

CALIFORNIA COASTAL COMMISSION

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January 26, 2006

FROM: Peter Douglas, Executive Director
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W25a

SUBJECT: **Proposed Awarding of Funds from Sales of the Whale Tail License Plate –
 Competitive Grants Program (for Coastal Commission Meeting on Feb. 8, 2006)**

SUMMARY OF STAFF RECOMMENDATION

Approve the following 26 competitive grants, which total \$385,000

Youth programs (totaling \$227,730):

- Algalita Marine Research Foundation (\$26,060)
- Animo Leadership High School (\$9,990)
- Aquatic Adventures Science Education Foundation (\$9,500)
- Bell Gardens High School (\$3,425)
- Birch Aquarium/Regents of UC (\$30,000)
- Downtown Magnets High School (\$6,703)
- Farallones Marine Sanctuary Association (\$9,230)
- Mattole Restoration Council (\$10,000)
- Ocean Discovery! (\$25,315)
- Pacific Cetacean Group (\$6,700)
- San Diego Coastkeeper (\$13,500)
- San Francisco Unified School District (\$17,540)
- Santa Barbara Channelkeeper (\$9,900)
- Sierra Club Foundation (\$6,530)
- Wishtoyo Foundation (\$9,800)
- YMCA Point Bonita/YMCA of San Francisco (\$10,000)
- Yolo County Office of Education (\$9,987)
- Youth Employment Partnership (\$13,550)

Programs for the general public (totaling \$139,930):

- California Department of Parks and Recreation, Mendocino District (\$22,000)
- Coyote Point Museum (\$26,000)
- Foundation of CSU Monterey Bay/Return of the Natives (\$40,535)
- Lakeside's River Park Conservancy (\$8,895)
- Manila Community Services District (\$10,000)
- Rural California Broadcasting Corporation (\$7,500)
- Santa Monica Baykeeper (\$25,000)

Adopt-A-Beach programs (totaling \$17,340):

- Coastwalk (\$17,340)

Subtotal small grants (\$10,000 and under): \$128,160 (33%)

Subtotal large grants (\$10,001 - \$50,000): \$256,840 (67%)

Motion: I move that the Commission approve the 26 competitive grants recommended by staff for Whale Tail License Plate funding (FY2005/06), 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 December 2005 a total of 133,819 Whale Tail Plates have been sold. Sales and renewal fees (plus miscellaneous other small fees) have contributed \$8,303,849 to the CBCEA, and \$18,831,739 to the ELPF. The additional fees that are charged for personalized plates go to the ELPF.

Targeted Grants for FY 2005/06

At its September 2005 meeting, the Commission voted to allocate the \$778,000 FY 2005/06 grantmaking budget as follows: seven targeted grants totaling \$393,000, and the remaining \$385,000 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.

The Competitive Grants Program for FY 2005/06

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 August. The deadline for submittal of grant applications was November 15, 2005. 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. The staff received 103 grant applications, which requested a combined total of \$2,171,843, over five times the amount of funding available. 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 26 programs listed below (\$385,000 total).

**Staff Recommendations for
Competitive Whale Tail Grant Awards for FY2005/06**

1. Algalita Marine Research Foundation \$26,060

Project Title: *Plastics Are Forever*
Project Location: *Southern California*
Project Timeline: *March 2006 to June 2006*
Total Project Budget: *\$26,060*
Estimated number of people served by the project: *300 students*

The Algalita Marine Research Foundation (AMRF) was founded in 1994 and focuses on research and education regarding plastic pollution in the Pacific Ocean. Two years ago, the Coastal Commission provided a grant to support AMRF's pilot of *Plastics are Forever*, which involved ninth-grade students at the Environmental Charter High School (ECHS) in Lawndale, an inner-city community in Los Angeles County. The students analyzed sand samples for plastic debris in a laboratory, trawled for plastic debris in the ocean, and learned about watersheds, storm drains, recycling, and the harmful effects of plastics in the ocean. This grant would continue these educational efforts at the high school in ninth grade classrooms and expand it to the tenth grade as well, where students would study plastic ingestions by seabirds.

This grant would also support a new component, the creation and launch of the *Foam Frigate*, a raft made out of recycled materials. The raft would travel from Santa Barbara to San Diego, stopping at 13 different ports and gaining media attention along the way about the problem of marine debris. Eleventh-grade students at ECHS would help construct the raft and would meet it at the different ports, where they would help do presentations to local elementary school children about watershed stewardship.

2. Animo Leadership High School \$9,990

Project Title: *Mission Possible: Educating Latino Communities about Safe Fish Consumption and Preventing Marine Pollution*
Project Location: *Inglewood*
Project Timeline: *March 2006 to June 2007*
Total Project Budget: *\$12,040*
Estimated number of people served by the project: *15 students + several thousand community members*

Animo Leadership High School is a public charter school in Inglewood, Los Angeles County, serving the nearby inner-city community of Lennox, which is heavily populated by Latino immigrants. Teens in Animo's Marine Biology Club developed their own grant proposal with some assistance from their biology teacher.

Students in the club want to educate members of their community about the dangers of eating contaminated fish, and about the causes of storm drain pollution. They would collect fish from local markets and catch fish at Redondo Pier. They would have the fish tested in a laboratory for toxins such as mercury and lead, and then they would share the test results with the markets selling those fish and with people fishing from the pier to increase their awareness. The students would pass out bilingual educational brochures about safe seafood consumption to the fishers at the pier. They would also visit other local schools to teach middle and high school students about these issues and pass out the brochures there and to families at parent meetings at different elementary schools in the communities of Inglewood, Lennox, and Hawthorne. With support from this grant they would also be able to take a behind-the-scenes tour of the Monterey Bay Aquarium.

3. Aquatic Adventures Science Education Foundation \$9,500

Project Title: *SEA Series*
Project Location: *San Diego*
Project Timeline: *March 2006 to March 2007*
Total Project Budget: *\$164,000*
Estimated number of people served by the project: *3,100*

Aquatic Adventures operates the SEA Series program, which stands for “Science, Education and Awareness.” In this program, staff provide 4-6 classroom visits to students in grades 3 through 6 at schools in San Diego. Each grade level receives lessons with a different theme, such as “Wetland Avengers” for fourth graders or “Invert Investigators” for third graders. Hands-on activities include using microscopes, building models, dissecting animals, and conducting experiments. In addition to the classroom visits, each class goes on one field trip such as visiting a salt marsh, exploring a tide pool, or taking a trip on a research boat. They then take a second field trip to conduct a service project such as revegetating sand dunes, removing litter from the streets around their school, or helping restore a river canyon which affects coastal habitats downstream. Aquatic Adventures also provides participating teachers with curricular materials organized into thematic units; professional development training workshops; and a lending library.

This program targets eight specific underserved schools in San Diego County. Ninety-five percent of their students are Latino, African American or Asian, and all schools selected posted low average test scores. A Whale Tail grant supported this program three years ago, with successful results, and a new grant would help fund staff time, bus transportation, a research vessel voyage for students, and educational materials for students and teachers. New components this year would include the second service-learning field trip, as well as a special event for 1,000 community members— who don’t traditionally participate in environmental activities— to help restore wetland, canyon, and coastal bluff habitats.

4. Bell Gardens High School \$3,425

Project Title: *Newport Bay Estuary and Its Endangered Species*
Project Location: *Bell Gardens*
Project Timeline: *March 2006 to June 2006*
Total Project Budget: *\$63,425*
Estimated number of people served by the project: *775*

Bell Gardens is a community in Los Angeles County located in a low-income area where nearly all families are Latino. Many of the adults in the city have not completed high school. One hundred and seventy-five students in five biology classes at Bell Gardens High School would take a naturalist-led kayaking tour of Newport Back Bay. After the tour, they would design posters and write papers about the plant life, animals, and ecology they observed in the estuary of Upper Newport Bay. They would also teach 600 students at nearby Cesar Chavez Elementary about how to keep beaches free of pollution for birds, fish, and other animals.

The project would be led by the biology teacher at the high school. A Whale Tail grant would pay for the guided kayak tour and bus transportation in order to make the project possible.

5. Birch Aquarium/Regents of the University of California **\$30,000**

Project Title: *School to Shoreline*
Project Location: *San Diego County*
Project Timeline: *March 2006 to June 2007*
Total Project Budget: *\$49,775*
Estimated number of people served by the project: *1,134*

The Birch Aquarium is located at the Scripps Institute of Oceanography of UC San Diego. The “School to Shoreline” program would offer three different components to 54 teachers and their first- and second-grade students from the underserved National, South Bay, and Chula Vista school districts.

During the first part of the program, the 54 teachers would attend a professional development workshop on sandy beach and rocky shore ecosystems, using the highly-regarded MARE (Marine Activities, Resources and Education) curriculum originally developed at UC Berkeley. Each teacher would receive training on using the MARE curriculum and incorporating it into their classroom activities, and they would receive a science kit and curriculum binder to bring back to their school. During the second part of the program, Birch Aquarium staff would visit some of the participating schools and conduct an outreach program for the students about either the sandy beach or rocky shore. The visit would feature live animals, models, and components of the MARE science kit, and teachers could use the lessons as a model for their future instruction. Finally, the children would visit La Jolla Shores for a “Beach Teach” educational field trip, after which they would tour the Birch Aquarium.

Funding from the Coastal Commission would support staff time, the teacher workshops, bus transportation to La Jolla, entrance into the aquarium, and science kits and activity guides for each teacher.

6. Downtown Magnets High School **\$6,703**

Project Title: *Los Angeles Watershed Analysis Project*
Project Location: *Los Angeles*
Project Timeline: *March 2006 to May 2007*
Total Project Budget: *\$6,703*
Estimated number of people served by the project: *160*

Downtown Magnets High School is a Title I school primarily serving students of color who are bused in from south, east, and central Los Angeles. This project would allow teens in the science classes and the Environmental Club to learn about watersheds and how their activities in the city affect water quality in the marine environment.

The students would collect water samples, run water quality tests on them, create a report on their data discussing the health of their watershed, and make suggestions on improving the water quality. They would visit the mouth of the Los Angeles River, observe the trash collected there from upstream, and conduct a cleanup. They would also take a tour of Malibu Lagoon, visiting educational stations set up by the Resource Conservation District of the Santa Monica Mountains, and they would visit the Aquarium of the Pacific in Long Beach. Finally, the students would clean Dockweiler Beach, which they have adopted.

A Whale Tail grant would support the cost of purchasing water quality testing equipment, as well as transportation and teacher time outside of regular classroom hours.

7. Farallones Marine Sanctuary Association **\$9,230**

Project Title: *Sanctuary Explorers Camp*
Project Location: *San Francisco Bay Area*
Project Timeline: *March 2006 to August 2006*
Total Project Budget: *\$40,751*
Estimated number of people served by the project: *120*

The Sanctuary Explorers Camp is a week-long day camp for underserved San Francisco youth ages 8-13 to explore the coastal and marine environments of the Farallones Marine Sanctuary. Different days cover different habitat themes: open water, sandy beach, and the rocky intertidal zone. Children learn about the ocean, sources of pollution and the importance of lessening human impact, fish, birds, and marine mammals. They kayak, hike at a wetland and at the beach, explore tidepools, monitor sand crabs, and make t-shirts out of fish prints.

The Farallones Marine Sanctuary Association has operated the Sanctuary Explorers Camp since 2001, when the Coastal Commission once before supported this program. The Association operates the camp and provides instruction in marine science, while the collaborating San Francisco Recreation and Parks Department staffs the program directors, selects youth from different recreation centers, and transports them. A Whale Tail grant would pay for staffing and activity fees to help allow five sessions of the camp to be offered free of charge to youth from underserved San Francisco neighborhoods.

8. Mattole Restoration Council **\$10,000**

Project Title: *Swimming a Mile in their Skins: Helping Mattole River Salmon Revive and Thrive from the Headwaters to the Ocean*
Project Location: *Mattole Valley, Humboldt County*
Project Timeline: *June 2006 to April 2008*
Total Project Budget: *\$36,410*
Estimated number of people served by the project: *150*

The Mattole Restoration Council (MRC) is a community organization that works in the watershed of the Mattole River, which borders the “Lost Coast” and runs through northern Mendocino and southern Humboldt counties. Through restoration, education and best land management practices, the MRC hopes to conserve the natural resources of the watershed and save the local native endangered salmon populations. Students in the Mattole Valley are often in rural one-room classrooms containing multiple grade levels, and they do not receive environmental education outside of MRC’s activities. The Coastal Commission supported the Mattole Restoration Council’s environmental education program four years ago.

MRC is now requesting support for a “salmon-centric” curriculum for all students in the six public schools of the Mattole Watershed. The curriculum would be a part of the MRC’s broader environmental education program and would include components such as: raising salmon eggs, rearing the young fish, and releasing them into the river; taking multiple field trips to various salmon habitats as well as on a fishing boat on the ocean; building a salmon sculpture that would travel between the different schools; learning about salmon population trends from local scientists, fishermen, and indigenous peoples; and collecting native seeds to germinate them and install the native plants near salmon habitat in order to stabilize the soil and prevent sedimentation.

9. Ocean Discovery! \$25,315

Project Title: Student Symposium on the Health of our Oceans
Project Location: Sonoma County
Project Timeline: April 2006 to March 2007
Total Project Budget: \$27,516
Estimated number of people served by the project: 140 students and their teachers
+ up to 140 audience members

Ocean Discovery! is a relatively new nonprofit founded by researchers and educators from the University of California's Bodega Marine Laboratory. The organization is requesting funding to support a regional student symposium on ocean health in northern California. Students in grades five through eight would research topics relating to human impacts on the ocean, bays, and estuary ecosystems of California, including invasive species, fisheries management, and pollution and water quality. They would conduct their own research projects over a period of two months with help from Ocean Discovery! staff and their teachers, who would receive special training. They would then present their findings orally and through posters at the symposium, which would be attended by scientists, educators, media, and the general public.

Ocean Discovery! is also planning three other regional symposia in Santa Cruz, Santa Barbara, and Dana Point. A selection of students from each of the four regional symposia would then be invited to participate in a statewide symposium on ocean health. Another organization, the Ocean Institute at Dana Point, has successfully led similar students symposia and would assist in organizing this one. The participating students would come from four different underserved Sonoma County schools located 5-40 miles away from the ocean. A Whale Tail grant would support staff time, materials for classrooms and teacher trainings, transportation to the symposium at Bodega Marine Laboratory, event programs, and student-designed community education materials.

10. Pacific Cetacean Group \$6,700

Project Title: Whale of a Rhythm Program
Project Location: San Benito, Monterey, and Santa Cruz counties
Project Timeline: March 2006 to March 2007
Total Project Budget: \$14,000
Estimated number of people served by the project: 6,700

The mission of the Pacific Cetacean Group (PCG) is to inspire conservation of cetaceans, other marine mammals, and their habitats through research, education, and the arts. PCG has requested funding for its arts component, the "Whale of a Rhythm Program." In this program, students learn about the sounds that cetaceans make and how they communicate with each other. They also learn about conservation efforts and the effects that underwater noise pollution has on whale and dolphin communication. In addition to learning about these topics, the students play drums and other percussion instruments along to recordings of cetacean vocalizations. 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 a curriculum about cetaceans for teachers to share with their classes before the visit, as well as follow-up activities including how the students can help solve problems faced by dolphins and whales. A grant from the Coastal Commission would support staff time and mileage, percussion instruments, and curriculum packets and other classroom supplies. The program would be offered to different grade levels with varying levels of complexity, and would serve low-budget schools in three Central California counties free of charge.

11. San Diego Coastkeeper \$13,500

Project Title: *Project SWELL (Stewardship: Water Education for Lifelong Leadership)*
Project Location: *San Diego*
Project Timeline: *March 2006 to March 2007*
Total Project Budget: *\$274,130*
Estimated number of people served by the project: *25,000*

San Diego City Schools, the City of San Diego, San Diego Coastkeeper (formerly San Diego Baykeeper), and other organizations are all collaborating to produce a water quality and pollution prevention curriculum called Project SWELL (Stewardship: Water Education for Lifelong Leadership). San Diego City Schools has made the commitment that its teachers will be required to implement it as it becomes available for different grade levels. Project SWELL provides instruction on watershed lessons including point and nonpoint source pollution; riparian, wetland, and marine ecosystems; sources of water; pollution prevention; water conservation; and San Diego watersheds. Developing the curriculum involves compiling existing information and adding San Diego-specific content to modules of the already existing, hands-on FOSS (Full Option Science System) curriculum originally developed at UC Berkeley.

A Coastal Commission grant two years ago supported implementing the fifth grade curriculum, developing and testing the sixth grade curriculum, and beginning the unit for grade four. This new grant would help maintain the fifth grade unit for 10,000 students, implement the fourth and sixth grade units at 120 schools, and develop the curriculum for the second grade. The long-term goal is to have this curriculum taught throughout a student's academic career, in hopes of creating a sense of ownership of natural resources and a conservation ethic to address the serious water quality problems currently found in San Diego Bay.

12. San Francisco Unified School District Environmental Science Center \$17,540

Project Title: *Conservation Connection: An Urban Watershed Project*
Project Location: *San Francisco*
Project Timeline: *April 2006 to June 2007*
Total Project Budget: *\$97,867*
Estimated number of people served by the project: *430 students, 15 teachers (+ public at school fairs)*

The Environmental Science Center at Fort Funston in San Francisco provides environmental education to the students of the San Francisco Unified School District. This project would serve students in grades 3-5 from the underserved southeastern region of San Francisco including Bayview Hunters Point, Visitacion Valley, and the Excelsior and Mission districts. The students would take part in a series of three different field trips to a park near their school to learn about their local watershed, and then take a fourth trip to spend the night at Fort Funston at the Pacific Ocean and learn about the beach, dune, and marine environments. All local parks would either be along a creek, a lake, or on the Bay. The students would learn about conservation, watersheds, and pollution prevention; gather data about water quality and plant and animal life to assess the health of their local park; and engage in a habitat restoration project. On their final trip to the ocean, they would conduct a beach cleanup and would be able to link the coast with their local park in the same watershed.

In addition to the field studies, the students' teachers would attend four professional development workshops to learn how to integrate conservation concepts with their science curriculum. The teachers would also receive pre- and post- field trip activities for the classroom. The final component of this project would be an environmental fair hosted by each participating school. Displays at the fairs would highlight the work the students did during the field trips at their local parks.

13. Santa Barbara Channelkeeper**\$9,900**

Project Title: *Marine Education Program*
Project Location: *Santa Barbara and Ventura counties*
Project Timeline: *March 2006 to June 2007*
Total Project Budget: *\$58,150*
Estimated number of people served by the project: *360*

Santa Barbara Channelkeeper currently operates a Marine Restoration and Education Program in which students grow kelp and eelgrass in salt water aquariums (“Eco-Karts”). Once the plants are big enough, Channelkeeper will plant them off the coast in underwater areas targeted for kelp and eel grass restoration. Santa Barbara Channelkeeper is requesting funding so that 2-3 more middle schools, which are located in underserved, inland communities such as Santa Paula and Santa Maria, could also have the opportunity to have an Eco-Kart and receive lessons as well. The lessons would be delivered on a number of occasions to 3-5 different classes at each school and would cover information on kelp and eelgrass beds, plant reproduction, sandy bottom habitats, water quality, and both positive and negative human impacts. In the fall, the students would grow eelgrass from seeds and monitor and record the growth of each plant. In the winter and spring, the Karts would hold eelgrass, kelp, algae, and sea urchins.

At the end of the school year the students would take a boat ride to either the Channel Islands to see eelgrass beds being restored, or else off the coast of Santa Barbara to see kelp beds undergoing restoration. Underwater divers with a video camera would show the students the restored areas as they watched from a monitor on board. The necessary equipment has already been funded and Channelkeeper is requesting support for staff time, mileage to inland Ventura and northern Santa Barbara counties, and the boat trip to a restoration site.

14. Sierra Club Foundation**\$6,530**

Project Title: *Orange County Inner City Outings*
Project Location: *Garden Grove*
Project Timeline: *April 2006 to June 2007*
Total Project Budget: *\$9,120*
Estimated number of people served by the project: *40*

The Sierra Club operates the Inner City Outings program in many locations in the United States to provide wilderness adventures for young people who would not otherwise participate in them. The program is intended to promote personal growth as well as appreciation and protection of the environment. Orange County’s program is proposing to work with a group of 16-18 year-olds from the inland Orange County city of Garden Grove. Ninety percent are students of color and all are low-income. Participants have typically been expelled from a previous school for drug dealing or behavioral problems.

The youth would take part in six different outings to Orange County locations such as Crystal Cove, Upper Newport Bay, and Trestles Marsh. They would be trained to conduct coastal conservation activities including water quality testing, mapping, trail sign design, and habitat restoration. The outings would be supplemented with educational materials. At the conclusion of the program, the youth would select a local coastal conservation issue and make team presentations, motivating audience members from another youth agency or school to participate in an activity such as a coastal cleanup or restoration activity. They would also post their findings on a website supporting international student exchange about environmental projects.

This program received funding from the Coastal Commission in FY2003/04 and operated successfully. A second Whale Tail Grant would support a different group of youth by funding expenses related to transportation and supplies.

15. Wishtoyo Foundation

\$9,800

Project Title: Ormond Beach Wetlands Restoration and Education Project
Project Location: Oxnard
Project Timeline: April 2006 to April 2007
Total Project Budget: \$12,489
Estimated number of people served by the project: 1,200

In 2002 the State Coastal Conservancy purchased land at Ormond Beach in Ventura County, in order to preserve and restore the wetlands there. The Wishtoyo Foundation (a nonprofit organization doubling as the Ventura County Coastkeeper and headed by a Chumash ceremonial leader) is proposing to bring Oxnard students to do restoration work at the Ormond Beach Wetlands. They and other students in Ventura and Los Angeles counties would also receive an educational presentation in their classrooms. The presentation would cover information about the wetlands and related Native American ecological and cultural practices. The field visits would include lessons about wetlands ecology, bird species, historic Chumash use, and pollution and water quality testing. Visiting youth would be trained to remove non-native plants, propagate native plants, plant them in the areas being restored, and maintain them during regular visits to the beach afterwards. The youth would also create brochures and PowerPoint presentations about the importance of clean water, healthy wetlands, and human impact and share them with the community. The public would also be invited to several community beach cleanup events.

The Wishtoyo Foundation has already conducted cleanup events at the Ormond Beach Wetlands and participated in the Ormond Beach Task Force. Targeted students from Oxnard would be multi-cultural, often from low-income households, including farmworker families.

16. YMCA Point Bonita/YMCA of San Francisco

\$10,000

Project Title: Kids-to-Coast Project
Project Location: Marin Headlands
Project Timeline: March 2006 to December 2006
Total Project Budget: \$480,000
Estimated number of people served by the project: 350

The YMCA Point Bonita is a branch of the YMCA of San Francisco and has been operating its Outdoor Education program since 1990. The program serves youth primarily in grades 3-7 from all over northern California. The participants stay at this coastal YMCA in the Golden Gate National Recreation Area for one to five days. They engage in environmental education activities such as tidepooling, beach cleanups, coastal hikes, and fun, interactive science lessons on topics including oceanography, geology, plant identification, animal adaptations, food webs, erosion, waves, and watersheds.

Normally, the Outdoor Education program charges fees to participating students. The Kids-to-Coast Project provides the opportunity for students to attend the program when they otherwise would not have the financial means to do so. A \$10,000 grant from the Coastal Commission would offset the expenses for naturalists running the programs as well as transportation, thereby allowing approximately 350 youth to attend the program for three days for free or at a reduced cost. The youth would be from a diverse range of underserved, inland communities including urban areas and farming communities.

17. Yolo County Office of Education **\$9,987**

Project Title: *From Creek to Sea: A Waterways Education Program*

Project Location: *Yolo County*

Project Timeline: *June 2006 to June 2007*

Total Project Budget: *\$14,887*

Estimated number of people served by the project: *350*

The Yolo County Office of Education (YCOE) is proposing to develop a program to teach students about the connection between local creeks, the Bay/Delta, and the Pacific Ocean. The students would learn about Putah Creek, the salmon that migrate there to and from the ocean, how their own actions affect the local waterway, and how that in turn affects the Bay/Delta and ultimately the marine ecosystem.

The program would consist of classroom activities, field trips, and service learning activities such as restoration planting, cleaning the creek, or teaching younger children what they learned. The curriculum would promote the importance of stewardship and it would be offered in both English and Spanish. YCOE would be working with the Putah Creek Discovery Corridor Cooperative, which already has a water education program with a creek focus, but it does not yet include a component linking the creeks to the ocean.

This grant would support piloting the program for one year with fifth-grade students in Yolo County, with the hope that in future years it would be expanded to other grade levels in both Yolo and Solano Counties. Funding would support staff time, classroom supplies, and buses for field trips.

18. Youth Employment Partnership **\$13,550**

Project Title: *Team Oakland Environmental Education Program*

Project Location: *Oakland*

Project Timeline: *April 2006 to October 2006*

Total Project Budget: *\$43,500*

Estimated number of people served by the project: *130*

Youth Employment Partnership (YEP) has operated the Team Oakland program since 1995, a six-month training and employment program for 130 underserved at-risk Oakland youth ages 14-21. Program participants receive education and work at jobs that result in environmental cleanup, restoration, and city beautification. YEP is proposing to enhance the coastal, marine, and waterway education and field work components of the program. Youth would complete 25 hours of classroom education on local coastal and marine resources and ecology and the importance of stewardship. The classes would be taught by graduate students at the UC Berkeley College of Natural Resources in collaboration with the science teacher at YEP's charter school. The youth would also spend another 25 hours in field education, visiting the Marine Science Institute to examine creatures that live in the Estuary and run tests on water and mud samples, and taking classes and canoeing with Save the Bay at Arrowhead Marsh. Another 50 hours would be spent cleaning Lake Merritt and the Oakland Estuary. In an additional activity, participants would distribute a YEP brochure to an estimated 3,000 merchants to educate businesses about the pollution dangers from improper disposal of toxics down storm drains.

A grant from the Coastal Commission would support the salary and field trip costs of the environmental education aspect of the Team Oakland program.

19. California Department of Parks and Recreation, Mendocino District \$22,000

Project Title: *Interactive Underwater Program*
Project Location: *Fort Bragg*
Project Timeline: *April 2006 to March 2007*
Total Project Budget: *\$142,000*
Estimated number of people served by the project: *12,000 estimated annually*

California State Parks is requesting funding for an interactive underwater program at MacKerricher Underwater Park in Mendocino County, which is visited by almost two million people each year. The program would give the public live video access to the tidepools, rocky reefs, kelp, and marine life off the coast by seeing whatever a diver views with an underwater video camera. The images would be sent back to a monitor on land and the public could watch the images in real time as well as communicate with the diver via two-way speakers and microphones. The video monitor would be located on a wheelchair-accessible viewing deck.

The Department of Parks and Recreation is interested in implementing this program because currently there are not enough time slots to accommodate all the groups that request tidepool tours, and because the technology would allow the public to view these marine environments without trampling fragile tidepools or putting tidepool creatures in tanks. In addition, most people do not go diving to observe the flora and fauna in the underwater park and disabled people cannot always visit the rocky shore up close. The underwater divers could talk to school children, college students, families, and others about a variety of topics such as marine biology, oceanography, and resource management. A Whale Tail grant would pay for the purchase of diving equipment, dry suits, and a portable power supply. Once the program is in place, the equipment could also be used at special events located at other State parks in Mendocino.

20. Coyote Point Museum for Environmental Education \$26,000

Project Title: *Shoreline Parks Environmental Stewardship Programs*
Project Location: *San Mateo*
Project Timeline: *March 2006 to May 2007*
Total Project Budget: *\$26,000*
Estimated number of people served by the project: *305*

The City of San Mateo has recently completed the first phase of the new Shoreline Parks, consisting of regional parks and open spaces stretching from Coyote Point Recreation Area south to Foster City. The Coyote Point Museum would like to extend its environmental education program into these shoreline environments and is proposing two programs.

The first program would be the Youth Environmental Stewards (YES) Club for 30 underserved youth ages 12-14. Club members would meet after school for one afternoon every month and would also work with their families on environmental projects on one Saturday per month. During the after-school hours they would test and monitor the soil and water quality at Shoreline Parks (a former dump site along San Francisco Bay) and compare it to the quality at the ocean. They would monitor the wildlife population and track whether sightings increase over time as the land gets restored. During the Saturday events they would clean up debris with their families and other members of the public, sort what they find, and re-use or recycle as much as possible.

The second program would be a series of guided educational hikes for the general public about "life at the edge," covering information about the ecology of coastal habitats and how the history of the area affected the new parkland as it exists now. The hikes would reach an estimated 175 people and would include bilingual guides to serve Spanish-speaking members of the public living nearby.

21. Foundation of CSU Monterey Bay/Return of the Natives **\$40,535**

Project Title: Creeks of Salinas to the Monterey Bay
Project Location: Salinas
Project Timeline: May 2006 to April 2007
Total Project Budget: \$225,000
Estimated number of people served by the project: 625

Return of the Natives (RON) Restoration Education Project is the education and outreach branch of California State University Monterey Bay's Watershed Institute. RON restores waterways and land that drain into Monterey Bay. RON is proposing to address a very significant problem at Natividad and Sanborn creeks in Salinas, where local residents are leaving large quantities of debris and shopping carts in their local waterways flowing to Monterey Bay.

RON is requesting funding to add a creek cleanup component to its native plant restoration program along the creeks of Salinas, a densely populated, underserved community. Program staff would train eight local educators on the topics of watersheds, marine science, and marine debris, and then students from those eight classes or after-school programs would learn from the curricula presented to their teachers and would visit a creek at least once to take part in a cleanup and restoration event. RON would also lead monthly weekend cleanup and native plant restoration events along the creeks for the general public and for high school students who wanted to complete required community service hours. Staff would track and graph items pulled from the creeks and share the information with schools and media to inform people of the local debris problem.

22. Lakeside's River Park Conservancy **\$8,895**

Project Title: San Diego River Community Exchange and Clean Up
Project Location: San Diego County
Project Timeline: March 2006 to December 2006
Total Project Budget: \$8,895
Estimated number of people served by the project: 90

Approximately twenty-five miles inland from San Diego's coast lies the community of Lakeside. The San Diego River runs through Lakeside (where much of the population is underserved) and empties at Ocean Beach. Lakeside's River Park Conservancy is proposing an educational and cleanup exchange between two groups who both live at different points along the San Diego River.

In the first part of the project, a group of students and volunteers from Lakeside would travel to Ocean Beach at the mouth of the river, meet the Friends of Dog Beach, visit several educational stations, and conduct a beach cleanup together. The educational stations would be about Dog Beach (the north end of Ocean Beach), estuary ecosystems, and the beach cleanup work the Friends regularly do. Both groups would meet over lunch to discuss ways Lakeside citizens could help keep the beach clean from their own community upstream. A three-hour beach cleanup would follow. In the second part of the project, the Friends of Dog Beach would visit Lakeside, observe the effects that sand mining is having on the San Diego River, and similarly visit educational stations and conduct a three-hour inland river cleanup. This project would stress the connectedness of these two communities and the impacts of their actions along the same body of water. The students from Lakeside would also be studying watersheds and how the conditions of the San Diego River impact coastal habitat downstream. A grant from the Coastal Commission would make this project possible by supporting staff time, cleanup supplies, and bus transportation.

23. Manila Community Services District

\$10,000

Project Title: Manila Dunes Interpretive Garden

Project Location: Samoa Peninsula

Project Timeline: April 2006 to November 2007

Total Project Budget: \$30,000

Estimated number of people served by the project: 700

The Manila Community Services District (MCSD) has its offices at the Manila Community Center, which houses a number of community-based programs. MCSD is planning a native dune plant demonstration garden outside the Community Center at the Manila Dunes Recreation Area. The garden would feature plants native to northern coastal dune habitats such as high dune plants, dune mat plants, plants that grow in seasonal wetlands, and edible and medicinal species. It would also incorporate self-guided nature trails.

The interpretive garden would be designed and planted with help from youth and teens enrolled in an after-school recreation program at the Center and at Mattole Valley Charter School. These young people would also be taught weekly environmental education lessons and would research and help develop the interpretive signs for the garden. The local community is low-income and many residents face unemployment as a result of mill closings. Community members would be invited to help with the garden at four different public workdays. The Manila Community Services District has committed its staff to maintaining the garden once it is completed.

24. Rural California Broadcasting Corporation

\$7,500

Project Title: "For Love of Place"

Project Location: Marin and Sonoma counties; nationwide in the future

Project Timeline: March 2006 to June 2006

Total Project Budget: \$35,000

Estimated number of people served by the project: audience of potentially millions

The Rural California Broadcasting Corporation is a nonprofit organization licensed by KRCB public television station, which broadcasts in the region north of San Francisco Bay and is available to the greater Bay Area via satellite and cable television. KRCB is developing a documentary called "For Love of Place" about how the Marin and Sonoma County coastlines were saved for agriculture and open space when faced with plans for massive development. The show will chronicle how a group of concerned citizens were able to stop the development and create sustainable agriculture on the edge of a major metropolitan area on the California coast. It will incorporate historical footage as well as interviews with participants, and will aim to inspire its audience by showing how individuals can make a difference in protecting coastal open space.

The documentary will take several years to complete. A grant from the Coastal Commission would help support the first phase of this project, which is to create the storyline; secure rights and footage and interviews; and produce a 5-9 minute trailer to be used for publicity and fundraising for the final, full-length product. After airing on KRCB television, the documentary would be offered to other PBS stations across America.

25. Santa Monica Baykeeper **\$25,000**

Project Title: *Clean Water Act: Empowering the People*
Project Location: *Greater Los Angeles Area*
Project Timeline: *March 2006 to March 2007*
Total Project Budget: *\$65,000*
Estimated number of people served by the project: *500*

Santa Monica Baykeeper is proposing to respond to requests the organization has received over the years from citizens who would like to understand the Clean Water Act better so they could address gaps in the Act's enforcement and help enforce it themselves. Baykeeper wants to train an estimated 500 citizens about water quality standards, NPDES permits, and TMDLs, and cover other information and tools to help them enforce the Clean Water Act. Participants would finish the trainings with knowledge about how to do such things as take steps if they spot illegal pollution, offer public comments at Regional Water Quality Control Board meetings, talk to elected officials, and motivate others to get involved as well. The overall goal of the trainings would be to help activate the public involvement component of the Clean Water Act and empower citizens to be involved in helping clean up local waterways.

Santa Monica Baykeeper would target potentially interested groups including homeowners' associations, neighborhood councils, watershed management task forces, and citizen activist groups. They would also provide ongoing guidance after the trainings were over. The organization's goal for the future is to expand the program by starting a "train-the-trainer" program modeled after a program run by the River Network, whose staff would teach Baykeeper before any of these other trainings took place.

26. Coastwalk **\$17,340**

Project Title: *Adopt-A-Beach – CoasTrek Leadership Training*
Project Location: *Sonoma County*
Project Timeline: *April 2006 to March 2007*
Total Project Budget: *\$30,210*
Estimated number of people served by the project: *40 direct participants + others*

Coastwalk, the nonprofit organization that promotes the California Coastal Trail and leads camping and hiking treks along the California coast, recently became the Adopt-A-Beach manager for a number of Sonoma County beaches. Coastwalk is requesting support for its youth leadership training program that would enhance participation in the Adopt-A-Beach program at the same time.

The six-day leadership training program for high school students takes the youth on a coastal trek during the month of June from Salt Point to Bodega Head, stopping to camp and to restore trails and remove invasive plant species along the way. The trek would help a younger generation to become involved with Coastwalk's activities and it would end with the teens making a commitment to adopt a beach. After the training, the youth would continue their participation by reconvening at Coastal Cleanup Day in September, when each of the 40 youth would be required to bring another 20 students to the event and hopefully involve those others in additional Adopt-A-Beach cleanups. They would meet again in February for another beach cleanup event, again bringing others to participate too. A grant from the Coastal Commission would help pay for staff time and bus transportation.

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

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>

Attachment B: 2005/06 Competitive Whale Tail Grant Proposals

Organization Name	Project Title	Requested Amount
Acorn Soupe	Kids in Creeks	\$40,000
Aim High	Headlands Environmental Home Program	\$10,000
Algalita Marine Research Foundation	Plastics Are Forever	\$31,950
American Lung Association of San Diego & Imperial Co.	Cigarette Litter Abatement Task Force	\$26,983
American River Conservancy	Assessment and Restoration of Native Plants at Cronin Beach	\$6,500
American River Natural History Association	Drains to Beaches - A Conservation Video for Youth	\$28,000
Amigos de Bolsa Chica/Bolsa Chica Foundation	Education Materials Update	\$4,000
Animo Leadership High School	Mission Possible: Educating Latino Communities	\$9,990
Aquarius Aquarium Institute	Teaching Tidepools	\$21,434
Aquatic Adventures Science Education Foundation	SEA Series	\$9,500
Ballona Institute/International Humanities Center	Lagoons & Dunes	\$38,400
Bay Area Discovery Museum	Guest Scientist Program and related Environmental Education Programming	\$15,000
Bell Gardens High School	Newport Bay Estuary and Its Endangered Species	\$3,425
Berkeley Arts Magnet Elementary School	Headlands Institute Marine Science Camp	\$9,082
Berkeley Boosters Police Activities League	H2O ON THE GO!	\$12,500
Bio-Integral Resource Center	Protecting Water from Pesticide Pollution	\$20,000
Birch Aquarium/Regents of the University of California	"School to Shoreline"	\$49,775
California Dept. of Parks and Recreation, Mendocino	Interactive Underwater Program	\$22,000
California Polytechnic State University Foundation	Exploring Evolution on the California Coast	\$48,791

Organization Name	Project Title	Requested Amount
California Wetlands Research	Marquez Canyon & Stream Ecological Restoration	\$34,500
Carlsbad Educational Foundation	Communities Alive in Nature	\$50,000
Carmel Unified School District	Carmel River Lagoon Restoration Project	\$34,899
Center for Land-Based Learning	FARMS Statewide Water Quality Field Day	\$30,083
Centinela Valley High School District	Marine Science Academy at Lawndale High School	\$50,000
City of Los Angeles, Bureau of Sanitation	Sewer Science Program	\$11,291
City of Newport Beach, Harbor Resources Division	Educational Resource Development for Tidepool and Watershed Resources	\$15,000
City of Oceanside Parks and Recreation Department	Youth/Teen Aquatic Adventure Program	\$6,326
City of Oxnard Wastewater Division	Sea Adventure Program	\$12,832
City of Rolling Hills Estates	Coastal Riparian Water Quality Education Program	\$8,192
City of Santa Rosa, Public Works Department	Creeks to the Coast - Education and Stewardship Program	\$50,000
Coastal Watershed Council	Get Outdoors (GO!)	\$46,771
Coastwalk	Adopt-A-Beach - CoasTrek Leadership Training	\$19,142
Coyote Point Museum for Environmental Education	Shoreline Parks Environmental Stewardship Programs	\$26,000
Dana Hills High School	Turf to Surf: A Comprehensive Study of the San Juan Creek Watershed	\$26,242
Downtown Magnets High School	Los Angeles Watershed Analysis Project	\$6,703
EarthTeam Environmental Network for Educators & Teens	Middle School Coastal Stewardship Project	\$7,750
Environmental Volunteers	Kids-in-Nature Marine Ecology Program	\$8,137
Farallones Marine Sanctuary Program	Sanctuary Explorers Camp	\$11,243
Foundation of CSU Monterey Bay/Return of the Natives	Creeks of Salinas to the Monterey Bay	\$40,537
Friends of Farallone, PTA of Farallone View Elem.	Oceans Week 2006, Waves and Beaches	\$4,365

Organization Name	Project Title	Requested Amount
Friends of Moss Landing Marine Laboratories	"Voices of the Bay" Fisheries Education Project	\$35,000
Friends of Sausal Creek	Sausal Keepers and Explorers	\$44,000
Friends of the Sea Otter	Otter Spotting Program	\$9,650
Girl Scouts of the San Francisco Bay Area	Girl Scouts Save the Bay!	\$50,000
Hostelling International USA	We Share An Ocean	\$24,000
Iemanya Oceanica	Shark Smart	\$50,000
Jughandle Creek Nature Center	Wetlands and Watersheds Outreach Project	\$25,000
Keep California Beautiful	Project CLEAR	\$41,473
Kids & Fishing, Inc.	Inner-City Outreach Program	\$7,500
La Jolla Friends of the Seals	Docent Program	\$26,598
Laguna de Santa Rosa Foundation	"Learning Laguna" Wetland Science Education Program for Elementary Students	\$9,760
Lakeside's River Park Conservancy	San Diego River Community Exchange and Clean Up	\$8,895
Literacy for Environmental Justice	Learning Coming Alive at the Living Classroom	\$33,679
Ma'at Youth Academy	Wildcat Creek Watershed Environmental Education	\$50,000
Manila Community Services District	Manila Dunes Interpretive Garden	\$10,000
Marine Science Institute	Discovering Our Bay	\$15,000
Mary Buren Elementary School	Morro Bay Wetlands: Otters, Waterfowl and Fishermen	\$2,520
Mattole Restoration Council	Swimming a Mile in Their Skins: Helping Mattole River Salmon	\$10,000
Mission Springs Outdoor Education	Water Studies	\$5,800
Northern California River Watch	Healthy Waters Healthy Youth	\$30,881
Occidental Arts & Ecology Center	WATER Institute (Watershed Advocacy, Training, Education, & Research)	\$40,000

Organization Name	Project Title	Requested Amount
Ocean Discovery!	Students Symposium on the Health of Our Ocean	\$25,716
Ocean Futures Society	Ambassadors of the Environment	\$32,525
Ocean Institute	Family Immersion Days	\$9,933
Ocean Shore School	Marine Life Learning Garden	\$9,500
Oikonos - Ecosystem Knowledge	Protect Seabirds: Prevent Plastic Pollution	\$16,000
O'Neill Sea Odyssey	Writing About the Sea	\$7,687
Orange County Coastkeeper	Watershed Education Program	\$19,569
Outdoor Outreach	Oceans In Motion	\$25,000
Pacific Cetacean Group	Whale of a Rhythm	\$6,700
Pacific Unified School District	SURMOUNT/Ambassadors for the Arts and Environment	\$10,000
Petaluma Wetlands Alliance/Madrone Audubon	Habitat Restoration in Petaluma's Public Wetlands	\$9,880
PRBO Conservation Science	Ocean Aware	\$28,952
Rural California Broadcasting Corporation	For Love of Place	\$7,500
San Diego Coastkeeper	Project SWELL (Stewardship: Water Education for Lifelong Leadership)	\$15,000
San Diego Youth & Community Services	Adaptation Workshop	\$11,363
San Elijo Lagoon Conservancy	Building Future Coastal Stewards	\$9,800
San Francisco Ocean Film Festival	Traveling Program of Ocean Festival Films	\$19,600
San Francisco Unified School District Env. Science Ctr.	The Conservation Connection: An Urban Watershed Project	\$17,542
San Joaquin River Parkway and Conservation Trust	Volunteer River Docent Support and Expansion	\$12,500
San Jose Conservation Corps and Charter School	Down the Drains	\$30,793
Santa Barbara Channelkeeper	Marine Education Program	\$9,900

Organization Name	Project Title	Requested Amount
Santa Clara University Environmental Studies Institute	Marine Biodiversity Conservation Ethics Education Project	\$39,804
Santa Cruz Education Foundation	Santa Cruz City Schools Enjoy "Watershed Cruzin"	\$19,146
Santa Cruz Museum Association	Nearby Lagoon Wetland Walk Spanish Language Community Outreach Project	\$13,100
Santa Maria Valley Discovery Museum	"WE ARE FAMILY" Exhibit	\$10,990
Santa Monica Bay Restoration Foundation	Ocean Discovery Club	\$34,285
Santa Monica Baykeeper	Clean Water Act: Empowering the People	\$25,000
Save The Bay (Save San Francisco Bay Association)	Bay Watershed Education and Wetland Restoration	\$10,000
Sealife Conservation Inc.	Owning The Ocean	\$39,070
Sierra Club Foundation	Orange County Inner City Outings	\$6,530
Sonoma Ecology Center	Nathanson Creek Student Restoration Project	\$17,473
Stewards of the Coast and Redwoods	Sonoma Coast Environmental Living Program	\$14,325
Surfrider Foundation	Coast and Ocean Debris Accumulation Study	\$48,248
The Watershed Project	Richmond Bayshore Stewards	\$19,024
Torrey Pines Docent Society	Marine Education Program	\$20,000
USC Wrigley Institute for Environmental Studies	Avalon Community Marine Education	\$14,828
Ventana Wildlife Society	Ocean Odyssey Summer Camp	\$15,000
VTF Services	Educational Project for Underserved Communities	\$9,214
Wishtoyo Foundation	Ormond Beach Wetlands Restoration Education Program	\$9,800
YMCA Point Bonita/YMCA of San Francisco	Kids-to-Coast Project	\$10,000
Yolo County Office of Education	From Creek to Sea: A Waterways Education Program	\$9,987
Youth Employment Partnership	Team Oakland Environmental Education Program	\$13,550
TOTAL REQUESTED:		\$2,171,843