

Attachment A

Combined Two-Year
2020-2021 CREF Cycle Staff Report

**Combined 2020-2021 CYCLE
COASTAL RESOURCE ENHANCEMENT FUND
(CREF)**

**Board of Supervisors Hearing
May 11, 2021**

**County of Santa Barbara
Planning & Development Department
Energy, Minerals & Compliance Division**

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BACKGROUND

The County established the Coastal Resource Enhancement Fund (CREF) through conditions of approval when granting permits for the Point Arguello, Point Pedernales, Santa Ynez Unit, Gaviota Oil Terminal, and Molino Gas projects. These permits require payment of mitigation fees to CREF for the life of each project. (The Gaviota Oil Terminal and Molino Gas projects, since dismantled, do not contribute to CREF anymore.) The fund represents one of several measures that the County applied to help mitigate significant adverse impacts to coastal recreation, coastal visual aesthetics, coastal tourism, and environmentally sensitive coastal resources to the maximum extent feasible. Since impacts on these projects could not be mitigated entirely through direct measures, the fund offsets these impacts by enhancing coastal resources through various strategies not directly tied to the projects. Allocation of grants or loans from CREF must be directed at mitigating the specific types of impacts for which the permit conditions were crafted to address.

Since 1988, the Board of Supervisors has awarded 322 CREF grants for a total of \$23,149,861. Table 1 shows the distribution of past CREF dollars among the various categories (i.e., coastal acquisitions, capital improvements, education, equipment and planning and research). Prior to 1990, the CREF Guidelines rated capital projects as the highest priority use of CREF. In 1990, the Board amended the criteria to add coastal acquisitions as a higher priority use of CREF and devoted at least one half of each year’s CREF fees to such acquisitions. Between 2007 and 2014, the Board of Supervisors amended the CREF Guidelines in regards to the percentage of CREF fees allocated to acquisitions from 0% to 65%. Since 2015, the percentage has remained at 50%.

Public agencies, municipalities, special districts, and non-profit organizations may compete for CREF awards. Table 2 illustrates the five categories of previous CREF grantees, and Tables 3 and 4 show which cities and County agencies received grants, respectively.

Table 1: CREF Allocations by Type of Project

PROJECT CATEGORIES	DOLLAR AMOUNT	PERCENTAGE
Acquisitions	\$10,392,642	45%
Capital Improvements	\$8,867,435	37%
Planning & Research	\$2,605,047	11%
Educational	\$1,092,735	5%
Equipment	\$192,002	< 1%
Total	\$23,149,861	

Table 2: CREF Allocations by Type of Grantee*

GRANTEE	AMOUNT	PERCENTAGE
Cities	\$1,874,461	8%
County Agencies	\$10,451,150	45%
Non-Profit Agencies	\$9,975,889	43%
State & Federal Agencies	\$7,500	<1%
Educational Institutions	\$840,861	3%
Total	\$23,149,861	

* Some projects have partnerships between a Non-Profit Agency and a Governmental Agency.

Table 3: Total CREF Allocations to Cities

CITY	AMOUNT	PERCENTAGE
Santa Barbara	\$602,931	32%
Carpinteria	\$559,379	30%
Santa Maria	\$55,000	3%
Lompoc	\$142,126	8%
Guadalupe	\$25,000	1%
Goleta	\$490,025	26%
Total	\$1,874,461	

** The City of Guadalupe co-partnered with non-profit agencies on various CREF awards for a total of \$170,000 which is figured into the non-profit category in Table 2.

Table 4: Total CREF Allocations to Santa Barbara County Departments

COUNTY DEPT.	AMOUNT	PERCENTAGE
Community Services/Parks	\$5,823,611	56%
Public Works	\$1,346,389	13%
P&D/Long Range Planning	\$2,741,600	26%
County Administrator	\$281,162	3%
General Services	\$120,000	1%
Fish & Game Commission	\$3,000	<1%
Third District Supervisor	\$45,000	<1%
Ag. Commissioners Office	\$90,388	<1%
Total	\$10,451,150	

FUTURE REVENUES

Impacts and corresponding fee amounts are reassessed at five-year intervals unless circumstances allow a mid-year reassessment. As impacts may not actually occur as predicted by the environmental analysis used for the initial CREF assessments, fee amounts are to be reassessed throughout the duration of the operational lives of oil and gas projects that currently contribute to CREF. In May of 2016, the Board of Supervisors approved a mid-year reassessment of the Point Arguello Unit and the Santa Ynez Unit for the years 2015-2017 because these two facilities ceased production and subsequently removed all oil from their platform and pipeline facilities in response to the Plains All-American Pipeline shutdown. Impacts associated with the risk of an oil spill from these two facilities have therefore been greatly reduced, and potential impacts correspondingly reduce the assessed amount of CREF fees while the facilities are non-operational. (Point Pedernales Unit has not been reassessed since it is not affected by the shutdown of the Plains All-American Pipeline.) In the summer of 2017, the Board of Supervisors approved the seventh five-year (2018-2022) assessment of payments. The next reassessment will be conducted in 2022.

Additional grant revenue becomes available for re-allocation in future years if previously approved CREF awards do not materialize or move forward in a timely manner. In such cases, these awards revert back to the uncommitted CREF balance for reallocation in subsequent cycles.

EVALUATION PROCESS

Staff annually solicits and evaluates proposals for CREF awards, then submits recommendations to the Board of Supervisors for consideration in a duly noticed public hearing. The Board directed staff to solicit proposals every other year while the Point Arguello Project and Santa Ynez Unit are not operating. Once production is resumed, staff will begin soliciting on an annual basis again.

Staff follows two steps to evaluate the proposals: (1) determine the extent to which each proposal meets the eight Board-approved CREF criteria, and (2) determine the competitive advantage of each proposal over other proposals.

The following criteria guide CREF recommendations:

Criterion 1. *Enhancement projects must be located in the coastal area or have a coastal relationship, and must be consistent with the County's Local Coastal Program and Comprehensive Plan or other applicable local coastal/general plans. Enhancement projects should be located within geographical proximity to oil and gas onshore/offshore development activities while still providing for the broadest public benefit.*

Criterion 2. *Projects should compensate for coastal impacts due to oil and gas development, specifically for sensitive environmental resources, aesthetics, tourism, and negative effects on coastal recreation in the County.*

Criterion 3. *Projects should provide a level of broad public benefit.*

Criterion 4. *The intent of the CREF program is to fund coastal acquisition and capital improvement projects; therefore, projects which offer coastal acquisition and capital improvements will receive higher priority than whose projects which do not.*

Criterion 5. *Projects should utilize matching funds and/or in-kind services to the maximum extent possible.*

Criterion 6. *Projects should be self-supporting or should require minimum on-going County operations/maintenance costs once the project is completed and implemented.*

Criterion 7. *Projects to be funded should lack other viable funding mechanisms to complete the project.*

Criterion 8. *The feasibility of implementing and completing the project shall be considered. Projects with a high probability of success should be given preference.*

Along with the above criteria, staff may also consider the following factors in determining its recommendations for CREF funding:

- (a) the time-critical importance of the proposal compared to other competing proposals;
- (b) the relative ranking which the applicant gives a particular proposal, if submitting more than one proposal;
- (c) future investments, beyond on-going operations and maintenance that may be required by the County if the proposal is implemented;
- (d) performance on previous CREF grants;
- (e) timing of the CREF request in relation to the anticipated commencement of the project (i.e., the CREF request may be premature);
- (f) the extent to which a proposal compliments or conflicts with other similar ongoing projects in the community (particularly projects funded with CREF grants); and
- (g) benefits distributed throughout the County.

COMBINED TWO-YEAR 2020-2021 CREF CYCLE

Amount of Funds Available. The combined 2020-2021 cycle represents the 30th CREF cycle. The County collected CREF fees totaling \$898,700 (\$449,350 in both 2020 and 2021). Table 5 shows how the Board allocated CREF fees on October 13, 2020. A total of \$312,276 is allocated toward the Hollister Ranch Access Program from the 2020 and 2021 CREF fees. (This \$312,276 added to the existing \$437,726 in the Hollister Ranch Access fund generate a total of \$750,002.) A total of \$712,800 is allocated toward coastal acquisitions: \$146,606 from both the 2020 and 2021 fees and \$419,588 that was deferred in 2019 and earmarked for future use in coastal acquisitions. Additionally, \$293,212 is set aside for general allocation proposals.

Table 5: 2020/2021 CREF Fee Allocations

	2020 CREF Fees	2021 CREF Fees	Existing Hollister Ranch Access Program Funds	Existing Fund Deferral Program Balance	Total Balance
Hollister Ranch Access Program	\$156,138	\$156,138	\$437,726		\$750,002
Coastal Acquisition Available 20-21 Cycle	\$146,606	\$146,606		\$419,588	\$712,800
General Allocation Available 20-21 Cycle	\$146,606	\$146,606			\$293,212
Total Annual Fees	\$449,350	\$449,350			

Amount of Funds Requested. The County received ten proposals for the combined 2020-2021 cycle. Nine proposals are seeking a total request of \$742,378 in general allocation monies and one proposal is seeking \$712,800 in acquisition monies for a total of \$1,455,178. Tables 6 and 7 show the types of proposals received and applicants, respectively, in the 2020-2021 cycle. Table 8 lists the proposals, applicants, amounts requested, and types of proposals.

Table 6: Types of Proposals in the 2020-2021 CREF Cycle

CATEGORIES	AMOUNT
Capital Improvements	\$450,000
Education	\$71,278
Equipment	\$111,100
Acquisitions	\$712,800
Planning & Research	\$110,000
Total	\$1,455,178

Table 7: Types of Applicants in the 2017 CREF Cycle

CATEGORIES	AMOUNT
Non-Profit Agencies	\$1,105,178
County Agencies	\$170,000
Educational Institutions	\$110,000
City Agencies	\$70,000
Total	\$1,455,178

Table 8: 2020-2021 CREF Proposals

DISTRICT	NO.	PROPOSAL TITLE	APPLICANT	AMOUNT REQUESTING	TYPE OF PROPOSAL
County-Wide	1	NewTracks - Beach-Friendly Wheelchair Electric Trax Devices	NatureTrack	\$26,272	Equipment
	2	Upgrades to Seabird Complex	Santa Barbara Wildlife Care Network	\$84,828	Equipment
	3	Marine Conservation Education Project	Channel Islands Marine & Wildlife Institute	\$33,929	Education
South Coast	4	Watershed Brigade Project	Channelkeeper	\$10,000	Planning & Research
1st District	5	Lookout Park Erosion Mitigation Project	County Community Services Department	\$170,000	Capital Improvement
2nd District	6	Goleta Kelp Restoration Project	Fish Reef Project	\$200,000	Capital Improvement / Planning & Research
	7	Arroyo Burro Open Space Restoration and Trail Improvement Project	City of Santa Barbara	\$70,000	Capital Improvement
3rd District	8	Cabrillo High School Aquarium - Coastal Splash Zone Exhibit	Lompoc Unified School District	\$110,000	Capital Improvement
	9	Orella Ranch Conservation Easement	The Land Trust for Santa Barbara County	\$712,800	Acquisition
5th District	10	Upgrades to The Natural History Museum's Coastal Exhibits	Santa Maria Natural History Museum	\$37,349	Education
Total Requested				\$712,800 for acquisition (\$712,800 available) \$742,378 for gen. allocation (\$293,212 available)* \$1,455,178 total requests	

*\$449,166 more being requested in the general allocation subfund than is available.

PROPOSALS RECOMMENDED FOR FUNDING

In the 2020-2021 cycle, ten proposals were submitted which are seeking a total of \$1,455,178. Nine of the proposals are seeking a total of \$742,378 in general allocation monies and one proposal is seeking \$712,800 in acquisition monies. Table 9 shows staff's recommendations, giving full or partial grants to nine proposals. These nine awards would provide benefits in a timely manner to different communities and the coastal environment throughout the County.

General Allocation Recommendations. As noted above, capital improvement type projects are a higher priority for CREF (Criterion #4). Staff recommends partial funding for the four capital improvement projects in this cycle. Capital improvement type projects are typically costly, and therefore, the requests are typically for a large amount of funding. Full funding of the applicant's requests for these projects would have been difficult as many of them requested 25%-68% of the amount available in the general allocation category. The recommended CREF awards for three capital improvement projects are:

- \$40,000 towards the County's Lookout Park for bluff top erosion control, preserving the popular coastal park (Proposal No. 5). The applicant is requesting \$170,000.
- \$50,000 towards the City of Santa Barbara's Arroyo Burro Open Space Improvement project (Proposal No. 7) that would restore and preserve natural habitats and enhance recreational access on site. The applicant is requesting \$70,000.
- \$50,000 towards a new exhibit at Lompoc School District's Cabrillo High School Aquarium (Proposal No.8), which would educate visitors about the coastal surf zone and the marine organisms that inhabit this zone. The applicant is requesting \$110,000.

Staff is recommending funding for the following five proposals that are not the highest priorities of CREF, but still benefit coastal resources:

- Two equipment-purchase projects:
 - \$26,272 is a full request grant that would go towards NatureTrack's beach-friendly electric wheelchair trax devices (Proposal No. 1). This project would benefit children and adults who are wheelchair dependent to access beaches.
 - \$50,662 is a partial request grant towards Santa Barbara Wildlife Care Network's upgrades to their Seabird Complex (Proposal No. 2). The upgrades would help the applicant purchase needed seabird conditioning pools, duckling enclosures and heaters to help dry oiled birds. The applicant is requesting \$84,828.
- Two educational projects:
 - \$33,929 is a full request grant for the Channel Islands Marine & Wildlife Institute's marine conservation curriculum (Proposal No. 3). This project would provide science-based marine lessons and videos to all Santa Barbara County elementary school children (Grades K-5) and beyond with use of their website.
 - \$37,349 is a full request grant for coastal exhibits at the Natural History Museum in Santa Maria (Proposal No. 10). This grant would upgrade some older marine exhibits and interlink the exhibits in a creative way.
- One planning & research project:
 - \$5,000 is a partial request grant for the Channelkeeper's Watershed Brigade Project (Proposal No. 4), which would help fund a one-year pilot program aimed at cleaning up

creek and ocean waters by removing debris at abandoned homeless encampments. The applicant is requesting \$10,000.

Acquisition Recommendation. One acquisition proposal (Proposal No. 9) is seeking the exact amount that is available in the cycle (\$712,800). The Land Trust for Santa Barbara County (applicant) would use the CREF award to help purchase a conservation easement over 277 acres along the Gaviota Coast. The conservation easement would:

- Limit the size of two allowable structures (one single family residence limited to 3,000 square feet in size, and one agricultural worker residence limited to 1,500 square feet). The placement of these two structures would be limited to a “development envelope” located in the southern portion of the property. The two allowable structures would be located near existing structures closer to Highway 101 but in less prominently visible locations, consolidating the major development onsite and eliminating the allowable structures from being built on a more visible terrace on the mountain side of Highway 101.
- Reduce future accessory agricultural structures from the allowable total square footage of 40,000 to a lesser square footage. The applicant and owner are currently negotiating on this reduce square footage number.

Staff recommends a partial grant of \$175,000 (\$146,606 from the 2020 acquisition subfund and \$28,394 from the 2021 acquisition subfund) towards this conservation easement. Staff believes that this partial award recommendation equates to the benefit the County would receive from the conservation easement. A conservation easement would limit and consolidate development onsite, protecting 55 acres of coastal scrub and riparian habitats and preserving the open space and visual resources along Highway 101 in this area. However, the proposed conservation easement would not allow the public to access the site, nor would it provide for new coastal access. Therefore, staff believes a CREF award of \$175,000 is a proportionate value to the benefits gained by obtaining a conservation easement on this property.

For reference, 14 of the past 61 CREF acquisition awards were in the range of \$200,000 to \$600,000, and those awards afforded the County with many attainable public benefits, such as onsite public recreation and beach access on coastal properties (44 of CREF acquisition awards were less than \$200,000 and three CREF acquisition awards were over \$600,000). Staff recognizes that land values have appreciated over the years but still believes staff’s partial recommendation is proportionately adequate. A \$712,800 award would be the fourth largest coastal acquisition CREF award granted and there would be no beach access nor any public recreation opportunities provided onsite.

Staff recommends that the remaining \$118,212 from the 2021 acquisition subfund be deferred to the Fund Deferral Program, adding to the Fund’s \$419,588 current balance. This would allow \$537,800 to be earmarked for potential future acquisitions. Purchase of the Gaviota Marine Terminal property, a bluff top coastal property or other coastal access and recreation opportunities could be future acquisitions that may be worthy of accruing CREF acquisition money for.

An evaluation of each proposal appears in Appendix 1. The *Staff Recommendation* section of each evaluation contains preliminary conditions that staff believes are necessary to implement prior to the award of each proposal. Staff recommends that the Board of Supervisors acknowledge these conditions as general direction to staff and grantees when preparing final grant agreements, or as basic conditions on grants awarded to County departments. Conditions imposed on awards are necessary to provide sufficient safeguards for the required use of CREF monies.

Table 9: Staff Recommendations for the Year 2020-2021 CREF Cycle

PROPOSAL INFORMATION			STAFF RECOMMENDATIONS			
PROPOSAL NO. / TITLE	APPLICANT	AMOUNT REQUEST	2020 GENERAL ALLOCATION	2020 ACQUISITION	2021 GENERAL ALLOCATION	2021 ACQUISITION
No. 1 - NewTracks - Beach-Friendly Wheelchair Traxs	NatureTrack	\$26,272	\$26,272			
No. 2 - Upgrades to Seabird Complex	Santa Barbara Wildlife Care Network	\$84,828	\$50,662			
No. 3 – K-5 th Grade Marine Conservation Education	CIMWI	\$33,929			\$33,929	
No. 4 – Watershed Brigade Project	Channelkeeper	\$10,000	\$5,000			
No. 5 - Lookout Park Erosion Mitigation Project	County Community Services Department	\$170,000	\$40,000			
No. 6 - Goleta Kelp Restoration Project	Fish Reef Project	\$200,000				
No 7 - Arroyo Burro Open Space Improvement Project	City of Santa Barbara	\$70,000	\$24,672*		\$25,328*	
No 8 - Coastal Splash Zone Exhibit	Lompoc Unified School District	\$110,000			\$50,000	
No. 9 - Orella Ranch Conservation Easement	The Land Trust for Santa Barbara County	\$712,800		\$146,606**		\$28,394**
No. 10 - Upgrades to Museum’s Coastal Exhibits	Santa Maria Natural History Museum	\$37,349			\$37,349	
TOTAL RECOMMENDED			\$146,606	\$146,606	\$146,606	\$146,606
AMOUNT AVAILABLE			\$146,606	\$566,194	\$146,606	\$146,606
AMOUNT REMAINING			\$0	\$419,488	\$0	\$118,212

* A grant total of \$50,000.

** A grant total of \$175,000.

Appendix 1

Evaluations of Year 2020-2021 CREF Proposals

PROJECT # 1
NEWTRACKS - BEACH-FRIENDLY WHEELCHAIR
ELECTRIC TRAX DEVICES

County-Wide
NatureTrack
Requests \$26,272
Total Project Costs: \$45,772

Staff Recommendation: Fund the full request of \$26,272 from the 2020 general allocation funds, contingent on the applicant securing all necessary funds to complete the project.

Summary of Proposal: The applicant requests \$26,272 in CREF funds to help purchase six electrical Freedom Trax (Trax) devices that assist wheelchairs to maneuver along sandy beaches during the applicant's outdoor student (grades K-12) field trips to 11 coastal locations throughout the County. The electrical Trax devices are similar to the track pads used on bulldozers. The wheelchairs mount on top of the Trax devices, whereby the devices allow for better mobility through soft or rough terrain (see photo below). Both K-12 students and volunteer group leaders will be able to use these devices.

In addition, the applicant would allow several organizations and cities in Santa Barbara County to use the Trax devices at no cost for their community activities along the coast, such as beach clean-ups, snowy plover docent program and natural history education classes. The applicant stated it would collaborate with the County of Santa Barbara Veterans Services, United Cerebral Palsy, WORK Inc., Cottage Rehabilitation Hospital, Independent Living Resource Center, Special Olympics, Explore Ecology, City of Santa Barbara (Adaptive Recreation Program), UCSB Disabled Students Program, Pierre Claeysens Veterans Foundation, and Gaviota Coast Conservancy.



Wheelchair Mounted Trax Device

Background: NatureTrack’s statement of purpose is two-fold: to encourage students to embrace the natural world with respect and wonder, inspiring them to be stewards of our natural resources; and to prepare school-aged students with the attitudes, leadership skills and habits for lifelong learning. Teachers choose a location that is closely aligned with their in-classroom curriculum, and specify what they would like NatureTrack docents to emphasize throughout the field trip. Field trip locations include both inland and coastal areas. There is no cost to schools or students; the applicant’s program pays to transport students and teachers from schools to field trip locations. NatureTrack is an all volunteer nonprofit with more than 100 volunteer docents, ranging from college students to senior citizens, including but not limited to former teachers, biologists, engineers, doctors, attorneys, geologists, naturalists, pilots, and ship captains.

Naturetrack received a \$13,400 grant in the 2018 CREF cycle to purchase a vehicle to assist with their field trips and successfully completed that purchase in April of 2020.

Satisfaction of CREF Criteria:

The eight CREF criteria can be found on pages 3-4 of the staff report. The symbol (+) means the proposal satisfies the criterion; the symbol (-) means it doesn’t satisfy; and the symbol (+/-) means it partially satisfies.

- (+) **Criterion # 1, Coastal Nexus.** The applicant requests CREF monies to cover half the cost of six wheelchair Trax devices to assist children and docents on field trips. The applicant takes school age students in grades K-12 to 20 different locations for field trips throughout the County, eleven being coastal sites. The proposal has the necessary coastal nexus as the Trax devices will help students and docents who are wheelchair dependent or have mobility issues be able to join coastal field trips.

- (+) **Criterion #2, Coastal Resource Enhancement.** The proposal enhances coastal recreation and environmentally sensitive resources by taking students who may not be able to join field trips to coastal destinations. The coastal field trips enhances the awareness of environmentally sensitive coastal resources for its participants; the curriculum includes the intertidal zone, watersheds, shore birds and other sea life, tide pools, erosion, sedimentation, sand movement, weather patterns, plant and animal adaptation, habitats, geology, and ecology in general.

- (+) **Criterion #3, Broad Public Benefit.** The applicant's outdoor field trip program has participating schools and field trip locations in all five Santa Barbara County Supervisorial Districts, and field trips are available to all students regardless of income. In 2019, 69% of the participating schools were from the north county and 31% from the south county. The applicant estimates that there are more than 250 children and 600 adults who have mobility issues in Santa Barbara County. The Trax devices would benefit school age children (K-12), teachers, docents, and parents that have mobility issues to enjoy the applicant's field trips to coastal locations.

In addition, the applicant would allow several organizations and cities in Santa Barbara County to use the Trax devices at no cost for their community activities along the coast, such as beach clean-ups, snowy plover docent program and natural history education classes.

- (-) **Criterion #4, Higher Priority - Capital Improvements and Coastal Acquisition.** The proposal is an equipment purchase, which does not satisfy the higher priority uses of CREF.

- (+) **Criteria #5 and 7, Matching Funds and Viable Funding Mechanisms.** The applicant requests \$26,272, which is 57% of the total cost of the proposal (\$45,772). The applicant has secured \$13,000 from the UCSB Coastal Fund and a donor and is seeking another \$6,500 from the John S. Kiewit Memorial Foundation.

- (+) **Criterion #6, Ongoing County Costs.** The project would not require any ongoing County operational or maintenance costs. The applicant would fund any maintenance costs with the program's general operating expenses. Since 2011, the applicant's program has been fully funded every year, often with a modest surplus remaining at the end of each fiscal year.

- (+) **Criterion #8, Feasibility of Successfully Implementing Project.** The proposal of purchasing six Trax devices is a simple equipment purchase. The applicant will purchase two of the six Trax devices with money it has secured already. With a CREF grant, it would allow the applicant to purchase three more Trax devices, for a total of five Trax devices. Staff believes the applicant can successfully fund-raise for the sixth Trax device and purchase all six devices successfully. The applicant has been successfully implementing its program for over ten years.

Other Considerations: NatureTrack states that it has contacted a variety of organizations that it would lend the Trax devices to at no cost, and has received enthusiastic reception from the organizations.

PROJECT # 2
UPGRADES TO SEABIRD COMPLEX

County-Wide
Santa Barbara Wildlife Care Network
Request \$84,828
Total Project Costs: \$84,828

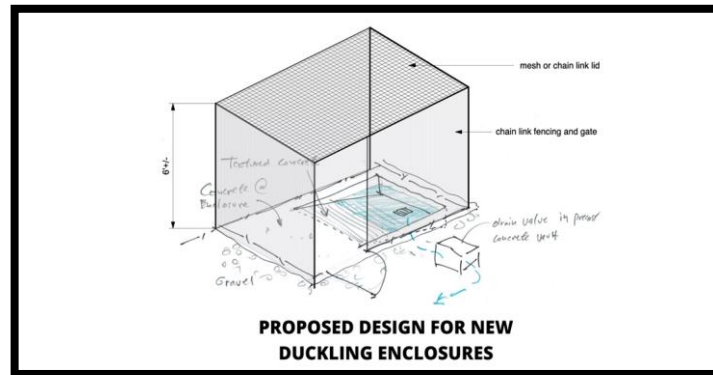
Staff Recommendation: Fund a partial request of \$50,662 from the 2020 general allocation funds, contingent on the applicant securing all the additional funds to complete the project.

Summary of Proposal: The applicant requests funds towards three specific equipment systems that would expand the applicant's ability to fully respond to the needs of birds when injured:

1. **Pelagic Conditioning Pools:** The applicant requests \$27,300 for a 16-foot diameter permanent conditioning pool, four small to medium-sized conditioning pools, and ten net-bottom enclosures. Aquatic birds like loons and pelicans must "waterproof" their feathers before they can permanently be in water. To help these birds build or maintain their waterproofing while in care, the applicant places them in a smaller, pre-release conditioning pool to build up their waterproofing before entering the general population pools.
 - a. The applicant currently has a vinyl 16-foot diameter pool; however, plans to replace it with a more permanent and durable 16-foot diameter custom-built, fiberglass pool. The pool would have a large-volume filter to remove any unwanted contaminants and keep water fresh.
 - b. The applicant has one small conditioning pool that is sufficient for one grebe-sized bird. The applicant plans to add four small to medium-sized conditioning pools to broaden the size of birds able to use the pools.
 - c. In the 2018-2019 CREF cycle, the applicant received a CREF grant to build ten new net-bottom enclosures; however, the applicant has determined it would require ten more of these enclosures due to its higher demand just in the past two years and anticipated demand with the new Wildlife Hospital (see *Background* below). The net-bottom enclosures ensure a soft, ventilated surface that allows for rapid and even drying after washing, ensures gentleness on delicate webbed feet, and helps prevent substrate injuries like bumblefoot.



2. **Six Duckling Enclosures:** The applicant requests \$56,028 to construct six 6'x6' duckling enclosures. These enclosures will hold up to 12 ducklings and feature a sloped entrance into cement pools to mimic the bodies of water that they will encounter in the wild. The structures will also include a drainage and filtration system, custom substrate to protect their feet, a multi-layered wall system to keep out predators, and outdoor heating capabilities so ducklings do not have to be moved inside every night (as is the current practice).



3. **Oiled Bird Drying System:** The applicant requests \$1,500 for ten separate heaters and ten separate dryers to be installed in their soon-to-be Oiled Bird Drying Room in the soon-to-be renovated Wildlife Rehabilitation Hospital. To remove contaminants from oiled birds, they may need to be washed many times. The birds must also be warmed and dried by temperature-controlled, sensitive equipment after washing. These heaters and dryers would be used in day-to-day treatment and also in response to treating birds from an oil spill.

Background: The applicant rescues and rehabilitates injured wildlife, including birds that have become covered in oil due to an oil spill or natural seeps. During the event of an oil spill, like the 2015 Refugio Incident, the applicant's Seabird Care Center is activated by the Oiled Wildlife Care Network (OWCN), who provides much-needed supplies to handle an influx of oil-covered birds. The applicant does not have the OWCN-provided supplies for use outside the event of a spill. Many birds covered in oils need to be transported to San Pedro's International Bird Rescue (IBR) facility. Out of the 1,147 aquatic birds that the applicant received in 2019, 35% were transported to the IBR.

However, the applicant has begun construction on renovating their facility that will transition the facility from a wildlife stabilization facility to become a wildlife primary care facility for wildlife covered in oil. This will allow the applicant to increase its capacity for wildlife care. Along with increased capacity for bird care, the applicant has embarked on a Veterinary Program that includes more the ability to provide complex surgeries, x-rays, and wing repair.

The applicant has received eight CREF grants in the past for a total of \$537,632:

- \$1,580 in the 2000 cycle to purchase an above ground pool, a baby scale to weigh birds, an ultraviolet light, a freezer, and an aviary.
- \$1,037 grant in the 2004 cycle to purchase a net to discourage visiting birds to the existing sea bird facility.
- \$31,800 in the 2005 cycle for a Seabird Care Center.
- \$120,000 in the 2006 cycle for a Seabird Care Center.

- \$150,000 in the 2007 cycle for a Seabird Care Center.
- \$191,000 in the 2010 cycle for a Seabird Care Center.
- \$6,039 in the 2014 cycle to purchase three small specialized pelagic pools with filtration systems, two soft-sided and bottomed portable holding pens, three veterinary dryers, and two adjustable capture nets to care for pelagic birds.
- \$36,176 in the 2019 cycle to help purchase a truck, ten net-bottom ventilated enclosures and other equipment to treat injured birds.

In addition, the applicant relinquished a \$25,000 grant from the 1998 CREF cycle towards a wildlife care center since it could not commence the project within the allotted two years.

Satisfaction of CREF Criteria:

The eight CREF criteria can be found on pages 3-4 of the staff report. The symbol (+) means the proposal satisfies the criterion; the symbol (-) means it doesn't satisfy; and the symbol (+/-) means it partially satisfies.

- (+) **Criterion # 1, Coastal Nexus.** The proposal contains a strong coastal nexus by purchasing equipment that would help the applicant rehabilitate injured seabirds that may have been covered in oil due to a spill or natural seepage.
- (+) **Criterion #2, Coastal Resource Enhancement.** This proposal would enhance environmentally sensitive coastal resources, specifically various seabird species.
- (+) **Criterion #3, Broad Public Benefit.** This proposal will benefit injured and oiled seabirds. In addition, the sight of an injured or oiled bird affects most people; knowing the birds were being cared for would have a broad public benefit.
- (-) **Criterion #4, Higher Priority - Capital Improvements and Coastal Acquisition.** The proposal is to purchase equipment, which does not satisfy the higher priorities of CREF.
- (+/-) **Criteria #5 and 7, Matching Funds and Viable Funding Mechanisms.** The applicant is requesting 100% of the budget from CREF. Aside from this CREF request, it may be important to note that the applicant has secured \$3.9 million of the \$6 million Wildlife Rehabilitation Hospital budget. Seabird care will benefit from expanded services from this hospital (see *Background* above).
- (+) **Criterion #6, Ongoing County Costs.** There would be no ongoing County operations or maintenance involved with this proposal. The applicant has been successfully operating its facility for over 27 years. The applicant states that its operating and maintenance budget would come from its annual fund-raising program.
- (+) **Criterion #8, Feasibility of Successfully Implementing Project.** Staff anticipates that the applicant will complete the project successfully since the proposal is simply to purchase equipment. The applicant has successfully completed seven CREF grants in the past and is currently implementing the eighth CREF grant.

Other Considerations: The applicant is renovating their facility to become a Wildlife Rehabilitation Hospital, including to be an wildlife primary care facility for wildlife that becomes covered in oil (see

Background above). The applicant has raised \$4.5 million of the \$6 million Wildlife Rehabilitation Hospital budget.

PROJECT # 3
K-5TH GRADE MARINE CONSERVATION
EDUCATION PROJECT

County-Wide
Channel Islands Marine & Wildlife Institute
Requests \$33,929
Total Project Costs: \$43,729

Staff Recommendation: Recommend full funding of the applicant’s request, \$33,929 from the 2021 general allocation fund.

Summary of Proposal: The applicant requests funding towards its online marine conservation education program aimed for K-5th graders throughout Santa Barbara County and beyond. The education program consists of online lesson plans and supportive learning activities, engaging videos to introduce the lessons, and hard copies of the applicant’s children book, *Number Thirty-Two*, to all schools in Santa Barbara County. Details of the education program include:

- **Lesson Plans:** The applicant has created 10 lessons plans with the following topics: Marine Mammals, California Sea Lion Life Cycle, Sea Lion Needs, Sea Lion Adaptations, Sea Lion Migration & The Channel Islands, Sea Lion Food Web, Marine Debris, Sharing Habitats, What is a Marine Scientist, and Making a Difference. Each lesson is aligned with California Next Generation Science Standards, Common Core State Standards and California’s Environmental Principles and Concepts. The lessons plans will be translated to Spanish. Beginning in March 2021, the lesson plans are being pilot tested by Notre Dame School, a private school in Santa Barbara, for their K-5th grade students. [No CREF funds are being sought for this portion.]
- **Five-Minute Lesson Introduction Videos:** The applicant plans to write scripts, produce 10 five-minute videos that introduce each of the 10 lesson plans described above, and install an educational portal on the applicant’s website to access the lesson plans and videos. The applicant would create the 10 videos in a fun and engaging way to capture children’s attention. The applicant’s website would be upgraded to include a user-friendly portal that would house all of the lesson plans and activities and a link to YouTube for the 10 introductory videos. [CREF request: \$30,000]
- **Number Thirty-Two Book:** The applicant would purchase 255 copies of its children’s book, *Number Thirty-Two*, and distribute three copies to each of the 85 elementary schools under Santa Barbara County Education Office (SBCEO). The book is about a stranded California sea lion pup that got entangled in a plastic bag. The book explains the work that the applicant’s organization does to restore the health of the sea lion, and eventually, releases the pup back into the ocean. [CREF request: \$3,929]



CIMWI's *Number Thirty-Two* Book

Background: The applicant, Channel Islands Marine & Wildlife Institute (CIMWI), rescues marine mammals that are sick, injured, malnourished, orphaned, entangled or oiled. CIMWI's trained and experienced staff and volunteers administer veterinary medical care to rehabilitate and return the mammals back to their environments, if and when they are well enough. CIMWI's facility is located along the Gaviota Coast at the historic Vista Del Mar Union School. Indoor facilities include a hospital/quarantine room, fish kitchen, surgery/treatment rooms, laboratory/pharmacy, research facilities, administrative offices and educational space. Outdoor facilities include dry and wet animal pens. The 2.8-acre property was donated to CIMWI by the Hollister Family on May 27, 2011. In May of 2015, CIMWI responded and rehabilitated injured marine mammals due to the Refugio oil spill. CIMWI is the only organization authorized to respond to sea lions, seals, sea turtles, whales, and dolphin in Santa Barbara and Ventura counties.

The applicant received and successfully completed a \$16,057 CREF grant in 2017 to increase public awareness of human impacts on marine mammals.

Satisfaction of CREF Criteria:

The eight CREF criteria can be found on pages 3-4 of the staff report. The symbol (+) means the proposal satisfies the criterion; the symbol (-) means it doesn't satisfy; and the symbol (+/-) means it partially satisfies.

- (+) ***Criterion # 1, Coastal Nexus.*** The proposal has a direct coastal nexus as it plans to educate K-5th graders throughout Santa Barbara County and beyond about: 1) sea lions' life cycle, needs, adaptations, migration, and food web, 2) marine debris impacts on sea lions, and 3) how to make a difference with protecting sea lions.
- (+) ***Criterion #2, Coastal Resource Enhancement.*** The proposal would enhance environmentally sensitive coastal resources by increasing the awareness of what to do if one sees a stranded marine mammal. In addition, the education would enhance the awareness of keeping oceans free of debris for the health of marine mammals.
- (+) ***Criterion #3, Broad Public Benefit.*** The applicant would benefit K-5th graders though out the County with their lesson plans and videos. The distribution of their educational book would benefit

K-2nd graders at all 85 elementary schools in the County. In addition, the applicant plans to reach out to various organizations within Santa Barbara County to make them aware of their online educational program; these organizations include: Ty Warner Sea Center, the Santa Barbara Zoo, MOXI, Dunes Center, and Natural History Museum of Santa Maria, Cabrillo High School Aquarium and Santa Maria Valley Discovery Museum. With the proposed educational portal on the applicant's website, the lesson plans, activities and videos have the potential to reach beyond Santa Barbara County.

- (-) **Criterion #4, Higher Priority - Capital Improvements and Coastal Acquisition.** The proposal is considered educational, which is not one of the higher priorities of CREF.
- (-) **Criteria #5 and 7, Matching Funds and Viable Funding Mechanisms.** The applicant seeks approximately 78% of the \$43,729 budget from CREF. The applicant offers approximately 22% (\$9,800) as in-kind services for a portion of script development, video production, website upgrades, research and development of the 10 lesson plans, and translating the lesson plans in Spanish.
- (+) **Criterion #6, Ongoing County Costs.** There would be no ongoing County operations or maintenance involved with this proposal.
- (+) **Criterion #8, Feasibility of Successfully Implementing Project.** The proposal is considered to be completed successfully. These tasks are not new to the applicant as it successfully wrote scripts and produced five 15-second public service announcements and one five-minute video with a 2017 CREF grant. With regards to the proposed videos, the applicant plans to work with the same person it worked for with the 2017 CREF grant. The application includes bid quotes for all the items. The applicant has already completed the lessons and has started up the pilot program with Notre Dame School (see Lesson Plans under *Summary of Proposal* above). In addition, the applicant has submitted support letters from both Santa Barbara County Education Office and Guadalupe Dunes, showing the support and excitement of the applicant's proposal.

Other Considerations: CIMWI is a member of the Oiled Wildlife Care Network.

PROJECT # 4

WATERSHED BRIGADE PROJECT

South Coast
Santa Barbara Channelkeeper
Requests \$10,000
Total Project Costs: \$60,000

Staff Recommendation: Grant a partial award of \$5,000 from the 2020 general allocation fund, contingent on the applicant securing the additional monies.

Summary of Proposal: The applicant is requesting CREF monies to help fund a one-year pilot program for a new component of its existing “Watershed Brigade” project. The pilot-program would be implemented to specifically reduce trash pollution entering south coast watersheds from abandoned homeless encampments and other large dumpsites present throughout the local watersheds. Specific tasks include:

- Host volunteer events aimed at surveying south coast watersheds to identify and map trash dump sites.
- Coordinate with the local municipalities (Carpinteria, Santa Barbara, and Goleta) and Santa Barbara County (Project Clean Water) to secure access to and to clean up at least three mapped abandoned encampments and dumpsites.
- Contract with waste management service companies to clean up large abandoned encampments and dumpsites.

The applicant requests that CREF funding pay for labor costs, hauling and disposal fees.



Debris from abandon homeless encampment

Background: The Watershed Brigade is an active community of local volunteers who work together over time to keep local watersheds and beaches clean. The current Watershed Brigade project conducts outreach to build community stewardship and provides opportunities for Brigade volunteers to get involved in special monitoring, and restoration projects. Brigade volunteers clean up watersheds on their own time, report their clean-up efforts on the applicant’s Facebook, and earn points to compete for rewards (e.g., recognition, gift certificates, raffle entries etc.).

The applicant explains that the new proposed component was conceived due to an increase in dumping and littering that has become a growing problem in our community due, in part, to the expanding local homeless population. Many locations have become egregious trash dumpsites. This problem is exasperated by State COVID-19 mandates, which limited municipal authority to relocate homeless encampments, resulting in increased occurrence of dumping and littering in open spaces.

The applicant received a 2018 CREF grant to develop supplemental educational materials for its “Seafari” educational and live-stream cruises to the Channel Islands.

Satisfaction of CREF Criteria:

The eight CREF criteria can be found on pages 3-4 of the staff report. The symbol (+) means the proposal satisfies the criterion; the symbol (-) means it doesn't satisfy; and the symbol (+/-) means it partially satisfies.

- (+) ***Criterion # 1, Coastal Nexus.*** The proposal would clean up debris in watersheds from abandon homeless encampments. Debris can make its way to the ocean and pollute our local beaches. Cleaning up debris from making its way to the ocean has a coastal nexus.
- (+) ***Criterion #2, Coastal Resource Enhancement.*** The proposal would enhance environmentally sensitive coastal resources by cleaning debris from watersheds from abandon homeless encampments. In turn, this would benefit coastal recreation and coastal tourism at our local beaches.
- (+) ***Criterion #3, Broad Public Benefit.*** The proposal would benefit south coast local beaches, and in turn, benefit local residents and tourists visiting our beaches.
- (-) ***Criterion #4, Higher Priority - Capital Improvements and Coastal Acquisition.*** Staff considers this proposal planning & research, which does not satisfy the higher priorities of CREF.
- (+) ***Criteria #5 and 7, Matching Funds and Viable Funding Mechanisms.*** The applicant seeks approximately 17% of the proposal costs from CREF. It has secured the remaining monies from Southern California Edison (SCE) as a part of financial penalties that SCE incurred for damages caused to local waterways. In addition, the applicant estimates that the Watershed Brigade will result in volunteer support equating to approximately \$12,000 of in-kind support.
- (+/-) ***Criterion #6, Ongoing County Costs.*** There would be no ongoing County costs. The applicant states that it is committed to implementing the Watershed Brigade and associated cleanup activities on an ongoing basis pending successful implementation during the pilot year.
- (+) ***Criterion #8, Feasibility of Successfully Implementing Project.*** The applicant states it has successfully fund-raised and implemented long-term, community based stewardship projects and volunteer cleanup activities since 2001. Long-term efforts include their Stream Team water quality-monitoring program (20 years), MPA Watch (8 years), Watershed and Marine Education Program (16 years), and many more long-term initiatives. Staff believes the applicant can successfully implement the project.

Other Considerations: None.

PROJECT # 5 LOOKOUT PARK EROSION MITIGATION PROJECT

1st District
County of Santa Barbara, Community Services Department
Request \$170,000
Total Project Costs: \$340,000

Staff Recommendation: Fund a partial request of \$40,000 from the 2020 general allocation funds, contingent on the applicant securing the remaining monies to complete the proposal. The applicant states any amount of CREF funding would be appreciated and additional funds would be secured from the annual Deferred/Preventive Maintenance Park funds.

Staff does not recommend the full request amount since the request equates to 58% of the total amount of general allocation funding available in the combined 2020-2021 cycle, and there are other worthy proposals to fund in this cycle.

Summary of Proposal: The applicant requests money towards activities that would help deter erosion along the County’s Lookout Park’s bluff. Specifically, the applicant would:

4. Relocate existing irrigation system 10-20 feet away from the bluff edge;
5. Upgrade the irrigation system to a more water efficient system; and
6. Install jute baffles and additional planting on the bluffs.



Irrigation lines would be moved away from the eroding bluff top at Lookout Park

Background: Lookout Park is in Summerland, an unincorporated community of the County, which offers free beach access parking and contains an off-leash dog beach. Along with beach access, the Park provides picnic and lawn areas, sand volleyball court, concrete ping pong table, restrooms, dog-washing station, bocce ball court. Coastal bluff erosion occurs overtime at the Park, and the applicant stated most notably at the Park’s mid and eastern sections.

The applicant has received four CREF grants in the past associated with Lookout Park:

- \$30,000 grant in the 1994 cycle to construct a wheelchair accessible paved pathway and bathroom.
- \$40,000 grant in the 2007 cycle to remove 1.7 acres of Arundo donax.
- \$10,000 grant in the 2010 cycle to follow-up on the Arundo eradication, pull weeds and plant native plants.
- \$60,000 grant in the 2019 cycle to develop the east end of Lookout Park with benches, picnic areas, a concrete ping pong tables and a bocce ball court.

Satisfaction of CREF Criteria:

The eight CREF criteria can be found on pages 3-4 of the staff report. The symbol (+) means the proposal satisfies the criterion; the symbol (-) means it doesn't satisfy; and the symbol (+/-) means it partially satisfies.

- (+) **Criterion # 1, Coastal Nexus.** The proposal has a coastal relationship in that it would enhance a coastal bluff top park by implementing activities that would help deter erosion on the coastal bluffs.
- (+) **Criterion #2, Coastal Resource Enhancement.** The proposal enhances coastal recreation and coastal tourism by implementing activities that would help protect the coastal Park from eroding bluffs.
- (+) **Criterion #3, Broad Public Benefit.** The applicant states that Lookout Park serves over 330,000 visitors a year. The proposal would help protect the popular coastal Park from eroding bluffs, which would benefit the visitors at the park.
- (+) **Criterion #4, Higher Priority - Capital Improvements and Coastal Acquisition.** The proposal is considered a capital improvement, which satisfies the higher priority of CREF.
- (+/-) **Criteria #5 and 7, Matching Funds and Viable Funding Mechanisms.** The applicant is seeking 50% of the project's funding from CREF. The applicant states that it has secured \$170,000 from the annual Deferred/Preventive Maintenance Park funds. The applicant also states that it would provide approximately \$20,000 as in-kind services for project management.
- (+) **Criterion #6, Ongoing County Costs.** Ongoing County costs already occur at Lookout Park. The new improvements would help to reduce the ongoing costs at the Park as a result of the water savings from the proposed water efficient irrigation system.
- (+) **Criterion #8, Feasibility of Successfully Implementing Project.** Staff believes that the applicant can successfully implement the project once it secures all the monies. The applicant has received many CREF grants in the past to improve various coastal parks, all of which have been completed successfully.

Other Considerations: The proposed project is addressed as part of the overall deferred fees in the County Board of Supervisors-approved 2020-2025 Capital Improvement Plan.

PROJECT # 6 GOLETA KELP RESTORATION PROJECT

*2nd District
Fish Reef Project
Requests \$200,000
Pilot Phase 2 Costs: \$300,000
Total Project Costs: \$10 million*

Staff Recommendation: Deny request at this time. Staff believes this is an exciting proposal and should seek CREF funds in the future for fabrication of sea caves once permitted. Staff is uncertain of the permitting schedule since applications have not been submitted to the Coastal Commission or the US Army Corps of Engineers and the extent of environmental review is unknown at this time. A CREF grant may be premature at this time.

If the Board does grant the applicant a CREF award, staff recommends a CREF grant should be contingent on: 1) the grant specifically applying towards fabrication of the sea caves; 2) the applicant securing all other funding to complete Part 2 of the project; and 3) receipt of permits from all required agencies.

Summary of Proposal: The applicant is requesting CREF monies for the Pilot Phase of a larger Sea Kelp Restoration Project. The larger Sea Kelp Restoration Project would be a 220-acre man-made reef off of Goleta Beach using 18,000 of the applicant's product, the Sea Cave. The Sea Cave is a man-made concrete cave made of a special concrete blend with a 4' x 6' flat surface (can hold 1-3 large kelp hold fasts), hollow interior with small openings (allows for protection of smaller fish and lobster, area to lay eggs, and sand and water flow) (see photo below).



Illustration of the Sea Caves on the ocean floor

The Pilot Phases are to monitor and collect data to ensure the permitting agencies that the project would not have an impact on the environment, would restore historic kelp beds and mitigate climate change impacts. The applicant states that the larger Sea Kelp Restoration Project would be implemented approximately a year after the Pilot Phase project. The applicant states that kelp grows very fast and they will also have data from other Sea Caves projects (see *Other Considerations* below).

Part 1 of the Pilot Phase includes fabricating, permitting, installing, and monitoring six Sea Caves off East Beach. The applicant is not requesting CREF funds for this Part 1.

The applicant is requesting \$200,000 of CREF funds for Part 2 of the Pilot Phase, which includes:

- Pay final engineering costs for the Sea Cave design (\$11,000)
- Prepare the environmental assessment to install 240 Sea Caves in a two-acre area in 40' deep water off Goleta Beach and receive permitting approval from California Coastal Commission, California Regional Water Quality Board, State Lands Commission and U.S. Army Corps of Engineers (\$50,000).
- Fabricate 240 Sea Caves (includes making special tools, 20 molds, and rental equipment - \$159,000).
- Install the Sea Caves on the ocean floor off Goleta Beach (includes transportation costs - \$30,000).
- Administer the project, conduct public outreach, commission a CO₂ sequester study, and monitor and study the Sea Caves for sand flow and kelp growth via monthly dives for five years (\$50,000).

Background: The applicant states that a historic 1,000-foot wide kelp bed was located from Goleta to Rincon. The applicant states that the kelp attached to medium-sized rocks on the ocean floor that had traveled down from the hills from large rain events. The applicant states that due to the 1983 El Nino event, over 90% of the sea floor was scoured of these rocks and the kelp no longer has a hard substrate to attached itself to. The applicant states that very little rock material make it to the seafloor in this area due to mankind's interference from roads, houses, dams, drought, etc. The applicant's ultimate larger project (of which the Pilot Phase is a first step) is to create a 220-acre kelp forest off Goleta Beach.

Satisfaction of CREF Criteria:

The eight CREF criteria can be found on pages 3-4 of the staff report. The symbol (+) means the proposal satisfies the criterion; the symbol (-) means it doesn't satisfy; and the symbol (+/-) means it partially satisfies.

- (+) ***Criterion # 1, Coastal Nexus.*** The proposal's ultimate objective is a first step towards restoring 220 acres of kelp off Goleta Beach. The applicant believes that the absence of the kelp forest contributes to loss of beach and enhances effects of sea level rise. The applicant states that the kelp bed would help with climate change by sequestering carbon, buffering from ocean acidity, protecting the beach from longshore currents and helping to retaining sand. The proposed pilot study would evaluate whether the kelp would hold fast to the Sea Caves and provide the needed benefits of retaining sand off Goleta Beach. In addition, the Sea Caves could provide habitat to smaller fish and lobsters. The proposal holds the necessary coastal nexus.
- (+/-) ***Criterion #2, Coastal Resource Enhancement.*** The proposal is a pilot project to see if the Sea Caves can create a kelp forest and provide needed benefits to ease the effects of climate change (see *Criterion #1* above). The proposed project is to study if the proposal enhances kelp forests, an environmentally sensitive coastal resource, and help combat climate change. However, until the study is completed, it is uncertain if the proposal will enhance kelp forests regeneration or help combat climate change. At a minimum, however, the project would enhance habitats for small fish and lobsters, which are environmentally sensitive coastal resources.
- (+/-) ***Criterion #3, Broad Public Benefit.*** If the proposed project were successful in enhancing the kelp forest, retaining sand and providing habitat for small fish and lobsters, it could have a broad public

benefit to visitors of Goleta Beach. However, until the study is completed it is uncertain whether the project will be beneficial to the public.

- (+/-) **Criterion #4, Higher Priority - Capital Improvements and Coastal Acquisition.** Half of the proposal would be considered a capital improvement, which is a higher priority of CREF. The other half of the project is considered planning & research.
- (-) **Criteria #5 and 7, Matching Funds and Viable Funding Mechanisms.** The applicant seeks two-thirds of the proposal costs from CREF (\$200,000). For the remaining third (\$100,000), the applicant has secured \$15,000 from Decker and Southern California Gas. It seeks money from the public and the U.S. Department of Agriculture.
- (+/-) **Criterion #6, Ongoing County Costs.** The proposed budget includes requesting \$30,000 for monitoring the proposed project for five years. The applicant has not secured any money towards the larger project as its efforts are focused on the pilot project at this time.
- (+/-) **Criterion #8, Feasibility of Successfully Implementing Project.** The applicant has used reef balls in past projects to create habitats and protection for smaller ocean fish. The applicant's Sea Caves are a new invention designed with a flat surface area for kelp's large holdfasts to attach. Staff believes the pilot project can be implemented once it is permitted. However, it remains uncertain if the project will be permitted. And if permitted, it remains uncertain if the project will be successful with its desired benefits (see *Criteria #1 and #2* above).

Other Considerations: The applicant states that its consulting firm, Coastal Environments, has recently permitted and installed a 300-acre reef off of San Onofre and a 60-acre reef off of Palos Verdes. Quarry rocks were used in these reefs, not Sea Caves.

The applicant reports that it received \$15,000 from Decker and SCG for its first two full sized Sea Cave molds to be built. Starting in March 2021, the applicant will be fabricating 12 Sea Caves. Six of the caves will be deployed in the deep sea outside U.S. waters as part of an international research project, three will be deployed off Northern Baja to allow checks on kelp growth and three will be sent to South Carolina for a reefing program to evaluate the caves ability to reduce sand flow.

PROJECT # 7
ARROYO BURRO OPEN SPACE RESTORATION
AND TRAIL IMPROVEMENT PROJECT

2nd District
City of Santa Barbara
Requests \$70,000
Total Project Costs: \$1,436,600

Staff Recommendation: Fund a partial request of \$50,000 (\$24,672 from the 2020 general allocation fund and \$25,328 from the 2021 general allocation fund), contingent upon the applicant securing all additional monies for the project.

Summary of Proposal: The applicant requests a grant to help fund phase two of a restoration project on the Arroyo Burro Open Space Park, across from Elings Park in Santa Barbara. Phase two includes:

- Restoring an ephemeral tributary drainage (Campanil drainage) by grading and recontouring the existing topography to its historic alluvial fan and planting with native plant species;
- Creating formal trail routes to provide better access and reduce disturbance to natural areas, thereby protecting habitat for wildlife;
- Constructing an 85-foot long pedestrian bridge across Arroyo Burro Creek, connecting Arroyo Burro Open Space to the 3-mile long multi-use pathway along Las Positas Road (currently under construction). The bridge would include a viewing platform to observe the creek and interpretative signs to inform users about watersheds and creek restoration.
- Relocating an existing municipal waterline to the underside of the bridge and removing the waterline's concrete foundation from Arroyo Burro's creek banks.
- Planting over 2,600 native plants and 350 native trees onsite.



Photo of Arroyo Burro Open Space and Creek Restoration

Background: The Trust for Public Land (TPL) received a \$300,000 CREF award in the 2015 cycle to help purchase the Arroyo Burro Open Space property. Once acquired in March of 2016, TPL transferred the property to the City of Santa Barbara (applicant). The 21-acre property includes Arroyo Burro Creek as well as Campanil drainage, a tributary drainage to Arroyo Burro Creek. In the fall of 2018, the applicant completed a 4.5 acre restoration project along 1,400 linear feet of Arroyo Burro Creek. The project goals were to restore native riparian and flood plain habitat to improve water quality and wildlife habitat conditions on site.

The City of Santa Barbara has received the following 11 CREF grants in the past for a total of \$602,931:

- \$170,000 in the 1988 cycle for upgrading the water quality at the Andree Clark Bird Refuge;
- \$150,000 in the 1990 cycle for improving a boat ramp at the harbor;
- \$15,000 in the 1992 cycle to dredge the waterfront harbor;
- \$29,720 in the 1997 cycle towards planning a Class I bikeway near the harbor (however, wetland issues impeded the project);
- \$50,281 in the 2000 cycle to develop a linear half-mile park along Shoreline Drive;
- \$25,000 in the 2001 cycle to dredge West Beach and restore the small boat area. (The \$25,000 grant reverted back to CREF as the applicant was unable to commence project.);
- \$30,000 in the 2002 cycle to enhance the beach access at Shoreline Park;
- \$12,930 in the 2005 cycle to renovate the Arroyo Burro estuary;
- \$75,000 in the 2006 cycle to renovate the Arroyo Burro estuary;
- \$40,000 in the 2010 cycle to upgrade Shoreline Park; and
- \$30,000 in the 2014 cycle to conduct a technical hydrologic study of the natural physical processes that contribute to the closure and breaching of the Goleta Slough Lagoon mouth.

Satisfaction of CREF Criteria:

The eight CREF criteria can be found on pages 3-4 of the staff report. The symbol (+) means the proposal satisfies the criterion; the symbol (-) means it doesn't satisfy; and the symbol (+/-) means it partially satisfies.

- (+) ***Criterion # 1, Coastal Nexus.*** The property has a coastal nexus because it includes coastal dependent flora and fauna habitat and is contiguous to Elings Park, Douglas Family Preserve, and the Arroyo Burro estuary, all of which have all been funded by CREF in the past. Coastal-dependent flora that are found onsite include coastal sage and prickly coyote thistle. Coastal-dependent fauna observed onsite, or could be supported by habitat onsite in the future, include the tidewater goby, steelhead trout and monarch butterfly.
- (+) ***Criterion #2, Coastal Resource Enhancement.*** All aspects of the proposed project could enhance environmentally sensitive coastal resources by installing formal trails and a bridge to protect Arroyo Burro Creek and native habitat onsite. The project's proposed bridge would enhance coastal recreation by connecting bicyclers and pedestrians from Las Positas Road to the Douglas Family Preserve and Arroyo Burro County Beach Park for ocean views and beach access.
- (+) ***Criterion #3, Broad Public Benefit.*** The project's proposed trails, bridge, interpretative signs, and native plantings would benefit visitors to the site by providing more amenities to the park. Pedestrians and bicyclists on Las Positas Road would benefit with a safer access to and from Elings Park, the Douglas Family Preserve and Arroyo Burro Beach.

- (+) **Criterion #4, Higher Priority - Capital Improvements and Coastal Acquisition.** The proposal is a capital improvement, which satisfies the higher priority of CREF.
- (+) **Criteria #5 and 7, Matching Funds and Viable Funding Mechanisms.** The applicant seeks 5% of the total purchasing costs from CREF. The City has secured all the remaining funds from its Creeks Division Capital Program, its operating budget, and in-kind services for managing the project.
- (+) **Criterion #6, Ongoing County Costs.** The applicant states that it has an annual operating budget for maintaining and monitoring all its park projects. There would be no ongoing County costs.
- (+) **Criterion #8, Feasibility of Successfully Implementing Project.** The applicant has secured 95% of the project's costs. The project has undergone environmental review and has secured the following permits: Lake and Streambed Alteration Agreement from the Department of Fish and Wildlife, 401 Certification from the Regional Water Quality Control Board, 404 Nationwide Permit from the Army Corp of Engineers. A City Building Permit is pending. The applicant states that the project is "shovel ready" and, with CREF funding, can be completed in the fall of 2021. The applicant has implemented similar projects in the past, including a number of projects funded by CREF. The project is considered to have a high probability of success.

Other Considerations: The applicant states there is a time-criticalness to the project. The project timeline currently has the proposed bridge construction taking place just prior to the completion of the multi-use bike path along Las Positas. The applicant states that if the bridge construction was delayed, it would create additional project costs as construction would have to close the pathway, remove concrete curbing and pathway, to construct the bridge and connection to the multi-use path.

The project has community support from a variety of stakeholder groups and neighboring property owners. Several community meetings were held to solicit feedback on the proposed project plans from the public and community stakeholder groups. These comments were considered and incorporated into the project designs.

PROJECT # 8 COASTAL SPLASH EXHIBIT

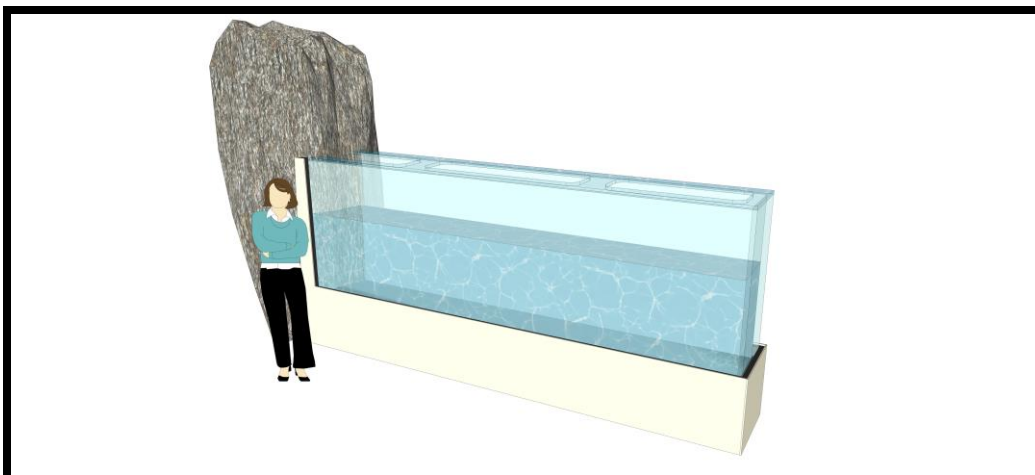
3rd District
Cabrillo High School Aquarium/Lompoc Unified School District
Requests \$110,000
Total Project Costs: \$151,420

Staff Recommendation: Fund a partial request of \$50,000 from the 2021 general allocation fund, contingent on the applicant securing the necessary funds to complete the project.

Staff does not recommend the full request amount since the request equates to over a third of the total amount of general allocation funding available in the combined 2020-2021 cycle. There are other worthy proposals to fund in this cycle.

Summary of Proposal: The applicant proposes to design and install a Coastal Splash Exhibit at the Cabrillo High School Aquarium. The Exhibit would be located in the center of the aquarium and replace two 20-year old exhibits (the Kelp Habitat Exhibit and Indigenous Habitat Exhibit). The exhibit would provide an understanding of the coastal surf zone where irrepressible marine organisms live among waves relentlessly crashing against the shore.

The exhibit would include a 14-foot long water tank with a nine-foot tall rockwork feature that simulates the local rocky coastline (see figure below). The new exhibit would be situated low to the ground (18 inches) to ensure guests of all ages and abilities are able to view the simulated wave action within the tank. To initiate the wave surge, a tall chamber within the rockwork tower will fill with water. Once the water has filled the chamber tower, a valve will open, allowing 40 gallons of water to surge into the tank at once. The wave will travel the length of the tank, before crashing at the opposite end on a simulated rocky shore. This exhibit will complement the Aquarium's recently installed Interactive Tidepool Exhibit (partially funded by CREF), where guests interact with the sea life that live just above the surf zone.



Preliminary design of the Coastal Splash Exhibit

Background: Since 1986, the Cabrillo High School aquarium has been educating high school students and visitors of all ages about the marine environment. In 2002, the applicant completed construction of a new building to house the aquarium at Cabrillo High School. The school aquarium currently has 25 existing exhibits. Students (K-12th grade) from several districts, college students and the general public all visit the aquarium. The school aquarium allows for a hands-on experience of the various marine life habitats, from the shallow water rocky tidal habitat to the deep waters. Since the 2020 coronavirus closures, the applicant has been conducting online virtual tours.

The Board of Supervisors has awarded the applicant seven CREF awards in the past for a total of \$559,144:

- \$100,000 in the 1994 cycle (\$29,000 went towards exhibits), \$77,943 in the 1998 cycle, and \$123,335 in the 2000 cycle to construct the high school aquarium;
- \$11,724 grant in the 1995 cycle to implement an outreach program for the aquarium;
- \$71,142 grant in the 2001 cycle to purchase and install various technology and media equipment;
- \$75,000 grant in the 2014 cycle to expand the aquarium space by 1,776 square feet to accommodate a shark exhibit and a cold water marine organism exhibit; and
- \$100,000 grant in the 2018 cycle to fabricate and install the Interactive Tidepool Exhibit.

Satisfaction of CREF Criteria:

The eight CREF criteria can be found on pages 3-4 of the staff report. The symbol (+) means the proposal satisfies the criterion; the symbol (-) means it doesn't satisfy; and the symbol (+/-) means it partially satisfies.

- (+) ***Criterion # 1, Coastal Nexus.*** The proposal has a strong coastal nexus; students and visitors to the Cabrillo High School Aquarium are educated about the marine environment through hands-on and visual stimulating aquarium tanks. The proposed exhibit focuses education on the coastal surf zone and the marine organisms that live among waves relentlessly crashing against the shore.
- (+) ***Criterion #2, Coastal Resource Enhancement.*** The project enhances coastal recreation by teaching students and the general public about the marine environment, and in so doing, heightens the sensitivity and enjoyment of the marine habitat. Secondly, the project enhances tourism in the Lompoc region and contributes indirectly towards enhancing coastal environmentally sensitive habitats via education.
- (+) ***Criterion #3, Broad Public Benefit.*** Thousands of students from Lompoc, Santa Maria, Santa Ynez and visitors from all over visit the Cabrillo High School aquarium. The school aquarium opens its doors to visitors free of charge and states that it holds over 7,000 visitors annually. Since the 2020 coronavirus shut down of in-person tours and visits to the aquarium, the students have been conducting virtual tours and reaching beyond Santa Barbara County, as far away as Oklahoma.
- (+) ***Criterion #4, Higher Priority - Capital Improvements and Coastal Acquisition.*** This project is considered a capital improvement, which satisfies the higher priority use of CREF (capital improvements and acquisitions).
- (-) ***Criteria #5 and 7, Matching Funds and Viable Funding Mechanisms.*** The applicant seeks 73% of the project's costs from CREF. It has secured \$35,000 from various individuals and organizations

and offers approximately \$10,000 as in-kind services for project management, installation and electrical work.

- (+) **Criterion #6, Ongoing County Costs.** The project would not require any additional ongoing County operational or maintenance costs. The applicant has successfully operated the aquarium for 20 years.
- (+) **Criterion #8, Feasibility of Successfully Implementing Project.** Staff believes the project will be completed successfully once funded. The applicant would use the same exhibit design experts that it used for the successfully installed Interactive Tidepool Exhibit, which was partially funded by CREF. These design experts were former aquarists at the Monterey Bay Aquarium. In addition the applicant has successfully completed seven CREF projects in the past.

Other Considerations: The applicant states that the Aquarium has over seventy-five partnerships with the business community, industrial community, students, staff, and local experts. The application contains 15 support letters from various individuals and organizations, including Congressman Salud Carbajal, Dr. Susan Salcido with Santa Barbara County Superintendent of Schools, Jack O'Connell retired superintendent of California Superintendent of Public Instruction, staff at Lompoc Unified School District, and Amber Wilson, and President/CEO of Lompoc Valley Chamber of Commerce.

The Cabrillo High School aquarium has gained state and national recognition: the United State's President's Environmental Youth Award, the California School Boards Association Golden Bell Award, Best of Show and the People's Choice Awards at California State University of San Luis Obispo Science Fair, and the National Oceanic and Atmospheric Administration Environmental Hero Award.

PROJECT # 9
ORELLA RANCH CONSERVATION EASEMENT

3rd District
The Land Trust for Santa Barbara County
Requests \$712,800
Total Project Costs: \$1.75 million

Staff Recommendation: Fund a partial request of \$175,000 (\$146,606 from the 2020 acquisition subfund and \$28,394 from the 2021 acquisition subfund). A CREF grant is contingent upon the following:

- The applicant shall submit an appraisal for the conservation easement within 6 months of executing a conservation easement with the County of Santa Barbara over the property.
- The applicant shall enter into a signed contract with the landowner, agreeing on a purchase price that shall not exceed the fair market value.
- The applicant shall secure all necessary funds to complete the purchase.
- The County shall approve the limitations (e.g., size, location and total square footage) placed on structures negotiated by the applicant.
- The applicant shall record a conservation easement in perpetuity which stipulates the following:
 - Protection of onsite oak trees, 40 acres of native coastal scrub, 15 acres associated with Venadito Creek and its riparian habitat, and more than 200 acres of open space and grazing land;
 - Limitation on the placement of development on the property as outlined below (*Summary of Proposal*).
- The property itself cannot be used as collateral for any loans, including loans required to purchase the easement.
- Any transfer of the Conservation Easement must be approved by County prior to its transfer.

A conservation easement would limit and consolidate development onsite, protecting 55 acres of coastal scrub and riparian habitats and preserving the open space and visual resources along Highway 101 in this area. Staff believes these are worthy attributes and a CREF award of \$175,000 is a proportionate value to the benefits gained by a conservation easement on this property.

For reference, 61 CREF acquisition awards have been granted in the past.

- 44 awards were less than \$200,000 and
- 14 awards were in the range of \$200,000 to \$600,000
- 3 awards were over \$600,000.

Many of those awards afforded the County with various attainable public benefits, such as onsite public recreation and beach access on coastal properties. Staff recognizes that land values have appreciated. A \$712,800 award would be the fourth largest coastal acquisition

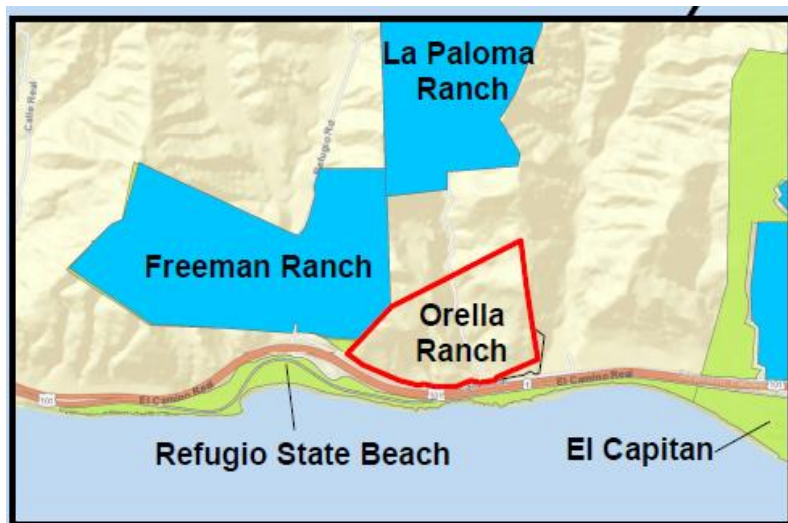
CREF award granted but this award would not provide the same public access or recreational opportunities as other acquisitions.

Summary of Proposal: The applicant requests a CREF grant to help purchase a conservation easement over 277 acres along the Gaviota Coast, known as the Orella Ranch property. Of the 217 acres, 40 acres are native coastal scrub and 15 acres include Venadito Creek and its associated riparian habitat. The property is a cattle ranch that is surrounded by open space agricultural land. Highway 101 and Calle Real abut the southern boundary of the Orella Ranch property.

The property currently has one residence and several agricultural structures clustered in the southern portion of the property. These structures include horse stables, a dog kennel, a workshop, a barn, and several smaller storage sheds. The current development build-out potential allowed for the site includes one more accessory residential structure to accompany the existing main residence, an agriculture worker housing structure, and barns and associated agricultural structures not to exceed a total of 40,000 square feet.

The applicant proposes that the conservation easement would:

- Limit the location of any future residential and agriculture worker housing structure to a designated building envelope located in the location near the highway where the exiting homesite is located;
- Limit the size of any future residential structures to a maximum of 3,000 square feet;
- Limit the size of a future agriculture worker housing structure to maximum of 1,500 square feet;
- Limit the total square footage of future small agricultural structures that would be located outside the designated building envelope to a certain size that would be significantly below the currently allowed build out (specifics still being negotiated with the owner);
- Protect onsite oak trees, 40 acres of native coastal scrub, 15 acres associated with Venadito Creek and its riparian habitat, and more than 200 acres of open space and grazing land; and
- Prevent any future subdivision of the property.



Location of Orella Ranch located on Gaviota Coast

Background: The Land Trust for Santa Barbara County’s (applicant) objectives include protecting, restoring and managing open space, wildlife habitat and agricultural land in Santa Barbara County by, 1) acquiring land and conservation easements from willing landowner sellers, 2) creating conservation

plans and providing conservation incentives for landowners, 3) promoting the preservation, stewardship and restoration of wildlife habitat and watershed resources on the land we protect, and 4) educating both children and adults about ecology, agriculture and conservation through programs and events at Land Trust preserves.

To date, the Land Trust has helped to preserve 27,000 acres of natural resource and agricultural land. The applicant has received 28 CREF grants in the past, totaling over \$1.7 million that helped with restoration or acquisition of various areas throughout Santa Barbara County, including: Carpinteria Salt Marsh, Carpinteria Bluffs, Coronado Butterfly Preserve, Arroyo Hondo Preserve, and Point Sal. In addition, the Land Trust purchased two conservation easements along the Gaviota Coast, the 660-acre Freeman Ranch (\$115,000 with two CREF awards) and the 750-acre La Paloma Ranch (\$518,000 with three CREF awards) (see figure above).

Satisfaction of CREF Criteria:

The eight CREF criteria can be found on pages 3-4 of the staff report. The symbol (+) means the proposal satisfies the criterion; the symbol (-) means it doesn't satisfy; and the symbol (+/-) means it partially satisfies.

- (+) ***Criterion # 1, Coastal Nexus.*** The conservation easement would be located within the coastal view corridor and would be consistent with the Local Coastal Program by protecting scenic public views. Venadito Creek onsite has the potential habitat for Southern Steelhead, a federally listed endangered species dependent on the ocean and creeks. The proposal has the necessary coastal nexus.
- (+) ***Criterion #2, Coastal Resource Enhancement.*** This proposal preserves agriculture and open space along the coast, thereby enhancing coastal aesthetics, recreation, tourism, and environmentally sensitive resources. Highway 101 is a scenic highway in this area and Refugio and El Capitan state beaches are nearby. The limited development would benefit the aesthetics along Highway 101. In turn, this would benefit coastal tourism and recreation at the state beaches. The applicant would ensure through annual monitoring of the conservation easement that the coastal scrub and riparian habitats would be preserved.
- (+) ***Criterion #3, Broad Public Benefit.*** The proposed property has the potential to benefit present and future generations visiting the Gaviota Coast. The Gaviota Coast has striking scenic beauty and can be viewed and accessed along Highway 101, Refugio and El Capitan state beaches and Arroyo Hondo Preserve. The Orella Ranch is highly visible from Highway 101 and the state beaches. Limiting the scale of development on the property will add to the scenic beauty of the area.
- (+) ***Criterion #4, Higher Priority - Capital Improvements and Coastal Acquisition.*** The proposal would help purchase a conservation easement, which is considered a coastal acquisition. The proposal satisfies this criterion.
- (+) ***Criteria #5 and 7, Matching Funds and Viable Funding Mechanisms.*** The CREF request is for 42% of the total budget. The applicant is seeking approximately \$1 million from the State Natural Resources Agency's Environmental Enhancement and Mitigation Program (\$500,000) and private donations. The applicant offers approximately \$50,000 as in-kind services for staff costs and escrow fees.

- (+) **Criterion #6, Ongoing County Costs.** There would be no ongoing County operations or maintenance involved with this proposal. The Landowner would provide funding to the applicant's Stewardship Fund, which will endow monitoring the conservation easement in perpetuity to ensure compliance with its requirements.

- (+) **Criterion #8, Feasibility of Successfully Implementing Project.** Once funded, staff considers the purchase of the conservation easement to have a high probability of being completed. The applicant has successfully fund-raised and purchased conservation easements on many properties in the past, including two along the Gaviota coast with CREF funding. The property has a willing owner for a conservation easement over the property.

Other Considerations: Exhibit I of the applicant's proposal contains a preliminary analysis/appraisal letter dated October 25, 2019 that estimates the current market value of a conservation easement over Orella Ranch. That analysis determined that \$1,750,000 was a midpoint market value for an Orella Ranch conservation easement.

The current development build-out potential allowed for the site includes one more accessory residential structure, an agriculture worker housing structure, and barns and associated agricultural structures not to exceed a total of 40,000 square feet. The applicant explains that a future residence could be extremely large and located on an upper terrace, more visible to users of Highway 101. Homes built nearby in the past eight years include a 10,300 square foot home and a 12,000 square foot home. However, the preliminary appraisal letter states: "...the opinions about the various restrictions varied somewhat. The view loss was mostly ranked very significant, but one broker discounted it due to the challenges of permitting the upper homesite..."

The conservation easement would restrict subdividing the property; however, the preliminary appraisal letter states that there would be little possibility of subdividing the property due the sensitivity of the local community regarding land use changes along the Gaviota Coast. However, the letter states that it still remains a possibility without the conservation easement.

In February 2019, the property owners developed a Carbon Farm Plan which identifies primary goals of restoring the land to optimum health through improved soil health, carbon sequestration and water retention. The Orella Ranch further seeks to be an example of successful regenerative agriculture in practice and completed a Santa Barbara County Regional Best Management Practices for Regenerative Agriculture Guidance Document in November 2019. The owners of the property have been implementing the Carbon Farm Plan by updating interior fences with water in each paddock, allowing them to be more efficient with their Prescribed Grazing Program. They have also improved some of their older roads onsite to reduce erosion and runoff. The owner explains that the next step in the Carbon Farm Plan is to plant pollinator hedgerows and agroforestry, as well as to commence restoration of riparian area restoration. The applicant states that placing a conservation easement on the Orella Ranch property will provide its owners additional financial resources which they can use to implement a number of these recommendations contained in the Carbon Farm Plan, which could contribute to reducing climate change rates.

PROJECT # 10
UPGRADES TO NATURAL HISTORY MUSEUM'S
COASTAL EXHIBITS

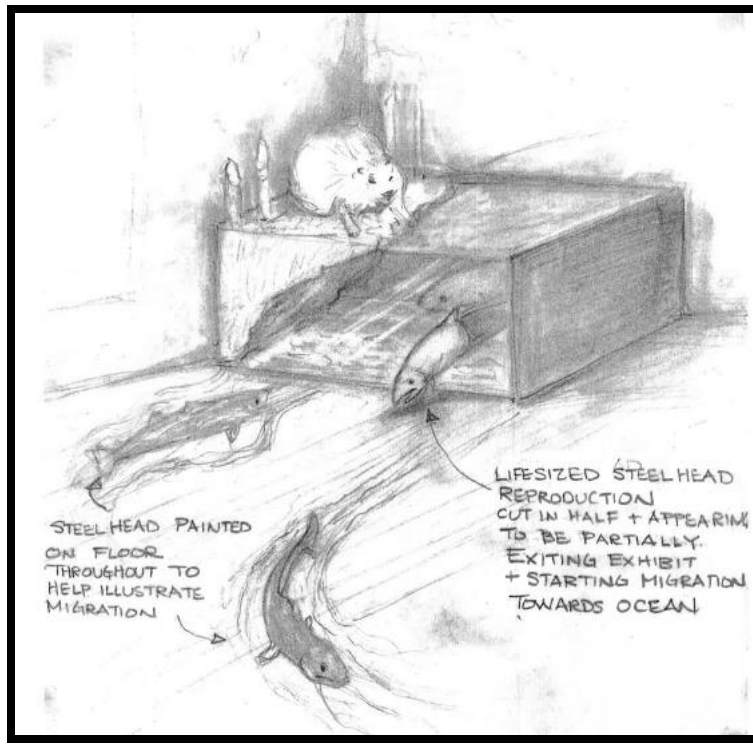
5th District
The Natural History Museum
Requests \$37,379
Total Project Costs: \$98,729

Staff Recommendation: Fund a full request of \$37,379 from the 2021 general allocation fund, contingent on the applicant securing the necessary funds to complete the project.

Summary of Proposal: The applicant request funds to upgrade its coastal exhibits at the Natural History Museum in Santa Maria. There are three outside exhibits and one indoor exhibit of the proposal that focus on marine animals, steelhead trout and the Channel Islands flora. The proposal includes interweaving the indoor and outdoor exhibits together. A summary of each upgraded exhibit follows:

1. Outside Coastal Exhibits (CREF request: \$19,635)
 - a. *Life-Size Sea Creatures* – Currently, the Museum has outdoor life-size cut-outs of a killer whale, two types of dolphins and a great white shark. The exhibit is deteriorating after 15 years of being outside. The applicant plans to:
 - i. Replace the existing cut-outs.
 - ii. Add a life-size cut-out of a gray whale and a blue toned backdrop to the entire exhibit (simulating water and hiding a chain-link fence).
 - iii. Replace the associated sound system and the recording of whale songs and dolphin clicks (including, adding a voice explaining the differences between the whale songs and dolphin clicks).
 - iv. Design, fabricate and install signage that identifies various whale bones found in the sandy “dig” area nearby.
 - b. *Channel Islands Garden* – Currently, the Museum has separate garden areas along the exterior of the Museum (e.g., Chumash Garden and the Pollinator Garden). The applicant plans to:
 - i. Add a Channel Islands Garden adjacent to the cut-out Sea Creatures exhibit that exhibits plants native to the Channel Islands.
 - ii. Design, fabricate and install signage that identifies the plants and illustrates location and size of the Channel Islands.
 - c. *Water Feature for the Dolphin Sculpture* – Currently, the Museum has a jadeite dolphin sculpture outside the Museum building. The applicant plans to:
 - i. Design and install a mosaic tile that looks like water surrounding the sculpture.
 - ii. The mosaic will depict garibaldi, octopi, and steelhead trout.
2. Indoor Coastal Exhibits (CREF Request: \$17,744)
 - a. *Steelhead Exhibit* – Currently, there is an existing steelhead/beaver exhibit in the Museum. The applicant plans to:

- i. Redesign the exhibit with a steelhead leaping out of the existing exhibit onto the floor, into a “river” (see figure below).
- ii. Paint a river onto the floor with steelhead trout. The painted river would start at this indoor steelhead exhibit and continue to the existing interior sea life exhibit and then out the Museum’s front door to the outdoor Dolphin Sculpture and the Life-Size Sea Creative exhibits.
- iii. Design, fabricate and install signage about the steelhead endangered listing and maps of regional rivers and creeks.
- iv. Design and prepare educational kit curriculum with lessons about steelhead migration, animal adaptations and human interactions.



Concept of Upgrades to Steelhead Exhibit

Background: The applicant has received four CREF grants in the past:

- \$26,000 grant in the 2001 cycle to create the *Exploring the Seashore* exhibit;
- \$30,000 grant in the 2004 cycle to create an outdoor learning area, including the outdoor speakers and life-size cut-outs of whales, sharks, and dolphins that the current proposal would replace;
- \$50,000 grant in the 2006 cycle to create the *From the Beginnings Under the Sea* exhibit;
- \$12,309 grant in the 2010 cycle to create a shore bird exhibit.

Satisfaction of CREF Criteria:

The eight CREF criteria can be found on pages 3-4 of the staff report. The symbol (+) means the proposal satisfies the criterion; the symbol (-) means it doesn't satisfy; and the symbol (+/-) means it partially satisfies.

- (+) **Criterion # 1, Coastal Nexus.** The proposal possesses a functional coastal relationship by educating students and visitors about marine animals, steelhead trout and the Channel Islands flora.
- (+) **Criterion #2, Coastal Resource Enhancement.** The project enhances environmentally sensitive coastal resources and coastal recreation by educating visitors about the marine animals, steelhead trout and the Channel Islands flora. In so doing, this education heightens the sensitivity, respect and enjoyment of these coastal resources.
- (+) **Criterion #3, Broad Public Benefit.** The proposal would benefit mostly residents of Santa Maria. The applicant states that it services under privileged, Spanish-speaking families and hosts school tours. The museum is open four days a week (Wednesday through Saturday) and is free to the public. The museum focuses on enhancing the public science education.
- (-) **Criterion #4, Higher Priority - Capital Improvements and Coastal Acquisition.** This project is considered educational, which does not satisfy the higher priorities of CREF (capital improvements and acquisitions).
- (+) **Criteria #5 and 7, Matching Funds and Viable Funding Mechanisms.** The applicant seeks 38% of the proposed costs from CREF. The applicant is seeking additional monies from the Newhall and Santa Barbara Foundations. It offers in-kind services from volunteers helping to plant the Chumash garden.
- (+) **Criterion #6, Ongoing County Costs.** The project would not require any additional ongoing County operational or maintenance costs. The applicant has successfully operated the museum now for approximately 25 years.
- (+) **Criterion #8, Feasibility of Successfully Implementing Project.** Staff believes the proposal will be completed successfully if fully funded. The applicant has successfully completed four projects funded by CREF.

Other Considerations: None.

Appendix 2
1988-2019 CREF Awards by District

Table 1: First District¹

Project Name	Amount	Approved	Type
Andree Clark Bird Refuge	\$170,000	1988	Cap. Improve.
Andree Clark Bird Refuge - Margin Wetlands Restore Prj	\$30,901	2014	Cap. Improve.
Carpinteria Swimming Pool	\$150,000	1988	Cap. Improve.
Carpinteria Salt Marsh Land Acquisition	\$83,000	1990	Acq.
Carpinteria Salt Marsh Land Acquisition	\$150,000	1993	Acq.
Carpinteria Salt Marsh Land Acquisition	\$25,000	1995	Acq.
Carpinteria Salt Marsh Nature Park Interpretative Signs	\$38,500	2002	Cap Improve.
Carpinteria Salt Marsh, Basin I and So. Marsh Improve. Plan	\$50,000	2003	Cap Improve.
Santa Barbara Zoo – Sea Lion Exhibit	\$25,000	1990	Cap. Improve.
Santa Barbara Harbor Boat Launch	\$150,000	1990	Cap. Improve.
Carpinteria Bluffs Appraisals	\$20,000	1991	Acq.
Carpinteria Bluffs Appraisals	\$15,000	1992	Acq.
Carpinteria Bluffs Appraisals	\$15,000	1997	Acq.
Carpinteria Bluffs Acquisition	\$100,000	1998	Acq.
Carpinteria Bluffs Acquisition	\$350,000	1999	Acq.
Carpinteria Bluffs Restroom/Storage Facility	\$30,000	2004	Cap. Improve.
Carpinteria Bluffs III Acquisition	\$144,750	2017	Acq.
Carpinteria Creek Appraisals	\$5,000	1992	Acq.
Loon Point Beach Access Easement	\$2,872	1990	Acq.
Loon Point Beach Access Easement Realignment	\$65,519	1994	Cap. Improve.
Lookout Park Accessibility Modifications	\$30,000	1994	Cap. Improve.
Lookout Park Arundo Removal	\$40,000	2007	Cap. Improve.
Lookout Park Arundo Removal	\$8,500	2010	Cap. Improve.
Lookout Park Arundo Renovation	\$60,000	2019	Cap. Improve.
Carpinteria Lions Community Building	\$25,000	1995	Cap. Improve.
Oceanview Park (Careaga) Acquisition	\$200,000	1995	Acq.
Channel Drive/Butterfly Beach Stair Refurbishment	\$27,000	1995	Cap. Improve.
Pedestrian Improvements at Butterfly Beach	\$0	2005	Cap. Improve.
Coastal Bikeway, North Jameson Lane	\$95,000	1995	Cap. Improve.
Summerland Greenwell Park Improvements, Phase 1	\$20,000	1996	Cap. Improve.
Phase 2	\$16,000	2001	Cap. Improve.
Seed Storage/Demonstration Garden	\$10,000	2005	Cap. Improve.
Bikeway Studies: Santa Claus Lane/Carp. Ave & Ortega Hill	\$50,000	1996	Cap. Improve.
Hammonds Meadows Beach Access Stairs	\$10,500	1996	Cap. Improve.
Ocean Recreation Center	\$60,000	1997	Cap. Improve.
Rincon Beach Access	\$29,000	1997	Cap. Improve.
Rincon Beach Day Use Area Planning	\$28,500	2001	Cap. Improve.
Rincon Beach Day Use Area Implementation	\$7,720	2002	Cap. Improve.
Rincon Beach Day Use Area, Phase I	\$37,037	2003	Cap. Improve.
Rincon Beach Day Use Area, Phase II	\$40,000	2006	Cap. Improve.
Rincon Beach Day Use Area, Phase II	\$92,000	2007	Cap. Improve.
Rincon Creek Arundo Removal	\$20,000	2010	Cap. Improve.
Finney Street Beach Access	\$21,413	1997	Cap. Improve.
Surfrider Extension Trail	\$6,440	2000	Acq.
Santa Claus Lane Preliminary Beach Access	\$26,000	2000	Acq.
Santa Claus Lane Beach Access, Phase I	\$22,500	2004	Acq.
Santa Claus Lane Streetscape Plan	\$73,889	2010	Plan/Rsch
Santa Claus Lane Streetscape Plan	\$69,559	2011	Plan/Rsch
Santa Claus Lane Streetscape Plan	\$96,404	2012	Plan/Rsch
Santa Claus Lane Streetscape Plan	\$10,000	2017	Plan/Rsch
Design Guidelines for Hwy 101 Landscaping and Structures	\$10,000	1998	Plan/Rsch
Carpinteria Creek Watershed Outreach	\$14,671	2002	Education

¹ Grants listed reflect the district boundaries in effect at the time of award.

Carpinteria-Rincon Multi-Use Trail, Feasibility Study	\$49,622	2003	Plan/Rsch
Harbor Seal Sanctuary Improvement	\$12,629	2004	Cap. Improve.
Lifeguard Facility at Ash Avenue/Beach	\$20,000	2005	Cap. Improve.
Carpinteria Old Town (Palm to Linden) Trail Segment	\$24,500	2006	Plan/Rsch
Franklin Trail	\$0	2007	Cap. Improve.
Summerland Community Plan Update	\$68,791	2010	Plan/Rsch
Circle G Ranch Fish Passage Restoration Project	\$42,417	2015	Cap Improve.
	\$3,095,634		

Table 2: Second District²

Project Name	Amount	Approved	Type
Arroyo Burro Beach, Tot Lot	\$0	1988	Cap. Improve.
Parking Lot	\$50,000	1991	Cap. Improve.
Parking Lot Appraisals/Negotiations	\$6,000	1996	Acq.
Coastal Overlook	\$26,300	1998	Cap. Improve.
Wheelchair Accessible Coastal Overlook	\$14,762	2002	Cap. Improve.
Pampas Grass Removal	\$21,888	2003	Cap. Improve.
Estuary Restoration	\$12,930	2005	Cap. Improve.
Estuary Restoration	\$75,000	2006	Cap. Improve.
Arroyo Burro Beach Restrooms	\$402,500	2013	Cap. Improve.
Tide Pool Care Interpretative Sign	\$2,500	2014	Edu.
Sea Center, Renovation/Expansion	\$115,000	1988	Cap. Improve.
Touch Tank Shade Canopy	\$23,523	1994	Cap. Improve.
Wharf Improvements	\$50,000	2003	Cap. Improve.
Shark Exhibit	\$13,000	2005	Cap. Improve.
Generator for Aquariums	\$52,925	2009	Cap. Improve.
Marine-Themed Interpretative Signs	\$10,000	2017	Cap. Improve.
Coastal Immersion Zone Exhibits	\$30,000	2014	Cap. Improve.
SB City College Improvements, La Playa Stadium Renovation	\$150,000	1990	Cap. Improve.
Restoration of Chumash Point	\$15,000	1992	Cap. Improve.
West Campus Walkway	\$19,470	1995	Cap. Improve.
Bikeway	\$0	1997	Cap. Improve.
More Mesa Vehicle Restriction	\$3,649	1992	Cap. Improv
Goleta Beach, Parking Lot	\$28,274	1990	Cap. Improve.
Revetment	\$0	1992	Cap. Improve.
Fireline	\$202,500	1993	Cap. Improve.
Master Plan	\$55,000	1993	Plan/Rsch.
Irrigation	\$70,000	1994	Cap. Improve.
Pier Structural Rehabilitation	\$90,000	1994	Cap. Improve.
Restrooms	\$37,500	1997	Cap. Improve.
Carrying Capacity	\$15,000	1999	Plan/Rsch.
Coastal Data Collection	\$36,500	2001	Plan & Rsch.
Winter Sand Berm, Phase I	\$15,000	2003	Cap. Improve.
Coastal Data Collection	\$55,000	2004	Plan & Rsch.
Coastal Data Collection	\$63,700	2005	Plan & Rsch.
Goleta Slough Mouth Hydrologic Modeling Study	\$30,000	2014	Plan & Rsch.
Los Marineros Marine Education	\$20,000	1992	Edu.
Los Marineros Marine Education Expansion	\$11,723	1995	Edu.
Santa Barbara Waterfront Aquatic Park Dredging	\$15,000	1992	Cap. Improve.
Santa Barbara Waterfront Aquatic Park Dredging	\$0	2001	Cap. Improve.
Los Banos del Mar Pool	\$15,000	1992	Cap. Improve.
Los Banos del Mar Pool	\$30,000	1993	Cap. Improve.
Oral History of Santa Rosa Island	\$9,250	1993	Edu.
Douglas Family Preserve (Wilcox Property) Acquisition	\$1,000,000	1994	Acq.
Los Positas Park Master Plan	\$50,000	1995	Plan/Rsch.
Los Positas Park Expansion/Acquisition	\$175,000	1995	Acq.
Los Positas Park Expansion/Acquisition	\$25,000	1997	Acq.
Los Positas Park Expansion/Acquisition	\$325,000	1998	Acq.
Santa Barbara Maritime Museum, Museum Construction	\$30,000	1996	Cap. Improve.
-- Auditorium Construction	\$15,172	1998	Cap. Improve.
-- Outreach Library	\$8,850	1999	Cap. Improve.
-- Increase Visibility Project	\$0	2004	Edu.
-- Surf Exhibit	\$50,000	2007	Cap. Improve.

² Grants listed reflect the district boundaries in effect at the time of the award.

-- Presentation Wall Upgrade	\$30,000	2014	Cap. Improve.
-- History of Oil Exhibit	\$10,000	2017	Education
Santa Barbara County Veterans Memorial	\$20,000	1996	Cap. Improve.
Lower Westside Bikeway	\$29,720	1997	Cap. Improve.
South Coast Watershed Resource Center (WRC)	\$50,000	2000	Cap. Improve.
WRC & Arroyo Burro Firehydrant/Underground Utilities	\$29,883	2001	Cap. Improve.
WRC Improvements and Exhibits	\$19,861	2003	Edu
Shoreline Drive Enhancement	\$50,281	2000	Cap. Improve.
Shoreline Park Stairs Beach Access	\$30,000	2002	Cap. Improve.
Shoreline Park Improvements	\$40,000	2010	Cap. Improve.
Audubon Goleta Slough Restoration	\$15,500	2000	Cap. Improve.
Atascadero Mutt Mitt Stations	\$4,800	2002	Cap. Improve.
Atascadero Creek Trail Bridge Decking (near Patterson Ave.)	\$5,118	2004	Cap Improve.
Atascadero Creek Trail Bridge Decking (near Turnpike Road)	\$19,000	2006	Cap. Improve.
Shade Structure for Native Plants	\$15,000	2002	Cap. Improve.
Lifeguard Towers at Arroyo Burro, Goleta, and Jalama Beaches	\$57,505	2002	Cap. Improve.
San Jose Creek Bikeway	\$0	2004	Cap. Improve.
Santa Cruz Island Habitat Restoration	\$40,000	2014	Cap. Improve.
The Story of California's Channel Island Film	\$30,000	2015	Edu
Arroyo Burro Creek Acquisition	\$300,000	2015	Acq.
	\$4,369,584		

Table 3: Third District³

Project Name	Amount	Approved	Type
Isla Vista, Camino Corto Acquisition	\$550,000	1988	Acq.
Isla Vista Redevelopment Agency -- \$250,000 Loan	\$0	1991	Acq.
Del Playa Land Swap	\$10,300	1996	Acq.
Blufftop Acquisition	\$57,500	2001	Acq.
Blufftop Acquisition	\$493,159	2003	Acq.
Camino Corto Master Plan & Implementation	\$17,355	1994	Plan/Rsch.
Camino Corto and Del Sol Vernal Pool Reserve	\$30,311	1996	Cap. Improve.
Camino Corto and Del Sol Vernal Pool Reserve – Irrig.	\$30,000	1997	Cap. Improve.
Estero Park Lathhouse for Propagating Natives	\$24,000	1998	Cap. Improve.
Pescadero Blufftop Improvement	\$25,000	1999	Cap. Improve.
Del Playa Pelican Park – Water Meter	\$10,000	2001	Cap. Improve.
Camino del Sur Stairway Improvements	\$25,000	2001	Cap. Improve.
Bathrooms, Preliminary Planning & Permitting	\$30,000	2003	Cap. Improve.
Blufftop Acquisition	\$215,350	2005	Acq.
Improvements to Three Beach Accesses	\$210,000	2006	Cap. Improve.
Improvements to Walter Capps Park	\$54,305	2007	Cap. Improve.
Improvements to Walter Capps Park	\$130,800	2008	Cap. Improve.
Improvements to Walter Capps Park	\$90,125	2009	Cap. Improve.
Goleta Valley Transfer Development Rights	\$10,500	1988	Plan/Rsch.
Goleta Beach Slough Revetment	\$100,000	1988	Cap. Improve.
Santa Barbara Shores/Ellwood Mesa, Acquisition	\$1,000,000	1988	Acq.
Acquisition (SB Shores)	\$140,000	1991	Acq.
Improvements	\$280,000	1991	Cap. Improve.
Improvements	\$49,981	1991	Cap. Improve.
Improvements	\$201,724	1991	Cap. Improve.
Debt Repayment (on Santa Barbara Shores loan)	\$115,217	1996	Acq.
Improvements	\$46,351	1997	Cap. Improve.
Regional Plan	\$50,000	2000	Plan/Rsch.
Regional Plan	\$31,599	2002	Plan/Rsch.
Acquisition (Ellwood Mesa/Sperling Preserve)	\$367,963	2004	Acq.
Acquisition (Ellwood Mesa/Sperling Preserve)	\$50,000	2005	Acq.
Doty Property Acquisition	\$300,000	2007	Acq.
Ocean Meadows Acquisition	\$438,500	2010	Acq.
Ocean Meadows Acquisition	\$311,500	2011	Acq.
Mathilda Drive Parcels	\$64,845	2010	Acq.
Coronado Acquisition	\$43,005	1998	Acq.
Coronado Acquisition and Restoration	\$25,000	1999	Acq.
Coronado Revitalization Project	\$23,000	2015	Plan/Rsch.
Ellwood Drive Parcel Acquisition	\$48,000	2015	Acq.
Trails and Habitat Restoration Planning	\$35,000	2014	Plan/Rsch.
North Campus Open Space Trail & Bridge Design	\$18,000	2016	Plan/Rsch.
Mathilda Drive Parcels	\$10,750	2017	Acq.
Mathilda Drive Parcels	\$66,430	2018	Acq.
More Mesa Appraisal and Hazardous Waste Survey	\$25,000	1990	Acq.
More Mesa Management Plan	\$10,000	1991	Plan/Rsch.
Mission Santa Ines and Its Harbors Project	\$8,723	1995	Edu.
Phase II – El Capitan Bikeway and Trail	\$50,000	1996	Cap. Improve.
Gaviota Creek Fish Passage	\$50,000	1991	Cap. Improve.
Gaviota Creek Fish Passage	\$20,000	1993	Cap. Improve.
Gaviota Creek Fish Passage	\$30,000	1993	Cap. Improve.

³ Grants listed reflect the district boundaries in effect at the time of the award.

Gaviota Creek Fish Passage	\$10,000	2017	Plan/Rsch.
Conservation Efforts Along the Gaviota Coast, Phase IV	\$14,452	1994	Plan/Rsch.
Phase V	\$25,000	1995	Edu.
Gaviota Coast Resource Study	\$20,000	1997	Plan/Rsch.
Gaviota Coast Resource Study	\$27,000	2000	Plan/Rsch
Agricultural Conservation Easement Appraisals	\$32,810	1997	Acq.
Easement Fund	\$25,000	1998	Acq.
Easement Fund	\$100,000	1999	Acq.
Easement Fund	\$303,268	2000	Acq.
Easement Fund	\$204,732	2002	Acq.
Suitability/Feasibility Study	\$10,000	1999	Plan/Rsch.
Suitability/Feasibility Study	\$15,000	2002	Plan/Rsch.
Facilitation of Common Ground Process	\$15,000	1999	Plan/Rsch.
Facilitation of Common Ground Process	\$45,000	2003	Plan/Rsch.
Arroyo Hondo Ranch Acquisition	\$208,929	2001	Acq.
Gaviota Ranch/Brinkman Conservation Easement	\$0	2003	Acq.
Gaviota Ranch/Brinkman Conservation Easement	\$0	2005	Acq.
Gaviota Village Property	\$1,360,938	2008	Acq.
Gaviota Coast Plan	\$280,710	2010	Plan/Rsch
Gaviota Coast Plan	\$260,580	2011	Plan/Rsch
Gaviota Coast Plan	\$296,497	2012	Plan/Rsch
Gaviota Coast Plan	\$273,000	2013	Plan/Rsch
Gaviota Cove Acquisition	\$0	2016	Acq.
Jalama Beach County Park Expansion	\$616	1996	Acq.
Jalama Beach Restrooms	\$280,000	2014	Cap. Improve.
Jalama Beach Restrooms	\$170,752	2015	Cap. Improve.
Jalama Beach Restrooms	\$100,000	2016	Cap. Improve.
Jalama Coastal Trail	\$20,000	2018	Plan/Rsch.
Ponds and Aviaries -- Animal Hospital	\$0	1998	Cap. Improve.
San Jose Creek Class I Bike, Planning	\$74,266	1998	Cap. Improve.
Snowy Plover & Coastal Access Pilot Program	\$24,989	2001	Edu.
Ocean Beach Nature Center	\$48,007	2003	Cap. Improve.
Surf Beach Snowy Plover Docent Wind Shelter	\$0	2004	Cap. Improve.
Guadalupe Dunes ByPass Road	\$224,346	2012	Cap. Improve.
Rancho Guacamole Fish Passage Project	\$0	2014	Cap. Improve.
Cabrillo High School Aquarium Expansion	\$75,000	2014	Edu.
Cabrillo High School Aquarium Upgrades	\$100,000	2018	Cap. Improve.
Dunes Center Heritage Preservation Exhibit	\$80,000	2014	Edu.
Dunes Center Exhibition Project	\$76,000	2015	Edu.
Dunes Center Sphinx Excavation	\$27,600	2016	Edu.
Dunes Center Sphinx Excavation	\$35,430	2019	Edu.
Coal Oil Point Preserve Education Center	\$23,000	2016	Cap. Improve.
Baron Ranch Trail Realignment	\$20,000	2017	Cap. Improve.
	\$10,932,215		

Table 4: Fourth District⁴

Project Name	Amount	Approved	Type
Leroy Park Recreational Center	\$75,000	1988	Cap. Improve.
Leroy Park Recreational Center	\$75,000	1990	Cap. Improve.
Leroy Park Recreational Center	\$75,000	1991	Cap. Improve.
Point Sal Acquisition	\$125,000	1988	Acq.
Point Sal Road Reopening, Alternative Analysis Report	\$50,000	2005	Plan/Rsch
Ocean Park Improvements	\$400,000	1988	Cap. Improve.
Ocean Park Improvements	\$100,000	1990	Cap. Improve.
Host Site	\$16,896	1999	Cap. Improve.
Mission Vieja Site Acquisition	\$50,000	1990	Acq.
Burton Mesa Management Plan	\$19	1988	Plan/Rsch.
Burton Mesa Management Plan	\$76,320	1992	Plan/Rsch.
Burton Mesa Management Plan	\$40,000	1994	Plan/Rsch.
Burton Mesa Acquisition	\$281,162	1996	Acq.
Burton Mesa Acquisition	\$72,691	1996	Acq.
Burton Mesa Acquisition	\$210,000	1997	Acq.
Cabrillo High School Aquarium, Construction	\$100,000	1994	Cap. Improve.
Construction	\$77,943	1998	Cap. Improve.
Construction	\$123,335	2000	Cap. Improve.
Outreach Program	\$11,724	1995	Edu.
Technology/Media Exhibit	\$71,142	2001	Edu.
Santa Ynez River Enhancement Plan	\$36,088	1995	Plan/Rsch.
Surf Beach Pedestrian Crossing	\$120,000	1997	Cap. Improve.
Santa Ynez River Open Space/Park	\$25,000	1998	Acq.
Burton Mesa Chaparral Garden	\$2,271	2000	Cap. Improve.
Guadalupe Dunes Vehicle Barrier to Protect Snowy Plovers	\$13,450	2002	Cap. Improve.
Guadalupe Dunes Tractor	\$89,000	2004	Equipment
Lompoc Aquatic Center	\$67,126	2002	Cap. Improve.
Dunes Center, Exhibit Hall/Visitor Center	\$0	2003	Cap. Improve.
Exhibit Hall/Visitor Center	\$0	2005	Cap. Improve.
Pioneer Space Center's Coastal Display	\$11,942	2004	Equipment
The Natural Ways Exhibit at La Purisima	\$63,531	2006	Cap. Improve.
	\$2,459,640		

⁴ Grants listed reflect the district boundaries in effect at the time of the award.

Table 5: Fifth District⁵

Project Name	Amount	Approved	Type
Waller Park Water Conservation	\$125,000	1988	Cap. Improve.
Allan Hancock Theater Expansion	\$175,000	1990	Cap. Improve.
Peregrine Falcon Reintroduction	\$5,000	1992	Plan/Rsch.
S.M./Guadalupe Dunes Bikeway Study	\$30,000	1992	Plan/Rsch.
General Plan Amendment	\$374	1996	Plan/Rsch.
Construction of Bikeway, Phase IV	\$0	1997	Cap. Improve.
Guadalupe Dunes County Park, Kiosk Staffing	\$0	1993	Edu.
Management Plan Update	\$33,222	1994	Plan/Rsch.
Trailer	\$5,000	1996	Cap. Improve.
Phase II, Master Plan for Road Repairs	\$23,705	1996	Plan/Rsch.
Implementation Plan	\$104,065	1998	Cap. Improve.
Implementation Plan	\$22,935	1999	Cap. Improve.
Guadalupe Dunes Education Center, Construction	\$0	1994	Cap. Improve.
Construction of Exhibit Hall	\$0	2000	Cap. Improve.
Exhibits	\$120,000	1995	Edu.
Ecosystem Education Unit Package	\$22,500	1999	Edu.
Video of Dunes	\$22,000	1999	Edu.
Land & Sea Mammals Interactive Computer Program	\$21,500	2001	Edu.
Santa Maria Valley Discovery Museum, SEA IT!	\$24,550	1994	Edu.
SEA IT! Phase II	\$13,444	1997	Edu.
Ocean Supermarket Exhibit, Phase I	\$20,000	2002	Edu.
Ocean Supermarket Exhibit, Phase II	\$79,000	2005	Edu.
Marine Exhibit, Phase I	\$115,000	2004	Cap. Improve.
Marine Exhibit, Phase II	\$47,750	2006	Cap. Improve.
Tide & Seek Exhibit	\$45,000	2007	Cap. Improve.
Belly of the Whale, Phase I	\$75,000	2008	Cap. Improve.
Belly of the Whale, Phase II	\$55,099	2009	Cap. Improve.
Marine-Themed Exhibits	\$25,000	2017	Edu.
Point Sal Appraisals	\$5,000	1995	Acq.
Point Sal Acquisition	\$33,415	1999	Acq.
Pioneer Park	\$25,000	1996	Acq.
Santa Maria YMCA Pool	\$0	1997	Cap. Improve.
Santa Maria Valley Beautiful Earth Week	\$10,000	1998	Edu.
Salmon & Trout Educational Program	\$3,000	1998	Edu.
Guadalupe Community Park Ball Fields	\$25,000	1998	Cap. Improve.
Van for the Environmental Education on Wheels	\$0	1999	Edu.
Van for the Environmental Education on Wheels	\$16,500	2001	Edu.
Marine Science Curriculum, Pilot Program	\$8,332	2000	Edu.
Santa Maria Natural History Museum, Exploring the Seashore	\$26,000	2001	Edu.
-- Sand & Sea Learning Area	\$30,000	2004	Cap. Improve.
-- From the Beginnings Under the Sea	\$50,000	2006	Cap. Improve.
-- Shore bird Collection Exhibit	\$12,309	2010	Edu.
Davey Brown/Munch Creek Fish Passage	\$19,818	2017	Plan/Rsch.
	\$1,474,518		

⁵ Grants listed reflect the district boundaries in effect at the time of the award.

Table 6: Grants Benefiting Three or More Districts

Project Name	Amount	Approved	Type
Earth Day 1990	\$10,000	1990	Edu.
Earth Day 1995	\$10,000	1995	Edu.
Open Space and Recreation Element	\$50,000	1991	Plan/Rsch.
Coastal Access Implementation Plan	\$30,000	1992	Plan/Rsch.
Offers to Dedicate Coastal Access	\$37,843	1996	Plan/Rsch.
South Coast Water Quality – Education Component	\$26,000	1998	Edu.
California Central Coast Birding Trail	\$0	1998	Cap. Improve.
Snowy Plover Video	\$8,930	1998	Edu.
SB Wildlife Care Network, Upgrades to Seabird Facility	\$1,580	2000	Cap. Improve.
Seabird Net Enclosure	\$1,037	2004	Equipment
Seabird Care Compound	\$31,800	2005	Cap. Improve.
Seabird Care Compound	\$120,000	2006	Cap. Improve.
Seabird Care Compound	\$150,000	2007	Cap. Improve.
Seabird Care Compound	\$191,000	2010	Cap. Improve.
Treating Ailing Seabirds	\$36,176	2019	Equipment
Pelagic Bird Care Equipment	\$6,039	2014	Equipment
Waves on Wheels Van	\$25,000	2001	Edu.
Marine Mammal Rescue Project	\$24,408	2004	Equipment
Marine Mammals Rescue Project	\$10,000	2005	Equipment
Marine Mammals/CIMWI Public Awareness	\$16,057	2017	Edu.
Santa Barbara Beaches Hazards Removal Project	\$0	2004	Cap. Improve.
Channel Island's In-School Curriculum	\$15,000	2016	Edu.
Vehicle for Outdoor Field Trips	\$13,400	2018	Equipment
Marine Protected Areas	\$4,000	2018	Edu.
	\$818,270		

Table 7: Amounts Allocated by Districts⁶

District	Amount
First	\$3,095,634
Second	\$4,369,584
Third	\$10,932,215
Fourth	\$2,459,640
Five	\$1,474,518
Three or More Districts	\$818,270
Total	\$23,149,861

⁶ Grants listed reflect the district boundaries in effect at the time of the award.