

CALIFORNIA COASTAL COMMISSION

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February 28, 2005

FROM: Peter Douglas, Executive Director
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W23b

SUBJECT: **Proposed Awarding of Funds from Sales of the Whale Tail License Plate –
 Competitive Grants Program (for Coastal Commission Meeting on Mar. 16, 2005)**

SUMMARY OF STAFF RECOMMENDATION

Approve the following 29 competitive grants, which total \$482,500

Youth programs (totaling \$325,552):

- Algalita Marine Research Foundation (\$11,580)
- CA State Parks Foundation/Bay Youth for the Environment (\$10,000)
- Camp Ocean Pines (\$10,845)
- Channel Islands Harbor Foundation (\$10,448)
- ECO-LIFE Foundation (\$21,800)
- Glendale Public Library (\$14,580)
- Golden Gate Audubon Society (\$10,000)
- Headlands Institute (\$25,000)
- KIDS for the BAY (\$40,000)
- Moss Landing Marine Laboratories (\$9,992)
- Pescadero Elementary & Middle Schools (\$7,000)
- Pro Peninsula (\$10,000)
- San Joaquin Outdoor School (\$9,998)
- Save San Francisco Bay Association (\$10,000)
- Santa Barbara Museum of Natural History (\$10,000)
- Santa Cruz County Resource Conservation District (\$35,000)
- Sierra Middle School (\$4,600)
- STAR Inc. (\$29,709)
- The Marine Mammal Center (\$10,000)
- UC Cooperative Extension, Santa Barbara County (\$35,000)

**Subtotal small grants
 (\$10,000 and under):**
 \$138,538 (29%)

**Subtotal large grants
 (\$10,001 - \$50,000):**
 \$343,962 (71%)

Programs for the general public (totaling \$149,948):

- American Lung Association (\$10,000)
- Bolsa Chica Conservancy (\$35,000)
- Defenders of Wildlife (\$10,000)
- Environmental Education Council of Marin (\$20,000)
- Friends of the Dunes (\$9,949)
- Return of the Natives (\$35,000)
- Santa Monica Mountains Natural History Association (\$9,999)
- Wyland Foundation (\$20,000)

Adopt-A-Beach programs (totaling \$7,000):

- Oikonos-Ecosystem Knowledge (\$7,000)

Motion: I move that the Commission approve the 29 competitive grants recommended by staff for Whale Tail License Plate funding (FY2004/05), and authorize the Executive Director to enter into the appropriate agreements.

Introduction

The Coastal Commission's Whale Tail License Plate was established as a mechanism through which the public can contribute funds to coastal and marine education programs in California. For each new plate that is sold, approximately \$15.00 is deposited in the California Beach and Coastal Enhancement Account (CBCEA). Annual renewal fees deposit \$20.00 per plate into the account. A portion of sales and renewal fees of the Whale Tail Plate also are deposited in the Environmental License Plate Fund (ELPF), which supports environmental programs in other state agencies. According to DMV reports, as of January 2005 a total of 118,390 Whale Tail Plates have been sold. Sales and renewal fees (plus miscellaneous other small fees) have contributed \$6,883,476 to the CBCEA, and \$15,252,168 to the ELPF. The additional fees that are charged for personalized plates go to the ELPF.

Targeted Grants for FY 2004/05

At its August 2004 meeting, the Commission voted to allocate the \$789,000 FY2004/05 CBCEA grantmaking budget as follows: eight targeted grants totaling \$355,500, a temporary reserve of \$20,000, and the remaining \$413,500 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.) After those grants were approved, \$48,000 for the Community-Based Restoration and Education Program at Upper Newport Bay became unnecessary because funds were successfully secured from outside sources. In addition, \$1,000 for the Kids' School Assembly Program and Beach Cleanup was not needed by one of the grantees, and no unforeseen needs arose for use of the \$20,000 reserve. Therefore, Staff has added the remaining \$69,000 in funds allocated to targeted grants to the competitive grantmaking budget for a total of \$482,500.

The Competitive Grants Program for FY 2004/05

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

The staff began publicizing the grant program in August. The deadline for submittal of grant applications was December 10, 2004. 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 141 grant applications, which requested a combined total of \$2,720,808. 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 29 programs listed below (\$482,500 total).

**Staff Recommendations for
Competitive Whale Tail Grant Awards for FY2004/05**

1. Algalita Marine Research Foundation \$11,580

Project Title: *Watershed Wonders*
Project Location: *Statewide*
Project Timeline: *April 2005 to September 2005*
Total Project Budget: *\$41,080*
Estimated number of people served by the project: *9,000*

The Algalita Marine Research Foundation (AMRF) was founded in 1994 and focuses on research and education regarding plastic pollution in the Pacific Ocean. The organization is based in Long Beach and is perhaps best known for studies in the so-called “Garbage Patch” of the ocean’s North Pacific Gyre, which concluded there is six times the mass of plastic as plankton in those waters.

AMRF’s program, *Watershed Wonders*, is aimed at educating junior high and high school students about the problem of plastic debris in the oceans, how it got there, and what people can do to help control the problem. AMRF is producing a video/DVD which will be distributed to 1,000 schools in the state of California. The DVD will be accompanied by a curriculum about plastic debris and its entry into watersheds and subsequently into the ocean. A minimum of fifty schools, with an emphasis on underserved communities, will also receive a school assembly program on the subject. An estimated three classes of thirty students each will take part in the program at each of the 1,000 schools, reaching a total of approximately 9,000 students. A Whale Tail grant would support costs including duplicating the DVDs and videos, printing the curriculum, and distributing all of the materials.

2. CA State Parks Foundation/Bay Youth for the Environment \$10,000

Project Title: *Candlestick Wetlands Restoration Project*
Project Location: *San Francisco*
Project Timeline: *April 2005 to December 2005*
Total Project Budget: *\$139,859*
Estimated number of people served by the project: *300*

Literacy for Environmental Justice (LEJ) is a community organization leading wetlands restoration in San Francisco’s Bayview-Hunters Point district. Through a contract with the California State Parks Foundation (CSPF), LEJ has extended its successful youth-led slough restoration program to Candlestick Point, where the program is known as Bay Youth for the Environment. This program is helping with a large-scale, 34-acre wetland restoration project at Yosemite Slough in the Candlestick Point State Recreation Area, where California State Parks is working to create the largest contiguous wetlands area in San Francisco Bay.

Through this program, 15 underserved youth from Bayview-Hunters Point will be trained as interns to remove non-native species, propagate native plants, plant them in the areas being revegetated, and maintain the areas afterwards. They will learn about local wetlands ecology, horticulture, and the connection between Yosemite Slough and the marine ecosystem off the coast. They will collect seeds, cultivate 5,000-6,000 native plants, and also recruit 250-300 volunteers from the community to help restore their local wetland during monthly work days. In addition, 1-2 high school science classes in Bayview-Hunters Point will partner with the program to learn about wetlands ecology. The classes will complete a special restoration ecology project and be assigned a plot of land to work on throughout the year. A grant from the Coastal Commission would support personnel costs, supplies, and stipends for the youth leaders.

3. Camp Ocean Pines

\$10,845

Project Title: *Marine Science Environmental Education Camp*
Project Location: *Cambria*
Project Timeline: *April 2005 to December 2005*
Total Project Budget: *\$181,688*
Estimated number of people served by the project: *700*

Camp Ocean Pines, located among Monterey pine trees on the Cambria coast, serves 700 students a year from different locations in California, primarily within a four-hour bus ride away. The youth come from a variety of backgrounds including inland and underserved areas, such as Fresno and south central Los Angeles. The Marine Science Environmental Education Program features activities such as kayaking, tidepool monitoring, and conducting sand crab transect studies. The campers see otters, sea lions, and elephant seals. They study marine mammals and food chains, collect plankton, and view it with a video microscope. They learn about marine ecology and the Monterey Bay National Marine Sanctuary and hear speakers from different environmental organizations. Their activities end with a group project which is shared with others, such as writing an article to be published in a school newsletter, doing an oral or dramatic presentation for their school, or another activity of their choosing.

A grant from the Coastal Commission would support general operating costs including a portion of the salaries for camp staff, transportation for campers, and program supplies such as marine mammal skull replicas that would be used for a number of years to come.

4. Channel Islands Harbor Foundation

\$10,448

Project Title: *Marine Science Learning Laboratory about the SSV Tole Mour*
Project Location: *Channel Islands*
Project Timeline: *April 2005 to June 2005*
Total Project Budget: *\$23,527*
Estimated number of people served by the project: *4,000 Calif. students annually*

The *Tole Mour* is a live-aboard Tall Ship that hosts school children in grades 4-12. It sails from southern California to Catalina and around the northern Channel Islands. During their trip the students learn about marine science, sailing, oceanography, and island ecology. Four thousand students from California take part in the program per year, including 25 percent who are from Title One schools.

The focus of this grant would be the ship's marine science laboratory. This laboratory is used for studies including sampling phytoplankton, tracking new algae blooms, and reporting them to the California Department of Health Services. Funding from the Whale Tail Grants Program would provide upgraded lab equipment for onboard research including a hydrophone to listen to marine mammals such as whales and dolphins and then analyze their frequencies; a computer for the data compilation on marine mammal sightings and plankton toxicity transmitted to the Department of Health Services, a remotely operated vehicle (ROV) for viewing underwater sea life (to replace the one that is broken); and screens for viewing the images from the ROV and video microscopes.

5. ECO-LIFE Foundation

\$21,800

Project Title: *San Diego Bay Watershed Stewards*
Project Location: *San Diego County*
Project Timeline: *May 2005 to June 2006*
Total Project Budget: *\$40,800*
Estimated number of people served by the project: *1,200*

The ECO-LIFE Foundation is a nonprofit organization working on the San Diego Bay Watershed Stewards project in collaboration with the San Diego Zoological Society. Six hundred students in grades 5-6 will participate in a three-part program. The first part consists of a half-day introduction in their schools. They will hear from the San Diego's Zoo's "Dr. Zoolittle" who will deliver an inspirational lesson about how and why to protect the San Diego Bay's wetlands and watersheds. His presentation will be followed by four half-hour interactive learning stations covering storm drains, recycling, wetlands conservation, and recreation's effects on wildlife. One week later, they will go on a full-day field trip to conduct a creek cleanup and then conduct habitat restoration at a salt marsh in Chula Vista, during which they will also learn how wetlands are important for fishery preservation, erosion control, and water quality. Finally, as a follow-up activity, the students will work in teams to create presentations for younger students at their schools on topics such as wetlands restoration, water quality, and local endangered species.

A grant from the Coastal Commission would fund transportation for the students, supplies for the learning stations and wetland restoration activities, and a portion of staff salaries. Participating students would be from different cities within the San Diego Bay watershed. All schools taking part would be from underserved, low-income areas.

6. Glendale Public Library

\$14,580

Project Title: *Ocean Awareness for Glendale Families*
Project Location: *Glendale*
Project Timeline: *May 2005 to September 2005*
Total Project Budget: *\$17,290*
Estimated number of people served by the project: *20 youth + 500 audience members*

The teen librarian at Glendale Public Library is proposing to conduct a dramatic arts project for teens in the community. A group of teens would write, stage, and deliver a play for family audiences on the subject of ocean and coastal environmental awareness. The young people would be led by staff from "A Noise Within," a professional theater company in Glendale with a track record of working on similar projects with young actors. They would also be helped by the Surfrider Foundation, who would be invited to deliver a message to the play's audiences and also host the youth for an educational visit to the beach. In addition, Coastal Commission Public Education staff would review the play's educational content before it was finalized. The teens would provide two one-hour performances free of charge to local families. The performances would take place before California Coastal Cleanup Day in September, and the audiences would be encouraged to volunteer for the event. The library would also mount a special coastal cleanup-themed display during the month leading up to Coastal Cleanup Day.

A Whale Tail grant would also support the purchase of a minimum of 200 new books and 50 audio-visual items to be housed at the Glendale's central library as well as teen collections at neighboring branch libraries.

7. Golden Gate Audubon Society

\$10,000

Project Title: *Eco-Oakland Environmental Education Program*
Project Location: *East Oakland*
Project Timeline: *June 2005 to July 2006*
Total Project Budget: *\$10,000*
Estimated number of people served by the project: *1,500*

Golden Gate Audubon Society operates the Eco-Oakland Environmental Education Program in the inner-city community of East Oakland. A component of this program supported by the Coastal Commission last year was the Marine Ecology Project for elementary students and their parents. Golden Gate Audubon is proposing to continue and expand this project.

In the fall, classroom presentations and fieldtrips to Arrowhead Marsh would cover watersheds, ecology, the importance of a healthy marsh, and the marsh's connection to the marine environment. In the spring and summer, after-school marine ecology programs would be offered for students and their parents on topics such as tidepools and the importance of conservation. Weekend field trips would take the children and their families to coastal locations such as Muir Beach and Fitzgerald Marine Reserve for lessons on marine wildlife, their habitats, ocean floor geology, water quality monitoring, safe fish consumption, and environmental stewardship. In a new component, hands-on restoration and pollution reduction activities would be offered to the families during the summer so they could have the opportunity to take concrete actions to protect their watershed.

Participants in this program have often never visited the ocean before. A total of 18 elementary school classes would participate. The students and their families are largely African-American and Latino; half are bilingual so the program is offered in both English and Spanish. A Whale Tail Grant would pay for staff time and buses for field trips.

8. Headlands Institute

\$25,000

Project Title: *Coastal Connections*
Project Location: *Marin County*
Project Timeline: *June 2005 to May 2006*
Total Project Budget: *\$40,555*
Estimated number of people served by the project: *154*

The Headlands Institute is the Marin Headlands campus of Yosemite National Institutes, a nonprofit organization providing outdoor environmental education aimed at inspiring a personal connection to the natural world and responsible actions to sustain it. Founded in 1977, the campus serves close to 20,000 youth and adults annually.

The Headlands Institute is requesting a grant to offer its program to 150 youth from underserved schools in Fresno County. The students would take part in a hands-on, three-day, two-night field science and environmental education program focusing mainly on marine ecology. Among their activities, they would explore the inter-tidal zone and sandy beaches, conduct a plankton tow and examine what they find under a microscope, study coastal geology and erosion, take part in a beach cleanup, compare the coastal environment with the Central Valley, and come to appreciate the connections between the ocean and their own communities.

This grant would also allow four Fresno science teachers to attend a week-long training program on how to implement coastal and marine ecology lessons in their classrooms, and it would help the classes develop stewardship projects to conduct back in their home communities. Funding would cover program and transportation costs in order to enable the students and teachers to travel and attend the program.

9. KIDS for the BAY

\$40,000

Project Title: Coastal Watershed Action Program
Project Location: Alameda and Contra Costa Counties
Project Timeline: May 2005 to June 2006
Total Project Budget: \$160,000
Estimated number of people served by the project: 1,240

KIDS for the BAY (previously known as Estuary Action Challenge) was founded in 1992, is based in Berkeley, and is a project of the umbrella organization known as Earth Island Institute. The organization collaborates with teachers on environmental education projects by providing programs in their classrooms, modeling activities for the teachers and allowing them to get in-depth training alongside their students. The teachers receive an equipment kit and continue the programs on their own when the year is over, receiving additional support during the first year.

KIDS for the BAY will work with low-income, urban, multi-cultural schools in the East Bay. Forty fourth-grade teachers and their classes will receive three full-day sessions about coastal ecosystems, biology, chemistry, watersheds, food chains, marine debris, and the connection between their neighborhoods, storm drains, local creeks, and the San Francisco Bay. Each class will also take a field trip to a local creek, bay, or coastal habitat, and they will adopt a beach and organize a cleanup project there. Classes will also pick a watershed action project to implement such as restoring local urban creeks, monitoring water quality and sharing the results with government officials, or learning about safe fishing and cooking practices to teach to their families. All participating schools will be required to commit to integrating this program into their ongoing curriculum.

10. Moss Landing Marine Laboratories

\$9,992

Project Title: Sea Lion Steward Marine Education Program
Project Location: Moss Landing
Project Timeline: April 2005 to March 2006
Total Project Budget: \$9,992
Estimated number of people served by the project: 2,500

Moss Landing Marine Laboratories (MLML), in collaboration with the nonprofit organization Save Our Shores, offers the Sea Lion Steward Marine Education Program at MLML's El Norte Research Facility located near Salinas River State Beach. Youth in grades K-12 visit the facility and participate in a program in which they learn about marine ecology, conservation, marine debris, and recycling. It includes a component whereby students watch as trained, rehabilitated sea lions pick up litter from their pools and sort it into either trash or recycling bins depending on the nature of the item as the audience cheers them on. Afterwards the participants conduct a beach cleanup, analyze the trash they collect, and learn how long it takes for different litter items to decompose and their consequences to marine wildlife. All students who complete the program are invited back with their parents to take part in Family Stewardship Day in celebration of Earth Day.

The Sea Lion Steward program received a Whale Tail grant two years ago through funding to Save Our Shores. This grant would continue to support the program as it operates its regular activities as well as special components including: translating program materials into Spanish; developing post-visit activities for upper grades on the subjects of marine research and physiology; adding bleachers to the sea lion demonstration site to improve viewing by students; and providing transportation to school groups that could not afford to visit on their own. The targeted schools would be primarily located in the heavily Latino towns of Salinas, Watsonville, and Castroville, where many children come from migrant farmworker families.

11. Pescadero Elementary & Middle Schools \$7,000

Project Title: Adopting Pescadero Marsh
Project Location: Pescadero
Project Timeline: April 2005 to June 2006
Total Project Budget: \$21,950
Estimated number of people served by the project: 220

Last year, students at Pescadero Elementary and Middle schools worked on removing invasive plants at Pescadero Marsh after eighth-graders surveyed local residents to identify a key local problem. Their teachers are now proposing to turn this short-term project into an annual, in-depth unit of study. A pre-project classroom curriculum would teach students the reasons behind marsh restoration. Eighth-graders would work with second-graders and teachers to reflect on last year's program and help redesign activities at the marsh to make them more appropriate for younger students. The school would also work with a facilitator from the Adopt-A-Watershed program and Pescadero Conservation Alliance staff, and the eighth-grade students would meet with local environmental and educational experts to help them plan the program. The program would begin by an assessment by the students of how well plant eradication worked last year, and would include follow-up activities to assess this year's work including water quality testing and monitoring at the marsh. Participating students would document the project and present to it to their schoolmates to prepare them for continuing the project the following year.

A Whale Tail grant would provide the equipment necessary to conduct the restoration and project documentation. Pescadero Elementary primarily serves immigrant farmworker families and is adjacent to Pescadero Creek, which runs through the marsh and into the ocean. Students served would come from this school, Pescadero Middle School, and nearby La Honda Elementary.

12. Pro Peninsula \$10,000

Project Title: Ocean Connectors: The Green Sea Turtles of South San Diego Bay
Project Location: San Diego
Project Timeline: June 2005 to May 2006
Total Project Budget: \$11,600
Estimated number of people served by the project: 500-600 California students

Pro Peninsula is a nonprofit organization helping empower communities on the Baja California peninsula to protect and preserve their environment. The organization is based in the United States but works with organizations on both sides of the U.S.-Mexico border. In "The Green Sea Turtles of South San Diego Bay," sixth-grade classes in San Diego would receive presentations about the endangered sea turtles that live in San Diego Bay and depend on eel grass and a healthy coastal ecosystem in order to survive. The presentations would cover the migration of the turtles to Mexico and how the migration of these animals illustrates the connection between the world's coasts and oceans. The students would also learn about urban runoff, reusing and recycling materials, eating sustainable seafood, cleaning beaches, and behaving in other ways that promote the health of the ocean.

In the second part of the project, these students would exchange letters and pictures with children in Mexico who live near the beaches where the San Diego sea turtles go to nest. A similar program was recently completed in Watsonville and could be expanded elsewhere in the future. This project would target San Diego schools with predominantly bilingual, low-income student bodies. Grant funds would support project expenses in California; no state funds would be allocated for activities in Mexico.

13. San Joaquin Outdoor School \$9,998

Project Title: From the Great Valley to the Ocean and Back
Project Location: San Mateo County
Project Timeline: April 2005 to June 2005
Total Project Budget: \$9,998
Estimated number of people served by the project: 7,200 per year

The San Joaquin Outdoor School was started in 1957 and is one of the oldest and largest outdoor schools in California. It serves fifth and six-grade students from the Central Valley, who travel to the Santa Cruz Mountains for a week-long experience. One-third of the participants have never seen the ocean before. During the week they learn about habitats particular to the coastal environment, study the redwoods and marsh ecology, learn marine biology, and spend a day at the Pescadero Marsh and Estuary, tidepools, and beach.

San Joaquin Outdoor School is requesting funding to enhance the educational experience of the students' studies at the coast. Grant money would support the purchase of a variety of equipment and supplies which would be used each year students arrive. Items to be purchased would include such things as binoculars, field guides, microscopes, spotting scopes, water testing kits, and other laboratory equipment. These purchases would be accompanied by staff training on equipment use, hands-on teaching, and data collection.

14. Save San Francisco Bay Association \$10,000

Project Title: Watershed Education and Wetland Restoration
Project Location: San Francisco Bay Area
Project Timeline: April 2005 to December 2005
Total Project Budget: \$620,235
Estimated number of people served by the project: 6,000+

Save San Francisco Bay Association, also known as Save the Bay, provides classroom education, canoe trips, and wetland restoration activities for Bay Area middle and high school students at different locations along San Francisco Bay. This watershed education program helps young people become aware of the habitats of the Bay and develop a sense of responsibility for the health of these environments. Students explore sloughs of the Bay by canoe, learn about this environment during class sessions before their trips, and follow up with restoration activities such as removing invasive species, planting native plants, and clearing away litter. Save the Bay also trains teachers in incorporating Bay-related material into their lessons through workshops and a watershed curriculum.

Funding from the Coastal Commission would provide general program support including staff salaries and transportation. Save the Bay is committed to serving a diverse student body, and this grant would focus on programs for youth from the underserved community of East Palo Alto.

15. Santa Barbara Museum of Natural History

\$10,000

Project Title: *Sea Center School Programs*

Project Location: *Santa Barbara*

Project Timeline: *April 2005 to March 2006*

Total Project Budget: *\$179,833*

Estimated number of people served by the project: *16,000 annually*

The Santa Barbara Museum of Natural History is responsible for operating the soon-to-open Ty Warner Sea Center, a marine education facility currently being expanded and renovated at Stearns Wharf. The Sea Center is envisioned as a world-class facility featuring state-of-the-art exhibits designed to immerse visitors in the experience of a working marine science lab.

The Museum is requesting funding to help support the development of the Sea Center programs aimed at students. Classes will be able to take self-guided tours with their teachers, and they will also have the opportunity to receive instruction from Sea Center staff. The self-guided tours will include taking part in science projects such as testing the quality of the water at Stearns Wharf and seeing scientists and docents interpret current science about oceans, marine life, and environmental stewardship. The Sea Center classes will cover every school level through college but will emphasize grades K-6. Educational programming will meet all state curricular standards in science.

Students are expected to come from Santa Barbara, Ventura, and San Luis Obispo counties. The majority of the schools have predominantly high-minority, low-income student bodies. Funding from the Coastal Commission would support the educational programs so students could attend for a low fee. The Sea Center hopes to eventually be able to allow all students to visit free of charge.

16. Santa Cruz Resource Conservation District

\$35,000

Project Title: *Watershed Cruzin'*

Project Location: *Santa Cruz County*

Project Timeline: *April 2005 to November 2005*

Total Project Budget: *\$138,603*

Estimated number of people served by the project: *27,700*

The Santa Cruz Resource Conservation District, along with the State Coastal Conservancy, is overseeing the Integrated Watershed Restoration Program (IWRP), a countywide watershed management program involving many state and regional agencies along with landowners attempting to restore impacted watersheds. The educational component of the IWRP features *Watershed Cruzin'*, an activity guide that will be distributed to all grade 4-12 teachers in Santa Cruz County. The guide's author is the same person who wrote the Coastal Commission's successful science activity guide, *Waves, Wetlands, and Watersheds*.

Watershed Cruzin' is designed to increase environmental education by making it easier for teachers to use local watersheds as learning environments. It is envisioned as the definitive watershed activity guide for Santa Cruz County. When completed, it will be over 200 pages long and include classroom and field activities and bilingual worksheets. The material will be aligned with state standards in science and history/social science. It will cover topics such as the nature of watersheds, what makes them healthy, hydrology, habitats and ecosystems, endangered species, water quality, human use and impact, and watershed management. It will be accompanied by teacher workshops, a lending library, and an ongoing database of classroom speakers and restoration opportunities.

Originally funded by the Coastal Conservancy, this curriculum is expanding in scope due to feedback received from educators, and it is now twice as large as originally planned. Whale Tail grant funds would complement the Conservancy's funding and support the author's time to complete the project.

17. Sierra Middle School

\$4,600

Project Title: A Whale of A Time
Project Location: Bakersfield
Project Timeline: April 2005 to April 2006
Total Project Budget: \$4,600
Estimated number of people served by the project: 110

Located in California’s Central Valley, the students at Sierra Middle School are 85 percent Latino and 95 percent of them are enrolled in the free or reduced lunch program. Some of them have never been outside of their home town. The school is hoping to inspire the students to protect the environment and appreciate marine life and ocean ecosystems. This program is aimed at making them “ambassadors” for the oceans and marine mammals.

The middle school students would read and give reports on forms of marine life including whales, sea lions, kelp, sharks, and tidepool creatures. They would also study environmental impacts on the ocean and work to raise the awareness of Central Valley residents about the importance of ocean protection. An “ad campaign” would take the form of posters, writing, and public service announcements. They would also write letters to community leaders and conduct several cleanups in their neighborhood. The project would end with a trip to the coast to go whale watching, where they could see the marine mammals they were learning to protect.

18. STAR, Inc.

\$29,709

Project Title: Watershed and Marine Education Outreach Program
Project Location: Culver City
Project Timeline: April 2005 to April 2006
Total Project Budget: \$154,842
Estimated number of people served by the project: 900

STAR (Science, Theater, Art, and Recreation) was established in the mid-1980s to provide education, recreation, and other enrichment programs that supplement a school’s regular curriculum. The nonprofit organization currently provides a wide range of programs in 41 different school districts in California.

Funding is requested to support a nine-week after-school program for more than 900 students at nine different Title I elementary schools in the LA Unified School District, including the communities of Avalon Gardens, Los Angeles, and Watts. The Watershed and Marine Education Outreach Program would expand on STAR’s existing environmental science program by integrating it with coastal watershed education. The students would take part in environmental science lessons and stewardship activities to foster enthusiasm for taking care of Santa Monica Bay and its watershed. Their “Watershed Watch” lessons would cover such topics as watershed habitats (including mountains, rivers, wetlands, bays, and beaches), native species, marine resources, storm drains, and restoration and protection. A “Watershed Caravan” would then take them on field trips to locations including La Ballona Creek, wetlands, and the coast. They would also visit the STAR ECO Station, an interactive environmental science and wildlife rescue center which includes a marine environment section called “Oceania.”

In addition to these activities, STAR would develop a bilingual Family Coastal Access Guide, featuring information on how to access the coast in the Santa Monica Bay watershed; recreational, educational, and volunteer opportunities at the coast; and a list of habits friendly to the coast and to watersheds. A grant from the Coastal Commission would support expenses including development of the guide, lessons at the schools, field trip expenses, and educational supplies.

19. The Marine Mammal Center **\$10,000**

Project Title: Marine Science Discovery Program
Project Location: Marin County
Project Timeline: April 2005 to September 2005
Total Project Budget: \$18,950
Estimated number of people served by the project: 250

The Marine Mammal Center (TMMC) rescues and treats ill and injured marine mammals at its facility at the Marin Headlands. TMMC staff also conduct scientific research on ailing marine mammals, whose illnesses can signal harmful changes in the ocean environment. The research conducted at the Center provides material that can be taught to the public through the organization's education programs.

The Marine Science Discovery Program is an intensive, career-oriented, six-day program targeting underserved high schools in the San Francisco Bay Area. The program introduces the students to different career opportunities including research, field work, animal care, oceanography, laboratory analysis, and teaching. The program also informs students how their local actions can impact marine mammals and how studying these animals can provide information on the health of the ocean ecosystem. Participating students learn research skills through hands-on labs and activities at their schools, and then tour the Center to see rescue and rehabilitation work in progress. They also conduct additional labs at the facility, spend time on the beach studying beach ecology and water quality, and finish with a boat ride on the Bay which features four field research stations on board. Funding from the Coastal Commission would allow The Marine Mammal Center to purchase the educational supplies necessary to conduct the Marine Science Discovery Program, such as lab supplies, computer software, and text materials.

20. UC Cooperative Extension, Santa Barbara County **\$35,000**

Project Title: Los Pescadores/Agua Pura Curriculum Project
Project Location: Santa Barbara County and Statewide
Project Timeline: April 2005 to December 2006
Total Project Budget: \$46,966
Estimated number of people served by the project: 480+

Agua Pura: Los Pescadores ("Pure Water: Fisheries Stewards") is a curriculum being developed for 10-15 year-olds with an emphasis on Latino youth in both formal and nonformal educational settings. The curriculum will focus on salmon and steelhead and their need for clean water and healthy watersheds, and will encourage participation in service-learning stewardship projects. It will emphasize experiential learning and will encourage the students to take leadership in helping improve the health of their local environments. The content will include salmon and steelhead habitat, life cycles, current needs, historical significance, cultural perspectives, and restoration.

The curriculum is being developed by the University of California Cooperative Extension 4-H Youth Development Program, in collaboration with Adopt-A-Watershed and the Lawrence Hall of Science. These organizations are also receiving support from a number of other entities such as the California Department of Fish and Game and the UC Sea Grant program. The curriculum will be field-tested, one hundred copies will be printed, and it will also be made available online. Three training workshops at different California locations will instruct educators on use of the curriculum. An estimated 480 youth and 140 educators will take part in the first phase of the project, but through educators' workshops and online distribution, it is estimated that several thousand students will eventually benefit. A Coastal Commission grant would support the staff time, travel, and program supplies needed to develop, test, and disseminate the curriculum.

21. American Lung Association of San Diego and Imperial Counties \$10,000

Project Title: *Hold Onto Your Butts!*
Project Location: *San Diego*
Project Timeline: *April 2005 to December 2005*
Total Project Budget: *\$125,000*
Estimated number of people served by the project: *10,000*

In San Diego County, environmental and tobacco control advocates have recently come together to create the Cigarette Litter Abatement Task Force, facilitated by the local chapter of the American Lung Association. The task force is working to educate the public about the environmental and safety hazards created by the large problem of cigarette littering. Each year, approximately 350,000 San Diego residents dispose of an estimated 1.8 million cigarette butts. Many are not disposed of properly – cigarette butts are far and away the most common item found at beach cleanups. On behalf of this task force, the American Lung Association is requesting funding to continue its highly successful “Hold Onto Your Butts!” campaign, which is targeting smokers who illegally throw cigarette butts out of their car windows. The campaign publicizes a 1-800-NO SMOKE hotline drivers can call if they see another motorist toss a cigarette butt from their car. People call the phone number and anonymously report the driver’s license plate number and date, time, and location of the violation. The California Highway Patrol then follows up with a letter to the violator, warning the individual that tossed cigarettes cause fires and end up in the ocean after traveling through the storm drain system. The letter does not impose a fine but reminds the driver that discarding cigarettes is harmful and illegal.

During the first phase of this campaign, the hotline was overwhelmed with as many as 100 calls per day. A Whale Tail grant would allow the campaign to continue by paying for bumper stickers and radio spots advertising the hotline number, postage stamps for the warning letters, and a small amount for a campaign manager.

22. Bolsa Chica Conservancy \$35,000

Project Title: *Restoration on Little Mesa*
Project Location: *Huntington Beach*
Project Timeline: *May 2005 to November 2006*
Total Project Budget: *\$55,820*
Estimated number of people served by the project: *350*

The Bolsa Chica Ecological Reserve is currently the site of habitat restoration taking place on the eastern segment of salt marsh located in the Little Mesa area. Those efforts are being supported with funding from the Southern California Wetlands Recovery Project. The Bolsa Chica Conservancy is requesting funding from the Coastal Commission to restore the adjacent western and southwestern sections of Little Mesa. Approximately one acre of coastal salt marsh and adjoining upland habitat would be restored and enhanced. The project would improve the habitat for wildlife including species of special concern such as the endangered Belding’s Savannah Sparrow and California Least Tern. Invasive, non-native plants would be removed and replaced with native marsh, upland, and dune species. The perimeter of the western segment would get a swath of native vegetation and plant diversity would be increased in the lower marsh zone, thereby increasing the diversity of invertebrate species and benefiting the birds that feed in the area. The restoration work would be conducted by Conservation Corps members, schools groups, and other community volunteers.

In addition, the Conservancy would create a pictorial guide of the plants and invertebrates found at the Bolsa Chica Wetlands to be used by the organization’s educational programs and at the Bolsa Chica Interpretive Center. The Conservancy would also create an educational CD about wetland ecology, marine ecology, and the importance of conservation.

23. Defenders of Wildlife **\$10,000**

Project Title: *Sea Otter and Coastal Water Quality Protection Program*
Project Location: *Central California Coast*
Project Timeline: *April 2005 to October 2005*
Total Project Budget: *\$79,674*
Estimated number of people served by the project: *potentially several million*

California's sea otter population is declining, in part due to water quality problems along the coast. Defenders of Wildlife has been working to protect North American sea otters for many years, and field staff in Monterey are planning to promote protecting the sea otters through improved coastal water quality in central California.

To this end, Defenders of Wildlife will work with staff at state parks along the central California coast. The parks staff will receive sea otter/water quality materials to distribute to visitors and will receive help in developing other educational methods such as slide shows or displays. The interpreters and naturalists at the parks will also get linked to a listserv so they can receive up-to-date information to share with their visitors. In addition, Defenders of Wildlife will hold their annual Sea Otter Awareness Week in September. Educational events and talks will be held at aquariums and classrooms in the area and media stories will be generated to raise awareness about the issue. The organization already has a bilingual sea otter education kit that will be distributed to approximately one hundred schools. Last year, Sea Otter Awareness week was focused in Monterey Bay, and in 2005 efforts will expand into other central coast areas such as Santa Barbara and Ventura counties. Efforts to reach Latino populations in this region will be increased as well.

Finally, Defenders of Wildlife is planning to restart previously successful "Common Ground" meetings between conservationists and fishermen. Since both groups have concerns about the harmful impacts of poor coastal water quality, there is potential for these different parties to collaborate and help the plight of the sea otter in the process.

24. Environmental Education Council of Marin **\$20,000**

Project Title: *News from the Shoreline*
Project Location: *San Rafael*
Project Timeline: *April 2005 to June 2006*
Total Project Budget: *\$34,637*
Estimated number of people served by the project: *20 youth + audience of potentially 200,000*

The Environmental Education Council of Marin (EECoM) is home to the Teen Environmental Media Network, which has been training high school students to report on environmental news stories since 1998. EECoM is proposing to train 20 teen reporters to produce 30 radio and 7 print stories about current issues in coastal ecology. At least half of the students would come from racially diverse, underserved communities. The stories would feature different organizations that display best practices in coastal education and stewardship activities; ten of the radio stories and two of the print stories would feature previous Whale Tail grant recipients.

The young reporters would be trained via a three-week summer workshop as well as ongoing training sessions throughout the school year. They would learn techniques including researching, interviewing, and digital audio editing. They would also study a variety of curricula about coastal and marine issues. Their two-minute radio reports would air on KALW, a San Francisco public radio station broadcasting in five counties, and on small stations based in West Marin and San Rafael High School. The print stories would appear in *Marin Scope* Community Newspapers. Grant funding would support costs such as instructor salaries, computer lab user fees, stipends for the youth, and recording equipment.

25. Friends of the Dunes**\$9,949**

Project Title: *Share the Beach Campaign*
Project Location: *Humboldt County*
Project Timeline: *April 2005 to February 2006*
Total Project Budget: *\$56,549*
Estimated number of people served by the project: *20,000*

Friends of the Dunes, a nonprofit organization dedicated to conserving the natural diversity of coastal dune environments, is requesting funding to promote the recovery of the Western Snowy Plover in Humboldt County. The campaign would implement outreach strategies identified in the Western Snowy Plover Draft Recovery Plan of 2001. Public outreach to help the plovers would include training a corps of volunteers who would be present on beaches, especially during the breeding season. The volunteers would be educated on identifying plovers, their natural history, and beach and dunes ecology. They would promote environmentally responsible behavior towards the birds while roving the beaches, help beachgoers identify plovers and view them from a safe distance, and lead guided walks. Groups such as horseback riders, surfers, and off-road vehicle drivers would be targeted to recruit for volunteering and developing positive relationships. A media campaign prior to the nesting season would provide information to the public about the plovers, and public restoration events for students and service organizations would improve habitat important to these threatened birds. Snowy Plover information would also be incorporated into existing Friends of the Dunes education and outreach programs such as public walks and school presentations.

Funding from the Whale Tail grants program would be primarily allocated for a coordinator to develop the corps of volunteers. Friends of the Dunes hopes to sustain the program in the future through existing staff once the volunteer program is firmly in place.

26. Return of the Natives**\$35,000**

Project Title: *Carmel River Lagoon Restoration Project*
Project Location: *Carmel*
Project Timeline: *May 2005 to April 2006*
Total Project Budget: *\$44,815*
Estimated number of people served by the project: *825*

Return of the Natives (RON) Restoration Education Project is the education and outreach branch of CSU Monterey Bay's Watershed Institute. RON restores waterways and land that drain into Monterey Bay. Funding is being requested for community-based restoration of 2-3 acres at the newly created Carmel River Lagoon. Students and adult volunteers would help gather native seeds, propagate plants, and plant them in upper riparian terrace habitat.

An estimated 600 K-12 students from schools from the underserved communities of Salinas, Seaside, Marina, Greenfield, and Castroville would grow riparian plants in greenhouses and approximately 300 of them would travel to the coast to outplant the native species. The school children would also learn about watersheds, erosion, pollution, and the importance of native plants. A group of developmentally disabled adults called the Greenthumbs would also help with the propagation. High school and university students would collect the native seeds and cuttings. In addition to five school planting days, there would also be three public planting days. Expected to attract about 225 people, they would take place on the weekends and feature live acoustic music for the public to plant by. A total of 6,400 native plants are expected to be planted through this project, which would be supervised by California State Parks staff in conjunction with larger restoration efforts on 100 acres currently underway at Carmel River State Beach. Whale Tail grant funding would support staff time and the travel and supplies needed for the restoration.

27. Santa Monica Mountains Natural History Association \$9,999

Project Title: *Coastal Improvement and Bilingual Marine Education for Point Dume*
Project Location: *Malibu*
Project Timeline: *April 2005 to March 2006*
Total Project Budget: *\$42,606*
Estimated number of people served by the project: *157,000 visitors per year*

Point Dume State Beach and Natural Preserve contains one of the last undeveloped coastal bluff terraces in southern California. It houses tidepools and large amounts of wildlife and serves as a good point to watch migrating gray whales. It is also home to rare southern coastal bluff scrub, coastal dunes, Giant Coreopsis and false heather plants. Unfortunately, because of increasingly high numbers of visitors, dogs being walked on and off leashes, and people walking off-trail, the sandy dunes are becoming eroded and unplanned trails are taking away the coastal bluff vegetation.

As a supporter of State Parks in the Malibu Sector, the Santa Monica Mountains Natural History Association has applied for funds for a two-phased project. During the first phase, beach access trails will be rehabilitated and revegetated. Paths will be marked with fencing and markers on old trails will be removed. Restoration work will be conducted for the native habitat. During the second phase, two information boards at the entrances to the preserve and the beach will be posted, describing the natural resources (including the tidepools) and how visitors can best protect them. Bilingual information will be produced to remind visitors as well as local fishermen to not disturb animals or leave dangerous litter behind. Bilingual interpretive materials will also cover the dangers of hiking off-trail, animal life, geology, and rare plant communities. In addition, docent-led volunteer opportunities will be expanded to involve the public in caring for the natural resources at Point Dume such as cleanup events, weeding days, planting days, and tidepool lectures and other interpretive talks.

28. Wyland Foundation \$20,000

Project Title: *Ocean Challenge 2005 Tour*
Project Location: *Statewide*
Project Timeline: *April 2005 to June 2005*
Total Project Budget: *\$45,000*
Estimated number of people served by the project: *25,000*

The Wyland Foundation, founded by noted marine artist Wyland in 1993, has launched the Wyland Ocean Challenge, "Lend a Hand and Learn." Based on a successful East Coast tour in 2004, a new tour will visit 11 cities on the West Coast, including five in California: San Francisco, Monterey, Santa Monica, Dana Point, and San Diego. The traveling program will consist of educational events for families about coastal conservation and marine science. It is aimed at increasing knowledge about aquatic habitats, people's impacts on the sea, and the importance of taking care of waterways and the coast. Nature walks and cleanups will be held along the tour route.

The touring exhibit will include the creation of a giant community mosaic; a water quality investigation station; a comedic, audience-participation show about water and the future of the seas; marine life touch tanks; and educational videos. The component supported by a grant from the Coastal Commission would be an interactive maze where people play the role of a raindrop heading toward the ocean. Along the way, paths will branch in different directions, with various scenarios and habitats either keeping the water clean or causing it to become polluted. The maze would feature spin wheels, graphic artwork, sound effects, and aquatic animals. This maze would be made available for continued use at public and school events through a loan program upon completion of the tour.

29. Oikonos – Ecosystem Knowledge**\$7,000**

Project Title: Adopt-a-Seabird
Project Location: San Francisco Bay Area
Project Timeline: April 2005 to September 2005
Total Project Budget: \$32,967
Estimated number of people served by the project: 1,500+

Oikonos is a nonprofit organization working locally and internationally to increase ecosystem knowledge through research and education. Current research projects include studying albatross movements and the distribution and abundance of seabirds along the Gulf of California in Mexico. Oikonos is proposing to enhance Adopt-A-Beach and Coastal Cleanup Day programs through education related to the organization's research projects.

In the Adopt-a-Seabird program, teachers, students, and the general public will be encouraged to track "adopted" seabirds on the Internet via satellite transmitters. The seabirds will be two Black-footed Albatross and two Sooty Shearwaters. Participants will learn how marine debris, particularly plastics, harm these birds and that they benefit from keeping beaches clean and preventing fishing gear from being improperly discarded. Workshops will be offered to teachers to help them implement seabird studies in their classrooms. Further, Oikonos staff will collaborate with Adopt-A-Beach managers and Coastal Cleanup Day coordinators to present public lectures on site during beach cleanup events in Benicia, Berkeley, Santa Cruz, Monterey and Marin. "Adopt-a-Seabird" bumper stickers will be distributed and the public will learn how their beach cleaning activities are helping the survival of the seabirds. Coastal Commission funding would complement other funding for the satellite tracking and would support the public outreach and education components of this project.

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

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

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 \$93,500 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 \$84,400 Beach Wheelchair Purchases \$9,000 Coastal Watershed Council for coordinating Snapshot Day statewide \$10,100 Reserve—grantees to be determined \$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 the Inner City Outings program 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: 155 totaling \$3,018,008</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><i>Grantees to be approved by Commissioners in March 2005.</i></p>

Attachment B: 2004/05 Competitive Whale Tail Grant Proposals

Organization Name	Project Title	Requested Amount
Acorn Soupe	Watersheds to Coast	\$50,000
Aim High	Headlands Environmental Home Project	\$25,000
Algalita Marine Research Foundation	Watershed Wonders	\$11,580
American Lung Assn. of San Diego & Imperial Counties	Hold on to Your Butts!	\$10,000
Aquarius Aquarium Institute	Teaching Tidepools	\$27,556
Aquatic Adventures Science Education Foundation	SEA Series Initiative: Field Trips and Community Service	\$19,000
Arana Gulch Watershed Alliance	"Living in the Sandy Watershed" Video Project	\$33,204
Bay Area Comm. Resources/New Perspectives	Coastal and Marine Education and Stewardship Project	\$9,446
Bay Area Discovery Museum	Wave Workshop: Experiments in Form and Function	\$25,975
Berkeley Boosters Police Activities League	Watershed Adventures	\$25,000
Bolsa Chica Conservancy	Restoration on Little Mesa	\$41,120
California Academy of Sciences	Wild City! Outreach Program	\$10,000
Calif. Dept. of Parks and Recreation, Mendocino Dist.	Interactive Underwater Program	\$42,076
Calif. State Parks Foundation/Bay Youth for the Environ.	Candlestick Wetlands Restoration Project	\$10,000
California State Parks, Monterey Junior Lifeguards	Monterey Junior Lifeguard Program	\$9,500
California State Parks, North Coast Redwoods District	Interpretation with Computers	\$7,000
Camp Ocean Pines	Marine Science Environmental Education Camp	\$13,370
Capistrano Unified School District	Project Splash	\$50,000
Carmel Unified School District	Biomonitoring and Plant Restoration at the Carmel River Mouth	\$10,000

Organization Name	Project Title	Requested Amount
Catholic Charities CYO	Restore Salmon Creek!	\$8,000
Center for Environmental Education at Antioch Univ.	Peer Partners in Environmental Education	\$15,125
Central Coast Exploration Station	Shark Tank Display	\$8,855
Central Coast Salmon Enhancement	San Luis Obispo Bay Alliance	\$26,500
Channel Islands Harbor Foundation	Marine Science Learning Laboratory Aboard the SSV Tole Mour	\$10,448
Children's Nature Institute	Coastal Discovery and Training Project	\$8,794
Chula Vista Elementary School District	Chula Vista Nature Center Science Program	\$33,135
Circuit Rider Productions, Inc.	Habitat Restoration and Watershed Science Education	\$35,000
City of Costa Mesa	Environmental Media Campaign of 2005	\$8,304
City of Oceanside Parks and Rec - Aquatics Section	"Habitats in the Sea" Educational Marine Science Camp	\$39,924
City of Oxnard Wastewater Division	Sea Adventure Program	\$12,832
City of Rolling Hills Estates	EnviroScope Coastal & Riparian Water Quality Education	\$4,771
City of Santa Cruz	Plant a Creek	\$13,900
Coastal Watershed Council	Clean Streams School Program	\$9,867
Community Based Learning Solutions	San Diego Coastal Canyonlands Water Education Package	\$17,325
Community Environmental Council	Creek Kids Stewardship	\$9,993
Cornerstone Prep Middle School	Ocean Themed Model Program	\$47,765
County of Orange, Harbors, Beaches and Parks	South Talbert Trail Project	\$644
Coyote Point Museum for Environmental Education	Bilingual AquaZone Exploration Center and Interpretive Signage	\$48,250
Cultural Council for Monterey County	Carmel River State Beach Tile Mural Project	\$35,000
Defenders of Wildlife	Sea Otter and Coastal Water Quality Protection Program	\$10,000
Discovery Science Center	Marine Ecology	\$28,683
EarthTeam	EarthTeam Restoration Initiative	\$20,000

Organization Name	Project Title	Requested Amount
ECO-LIFE Foundation	San Diego Bay Watershed Stewards	\$21,800
El Camino Creek Elementary	No If's, and's or BUTTS About It	\$3,059
Elizabeth Learning Center	Wilderness Adventures Club	\$16,812
Environmental Education Council of Marin	News from the Shoreline	\$27,894
Environmental Volunteers	Kids-in-Nature Marine and Bay Ecology Program	\$27,065
Exploring New Horizons Outdoor Schools	A Meaningful Outdoor Experience for Salinas Title 1 Students	\$14,400
Farallones Marine Sanctuary Association	Shark Mobile	\$11,990
Foundation of California State University Monterey Bay	Return of the Natives and the Carmel River Lagoon Restoration Project	\$44,815
Friends of Cabrillo Marine Aquarium	"Walk Cabrillo" Guide	\$11,000
Friends of Lake Sonoma	Trash Travels ... Salmon Swim	\$7,614
Friends of the Dunes	Share the Beach Campaign	\$9,949
Friends of the Sea Otter	Sea Otter Distribution and Ecology Research	\$22,381
Gallery Route One	Oceans A Way	\$9,500
Glendale Public Library	Ocean Awareness for Glendale Families	\$14,580
Golden Gate Audubon Society	Eco-Oakland Environmental Education Program	\$10,000
Golden State Environmental Education Consortium	Golden State Environmental Learning Exchange	\$10,000
Greenbelt Alliance	Youth Outings Program	\$5,000
Growing Solutions Restoration Education Institute	Camino Lindo Vernal Pool Restoration	\$34,690
Gull Wings Children's Museum	Portable Ocean Touch Tank	\$10,575
Headlands Institute	Coastal Connections	\$25,000
Hidden Villa	Bay to Sea Backpack Camp	\$20,000
Hostelling International - American Youth Hostels	We Share an Ocean	\$35,000
I Love A Clean San Diego	Community Action Mural Project	\$37,358

Organization Name	Project Title	Requested Amount
International Bird Rescue Center	"Message from the Birds"	\$9,393
Jughandle Creek Nature Center	Wetlands and Watersheds Education Outreach	\$25,000
Kern Environmental Education Program - Ocean Campus	Focus on Estuaries	\$2,364
KIDS for the BAY	Coastal Watershed Action Program	\$40,000
Land Conservancy of San Luis Obispo County	Black Lake Canyon Outdoor Environmental Science Lab	\$8,325
Los Angeles Conservation Corps	Coast to Classroom - Ocean Science for Student Teachers	\$26,270
Los Angeles County Department of Public Works	Used Oil Public Education/Outreach Campaign	\$22,390
Mattole Restoration Council	Mattole Ecological Education Program	\$10,000
Moss Landing Marine Labs/San Jose State Univ. Fndn.	Sea Lion Steward Marine Education Program	\$9,992
Moss Landing Marine Labs/San Jose State Univ. Fndn.	Classroom Support for a Marine Science Curriculum	\$32,310
Mountain and Sea Educational Adventures	COASTS - Creating Oceanic Awareness in Students by Teaching Stewardship	\$16,357
Muir Heritage Land Trust	Alhambra Creek Restoration & Environmental Education Collaborative	\$40,000
National Park Service - Marin Headlands	Point Bonita Lighthouse Sesquicentennial Celebration	\$8,000
National Park Service/Mountains Restoration Trust	EcoHelpers Expansion	\$30,789
Norcal Environmental Student Network	High School Student Water Quality Monitoring & Train the Trainer Certification	\$11,285
North Coast F.O.R.E.S.T. Association	Lower Trinity Adopt-A-Forest and Community Education	\$23,150
Ocean Futures Society	Santa Barbara Ambassadors of the Environment	\$10,000
Ocean Shore School	Kid's Ocean Sculpture Garden	\$20,000
Oceanographic Teaching Stations	Marine Studies Education Program	\$25,000
Oikonos - Ecosystem Knowledge	Adopt-a-Seabird	\$32,967
Oiled Wildlife Care Network	Oiled Wildlife Rehabilitation-Interactive Internet Classroom Activity	\$23,291
Orange County Coastkeeper	Community-Based Giant Kelp Reforestation	\$9,096

Organization Name	Project Title	Requested Amount
Orange County Outdoor Science Foundation	"Drip Drop"	\$12,000
Pacific Cetacean Group	Reach Out Marine Programs	\$25,000
Pescadero Elementary & Middle Schools	Adopting Pescadero Marsh	\$16,950
Pioneer Parent Cooperative Organization	Watercourse	\$7,211
Point Arena School District	Clean Waves, Clean South Mendocino County Beaches	\$10,000
Point Reyes National Seashore Association	Coastal Habitat Restoration Program	\$10,000
PRBO Conservation Science	Seabird Aware Phase II	\$29,688
Pro Peninsula	Ocean Connectors: The Green Sea Turtles of South San Diego Bay	\$10,000
Pt. Mugu and Leo Carrillo State Parks	"Whale's Tale" Park Newspaper	\$4,840
Rapture Marine Expeditions	VideoRay Explorer ROV	\$10,000
Redwood Community Action Agency	Testing the Waters	\$10,000
Regents of the Univ. of Calif., Lawrence Hall of Science	Boast About the Coast	\$37,902
Regents of the Univ. of Calif., UC Cooperative Extension	Los Pescadores/Agua Pura Curriculum Project	\$46,966
Regents of the University of California, UC Santa Barbara	Kids-in-Nature: Connecting Watershed Health to Coastal Environments	\$29,230
Regents of the University of California, UCLA	Marina Aquatic Center Adventures in Science	\$29,954
San Diego BayKeeper	Kelp Education and Restoration Project	\$9,850
San Francisco Department of the Environment	Water Wisdom	\$31,100
San Francisco Unified School District	Conservation Connection	\$24,080
San Joaquin County Public Works Stormwater Mgmt.	"H2O YEAH!" School Assemblies	\$9,800
San Joaquin Outdoor School	From the Great Valley to the Ocean and Back	\$9,998
San Joaquin River Parkway and Conservation Trust	From the Sierra to the Sea	\$9,796
Santa Barbara Channelkeeper	Marine Education Program	\$6,800
Santa Barbara Museum of Natural History	Sea Center School Programs	\$20,000

Organization Name	Project Title	Requested Amount
Santa Cruz County Resource Conservation District	Watershed Cruzin'	\$48,603
Santa Maria Discovery Museum	The FOG Zone	\$11,850
Santa Monica Baykeeper	Clean Cities, Clean Oceans Contest	\$9,910
Santa Monica Mountains Natural History Association	Coastal Improvement and Bilingual Marine Education for Point Dume	\$9,999
Save Our Shores	Interpretive Beach Clean-up Program	\$25,000
Save the Bay (Save San Francisco Bay Association)	Watershed Education and Wetland Restoration	\$10,000
Save the Whales	Student Watershed Monitoring Program	\$10,741
Sherman Heights Community Center	Adelante Ciencia Environmental Education & Beach Conservation Program	\$10,000
Sierra Middle School	A Whale of a Time	\$4,600
Sierra Nevada Deep Ecology Institute	Sierra to Sea: Fostering Environmental Stewardship	\$9,277
Solano Resource Conservation District	Educating Lake Berryessa Users about Water Quality Protection	\$46,006
Solano Resource Conservation District	Self-Tour of a Native Plant Demonstration Garden	\$9,770
Sonoma Ecology Center	Watershed Education Program	\$9,874
Sotoyome Resource Conservation District	Watershed Model Project	\$39,419
South Yuba River Citizens League	"The Great Water Mystery"	\$20,000
Spring Rain Foundation	Kids & Fishing Outreach Program	\$9,900
STAR, Inc.	Watershed and Marine Education Outreach Program	\$29,709
Surfrider Foundation - Newport Beach Chapter	Teach and Test Education Program	\$13,650
Surfrider Foundation - San Clemente Chapter	Respect the Beach	\$20,000
Surfrider Foundation - San Diego Chapter	Pollution Prevention: Community and Youth Education	\$30,000
Tall Ship Education Academy	Exploring the San Francisco Bay Estuary	\$10,000
The Marine Mammal Center	Marine Science Discovery Program	\$10,000
Torrey Pines Docent Society	Marine Environment Educational School Program	\$50,000

Organization Name	Project Title	Requested Amount
TreePeople	Eco-tour Program	\$10,000
United States Coast Guard Auxiliary, Flotilla 4-6	Sea Partners Program	\$4,000
Ventana Wilderness Society	Natural Science Discovery Camp	\$15,000
Westminster Woods Environmental Education Program	Watershed and Water Safety Awareness Display and Education	\$24,792
Wishtoyo Foundation	Nicholas Canyon Stream Restoration	\$10,000
Wyland Foundation	Ocean Challenge 2005 Tour	\$30,000
YMCA Point Bonita	Kids-to-Coast Project	\$10,000
Youth Employment Partnership, Inc.	Team Oakland Environmental Education Program	\$8,140
TOTAL REQUESTED:		\$2,720,808