,200</p> <p>Glendale Public Library for “A Whale of a Tale” \$9,300</p> <p>Upper Sacramento River Exchange, Dunsmuir for a “Headwaters to Sea” public exhibit \$9,000</p> <p>Chula Vista Nature Center for interpretive elements at bay/wetland exhibit \$6,000</p> <p>University of Southern California Sea Grant Program for the Parent Child Education Program \$21,870</p> <p>Guadalupe-Nipomo Dunes Center for youth and seniors exchanging cultural and natural history \$13,380</p> <p>Creative Environmental Conservation for Return of the Natives at Moss Landing Dunes State Beach \$10,000</p> <p>Heal the Bay for its Adopt-A-Beach Program in Los Angeles County \$15,000</p> <p>Northcoast Environmental Center for the Marine Debris Education Project in Humboldt County \$4,990</p> <p>Ocean Song Farm and Wilderness Center, Sonoma County for watershed education field trips \$10,000</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>Wishtoyo 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>

Fiscal Year	Targeted Grants	Competitive Grants
<p>2008/2009 \$743,000 Total</p> <p>Funds avail. for targeted grants: \$337,000</p> <p>Funds avail. for competitive grants: \$406,000</p> <p>Requests received: 158 totaling \$3,591,045</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 \$86,900</p> <p>Heal the Bay Adopt-A-Beach Program \$30,000</p> <p>I Love A Clean San Diego Adopt-A-Beach Program \$26,100</p> <p>Tides Center for School-Based Marine Education Program \$62,000</p> <p>Tides Center for Community-Based Wetland Restoration and Education \$45,000</p> <p>California Environmental Education Interagency Network for the Environmentality Project \$2,000</p>	<p>Chula Vista Elementary School District for science education at the Chula Vista Nature Center \$22,454</p> <p>San Diego Canyonlands for the Coastal Canyon Education and Restoration Project \$8,350</p> <p>Boys & Girls Clubs of Tustin for the SeaTech program \$26,700</p> <p>California State University, Fullerton for an ocean science program for the Anaheim Union High School District \$41,500</p> <p>Newport Bay Naturalists and Friends for full-day field trips at Upper Newport Bay for underseved high school students \$9,900</p> <p>Laguna Ocean Foundation for tidepool education for the public at Heisler Park Marine Reserve \$8,350</p> <p>Orange County Coastkeeper for a new eelgrass laboratory at the Back Bay Science Center in Newport Beach \$15,120</p> <p>Pacific Marine Mammal Center, Laguna Beach, for the Pinniped Pollution Project \$9,975</p> <p>Algalita Marine Research Foundation of Long Beach for a new website mapping marine debris in the Pacific Ocean \$8,350</p> <p>Camino Nuevo Charter Academy, in the Westlake neighborhood of Los Angeles, for seventh-grade students to visit and research Santa Catalina Island \$5,000</p> <p>El Dorado Nature Center for the Adopt-A-Wetland program at Golden Shore Marine Reserve in Long Beach \$5,000</p> <p>Surfrider Foundation, West Los Angeles/Malibu Chapter for a water quality testing laboratory and program at Santa Monica High School \$39,135</p> <p>Central Coast Natural History Association for a middle school marine science program at San Luis Obispo County state parks \$9,918</p> <p>Monterey Bay Aquarium Foundation for training teachers in Watsonville on integrating ocean conservation and science education into their curriculum \$35,000</p> <p>Pacifica Beach Coalition for involving children at Pacifica's after-school programs in the Adopt-A-Beach Program \$23,000</p>

Fiscal Year	Targeted Grants	Competitive Grants
2008/2009 (continued)		<p>San Mateo County Resource Conservation District for workshops about the San Vicente Creek watershed \$9,999</p> <p>KIDS for the BAY for the Watershed Action Program for eight elementary school classes in Oakland \$27,000</p> <p>Golden Gate Audubon Society for the Eco-Richmond Environmental Education Program for students and families in north Richmond \$7,500</p> <p>The Watershed Project in Richmond for community restoration and monitoring of native oyster beds in San Francisco Bay \$25,000</p> <p>Robla Elementary School District, Sacramento, for sixth grade students at Glenwood Elementary School to attend the Headlands Institute in Marin County \$9,363</p> <p>Point Reyes National Seashore Association for the Urban Youth Marine Science Education Program \$16,000</p> <p>Stewards of the Coast and Redwoods for strengthening the volunteer tidepool docent program at Sonoma state beaches \$8,208</p> <p>Sequoia Park Zoo Foundation for a new exhibit at the Sequoia Park Zoo in Eureka about urban impacts on salmon \$17,958</p> <p>Wiyot Tribe for a marine education program for young tribal members at the Table Bluff Reservation in Humboldt County \$8,432</p> <p>Del Norte County Unified School District for the Redwood Coast Curriculum Project for students in grades 4-6 \$9,998</p> <p>Keep California Beautiful for beach litter reduction outreach in the Monterey and Long Beach areas \$9,840</p> <p>National Marine Sanctuary Foundation for creating a Spanish-language website for the “Thank You Ocean” Campaign \$15,000</p>

Fiscal Year	Targeted Grants	Competitive Grants
2009/2010 \$704,000 Total	Foundation of California State University Monterey Bay for Camp SEA Lab up to \$60,000	<i>To be approved at February 2010 Coastal Commission meeting.</i>
Funds avail. for targeted grants: \$332,000	Adopt-A-Beach School Assembly Program and Kids' Cleanup Program \$86,900 Heal the Bay Adopt-A-Beach Program \$30,000	
Funds avail. for competitive grants: \$372,000	I Love A Clean San Diego Adopt-A-Beach Program \$26,000 Tides Center for School-Based Marine Education Program \$70,500	
Requests received: 125 totaling \$2,688,936	Tides Center for Community-Based Wetland Restoration and Education \$48,800 San Francisco Ocean Film Festival for the 2010 Festival \$1,000	
	Earth Alert for the "Heroes of the Coast" Project \$8,800	

Attachment B: 2009/10 Competitive Whale Tail Grant Proposals

Organization Name	Project Title	Requested
32nd Street Magnet School	With Love, From Our Home to Yours	\$10,000
Algalita Marine Research Foundation	Plastics Are Forever Youth Summit	\$12,480
American Cetacean Society	Cetacean Curriculum for K-5 Students in Underserved Communities	\$37,315
American Tall Ship Institute	Marine Science Programs for Youth in Ventura County	\$21,707
Amigos de Bolsa Chica	Interpretive Aids at Bolsa Chica State Beach Visitors' Center	\$17,800
Arcata Community Recycling Center	Seeing the Sea and Marine Debris	\$9,799
Art From Scrap	Watershed Resource Center	\$10,000
Bay Area Discovery Museum	Whales & Trails: a Marine and Coastal Education Project	\$30,700
Bell Gardens High School	Field Study of Adaptations of Estuarine Organisms of Upper Newport Bay	\$5,555
Berkshire Elementary School	KEEP It Green!	\$9,999
Boys & Girls Clubs of Monterey County	Ocean All-ST.A.R.S. (Students Attaining Results through Science)	\$50,000
California Community Forests Foundation	From the Mountains to the Sea: The Conifer Connection	\$9,950
California Lutheran University	Upward Bound: Opening Our Eyes to the Sea	\$31,000
California Science Center Foundation	Marine Biology Camp on Catalina Island	\$10,000
California State Parks, Monterey District	Point Lobos Summer Adventures Program	\$10,000
California State Parks, San Diego Coast District	Surf to Sand through Soccer	\$8,700
California State Parks, San Diego Coast District	Carlsbad Beach Fest 2010	\$8,998
Camp Ocean Pines	Watershed Community Program	\$50,000
Channel Islands Restoration	Channel Islands Habitat Restoration Project	\$18,576
Chula Vista Nature Center	Wetland Youth Adventures!	\$34,325
Chumash Maritime Association	Coastal Stewardship Program	\$9,460

Organization Name	Project Title	Requested
City of Carpinteria	Carpinteria Marine Ecology	\$2,500
City of Carpinteria	Coastal Watershed Education Program	\$4,226
City of Costa Mesa	Costa Mesa High School WHALES program	\$5,000
Clean Water Fund	Taking Out the Trash	\$35,250
Coastal Watershed Council	Trees to Seas Summer Environmental Education Program	\$26,054
County of Los Angeles Department of Public Works	Brag About Your Bag Campaign	\$50,000
Cross Culture Exchange (CCEUSA)	Environmental Value Education Program - Sustaining Life on Earth Project	\$20,000
EarthTeam Environmental Network	Eco-Stewards	\$50,000
El Granada Elementary School PTO	Coastal Kinder Quad Project	\$6,700
Elk Valley Artisans	Harbor Mural Project 2010	\$10,275
Environmental Action Committee of West Marin	Point Reyes Birding and Nature Festival	\$7,000
Environmental Charter High School	Rise Above Plastics, Stand Up and Speak	\$49,940
Environmental Traveling Companions	Youth LEAD Fellowship: Bay Education Project	\$24,000
Feed the Minds	Project Orca	\$6,000
Franklin Elementary School	SPLASH - Students Practicing Language Arts in Sea Habitats	\$4,400
Fresno Chaffee Zoo	Stingray Bay - A Touching Experience	\$13,955
Friends of Colorado Lagoon	Colorado Lagoon Champions Curriculum	\$10,000
Friends of Monterey Academy of Oceanographic Science	Urban Creek Runoff Studies in Monterey	\$24,387
Friends of Santa Cruz State Parks	PORTS (Parks Online Resources for Teachers and Students)	\$50,000
Friends of Sausal Creek	Stream Team Education Program	\$15,302
Friends of the Dunes	Humboldt Coastal Nature Center Interactive Exhibits Project	\$19,778
Friends of the Elephant Seal	Multilingual Outreach and Education	\$15,734
Golden Gate Audubon Society	Eco-Richmond Environmental Education Program	\$10,000
Golden Gate National Parks Conservancy	WISE (Watersheds Inspiring Student Education	\$25,000
Guadalupe-Nipomo Dunes Center	Coastal Dunes, Watershed Education, and Service Learning Partnership	\$17,116

Organization Name	Project Title	Requested
High Tech High San Diego Bay Study	Invasive Species Study of San Diego Bay	\$9,750
Hilton Bialek Habitat	Marine Debris Education Initiative	\$20,350
Holmes Middle School	Chaparral to Ocean Science School	\$20,300
Inside the Outdoors Foundation	"Where Do I Flow?" Student & Community Watershed Education	\$46,318
Jacoby Creek Land Trust	Workshop Series - Living Upstream from the Humboldt Bay Ecosystem	\$9,914
Jeanne Meadows Elementary School	Oceans Alive	\$7,200
Jefferson Elementary International Baccalaureate School	"Beach Trash - A Whale of a Problem!"	\$4,126
Laguna Ocean Foundation	Tidepool Education Program at Heisler Park State Marine Reserve	\$9,760
Linscott Charter School	Stop Marine Debris in Our Neighborhood	\$9,905
Long Beach Marine Institute	Marine Science Outreach Program	\$17,275
Los Angeles Conservation Corps	Conservation through Kayaking	\$39,000
Los Cerritos Wetlands Authority	Los Cerritos Wetlands Stewardship Program	\$18,000
Los Cerritos Wetlands Stewards	Seal Beach Community Dune Restoration Program	\$9,800
Los Serenos de Point Vicente	Future Guardians Program	\$8,500
Malibu Lagoon Interpretive Association	Education Through Exploration: Understanding the Malibu Lagoon	\$4,450
Marine Science Institute	Discovering Our Coast	\$15,000
Mountain View Sanitary District	Oceans Protection Component for Wetlands/Watershed Field Trip	\$14,000
Northcoast Marine Mammal Center	"Seal School" Educational Program	\$41,535
Northern Humboldt Union High School District	Samoa Dunes Study and Restoration	\$9,875
Oakmont Outdoor School	Santa Cruz Island Coastal Experience	\$16,050
Ocean Discovery Institute	Ocean Leaders Initiative	\$25,000
Ocean Song Farm and Wilderness Center	From Creeks to the Ocean	\$10,000
Oceanographic Teaching Stations, Roundhouse Marine Studies	Public Education Improvement Project	\$6,116
Oikonos Ecosystem Knowledge	Animals in Curriculum-Based Ecosystem Studies (ACES)-California	\$25,030
O'Neill Sea Odyssey	OCEAN PROTECTORS	\$20,808

Organization Name	Project Title	Requested
Orange County Coastkeeper	Orange/LA County Coastal Watershed Citizen Monitoring Project	\$19,180
Orick School	Surf Riders and Beach Stewards Project	\$9,000
Pajaro Valley High School	Integrated Environment Curriculum and Community Action	\$50,000
Palos Verdes Peninsula Land Conservancy	Third Grade Naturalist Program	\$24,800
Point Reyes National Seashore Association	SEASHORE EXPLORERS	\$45,000
PRBO Conservation Science	Pocket Guide to Seabirds of California	\$15,096
Pro Peninsula Fund, The Ocean Foundation	Ocean Connectors Marine Life Education Program	\$8,500
Reseda High School Science Magnet	Santa Monica Mountain Institute (Nature Bridge)	\$8,850
Resource Conservation District of the Santa Monica Mountains	Water Run-Off Conference 2010	\$46,611
Richardson Bay Audubon Center & Sanctuary	Bay Science & Stewardship, Grades 3-6	\$22,605
Riverside County Library System	Celebrating Our Ocean Heritage	\$25,200
Salmon Protection and Watershed Network (SPAWN)	SPAWN C.R.E.A.T.E.S. Clean Creeks	\$49,323
San Clemente Watershed Task Force	Adopt a Beach San Clemente	\$3,900
San Diego River Park Foundation	It All Starts Upstream!	\$25,000
San Diego Stream Team	iConnect: Streams to Ocean	\$49,939
San Francisco State University	Sailing and Science Youth Camp	\$5,050
San Francisco State University	Romberg Tiburon Center's Sea Lion Bowl Diversity Initiative	\$31,000
San Francisco Unified School District's Environmental Science	Conservation Connection: An Urban Watershed Project	\$18,856
Santa Barbara Museum of Natural History	Superpowers Exhibit	\$9,500
Santa Cruz County Outdoor Science School	Forest to Sea Watershed Education Project	\$35,868
Save The Whales	A Whale of a Rhythm: Ocean Education through Science and Music	\$9,997
Scott Valley Unified School District	Klamath Connection	\$9,800
Sequoia Park Zoo Foundation	Zoofari Adventures: Be a Salmon Saver!	\$8,695
Seymour Marine Discovery Center, UC Santa Cruz	From Stream to Sea Coastal Watershed Education Program	\$27,770

Organization Name	Project Title	Requested
Small Wilderness Area Preserve	Field Trips for Public and Private Schools	\$800
STAR, Inc./STAR ECO Station	World Ocean Day	\$50,000
The Otter Project, Inc.	You Otter Know	\$36,020
The Watershed Project	Oysters on the Half Shell	\$26,427
Trails4All	Santa Ana River Watershed Cleanup Opportunities, Education Project	\$35,650
Tuolumne River Trust	Trekking the Tuolumne - Riverbeds to Coastal Waters	\$20,000
U.S. Grant High School, Freshman Academy	We are Stewards of an Ocean Planet	\$50,000
University Corp. at Monterey Bay - Return of the Natives	Bullets to Butterflies - Keeping Restoration Going at the Fort Ord Dunes	\$32,748
University of California Berkeley, Lawrence Hall of Science	Youth Experiencing the Ocean: Field-Based Explorations in Ocean Sciences	\$31,325
University of California, Birch Aquarium at Scripps, UCSD	Coastal Connections	\$21,841
University of California, Santa Barbara	Kids in Nature Program	\$43,692
Ventura Hillside Conservancy	Community Coastal Wetland Restoration - Ventura River Watershed	\$25,890
Watershed Discovery Foundation	Watershed on Wheels	\$39,100
Watsonville Wetlands Watch	Summer Wetland Monitoring Project (SWAMP)	\$12,500
Westlake School	Sailing Field Trip	\$900
World Savvy	Mavericks Ocean and Coastal Education Initiative	\$43,460