

Santa Barbara County Fish and Game Commission

Please complete each section of this application. Incomplete applications may be rejected.

PART 1: PROJECT TITLE

Project Title: Resolving Negative Human-Wildlife Interactions in Santa Barbara County in 2019
Amount Requesting: \$12,500

PART 2: GENERAL INFORMATION

Organization: International Bird Rescue
Contact Person: Phil Kohlmetz, Grants Coordinator
Address: 3601 S. Gaffey St.
City, State Zip: San Pedro, CA 90731
Phone: 707-704-0350 **Email:** grants@bird-rescue.org

PART 3: PROJECT DESCRIPTION

Note: Please state how the program or project complies with FG Code 13103 (Attachment A) and which provisions apply. If the project is for educational purposes (FG Code 13103 a.), attach a curriculum and examples of any teaching aids to be used.

Experts around the world agree that aquatic birds are in a global crisis of survival. In 208, the National Fish and Wildlife Foundation reported that, "Seabirds, which comprise more than 300 species worldwide, are declining faster than any other group of birds. Populations of oceanic seabirds are most threatened."

Santa Barbara County is especially important to hundreds of species of aquatic birds because of its central location on the Pacific Flyway (a major North-South migratory route along the coasts of North and South America). Immediate human impact in the region has concentrated, long-term effects on the global wildlife population. Most of the threats to marine wildlife are human-induced. Direct threats include oil and chemical spills; plastics/garbage/pollution; fishing line, hook, and net entanglements; and human cruelty. Indirect threats include climate change, food scarcity, and permanent habitat loss/destruction from development and industrialization.

Our Wildlife Rescue and Rehabilitation program resolves negative human-wildlife interactions by providing direct and immediate responses that help save the lives of individual animals harmed by human impact. The primary objective of this program is to rescue and rehabilitate 390 or more aquatic birds from Santa Barbara County annually. Our secondary objective is to secure sufficient financial support from stakeholders to keep our operations sustainable.

Our request for a \$12,500 grant will partially offset the cost of service we provide to the people and wildlife of Santa Barbara County, and represents a modest portion of total annual cost for serving Santa

Barbara County wildlife (~\$80,000). While in some circumstances, the State of California's Oiled Wildlife Care Network (OWCN) reimburses us for the first 21 days of care for oiled birds, their reimbursement does not cover the full cost of animal care we provide, and this year is less than \$10,000.

Fish and Game commissions in the counties of Sonoma, Napa, Alameda, Los Angeles, and Contra Costa have each funded similar requests ranging from \$4,500 to \$12,500 this year to help ensure our work is sustainable. Without modest financial support, our ongoing ability to underwrite this service will be jeopardized and we will be unable to continue to conserve these beautiful and vulnerable natural and educational resources.

The proposed project is a direct expression of 13103(b): "Temporary emergency treatment and care of injured or orphaned wildlife." The individual animals we return to the wild are then able to propagate future generations. When we work with Animal Control Officers and Game Wardens, we also address element 13103(c): "Temporary treatment and care of wildlife confiscated by the department as evidence."

Additionally, through our Wildlife Rehabilitation work and our Wildlife Emergency Response and Preparedness work, we protect and restore local wildlife populations, especially when human impact has negatively affected those populations and individual animals. Our ongoing Research leads to innovations and new standards in wild animal care (13103(i)). Our public education and outreach efforts reach over 100,000 people annually through numerous social media channels and real-time events (13103(a)).

PART 4: BENEFITS TO SANTA BARBARA COUNTY WILDLIFE

Please describe how this project would directly or indirectly benefit Santa Barbara County's wildlife.

The project is specific to wild animals rescued from and released back to Santa Barbara County. The project can be completed in one year. Commission funds are matched by committed investment from neighboring Counties, corporations, and individuals. The proposal meets the requirement for Fish and Game monies and there are no administrative costs to be paid through this grant.

As a "referral hospital," we often treat the most challenging cases that are beyond the capacity or skills of other regional wildlife centers and clinics, and receive hundreds of birds from other local rescues and rehabilitation centers, for treatment at our Center. Our Los Angeles Wildlife Center in San Pedro, CA admits more than 1,500 local aquatic birds annually, and releases them back into the wild once they are successfully rehabilitated. We receive an average of 390 birds annually from Santa Barbara County. The most common species are Western Grebes, Common Murres, Black-Crowned Night-Herons, Mallards, Brown Pelicans, Pacific Loons, and Western Gulls. Their most common ailments include: petroleum oiled, fishing line and hook entanglements, trauma (wing/leg/body fractures), and orphaned.

Unlike traditional veterinary clinics, our patients come to us with no funding, no insurance, and no one responsible for paying the bill. Birds injured by human impact (as the majority of our cases are) require round-the-clock care, capable hands, and large volumes of food and vitamins in order to be rehabilitated successfully and returned to the environment. Only with philanthropic support from concerned citizens, foundations, corporations, and municipal agencies are we able to meet the demand for our services.

In addition, funding this proposal helps us keep our skills and facilities ready to respond to periodic-but-sadly-inevitable environmental crises that occur, including multiple Ventura Mystery Oiling events, and the 2015 Refugio Oil Spill in Santa Barbara.

PART 5: TIMELINE

For large, multi-year projects, the SBCF&GC may ask for this section to be filled out. For smaller yearly projects or where an item or items are being purchased one time or the project is one event, this section does not apply. Please provide an outline of your project including the milestones and anticipated achievement dates.

Not applicable – the project can be completed within one year.

PART 6: BUDGET

Please use the form below to list the summary of your budget and other funding sources. Attach a detailed list of items such as equipment, supplies, and other tangible items to be purchased. Receipts must be supplied for all expenditures. The Fish and Game Commission traditionally does not fund administration costs, such as labor, overhead and travel.

\$ Amount Requested from the Fish and Game Commission:

International Bird Rescue

Bird Care Costs Analysis: Nutrition (food), medicine, vitamins, supplements, and veterinary supplies

Bird Type	Typical Weight (kg)	Medication					Suppleme Auklet Tabs	Vitamins			Nutrition		Veterinary Supplies		Total Cost/ bird/ day
		Itra	Iver- mectin	Prazi- quantel	Baytril	Meta		Vitamin E	Vitamin D	Calcium	Emerald	Night Smelt (fish)	Needles	Hemato- crit Tubes	
1. Gulls/ Western Grebes	1	\$0.15	\$0.02	\$2.19	\$0.46	\$0.15	\$0.04	\$0.16	\$0.00	\$0.00	\$2.25	\$4.04	\$0.06	\$0.07	\$9.59
2. Herons/ Egrets	0.8	\$0.12	\$0.02	\$1.75	\$0.37	\$0.12	\$0.03	\$0.00	\$0.13	\$0.02	\$1.80	\$2.47	\$0.06	\$0.07	\$6.96
3. Ducks/ Loons	1.5	\$0.23	\$0.03	\$3.28	\$0.74	\$0.23	\$0.06	\$0.24	\$0.00	\$0.00	\$3.37	\$6.06	\$0.06	\$0.07	\$14.37
Average		\$0.17	\$0.02	\$2.41	\$0.52	\$0.17	\$0.04	\$0.13	\$0.04	\$0.01	\$2.47	\$4.19	\$0.06	\$0.07	\$10.31

Most prevalent species rescued and rehabilitated from Santa Barbara County:
 1 Western Grebes and Gulls
 2 Black-Crowned Night Herons and Common Murres
 3 Mallards and Pacific Loons

Most common ailments of birds rescued from Santa Barbara County are oiling, fishing hook, net, and line entanglements, and trauma (broken wings, legs, and body fractures).

Although species are shown in order of prevalence, for simplicity, calculations presume equal numbers of birds in each category.

Cost analysis shows minimum daily values for birds accepted for care.
 Not shown, but often used are additional veterinary supplies, including:
 autoclave pouches, x-ray film, sterile fluids,
 sterile syringes, sterile needles, Tegaderm, vet wrap, and paper tape.
 Birds needing surgery also require sutures (minimum cost = \$7/bird).

Min. cost / bird / day of-care	Average length-of- stay / bird	# of grant-supported birds	Total cost
\$10.31	20	390	\$80,381.60
Minus OWCN contribution to cover partial cost of oiled birds			\$9,345.00
Net Cost to International Bird Rescue			\$71,036.60
GRANT REQUEST =			\$12,500.00

Other Funding Sources

In-kind or Other Funding Sources:

Our overall annual operating budget in 2019 is \$2,862,008. The operating cost of the Wildlife Rescue and Rehabilitation program at our Los Angeles Wildlife Center in 2019 is \$359,707. The total cost of rescuing and rehabilitating birds from Santa Barbara County is \$80,381 annually. A portion of the costs of servicing Santa Barbara's wildlife resources in 2019 (\$9,345) is underwritten through the State of California's Oiled Wildlife Care Network (OWCN) Individual Oiled Bird Fund which leaves a deficit of \$71,036 that needs to be made up through other funding. This modest request is one way to fill the gap.

Grants from local agencies to support the rescue and rehabilitation of wild aquatic birds from within their jurisdictions includes:

Contra Costa County Fish and Wildlife Committee - \$12,500 awarded in 2019
Los Angeles County Fish and Game Commission - \$7,500 awarded in 2019
Sonoma County Fish and Wildlife Commission - \$5,000 awarded in 2019
Alameda County Fish and Game Commission - \$5,000 awarded in 2019
Napa County Wildlife Conservation Commission - \$4,500 awarded in 2019

Additional major philanthropic support for the Wildlife Rescue and Rehabilitation program at our Los Angeles Wildlife Center is provided by:

\$100,000: Procter & Gamble, makers of Dawn dish soap (yes, we really did innovate the use of Dawn to wash birds over 4 decades ago, and continue to use the product today)

\$100,000: Marathon Los Angeles Refinery

\$50,000: Anonymous National donor

\$15,000: SeaWorld & Busch Gardens Conservation Fund

\$10,000: Marisla Foundation

\$10,000: William C. Bannerman Foundation

\$10,000: Valero Wilmington Refinery

\$10,000: Chevron El Segundo Refinery

\$10,000: Phillips 66

Local Southern California individual donors contribute approximately \$30,000 annually.

CA Department of Fish and Wildlife and the Oiled Wildlife Care Network are *in-kind* donors of space and technical resources.

PART 7: QUALIFICATIONS (optional)

Please describe the personnel who will be working on this project and their background and pertinent qualifications.



Program Operations Manager Julie Skoglund joined the staff in 2003. With a BS degree in Biology, Julie has worked on multiple spills including the Ventura Oiled Bird Incidents, Point Mugu Oiled Bird Incident, Santa Cruz Mystery Spill, Cosco Busan, and the 2010 Deepwater Horizon incident in the Gulf of Mexico. As Program Operations Manager, Julie oversees the operation of both the San Francisco Bay / Delta and the Los Angeles wildlife Rehabilitation Centers.



Clinical Veterinarian and Research Director Dr. Rebecca Duerr completed her DVM, MPVM, and PhD degrees at UC Davis, focusing on the care of oiled Common Murres and on the nutritional energetics and physiology of Common Murres and Western Grebes. She co-edited *Hand-Rearing Birds* (second edition), co-wrote the wild orphans section of *Merck Veterinary Manual*, and continues to raise the bar of wildlife rehabilitation through innovation at the intersection of clinical wildlife medicine and marine science.



Los Angeles Wildlife Center Manager Kylie Clatterbuck has been with International Bird Rescue since 2008 after graduating from California State University Long Beach with a BS degree in Marine Biology. She started as a Rehabilitation Technician and worked as Volunteer Coordinator before earning the position of Center Manager in 2016. Kylie has responded to multiple spills and crisis events over the years including the 2010 Deep Water Horizon Oil Spill in the Gulf of Mexico and the 2015 Refugio Oil Spill in Santa Barbara. While balancing life with 2 young children, Kylie is also responsible for managing daily clinic operations such as animal care, facility maintenance, and building protocols for the extensive care of our patients at International Bird Rescue.

PART 8: PROJECT PARTNERS (optional)

The Commission strongly encourages prospective grantees to seek partnerships in completing projects. Please list any organizations, groups or agencies that have agreed to participate in your project. Give a brief description of each organization's role in your project. Include any monetary contribution to the project, if any. Please attach a letter of support from each organization. If this is not possible, please include a name and phone number of a person from each organization who can be contacted to verify participation.

We are a founding partner in the State of California's Oiled Wildlife Care Network (OWCN), a statewide collective based at the UC Davis School of Veterinary Medicine of trained wildlife care providers, regulatory agencies, and academic institutions working to rescue and rehabilitate oiled wildlife on behalf of the State of California. OWCN provides technical and staff support during oiled wildlife emergencies, helps fund infrastructure projects, supports our research, and (with LA Unified School District) provides the physical buildings housing our organization (an in-kind donation valued at \$226,000).

We have long-established partnerships with dozens of land trusts, reserves, local Audubon Society chapters, wildlife rescue agencies (including Santa Barbara Wildlife Care Network), municipal agencies, Animal Control officers, and law enforcement agencies to conserve biological resources, rescue and rehabilitate injured animals, and hold responsible parties accountable.

PART 10: MANDATORY REPORTING

A final report demonstrating how the objective of the grant was achieved is due 60 days from the completion of all projects. On longer term, more complex projects, once those projects are initiated, a progress report is required every 90 days until the project is completed unless the SBCF&GC decides due to the nature of the project, progress reports are not needed.

Progress Report: None proposed

Final Report to SBCFGC: 2/28/20


NOTE: Receipts for expenditures to date must be submitted with each progress report as applicable.

PART 12: AGREEMENT

If awarded funds from the Santa Barbara County Fish and Game Commission, I agree to:

- *Complete the project as indicated and provide all reports and products as indicated in this application; including any amendments requested by the SBCFGC.*
- *Spend funds as outlined in this application and/or as voted upon by the SBCFGC. Any request to change how funds are spent must be approved by Santa Barbara County prior to the actual expenditure. I understand that failure to do so may void this contract with the SBCFGC. Failure to provide such reports and products or use of funds other than voted upon, may result in the loss of granted funds and exclusion from future grant opportunities.*

Phil Kohlmetz
Printed Name


Signature

Grants Coordinator
Title

7/9/19
Date

Please Return Grant Applications (13 copies) to:
Santa Barbara County Planning and Development
Attn. Fish and Game Commission
123 E. Anapamu St.
Santa Barbara, CA 93101



2019 Fact Sheet

In 1971 after 800,000 gallons of crude oil spilled into San Francisco Bay, concerned individuals led by Alice Berkner, a registered nurse, jumped into action, bringing International Bird Rescue to life. We have always had to pave a road where there is none. Staff and volunteers work with tenacity alongside clients, partners, and the public to find solutions.

Today, we research best practices at our crisis response hospitals and share them worldwide. International Bird Rescue is a founding partner in the State of California's Oiled Wildlife Care Network (OWCN), and a founding member of the Global Oiled Wildlife Response System (GOWRS), a consortium of leading experts trying to solve the challenges of oiled wildlife.

Vision:

We dream of a world in which every person, every day, takes action to protect the natural home of wildlife and ourselves.

Mission:

To inspire people to act toward balance with the natural world by rescuing waterbirds in crisis.

Goals and Core Program Activities:

- A) Minimize and mitigate human impact on wildlife
- B) Conserve biological diversity
- C) Inspire environmental stewardship through four core programs:

- Wildlife Rescue and Rehabilitation
- Wildlife Emergency Response and Preparedness Services
- Research and Innovation
- Outreach and Education

2019 Annual Operating Budget Overview: \$2,862,008

- \$797,996 – Wildlife Rehabilitation and Direct Animal Care (28%)
 - \$359,707 – Los Angeles Wildlife Center in San Pedro, CA
 - \$438,289 – San Francisco Bay-Delta Wildlife Center in Fairfield, CA
- \$465,815 – Oil Spill Response and Emergency Preparedness (16%)
- \$221,940 – Research, Innovation, Education, and Outreach (8%)
- \$595,165 – Administration and Finance (21%)
- \$399,138 – Fundraising and Communications (14%)
- \$381,954 – Operational Reserves for Future Crisis Response (13%)

Support from those who value wildlife and environmental conservation:

- \$728,097 earned from fees, enterprises, and contracts for service (25%)
- \$2,133,911 contributed by over 2,100 individuals, foundations, and corporations (75%)

Three Locations:

- San Francisco Bay-Delta Wildlife Hospital (Fairfield, CA)
- Greater Los Angeles Wildlife Hospital (San Pedro, CA)
- Alaska Wildlife Response Center (Anchorage, AK)

Board Members: 8

Staff: 28

Volunteers: 244, contributing 20,262 hours of time annually

Evidence of the impact of our work can be seen in:

- Over 120,000 second chances given to rescued birds: an average of 4,000 in each of the past 3 years
- The Emmy Award-winning documentary film "*Saving Pelican 895*," which focuses on our response to the 2010 BP Deepwater Horizon Oil Spill Disaster
- Numerous episodes of the Emmy Award-winning ABC television series "*Sea Rescue*"
- *Dawn Saves Wildlife* campaign, one of the strongest and longest-standing (40+ year) cause-related corporate marketing sponsorships. (Yes, we *really do* use DAWN to wash birds.)



2019 Core Programs

Program overview

1. Wildlife Rescue and Rehabilitation Program

Experts agree that aquatic birds are in crisis. "The global population of seabirds has dropped by nearly 70 percent since monitoring began in the 1950s" (National Geographic, 2018). "Seabirds, which comprise more than 300 species worldwide, are declining faster than any other group of birds. Populations of oceanic seabirds are most threatened" (National Fish and Wildlife Foundation, 2018). Millions of birds die every year due to *Urban Wildlife Conflicts* such as injury from fishing (hooks, nets, and lines); human cruelty; illegal shootings; habitat disruption; starvation; pollution; and climate change-induced hazards including algae bloom toxicity. Our two specialty veterinary hospitals in Los Angeles and San Francisco Bay-Delta rescue and rehabilitate native aquatic birds, and release them back into the wild. This daily rescue and rehabilitation work maintains and develops our facilities and our team's skills to enable us to respond rapidly to crisis events when they occur.

2. Wildlife Emergency Response and Preparedness Services

We respond to the unpredictable-but-periodic crises that inevitably occur around the world. Since 1971, we have led wildlife rescue efforts in over 225 spills on six continents. Global companies that manage petroleum products proactively engage us to provide planning, training and emergency response. Preparedness services include wildlife crisis response planning, and training for first-responders. Emergency response services include crisis and incident management, wildlife hazing (to deter wildlife from entering contaminated areas), wildlife capture and rehabilitation, volunteer recruitment, personnel oversight, and documentation services to meet regulatory requirements. Our worldwide clients include Alaska Clean Seas (providing services for BP Exploration Alaska, et al), Alyeska Pipeline Services (providing services for BP Pipelines, Unocal Pipeline, et al), ExxonMobil, and ConocoPhillips, among others.

3. Research and Innovation

We conduct rigorous scientific research devoted to improving animal care and clinical outcomes for the animals that depend on us for life-saving treatment, whether they are injured by an oil spill, Urban Wildlife Conflict, or other cause. Our long-standing experience and proven results have been integral to establishing the standards, protocols, and best practices for the field of wildlife emergency response. We continually assess new techniques and protocols. We conduct clinical trials to compare different treatments, investigate the pathology of the clinical problems our patients face, and perform post-release studies to evaluate the success of our rehabilitative work.

4. Outreach and Education

Education of the public, of energy industry workers, of emergency first responders, and of the next generation of youth is essential to provide better long-term outcomes for people and for wildlife. We use an expanding variety of in-person and virtual trainings, digital media, and live events to raise awareness, share best practices, engender hope, and give people *actionable steps* to minimize human impact.

International Bird Rescue Primary Communications Platforms:

- Facebook: 80,000+ followers: <https://www.facebook.com/intlbirdrescue>
- Twitter: 12,500+ followers: <https://twitter.com/IntBirdRescue>
- Instagram: 3,500+ followers: <https://www.instagram.com/intbirdrescue/>
- YouTube: 400_ subscribers: <https://www.youtube.com/user/SavingSeabirds>
- Bird Rescue News (biweekly) and The Aviary (quarterly): newsletters to 9000+ unique addresses

2018 Year in Review



*Rescuing, rehabilitating, and releasing
3,676 birds injured by human impact*



*Ongoing scientific research and field
studies, including Blue-banded Pelican
monitoring and testing of improved
treatment protocols*



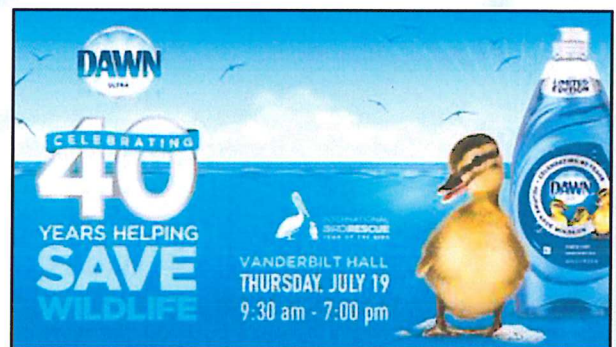
*Inspiring the public through education,
community bird walks, and a new educational
pilot program for 300 K-8 students*



*Sharing best practices with the emergency
response and wildlife rescue fields*



Social media "shout-outs" to generous supporters



*Collaborating with sponsors and partners
to promote shared values*