

CALIFORNIA COASTAL COMMISSION

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The staff recommendation below
 was approved
 by the Commission
 at the March 2008 meeting.

February 21, 2008

W8b

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

SUBJECT: Proposed Awarding of Funds from Sales of the Whale Tail License Plate –
 Competitive Grants Program (for Coastal Commission Meeting on Mar. 5, 2008)

SUMMARY OF STAFF RECOMMENDATION: Approve 23 grants, which total \$364,190.

Youth programs (totaling \$241,656):

- Aquarium of the Pacific (\$30,000)
- California Polytechnic State University (\$9,993)
- Centennial High School, Compton Unified School District (\$9,961)
- EarthTeam Environmental Network (\$22,144)
- ECOLIFE Foundation (\$31,390)
- Fort Ross Elementary School District (\$9,510)
- Golden Gate Audubon Society (\$9,999)
- Humboldt State University (\$11,560)
- Marshall Elementary School PTA (\$9,999)
- Oceanographic Teaching Stations (\$8,000)
- Pacific Marine Mammal Center (\$9,975)
- San Francisco Unified School District (\$16,087)
- San Mateo County Resource Conservation District (\$10,614)
- Seymour Marine Discovery Center (\$24,074)
- UC Cooperative Extension, Santa Barbara County (\$28,350)

Programs for the general public (totaling \$82,534):

- American Cetacean Society/Los Angeles Chapter (\$13,000)
- City of Arcata (\$9,975)
- Foundation of CSU Monterey Bay/Return of the Natives (\$25,559)
- Friends of Colorado Lagoon (\$14,000)
- Natural History Museum of Los Angeles (\$10,000)
- PRBO Conservation Science (\$10,000)

Adopt-A-Beach programs (totaling \$40,000):

- Malibu Foundation for Environmental Education (\$25,000)
- Save Our Shores (\$15,000)

Subtotal small grants (\$10,000 and under): \$97,412 (27%)

Subtotal large grants (\$10,001 - \$50,000): \$266,778 (73%)

Motion: I move that the Commission approve the 23 competitive grants recommended by staff for Whale Tail License Plate funding (FY2007/08), 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 2007 a total of 166,420 Whale Tail Plates have been sold. Sales and renewal fees (plus miscellaneous other small fees) have contributed \$11.7 million to the CBCEA, and \$27.3 million to the ELPF. The additional fees that are charged for personalized plates go to the ELPF.

Targeted Grants for FY 2007/08

At its August 2007 meeting, the Commission voted to allocate the \$711,000 FY 2007/08 grantmaking budget as follows: eight targeted grants totaling \$346,810, and the remaining \$364,190 for the competitive grantmaking program. For a listing of those eight 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 2007/08

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 December 7, 2007. Applicants could request any amount up to \$50,000, and between 25 and 50 percent of the grant funds are to be allocated in small grants of up to \$10,000.

Limited Amount of Whale Tail License Plate Funds

The staff received 88 grant applications requesting a combined total of \$1,981,202, which equals over five times the amount of funding available. The grants being recommended here fully distribute this year's competitive grants budget. The number of recommended grants totals just 26 percent of the number of proposals submitted. Attachment B is a list of the applicants, project titles and amounts requested for all grant proposals submitted for this funding cycle.

Selection Criteria

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

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

Staff Recommendation

The staff recommends that the Commission fund the 23 programs listed below (\$364,190 total).

**Staff Recommendations for
Competitive Whale Tail Grant Awards for FY 2007/08**

1. Aquarium of the Pacific \$30,000

Project Title: *Cesar Chavez Elementary School Partnership*

Project Location: *Long Beach*

Project Timeline: *May 2008 to June 2009*

Total Project Budget: *\$154,935*

Estimated number of people served by the project: *600*

The Aquarium of the Pacific has developed a partnership with a local elementary school to help provide its students with an intensive marine science curriculum. Through the partnership, Aquarium educators provide lessons on a number of different scientific topics by using marine science and ocean concepts. The partnership includes stocking and maintaining the school's science laboratory; assigning an Aquarium educator to a specific grade for the entire school year; providing lessons meeting State-mandated science standards for all grade levels; providing opportunities for hands-on activities at the Aquarium; taking the fifth-graders on a boat to learn how scientists study ocean ecosystems; hosting special events for the students' families; and modeling hands-on science instruction for the schoolteachers.

Cesar Chavez Elementary is an underserved Title I school within walking distance of the Aquarium. This partnership began in 2005 and since then, the students' science testing scores have improved dramatically. The Aquarium has already created 48 different school lessons which are integrated with 19 programs offered onsite at the Aquarium; students experience a different program each time they visit as they progress through the different grades. This grant would support continuing the partnership, maintaining the school laboratory, adding new lessons to those already offered, and sharing information about this program to other institutions who might want to use this type of partnership as a model for increasing science literacy in their communities.

2. California Polytechnic State University \$9,993

Project Title: *Youth Environmental Education Programs: Program Improvement Process*

Project Location: *San Luis Obispo*

Project Timeline: *April 2008 to May 2009*

Total Project Budget: *\$35,477*

Estimated number of people served by the project: *11,000 students in programs + other educators*

Faculty at Cal Poly San Luis Obispo will undertake an evaluation of residential environmental education programs at two locations: Rancho El Chorro Environmental School (run by the San Luis Obispo County Office of Education) and the Kern Environmental Education Program (operated for Kern County students in Cambria and Montaña de Oro State Park). The evaluation process will assess and then implement recommended improvements for the two programs, considering many factors such as staff to student ratios; length of activities; location of lessons; overall length of the programs; and involvement by classroom teachers.

In addition to improving these two specific programs, this project will identify best practices for strengthening other experiential environmental education programs focusing on California's marine and coastal environments. Effective strategies and best practices that get identified will be shared with educators statewide through conferences and journals, on the Internet, and through other networking opportunities.

3. Centennial High School, Compton Unified School District

\$9,961

Project Title: *ME2: Marine Environment Empowerment*

Project Location: *Compton*

Project Timeline: *April 2008 to October 2008*

Total Project Budget: *\$15,067*

Estimated number of people served by the project: *40*

The student population at Compton's Centennial High School is 60 percent Latino and 40 percent African American, and 98 percent of them are in free or reduced lunch programs. The school has been suffering from low test scores, campus violence, and high drop-out rates. A new principal and several new teachers are attempting to energize the campus with activities to engage students in becoming empowered and changing their environment.

Forty biology students at Centennial High School would take part in three different activities to learn about marine science and develop a sense of responsibility for their local environment. The first activity would be to study marine science in their classroom. They would also participate in field research for three days on Catalina Island as part of the Mountain and Sea Educational Adventures program. The second activity would be to start a school ocean club to promote projects such as beach cleanups that would help the marine environment. The third activity would be to share what they have learned with other classes at their school and create displays about responsible actions for helping the health of the ocean. This grant would support the cost of the three-day program on Catalina Island.

4. EarthTeam Environmental Network

\$22,144

Project Title: *Aqua Team - Richmond*

Project Location: *Richmond*

Project Timeline: *June 2008 to May 2009*

Total Project Budget: *\$37,432*

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

EarthTeam Environmental Network is a nonprofit organization working to inspire urban and suburban teens to become active stewards of their local communities. EarthTeam partners with community groups and school teachers to help connect their students with a variety of environmental programs.

Aqua Team is a stewardship and leadership program for underserved teenagers in Richmond. The participating teens would work with staff of different environmental organizations to restore and monitor native oysters in San Francisco Bay, conduct habitat restoration projects along several East Bay creeks, and take part in litter cleanups both upstream and at the shoreline. These activities would be accompanied by education on relevant topics such as estuarine ecology and management, oyster biology, water quality monitoring, and the impact of trash on waterways. The tasks involved would help foster real-world job experience.

The teens would also take part in community outreach activities such as communicating findings and solutions to the problem of trash in the waterways and visiting the classrooms of younger students to increase their awareness about these issues. In a separate component not funded by the Coastal Commission, this program would be featured in *The Green Screen*, EarthTeam's monthly show on local cable television. At the end of the program, the youth would take part in a day-long canoeing experience on San Francisco Bay.

5. ECO-LIFE Foundation

\$31,390

Project Title: Stream Team Stewards
Project Location: San Diego
Project Timeline: April 2008 to May 2009
Total Project Budget: \$58,690
Estimated number of people served by the project: 1,000

The ECO-LIFE Foundation is a nonprofit organization working on the Stream Team Stewards project in collaboration with the San Diego Zoo, the Endangered Habitats League, and Groundwork San Diego Chollas Creek. One thousand fourth-grade students would participate in a three-part program. The participants would come from underserved schools in the low-income Southcrest area of San Diego.

The first part would consist of three watershed science lessons in the classroom on topics such as food chains, wildlife, and water quality. The second part would consist of three school field trips. The first two trips would bring students to the impaired Chollas Creek to do experiments on watershed model, test water quality, track native wildlife, plant native vegetation, remove invasive weeds, and go on a hike and learn how to keep the watershed healthy. The third trip would bring them to Sweetwater Marsh Refuge where they would see coastal wildlife that can be affected by polluted runoff. The third part of the program would be comprised of three after-school sessions: a Dr. Zoolittle Watershed Show featuring science, magic, and hands-on learning and accompanied by three different discovery stations; more restoration and monitoring at Chollas Creek; and a beach cleanup and storm drain stenciling project. As a follow-up to this program, all students would take part in an Earth Day celebration at the Chollas Creek restoration site.

6. Fort Ross Elementary School District

\$9,510

Project Title: Marine Environment Project
Project Location: Cazadero, Sonoma County
Project Timeline: April 2008 to August 2009
Total Project Budget: \$14,510
Estimated number of people served by the project: approx. 50 per year

Fort Ross School is a small, rural K-8 school whose District boundary is the northern Sonoma County coast. The school employs three teachers, all of whom teach multiple grades at once, are new this year, and are interested in enriching their curriculum through studying the local coastal environment. To that end, the school would use the services of a local marine ecologist who would train the teachers in 8-10 field trip lessons, and with a curriculum consultant who would help the teachers develop 8-10 units of study. The lessons and field trips would be organized around the topics of shore ecology, near-shore ecology, fisheries, and marine geology. In addition, the school would provide two weekend field trips for the families of the students and would host an open house at the end of the school year to share information on the project with the local community.

Once the teachers received training and fully developed the new science lessons during the first year, the program would continue at the school in future years. A Whale Tail grant would support extra time for the teachers to work as well as assistance from the consultants. The Fort Ross Educational Foundation has pledged to match any funding from the Coastal Commission to pay for laboratory supplies and library resources.

7. Golden Gate Audubon Society

\$9,999

Project Title: *Eco-Oakland Environmental Education Program – Marine Ecology Program*

Project Location: *East Oakland*

Project Timeline: *May 2008 to April 2009*

Total Project Budget: *\$161,810*

Estimated number of people served by the project: *540 students and their families*

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 in FY 2004/05 was the Marine Ecology Program for elementary students and their parents. In FY 2005/06, Golden Gate Audubon received a second grant to continue and expand this program to include hands-on restoration and pollution reduction activities for participating families. This year, the organization is requesting funding for further support of the program including a field trip to the Pacific Ocean and translating the curriculum into Spanish.

Near the end of the current school year, the marine ecology curriculum would be translated into Spanish to better reach native Spanish speakers who participate. Once the new school year begins, classroom presentations and fieldtrips to the marsh at Marin Luther King, Jr. Regional Shoreline would cover watersheds, the importance of a healthy marsh, and how the local community is connected to the marine environment. In addition, after-school marine ecology programs for students and their parents would be offered, and weekend field trips would take the children and their families to coastal sites such as Muir Beach or Fitzgerald Marine Reserve for interpretive hikes, tidepool research, beach cleanups, and learning about the dangers of pollution.

Participants in this program have often never visited the ocean before. The students and their families are largely African-American and Latino, and half of the Latino students are English language learners. A total of 18 elementary school classes would participate.

8. Humboldt State University Sponsored Programs Foundation

\$11,560

Project Title: *California Coastal National Monument: Trinidad Gateway Workshops*

Project Location: *Trinidad, Humboldt County*

Project Timeline: *April 2008 to September 2008*

Total Project Budget: *\$18,260*

Estimated number of people served by the project: *1,835 children + 11,000 public visitors*

Humboldt State University operates a marine laboratory in the town of Trinidad, and Trinidad has been designated as a Gateway to the California Coastal National Monument (comprised of over 20,000 offshore rocks, islands and reefs along the coast of California). In an effort to inform the public and local students about this Monument and Trinidad's role as a Gateway, faculty at the marine lab would develop educational materials about the flora, fauna, and geology of the Trinidad area and the National Monument. The Gateway designation is expected to increase the number of visitors to the area, and middle school students are increasingly visiting the lab; therefore, the new materials would be created for use by both of these growing audiences.

The curriculum materials would first be tested during two week-long middle school workshops during the summer of 2008. Topics to be covered would include ocean water, ocean chemistry, plankton, waves and tides, marine geology, kelp beds, and intertidal communities. The workshops would consist of lectures, lab activities, and field visits. Students would also take an educational trip on Humboldt Bay aboard the *RV Coral Sea*. Once completed, the middle school curriculum would be shared with teachers who are planning visits to the laboratory, and educational materials would also be shared with the general public at the lab (which currently attracts 11,000 visitors per year) and in locations such as local museums.

9. Marshall Elementary School PTA

\$9,999

Project Title: *Que Viva el Mar!*
Project Location: *San Francisco*
Project Timeline: *April 2008 to December 2008*
Total Project Budget: *\$32,560*
Estimated number of people served by the project: *108*

Marshall Elementary School is located in San Francisco's Mission District and primarily serves Latino students from low-income families who have recently immigrated to the United States. The school provides environmental education throughout the year and holds Oceans Month each May. In addition to these activities, Marshall Elementary would like to send its students in grades three through five to participate in the field science education program at the Headlands Institute in Marin County. This intensive program includes staying over for between one and three nights and allows teachers to select from different emphases such as marine science, coastal ecology, geology, native botany, Miwok culture, or hydrology. To supplement the field program, Headlands Institute staff would also visit the school to provide lessons both before and after the students' trip there. These lessons are designed to connect the field component back to the local community.

Marshall Elementary hopes to receive a 50 percent scholarship to attend the program at the Headlands Institute but is requesting funds to pay for much of the remaining 50 percent. A small amount of funding is also requested for supplies so students could build displays for a marine habitat fair at the school.

10. Oceanographic Teaching Stations

\$8,000

Project Title: *Marine Science Education Field Trips for Low-Income Schools*
Project Location: *Manhattan Beach*
Project Timeline: *May 2007 to June 2008*
Total Project Budget: *\$8,000*
Estimated number of people served by the project: *1,000*

Oceanographic Teaching Stations is a nonprofit organization that operates the Roundhouse Aquarium and Marine Studies Lab at the end of the Manhattan Beach Pier. A Whale Tail grant would allow the aquarium to host 1,000 elementary students from underserved schools in Los Angeles County, and to pay for bus transportation for the most underserved schools. Communities targeted for participation would include Lawndale, Hawthorne, Compton, Inglewood, and the city of Los Angeles.

At the aquarium, the students would take part in a three-hour marine science program featuring a scavenger hunt to become familiar with the different animals at the aquarium; a discussion about storm drains and their role in creating marine pollution; dressing up in marine animal costumes to learn about food chains and bioaccumulation; and an educational beach walk.

In addition to the program at the aquarium, the teachers of the participating students would receive preparatory packets before the visit and follow-up activities and resources afterwards. The project as a whole is intended to raise awareness of issues about the environment and the ocean and to encourage children to become environmentally responsible citizens.

11. Pacific Marine Mammal Center \$9,975

Project Title: *Pinniped Pollution Project*
Project Location: *Laguna Beach*
Project Timeline: *May 2008 to January 2009*
Total Project Budget: *\$14,445*
Estimated number of people served by the project: *500*

The Pacific Marine Mammal Center is a nonprofit rehabilitation facility that rescues and treats stranded marine mammals and operates educational programs. In this project, the Center would host 15 classes of fourth- and fifth-graders from underserved schools in the inland Orange County communities of Santa Ana, Anaheim, Orange, Garden Grove, and Fullerton. The students would learn how trash travels to the ocean, its effects on marine life, and how individual behavior can help eliminate the problem. They would engage in activities including observing sea lions recovering from pollution-related injuries, seeing the plastic stomach contents of a sea lion that once died of malnourishment, working with an interactive watershed model, and making reusable tote bags to carry their lunches.

A grant from the Coastal Commission would include transportation and program fees for the visiting students, as well as small amount for staff time and outreach to the schools.

12. San Francisco Unified School District Environmental Science Center \$16,087

Project Title: *Conservation Connection: An Urban Watershed Project*
Project Location: *San Francisco*
Project Timeline: *April 2008 to June 2009*
Total Project Budget: *\$98,262*
Estimated number of people served by the project: *450 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. 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, take part in NOAA's LiMPETS sandy beach monitoring program, 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 take part in this program and integrate conservation concepts with their science curriculum. They would attend a fifth workshop to evaluate the project. The students would also receive preparatory in-class lessons on topics such as habitats, energy and water conservation, and water quality issues. The final component of this project would be an Environmental Focus Week and Environmental Fair hosted by each participating school.

13. San Mateo County Resource Conservation District \$10,614

Project Title: Watershed Discovery Workshop
Project Location: Moss Beach, San Mateo County
Project Timeline: April 2008 to December 2008
Total Project Budget: \$27,194
Estimated number of people served by the project: 280

In order to help prepare young people with a sense of responsibility and stewardship for an entire watershed, the San Mateo County RCD is planning full-day workshops about the land-to-sea connection for students in grades four and five. The students would explore different parts of the San Vicente Watershed while learning from resource specialists, park rangers, and watershed stewards in the community.

The students would begin their experience at Fitzgerald Marine Reserve at the mouth of San Vicente Creek. There they would learn about watersheds, nonpoint source pollution, resident wildlife, and the impacts of water quality on the marine life. They would also collect water samples from the surf zone. The students would then travel upstream to Moss Beach Ranch and learn about San Vicente Creek, its riparian zone, and best practices in ranching. The ranch has a water quality laboratory where the students would test their water samples for bacteria. At the ranch, they would also build a watershed model and observe what happens when rain flows down the watershed.

To prepare for the workshop, participating classes would receive relevant educational videos and other materials beforehand, and they would receive a follow-up visit afterwards to review the results of their lab experiment. Participants would come from San Mateo County schools, and half of them would be from inland, underserved schools in Redwood City and East Palo Alto.

14. Seymour Marine Discovery Center at Long Marine Laboratory \$24,074

Project Title: From Stream to Sea Coastal Watershed Education Program
Project Location: Santa Cruz
Project Timeline: May 2008 to December 2009
Total Project Budget: \$27,537
Estimated number of people served by the project: 300 students during the first year

The Seymour Marine Discovery Center wishes to implement a pilot program providing coastal watershed education through instruction and activities in schools, lessons and a tour at the laboratory, and beach cleanup events at Santa Cruz State Parks.

For the first component of the program, ten pilot teachers would use the San Lorenzo Watershed Education Kit, which is already being developed by the Santa Cruz Museum of Natural History in partnership with the Resource Conservation District of Santa Cruz County. The kit includes activities and resources and focuses on river- and land-based watershed themes. In the program's second component, the Center would develop a Discovery Lab and Tour with content about coastal watersheds and host the ten pilot teachers and their students. The students would see a working marine lab, take part in hands-on experiments, and rotate between stations to learn about the water cycle, the salmon food web and life cycle, and marine debris and the connection between human activities and coastal health. The tour at the lab would also include seeing views of the beach and being able to visualize a line between watershed land, a coastal wetland, and marine life. Finally, from the lab, the students would be bused to a beach to remove litter, discuss what they find, and learn how they could participate in other beach cleanups in the future.

The target audience for this project would be students at underserved Title I schools in Santa Cruz County. After evaluations are reviewed from the pilot participants, the program would be adjusted and be offered in the future to all fourth- and fifth-grade classes on the central coast.

15. UC Cooperative Extension, Santa Barbara County \$28,350

Project Title: *Agua Pura Salmon & Steelhead Curriculum Statewide Trainings*
Project Location: *Statewide*
Project Timeline: *April 2008 to December 2009*
Total Project Budget: *\$28,350*
Estimated number of people served by the project: *240 educators*

Agua Pura: Exploring Salmon and Steelhead in California Communities is a curriculum for 10-15 year-olds with an emphasis on Latino youth in classrooms, after-school programs, and other nonformal educational settings. The curriculum focuses on salmon and steelhead, their need for clean water and healthy watersheds, and the effect people have on the fish and vice versa. It emphasizes experiential learning and encourages participation in service-learning stewardship projects such as habitat restoration so students can help improve the health of their local environments. The content is aligned to California State Science Standards for the sixth grade and includes salmon and steelhead habitat, life cycles, current needs, and historical significance and also covers more general scientific topics such as aquatic biology, botany, and geology. Worksheets are printed in both English and Spanish.

The curriculum was developed in partnership with a number of agencies with help from a Coastal Commission grant in FY 2004/05. A new grant would support planning, developing, and providing training workshops for educators to promote further use of this curriculum, especially for those working with Latino populations. Three full-day regional workshops would be held: one in northern California, one in the central part of the state, and one in the south. Additional shorter workshop sessions would be delivered at a variety of relevant conferences such as the annual conferences for the California Association of Bilingual Educators and the Association of Environmental and Outdoor Educators. Attendees at the trainings would also receive resource kits.

16. American Cetacean Society/Los Angeles Chapter \$13,000

Project Title: *“Whales in a Changing World” Conference*
Project Location: *Monterey*
Project Timeline: *April 2008 to November 2008*
Total Project Budget: *\$25,500*
Estimated number of people served by the project: *400-500*

The Los Angeles Chapter of the American Cetacean Society is organizing the Society’s 11th International Conference, which will be held over several days in Monterey in November 2008. The theme of this year’s conference will be “Whales in a Changing World” and will host leading marine experts from a number of different countries as well as students, artists, environmental writers, government officials, and ocean explorers. The goal of the conference is to promote discussion and thought about the role and conservation of whales in a rapidly changing world, debate theories, and leave attendees motivated to act as stewards of the ocean and make a difference. The conference seeks to bridge the gap between scientists and laypeople.

Through a Whale Tail grant, the Coastal Commission would be a sponsor of the conference, supporting the costs of renting the conference facility and printing all programs. Receiving this sponsorship would allow the Society to lower the registration fee for all attendees, enabling more people to attend.

17. City of Arcata Environmental Services Department

\$9,975

Project Title: *Summer Youth Mural Project*

Project Location: *June 2008 to August 2008*

Total Project Budget: *\$19,520*

Estimated number of people served by the project: *70 youth + general public*

In 2007, the City of Arcata’s Recreation Division successfully completed a youth mural project depicting environmentally responsible practices that could be undertaken by households and businesses. With that mural done, the City is now proposing to create two more youth murals during the summer of 2008.

The youth participants would come from the Recreation Division’s “Arts in the Afternoon,” a free after-school program for Humboldt County teens. The murals would be designed by two selected teens and then painted by a total of 70 youth. They would depict the connection between marine and coastal ecosystems and storm drains and would be intended to inspire action to protect the city’s storm drains from pollution.

The participating teens would begin painting in the month of July after an estimated 25 of them attend a two-week science camp in June, also offered by the City. The camp would cover local marine ecology and feature trips to local marsh, dune, and beach habitats. The campers would participate in dune restoration and litter cleanups and would learn from CCC’s *Waves, Wetlands, and Watersheds* curriculum. The murals would be painted with recycled paint in two centrally-located spots in town.

18. Foundation of CSU Monterey Bay/Return of the Natives

\$25,559

Project Title: *Bullets to Butterflies: Fort Ord Dunes State Park Restoration Project*

Project Location: *Monterey County*

Project Timeline: *May 2008 to April 2009*

Total Project Budget: *\$35,635*

Estimated number of people served by the project: *750*

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’s fiscal agent, the Foundation of CSU Monterey Bay, is requesting funding for community-based restoration of 3-4 acres at the new Fort Ord Dunes State Park. As the land formerly belonged to the United States Army, the vision of this restoration project is “to restore with native plants degraded dune habitats so that butterflies will be soaring over sites formerly whizzing with bullets.”

In this project, students would help with the full restoration cycle of gathering native seeds, propagating plants, planting them in the dunes, and weeding and monitoring them afterwards. The students, numbering approximately 600, would come from all grade levels at six different underserved schools in the communities of Marina and Seaside. Approximately twelve of their teachers would also attend a professional development workshop on the cycle of dune restoration. RON would also host two community restoration events attracting approximately 150 university students and other members of the general public. An estimated total of 5,000 plants would be grown and installed. Students would also take part in experiences at school such as learning about photosynthesis, plant respiration, and native plant adaptations.

19. Friends of Colorado Lagoon \$14,000

Project Title: *Educational Program*
Project Location: *Long Beach*
Project Timeline: *June 2008 to May 2009*
Total Project Budget: *\$28,400*
Estimated number of people served by the project: *5,900-8,500*

Friends of Colorado Lagoon (FOCL) is a citizen coalition working to preserve and restore Colorado Lagoon in East Long Beach in order to keep a healthy balance between recreation, flood management, safe water, and wildlife habitat. The lagoon is an urban wetland containing tidal water habitat, salt marsh plants, Western Pygmy Blue butterflies, octopuses, fish, and residential and migratory waterfowl.

FOCL is requesting support for four different environmental education programs. The first activity would be regularly scheduled summer and after-school programming for local students about nature, sustainability, and conservation. The second activity would be holding environmental service events on Coastal Cleanup Day and Earth Day, when environmental booths and literature would also be provided for cleanup participants and local scientists and researchers would talk with the public. The third activity would be offering community workshops twice a year to share updates about restoration efforts at the lagoon. The final educational program would be monthly “Estuary Exploration” nature walks describing ecological characteristics of the lagoon combined with a litter cleanup. The walks would leave from the Wetlands and Marine Science Education Center located at the lagoon, and they would change their focus each time according to the changes of the season.

20. Natural History Museum of Los Angeles County \$10,000

Project Title: *Marine Hall Renovation*
Project Location: *Los Angeles*
Project Timeline: *April 2008 to July 2009*
Total Project Budget: *\$254,205*
Estimated number of people served by the project: *525,000 per year*

The Natural History Museum of Los Angeles County is undertaking an extensive renovation of its Marine Hall, which features six dioramas that will be upgraded and enhanced. Each diorama depicts a different zone relating to the ocean: an estuary, a wharf piling, an intertidal zone, a subtidal cliff, an offshore reef, and a deep sea basin. The Marine Hall serves several hundred thousand members of the general public annually and is visited by school groups nearly every day, yet its exhibits have not significantly changed since they were first displayed in 1977.

The new Marine Hall will add digital and interactive technology, display a larger number of specimens from the museum’s collection (which is used by scientists and includes the second-largest marine mammal collection in the world), and share results of recent research by its staff. (For example, recent research has focused on factors that lead to whale stranding and creatures that depend on hydrothermal vents.) The renovation will also emphasize human impact and environmental stewardship, using the example of the southern California coast as the setting for major ecological issues such as dwindling natural resources, the need for conservation, and climate change.

21. PRBO Conservation Science \$10,000

Project Title: *Pocket Guide to Coastal Birds of California*
Project Location: *Statewide*
Project Timeline: *June 2008 to December 2008*
Total Project Budget: *\$14,029*
Estimated number of people served by the project: *5,000 minimum*

PRBO Conservation Science, originally founded as the Point Reyes Bird Observatory in 1965, is a nonprofit organization dedicated to the conservation of birds and other wildlife through bird and ecosystem research and outreach. The organization has already successfully produced several popular pocket guides to different types of birds including birds of the Sierra Foothills, birds of the San Francisco Bay, and creek birds of California. Funds are being requested from the Coastal Commission to support a new publication in the series, a pocket guide to birds of the California coast.

The guides are attractive, printed in full-color, and small enough to carry conveniently. They include a photograph of each species, descriptions for identification purposes, and other information such as diet and geographic range. The *Pocket Guide to Coastal Birds of California* would also follow the template of previous publications by including a conservation tip and safe viewing guidelines to help beach users respectfully share the coast with the birds. Beach educators and habitat managers would learn from it as well.

A Whale Tail grant would support the staff time associated with developing and conducting outreach for the booklet as well as printing 5,000 copies. The copies would be distributed free of charge to beach managers, beach educators and docents, and to coastal visitor centers.

22. Malibu Foundation for Environmental Education \$25,000

Project Title: *Adopt-A-Beach School Assembly Instructional DVD*
Project Location: *Los Angeles County and Statewide*
Project Timeline: *April 2008 to August 2008*
Total Project Budget: *\$68,150*
Estimated number of people served by the project: *40,000*

The Malibu Foundation for Environmental Education founded the Adopt-A-Beach School Assembly and Kids' Cleanup Program which is now supported by targeted Whale Tail grants in seven locations in California. This new grant would fund an instructional DVD that would complement the assembly program. The Adopt-A-Beach School Assembly Program motivates children to care for the marine environment and presents images and a discussion of the dangers of debris in the world's oceans, recycling, litter reduction, and the storm drain system. This DVD would contain excerpted footage of a live assembly program combined with footage of Kids' Adopt-A-Beach cleanup event, plus expanded content on the major points of the assembly, quizzes, animation, suggested hands-on projects students can do to take action at home and in the classroom, and encouragement for children to conduct their own beach or neighborhood cleanups.

Copies of the DVD would be left with classes that saw the assembly program to reinforce the assembly's message, and to reach students who did not see the program. Copies would also be distributed to schools that have not received the assembly program but could play the DVD instead. Copies would also be placed in the CCC Public Education Program's video loan library so interested educators could borrow a film aimed at young children about the sources and impacts of marine debris. The DVD may also be broadcast on public television stations or other television shows in the future.

23. Save Our Shores**\$15,000*****Project Title: Expanding School and Adopt-A-Beach Programs in Santa Cruz County******Project Location: Santa Cruz County******Project Timeline: April 2008 to March 2009******Total Project Budget: \$45,000******Estimated number of people served by the project: several hundred volunteers + schoolchildren***

Save Our Shores (SOS) is a nonprofit organization serving as the Adopt-A-Beach coordinator of Santa Cruz County. In the Adopt-A-Beach program, a group commits to cleaning a specific beach at least three times per year.

SOS is proposing to strengthen and expand the Santa Cruz program in several ways. An educational component would be added so that a beach captain would meet all groups cleaning their adopted beach and inform them about the sources and effects of marine debris. Following a model program started in San Diego with CCC support, Adopt-A-Beach signs would be purchased and installed recognizing adopter groups in a manner similar to Adopt-A-Highway signs. The signs would increase visibility of the program, encourage other adopters, and remind the public not to litter. Save Our Shores would proactively recruit new adopters with the goal of doubling the number of groups adopting beaches. Finally, staff would expand a program in the local schools teaching children about the causes and impacts of marine debris. The students and their teachers would be encouraged to take part in beach cleanup events, including regularly scheduled cleanups and the annual Coastal Cleanup Day event.

Attachment A:

Grants Approved to Date From Sales of Whale Tail License Plate

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

Fiscal Year	Targeted Grants	Competitive Grants
<p>2000/2001 \$359,000 Total</p> <p>Funds avail. for targeted grants: \$187,000</p> <p>Funds avail. for competitive grants: \$172,000</p> <p>Requests received: 122 totaling \$2,582,569</p>	<p>Foundation of California State University Monterey Bay for S.E.A. Lab, Monterey Bay \$60,000</p> <p>Adopt-A-Beach School Assembly Program and Earth Day Kids’ Cleanup Program \$40,000</p> <p>New School Curriculum Project \$50,000</p> <p>Restoration Education Program in Newport Bay \$15,000</p> <p>California Dept. of Forestry and Fire Protection for updating the Environmental Education Compendium for Natural Communities \$10,000</p> <p>Monterey Bay Sanctuary Foundation for Citizen Watershed Monitoring Network \$10,000</p> <p>California Environmental Education Interagency Network for the Environmentality Project \$2,000</p>	<p>Calif. State Parks, Gaviota Sector for the Adopt-A-School Program and Educator’s Workshop \$9,890</p> <p>O’Neill Sea Odyssey, Santa Cruz, for Project Discovery \$10,000</p> <p>Orange County CoastKeeper for the Marine Ecosystem Education Program \$7,000</p> <p>Farallones Marine Sanctuary Association, San Francisco for the Sanctuary Explorers Camp \$8,495</p> <p>Mayo Elementary School, Compton for community environmental awareness and ocean conservation education \$5,655</p> <p>Sunnyside High School, Fresno for beach and ocean education \$6,220</p> <p>Calif. State Parks, Doheny State Beach Lifeguards for the Youth Awareness Program \$25,200</p> <p>Glendale Public Library for “A Whale of a Tale” \$9,300</p> <p>Upper Sacramento River Exchange, Dunsmuir for a “Headwaters to Sea” public exhibit \$9,000</p> <p>Chula Vista Nature Center for interpretive elements at bay/wetland exhibit \$6,000</p> <p>University of Southern California Sea Grant Program for the Parent Child Education Program \$21,870</p> <p>Guadalupe-Nipomo Dunes Center for youth and seniors exchanging cultural and natural history \$13,380</p> <p>Creative Environmental Conservation for Return of the Natives at Moss Landing Dunes State Beach \$10,000</p> <p>Heal the Bay for its Adopt-A-Beach Program in Los Angeles County \$15,000</p> <p>Northcoast Environmental Center for the Marine Debris Education Project in Humboldt County \$4,990</p> <p>Ocean Song Farm and Wilderness Center, Sonoma County for watershed education field trips \$10,000</p>

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

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

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

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

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

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

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

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

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

Fiscal Year	Targeted Grants	Competitive Grants
<p>2007/2008 \$711,000 Total</p> <p>Funds avail. for targeted grants: \$346,810</p> <p>Funds avail. for competitive grants: \$364,190</p> <p>Requests received: 104 totaling \$2,328,012</p>	<p>Foundation of California State University Monterey Bay for Camp SEA Lab \$60,000</p> <p>Adopt-A-Beach School Assembly Program and Kids' Cleanup Program \$98,500</p> <p>Heal the Bay Adopt-A-Beach Program \$30,000</p> <p>I Love A Clean San Diego Adopt-A- Beach Program \$22,500</p> <p>Tides Center for School-Based Marine Education Program \$56,000</p> <p>Tides Center for Community-Based Wetland Restoration and Education \$72,000</p> <p>Crystal Cove Alliance for Beach Wheelchair Purchases \$4,810</p> <p>San Francisco Ocean Film Festival for the 2008 Film Festival \$1,000</p> <p>California Environmental Education Interagency Network for the Environmentality Project \$2,000</p>	<p><i>To be approved by Commissioners in March 2008.</i></p>

Attachment B: 2007/08 Competitive Whale Tail Grant Proposals

Organization Name	Project Title	Requested Amount
Action Network	Coastal Cultural Connections	\$24,540
Algalita Marine Research Foundation	Watershed Wonders: Los Angeles River and the Cola Kayak	\$18,810
American Cetacean Society / Los Angeles Chapter	Whales in a Changing World	\$50,000
Animo Leadership HS Marine Biology Club	Mission Possible Part 2: Educating Latino Communities	\$5,070
Aquarium of the Pacific	Cesar Chavez Elementary School Partnership	\$49,500
Avila Beach Marine Institute	Bat Ray Touch Tank Exhibit	\$15,000
Bay Area Discovery Museum	Marine Science Saturdays	\$9,919
Bell Gardens High School	Exploring the Upper Newport Bay	\$9,960
Bio-Integral Resource Center	Protecting Water from Pesticide Pollution	\$10,000
Blue Frontier Campaign (Ocean Awareness Project)	Education Program	\$25,729
Bolsa Chica Conservancy	Inland Cities Wetland Education and Research Program	\$50,000
Cabazon Elementary	Exploring the Ocean Deep	\$14,274
California Institute for Biodiversity	Coast Alive! - Land-Sea Interface	\$9,548
California Polytechnic State University	Program Improvement Process	\$9,993
California State Parks, Salton Sea State Recreation Area	Kayak Tour Program	\$7,000
Camp Ocean Pines	Touch Tank for Marine Science Education Program	\$10,000
Centennial High School, Compton Unified School District	ME2: Marine Environment Empowerment	\$9,961
Center for Natural Lands Management	Restoration, Outreach, & Education at Rancho Guadalupe Dunes	\$35,400
Children's Maritime Foundation	Experiential Marine Science Aboard the Tallship American Pride	\$35,472
Children's Nature Institute	Coastal Discovery Project	\$10,387
City of Arcata Environmental Services Dept / Recreation	Summer Youth Mural Project	\$9,975

Organization Name	Project Title	Requested Amount
City of Encinitas Fire and Marine Safety Department	Moonlight Beach Public Education Kiosk	\$23,242
City of Oakland Office of Parks and Recreation, Lake	Sailing Into Science	\$9,999
City of Rancho Palos Verdes	Coastal Native Peoples Project	\$11,900
City of San Rafael / San Rafael Clean	San Rafael Clean Litter Education Program	\$20,787
City of Santa Cruz Water Dept, Water Resources	Watershed Delineation Project	\$15,450
Clark Magnet High School-Glendale Unified School District	Distribution of Contaminated California Spiny Lobster	\$19,400
Coastal Land Trust	Seaside Beach Outreach and Education	\$8,983
Defenders of Wildlife	Sea Otter and Coastal Water Quality Protection	\$25,000
Del Norte Resource Conservation District	Habitat Observation Tower at Lake Earl Wildlife Area	\$50,000
EarthTeam Environmental Network	Aqua Team - Richmond	\$22,594
ECOLIFE Foundation	Stream Team Stewards	\$41,390
Fort Ross Elementary School District	Marine Environment Project	\$9,510
Foundation of California State University Monterey Bay	Bullets to Butterflies: Fort Ord Dunes State Park Restoration Project	\$35,635
Friends of Colorado Lagoon	Educational Program	\$28,400
Friends of Monterey Academy of Oceanographic Science	Pollution Studies & Mitigation Projects in Urban Monterey Creeks	\$41,134
Friends of the Dunes	Public Coastal Education Expansion Project	\$9,996
Golden Gate Audubon Society	Eco-Oakland Environmental Education Program – Marine Ecology Program	\$9,999
Great Opportunities	Helping Hands Environmental Clean-Up	\$2,109
Hilltop High School, Sweetwater U.H.S. District	Sweetwater Marine Education & Awareness Program	\$9,565
Humboldt State University Sponsored Programs	California Coastal National Monument: Trinidad Gateway Workshops	\$11,560
Inland Empire Resource Conservation District	Storm Water Pollution Prevention Program	\$9,941
Karuk Tribe of California	Journey to the Sea	\$14,300
Laguna Ocean Foundation	Tidepool Education Interpretive Program at Heisler Park	\$28,400
Literacy for Environmental Justice	Wetlands Stewardship in Southeast San Francisco	\$42,470
Los Angeles Conservation Corps	Conservation through Kayaking	\$33,994

Organization Name	Project Title	Requested Amount
Malibu Foundation for Environmental Education	Adopt-A-Beach School Assembly Instructional DVD	\$49,950
Marshall Elementary School PTA	Que Viva el Mar!	\$9,999
Monterey Bay Sanctuary Foundation	Team OCEAN Kayaker Naturalist Program's Cannery Row	\$5,110
Monterey Junior Lifeguard Program	"Eco-Imagination" Photography Project	\$2,300
Natural History Museum of Los Angeles	Marine Hall Renovation	\$50,000
Newport Harbor Nautical Museum	Whale of a Day	\$31,000
Northcoast Environmental Center	Humboldt County Adopt A Beach Program	\$35,000
Northcoast Marine Mammal Center	Summer Youth Camps	\$4,046
Oakland Museum of California	Youth Science Marine Explorer Program	\$49,900
Occidental Arts & Ecology Center	WATER Institute	\$9,999
Oceanographic Teaching Stations	Marine Science Education Field Trips for Low-Income Schools	\$8,000
Ojai Valley Land Conservancy	Once Upon a Watershed	\$10,000
Pacific Marine Mammal Center	Pinniped Pollution Project	\$9,975
PRBO Conservation Science	Pocket Guide to Coastal Birds of California	\$10,000
Pro Peninsula	Ocean Connectors: Connecting Youth for Conservation	\$17,955
Redwood Community Action Agency	Stormwater Savvy Series	\$49,450
Resource Conservation District of Santa Cruz County	Watershed Cruzin' Teacher Programs 2008-09	\$29,884
San Diego Coastkeeper	Project SWELL	\$15,000
San Fernando High School	From the City to the Sea: School Science Club	\$9,990
San Francisco Police Youth Fishing Program	Summer Fishing Program	\$25,000
San Francisco Unified School District Environ. Science Ctr.	Conservation Connection: An Urban Watershed Project	\$16,087
San Joaquin Outdoor School	Integrating Technology into the Great Outdoors	\$7,125
San Mateo County Resource Conservation District	Watershed Discovery Workshop	\$49,127
Sanchez Elementary School	Tijuana River Estuary Study	\$3,000
Santa Barbara Museum of Natural History	Channel WATCH (Watershed Activities for Teaching Coastal	\$9,950

Organization Name	Project Title	Requested Amount
Save Our Shores	Expanding School and Adopt-A-Beach Programs in Santa Cruz Co.	\$30,000
Save the Bay	Your Neighborhood Connection: The Portable Watershed	\$50,000
Scott Valley Unified School District	Crest to Coast Project	\$9,950
Seymour Marine Discovery Center at Long Marine Lab	From Stream to Sea Coastal Watershed Education Program	\$24,074
Solano Resource Conservation District	Suisun Marsh Estuary to the Ocean Education Program	\$14,000
Surfrider Foundation	Creating Ocean Friendly Gardens Throughout Southern California	\$18,000
The Marine Mammal Center	Whale Bus Program	\$20,000
Think Earth Environmental Education Foundation	Think Watershed	\$35,000
Trinidad Museum Society	Rehabilitation of Historic Victorian Bungalow	\$37,370
UC Cooperative Extension, Santa Barbara County	Agua Pura Salmon & Steelhead Curriculum Statewide Trainings	\$28,350
UC Santa Barbara, Gevirtz Graduate School of Education	Youth Enrichment Adventure	\$41,722
Ventana Wildlife Society	Natural Science Education Programs	\$10,000
Waddell Creek Association	Renovation of Nature and History Center	\$50,000
Watershed Project	Richmond Bayshore Stewardship Program	\$30,573
Watsonville Wetlands Watch	Project SEE (Slough-based Environmental Education)	\$43,020
YMCA Point Bonita Outdoor & Conference Center	High School Science & Service Learning	\$40,000
Zoological Society of the Central Coast	Aquaticus Program	\$25,000
TOTAL REQUESTED:		\$1,981,202