

**MONTEREY COUNTY FISH AND GAME ADVISORY COMMISSION**

<b>MEETING: 4/12/2022</b>	<b>AGENDA NO. 3</b>
<b>TITLE: Reconsider Propagation Grant Applications Received Incomplete or Late</b>	
<b>DEPARTMENT: PUBLIC WORKS, FACILITIES, &amp; PARKS</b>	

RECOMMENDATION:

It is recommended that the Fish and Game Advisory Commission reconsider four applications received or submitted after the closing period for the Fiscal Year (FY) 21-2022 propagation grant program funding.

SUMMARY/DISCUSSION:

At the request of the Monterey County Fish and Game Advisory Commission Chair, Staff compiled information for the late submissions to the FY 2021-22 propagation grant program and is now bringing them forward to the full Commission for reconsideration. Three of the four applications (O'Neill Sea Odyssey/Joseph Tognetti/Gaines & Associates) were submitted either after the published closing time for the second application period or did not meet the submittal requirements. Notifications were published in local newspapers with the process and closing date clearly stated. The application package also detailed the deadline and submittal instructions. None of these applicants expressed an exigent circumstance. Receipt of the fourth application (Monterey Bay Salmon and Trout) by the submittal deadline was confirmed.

Accordingly, Staff recommends that the Commission: 1) Not recommend for grant funding in FY 2021-22 the three project applications that did not meet the submittal criteria and encourage these applicants to apply for grant funding within the standard application process and timeline in FY 2022-23, and 2) Consider the Monterey Bay Salmon and Trout project application for recommendation to the Board of Supervisors for a FY 2021-22 funding award.

OTHER AGENCY INVOLVEMENT:

None.

FINANCING:

Including the funding awards previously forwarded for Board consideration, the projected available propagation grant fund balance for FY 2021-22 is \$6,765.

Prepared by: Jon Anthony, Park Ranger Supervisor

Reviewed by: Bryan Flores, Chief of Parks

Approved by: Randell Ishii, MS, PE, TE, PTOE, Director of Public Works, Facilities, & Parks

DocuSigned by:  
  
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Attachment:

Attachment A: Application Summary & Applications

Applicant Name	Project Description	Amount Requested	Emergency Request Stated	Notes
O'Neill Sea Odyssey	Transport student in an ocean-going education program	\$ 3,300	No	Late Submittal; noted incomplete in initial review
Joseph Tognetti	Band-Tailed Pigeon Habitat Enhancement	\$ 3000-5000	No	Late Submittal; noted incomplete in initial review
Gaines & Associates	Education, Outreach, and Reporting of wildlife and hunting-related policy FY 2021/2022	\$ 2,500	No	Late Submittal-Received in March 2022
Monterey Bay Salmon & Trout	Chinook Salmon Enhancement Efforts in Monterey Bay	\$ 3,000		Submittal receipt verified.

**MONTEREY COUNTY FISH AND GAME ADVISORY COMMISSION  
FUNDING REQUEST APPLICATION**

**Applicant: O'Neill Sea Odyssey**  
**Project Title: Transportation for Monterey County Ocean Stewards**  
**Grant Funds Being requested for the Fiscal Year 2021/2022: \$3,300**

**I: GENERAL INFORMATION**

**A. Applicant Information**

Name of Agency: O'Neill Sea Odyssey  
Name of Contact, Person Submitting Application: Tracey Weiss, Executive Director  
Address: 2222 East Cliff Drive, Suite 222, Santa Cruz CA 95062  
Telephone: (831) 465-9390 Fax: (831) 462-9188  
Email: [tweiss@oneillseaodyssey.org](mailto:tweiss@oneillseaodyssey.org)

**B. Prior Grant Applications**

Is this your first County Fish and Game Grant Application? Yes \_\_\_ No **XX**

If no, what was the most recent fiscal year in which you received fish and game grant funds and in what amount? OSO received \$2,500 in Fiscal Year 2019/2020.

**C. Agency / Organization Background**

O'Neill Sea Odyssey (OSO) was founded 1996 when a living classroom was created on a 65-foot catamaran sailing the Monterey Bay National Marine Sanctuary where 4<sup>th</sup> to 6<sup>th</sup> grade students engage in hands-on lessons about the marine habitat, its inhabitants, and the importance of stewardship of the sea and watersheds. The program is conducted on the catamaran with follow-up lessons at the shore side education center at the Santa Cruz Harbor. The program is free of charge, but participating classes earn their trip by first completing an approved community service project such as the incubation of steelhead eggs, restoring wetlands, or restoring sand dunes. Each class received ocean science curriculum for use in its own classroom.

The program includes three onboard learning station: navigation, including compasses and triangulation, marine ecology, including the kept forest, marine mammals, and human impacts on the Monterey Bay, and marine biology, specifically examining and learning about plankton. These stations are complemented by three stations at an education center on land: navigation including reading and plotting navigational charts, marine ecology, covering the water cycle, watersheds, and ocean pollution from land-based activities, and marine biology where the plankton samples collected on the boat are examined further using microscopes. The program teaches math and science using ocean concepts and has measurable environmental stewardship outcomes. Teachers are provided with additional lessons they can implement at school before and after the trip.

In 2005 the OSO program received the California Governor award in Economic and Environmental Leadership and in 2005 it received the US Senator Barbara Boxer's Conservation Champion award. Most of OSO's work involves the core program, which is a one-day field trip supplemented by standards-based marine science curriculum for participating classes to use before and after the field trip. In addition, the Adam Webster Memorial Fund, Founded by Tom & Judy Webster when their son Adam passed away in 1999, serves cognitively and physically challenged individuals. In August 2009, OSO's Adam Webster Memorial Fund received the Community Spinners award from Special Parents Information Network for its work with special needs youth. This established and successful program is has continued to provide virtual programming

during the past 18-months. We are now planning to return to in-person programming and are respectfully requesting funding from the Monterey County Fish and Game Commission to support bus transportation for 6 classes from Monterey County to participate in the OSO program in 2022.

## **II: PROJECT DESCRIPTION**

### **A. Detailed Description**

*Bus Transportation Funding:* Transportation for Environmental Stewards will support bus transportation for approximately 6 Monterey County school classes, or up to 120 youth, to participate in the O'Neill Sea Odyssey (OSO) ocean-going science and environment education program. Without transportation funding many schools cannot participate in OSO's free program. OSO began providing bus transportation grants to lower income schools in 2006 when a donor heard that some schools could not participate in our free field trip because they could not afford a bus to get to OSO at the Santa Cruz Harbor. She provided grants to OSO in the amount of \$7,500 to \$15,000 until 2010 when her financial circumstances changed.

Since 2010, an increasing number of teachers whose classes participate in the OSO program have requested transportation assistance due to school budget cuts and the economy. Having transportation funding is also effective in the recruitment of classes from lower income schools by removing a barrier to ocean-going, environmental learning. The pandemic has impacted students, schools and families substantially. Providing students with opportunities to get outside and return to normalcy in and out of the classroom is critical to their academic and social and emotional health. Looking forward, OSO Projects it will spend \$60,000 towards supporting bus transportation in 2022. O'Neill Sea Odyssey will produce for the Fish and Game Commission a list of school classes that benefited, including their locations, dates of use, community service project performed and cost of the bus.

*Program:* O'Neill Sea Odyssey (OSO) is an educational program that uses the ocean as a classroom and laboratory, with environmental stewardship outcomes. It engaged 4<sup>th</sup> to 6<sup>th</sup> grade youth with a hands-on science education field trip on a 65-foot catamaran on Monterey Bay and in a shore-side education center, in addition to ocean science curriculum provided for the classroom. It is free, and each class completes a community service project. *Our mission to provide a hands-on education experience to encourage the protection and preservation of our living sea and communities.*

### **B. Objective**

The objective of the Transportation of Monterey County Ocean Stewards project is to enable students to participate in an ocean-going education program using the science of Monterey Bay and its near-shore wildlife to learn conservation of the ocean and the watersheds that flow to it. The O'Neill Sea Odyssey outcomes are that 1) students will increase their awareness of threats to watersheds and the ocean, and 2) students are more likely to protect Monterey Bay and the ocean, and 3) students will advocate ocean and watershed stewardship to their families and friends. These grant funds will directly support 120 youth from 6 different classes with funding to access critical ocean education programming to empower the next generation with hands-on learning.

*Program Evaluation:* OSO Contracts with Applied Survey Research (ASR) to conduct an annual analysis of its short-term impact considering the three outcomes listed above. The OSO Student Survey for the year ending in June 30, 2019 showed that the program was effective in promoting substantial increases in students' environmental awareness. Before participating, an average of 59% of students agreed with the survey questions overall. After attending the program, this percentage increased to 83%. When student surveys were divided by income level, results showed that all groups of students increased their environmental knowledge after attending the program. Students from lower- and middle-income groups had lower overall levels of agreement before the program started than the higher income groups.

### **C. Project Procedures and Methodology**

#### **How Program Works:**

**Field Trip:** Each class of 30 is broken into three groups, who rotate through three learning stations on the boat and in the education center in the areas of navigation (mathematics), marine biology, and ecology. The program begins when the group arrives at OSO. They are given an introduction and the expected outcomes. They put on lifejackets, board the catamaran, and get a safety talk. The three-station educational format begins once the boat is underway, with the class broken into three groups.

*Station 1: Navigation:* Youth learn triangulation, line-of-sight and use of hand-bearing compasses, course plotting, and other elements. Students record the three points bearing identifying their location on the water. On shore, students use data and bearings gathered on boat to plot the boat's location on a navigational chart. Students learn about bathymetry, magnetic north vs. true north, and triangulation.

*Station 2: Ecology:* The youth learn about the Monterey Bay Sanctuary's marine life and habitats, specifically the kelp forest and the role of California Sea Otters. Discussion includes kelp forest, marine mammals, human influence on related ecosystems, and student's ideas for conservation. Students are introduced to a decomposition chart outlining how long different products take to biodegrade, or not. On shore, students will observe and participate in the watershed model using squirt bottles with water to "make it rain" and watch water flow through the model of a landscape, learning watershed protection, water quality, waste reduction, and human impacts. The watershed's relationship to the ocean including the kelp forest habitat discussed on the boat, is reviewed. Students are taught about ocean gyres and the movement of solid waste through them using a gyres chart developed by OSO based on a global representation of gyres. A water sample from the Great Pacific Gyre containing plastic bits is shared with the students. In the final discussion students learn about the impact of marine debris on the ocean environment, which in turn support life on earth through the production of oxygen, weather and food, among other essentials. Students learn behaviors to reduce marine debris including recycling, composting, re-use, cleaning up and appropriately disposing debris, and rejection of single use products.

*Station 3 Marine Biology:* Students identify types of phytoplankton and zooplankton collected from the Monterey Bay. Students record water data for entry into the database at the education center. The group then returns to the education center where students take the samples gathered on the boat and observe plankton on a large television monitor. Discussion includes the life cycles of plankton, their role in the food web, and the unique chemical and physical balance that helps maintain life in the sea.

*In-Class Curriculum:* OSO began to integrate in-class curriculum into its website in 2022. Since teachers and schools have used OSO Curricula to design and implement comprehensive ocean science units into their regular classroom lesson plans. Both the field trip and in-class curriculum are aligned with state and national education standards.

*Bus Transportation:* Teachers whose classes are accepted to OSO and need bus transportation assistance apply to OSO for bus transportation grants under the "Transportation Scholarships" section of the OSO's website. The teacher is instructed by OSO's Education Coordinator to select the most affordable available bus and OSO will reimburse the school district. OSO has been successful at encouraging classes from the same school to come on the same day and share a bus, saving money. The criteria OSO uses to determine the distribution of "bus scholarships" are a) schools with the highest percentage of free-reduced lunch subsidies have top priority, and b) schools with logistical challenges in arranging transportation have the next priority.

*Bus Transportation Timing:* Classes apply for participation and are scheduled to attend during the 2022 school year. Classes would occur between March 1 and November 30. If a decision is made to approve this request, the funds would be expended beginning with classes served March 2022 to December 31, 2022

The past 18 months has required the OSO program to pivot away from our in-person program. The OSO virtual program successfully served over 10,000 students during the 2020-2021 academic year. We are pleased that 2022 will bring a return to in-person learning. We are looking forward to welcoming schools from Seaside, Salinas, King City, Soledad, Monterey and Marina. Funding from the Monterey County Fish and Game Commission would be matched by funds raised from OSO individual donors, and from a grant from California's Coastal Conservancy. We will provide a match of \$3,300 per class, totaling \$16,500. At the completion of the grant cycle, we will provide a report to the Fish and Game Commission outlining the classes and number of students that had been directly impacted by any funds received.

**III: SUMMARY OF PROJECT COST ESTIMATE**

a) Educational and Instructional Costs**	\$3,300
b) Services, Supplies and Materials	\$0
c) Equipment Purchase	\$0
d) Construction, Maintenance, Improvement and Option of Fish and Game Facilities	\$0

1. Total Monterey County Fish and Game Grant Project Request <i>(Total of Items a,b,c &amp; d above)</i>	\$3,300
2. Non-County Fish and Game Project Funding	\$16,500
3. Estimated Project Cost <i>(Totals of items 1 &amp; 2 above)</i>	\$19,800

**Note: The Applicant is encouraged to provide adequate justification and sufficient cost estimate detail on items a, b, c, and d above to allow the Fish and Game Commissioners to fully understand the proposed project and how it meets the project criteria under Section 13103 of the Fish and Game Code.**

\*\*Bus Costs average between \$550 and \$750 per trip. Fortunately, in the past working with schools and maximizing our efforts we were able to serve 6 classes with prior grant funding. We intend to continue maximizing our efforts and will serve as many schools as we can with any grant funds awarded from the Monterey County Fish and Game Commission. Final costs are dependent upon distance traveled by each school.

PLEASE RETURN COMPLETED APPLICATION BY 5:00 P.M., FRIDAY, JANUARY 14, 2022

  
\_\_\_\_\_  
Applicants Signature

\_\_\_\_\_  
January 14, 2022  
Date



MONTEREY COUNTY FISH AND GAME ADVISORY COMMISSION  
FUNDING REQUEST APPLICATION

APPLICANT: Joseph Tognetti  
PROJECT TITLE: HELPING BAND-TAILED Pigeons Through  
GRANT FUNDS BEING REQUESTED FOR FISCAL YEAR 2021/2022 \$ 3000-5000

I. GENERAL INFORMATION

A. APPLICANT NAME (AGENCY/ORGANIZATION):

Joe Tognetti A FRIEND TO THE WILDLIFE

NAME OF CONTACT PERSON SUBMITTING: Joe Tognetti

ADDRESS: P.O. BOX 114 LOCKWOOD CALIF 93937

TELEPHONE: 396-6149 FAX: ---

EMAIL: ---

B. PRIOR GRANT APPLICATIONS:

1. Is this your first County Fish and Game grant application? Yes \_\_\_ No X  
If no, what was the most recent fiscal year in which you received fish and game grant funds and in what amount? (For example FY15/16) \_\_\_\_\_
2. If no, and you were awarded grant funds for the previous fiscal year (FY 2018/19) and you are applying for grant funds for this fiscal year (FY 21/22), and if your project is not complete by **January 14, 2022**, please submit a brief letter along with your application to the Commission explaining why the delay has occurred, when you expect to complete the project, and if applicable, request an extension of the project period. The Commission reserves the right to deny a future project application if it determines that the previous/current project has not been pursued with due diligence and timeliness.

C. APPLICANT/AGENCY/ORGANIZATION BACKGROUND:

Describe previous work by your group related to this resource protection effort.  
Is this an ongoing or a new effort? (Use additional sheets if necessary.)

I AM ~~STARTING~~ clearing weeds and brush and letting the oak trees and palm trees grow now where there weren't any before.

II. PROJECT DESCRIPTION

A. Detailed project description on the work to be done with this grant. (Use additional sheet if necessary.)

clearing Broom-brush and am putting steel-screens on young oaks growing from a seed. When the oaks finally are old enough to make acorns for the pigeons.

B. Objective:

Please indicate how the expenditure of these funds would enhance fishing, wildlife, youth and educational activities within Monterey County. (Use additional sheets if necessary.)

It is very educational to watch an area once brush turn into healthy oaks growing from an acorn. Also to watch the growing flock of pidgeon returnery now for 4 years. It teaches kids what was once a brush-patch turn in a shoreland patch, then into miners lettuce and natural grasses.



C. Project Procedures and Methodology: *It is alot of hard work spray the Broom removing it a year later or cutting it green and removing the roots it also show people how to properly burn on burn days.*

III. SUMMARY OF PROJECT COST ESTIMATE

a) Educational and Instructional costs  
(Example: Costs allowed under Subsection (a) of Section 13103 of the Fish and Game Code) *\$ 300 per month*

b) Services, Supplies and Materials  
(Example: Costs allowed under Subsection (b), (c), (d), (e), (g), (h), and (i) of Section 13103 of the Fish and Game Code) *\$ fuel that is eaten by the penguins and other animals*

c) Equipment Purchase  
(Example: Purchase of single purpose equipment items allowed under Subsection (f) and (g) of Section 13013 of the Fish and Game Code) *\$ 500 weed spray gas etc to remove brush*

d) Construction, Maintenance, Improvement and Operation of Fish and Game Facilities  
(Example: Costs allowed under Subsection (d), (e) and (f) of Section 13103 of the Fish and Game Code) *\$ 500 removing some of the stunk trees or trees of heaven*

1) County Fish and Game Grant Project Request  
(Total of Items a, b, c and d above) *\$ 3,000 - 5,000*

2) Non-County Fish and Game Project Funding  
(Applicant may be asked to identify the type, amount and source of these non-county funds as they relate to the project) *\$ X*

3) Estimated Project Cost  
(Total of Items 1 and 2 above) *\$ 3,000 - 5,000*

**Note: The applicant is encouraged to provide adequate justification and sufficient cost estimate detail on Items a, b, c, and d above to allow the Fish and Game Commissioners to fully understand the proposed project and how it meets the project criteria under Section 13103 of the Fish and Game Code.**

*only the penguins*

PLEASE RETURN COMPLETED APPLICATION BY 5:00 P.M., FRIDAY, JANUARY 14, 2022

*July Toynette*  
Applicant's Signature

1-14-2022  
Date

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**COMMISSION USE ONLY**

**DATE RECEIVED BY:** \_\_\_\_\_

RECOMMENDATION: APPROVED: \_\_\_\_\_ DENIED: \_\_\_\_\_

RECOMMENDED FUNDING AMOUNT: \$ \_\_\_\_\_

NOTES & COMMENTS: \_\_\_\_\_  
\_\_\_\_\_

If awarded funds, are you willing to return to a future 2022 Fish and Game Advisory Commission meeting to provide a presentation on how your funds were implemented?  
YES \_\_\_\_\_, NO \_\_\_\_\_.



**MONTEREY COUNTY FISH AND GAME ADVISORY COMMISSION  
FUNDING REQUEST APPLICATION**

**APPLICANT:** GAINES & ASSOCIATES

**PROJECT TITLE:** Gaines & Associates - Education, Outreach and Reporting - Wildlife and Hunting Related Policy

**GRANT FUNDS BEING REQUESTED FOR FISCAL YEAR 2021/2022 \$ 2,500**

**I. GENERAL INFORMATION**

A. APPLICANT NAME (AGENCY/ORGANIZATION):

GAINES & ASSOCIATES

NAME OF CONTACT PERSON SUBMITTING: Bill Gaines

ADDRESS: P.O. Box 1481, Shingle Springs, CA 95682

TELEPHONE: (916) 337-9031 FAX: N/A

EMAIL: bill@gainesandassociates.net

B. PRIOR GRANT APPLICATIONS:

1. Is this your first County Fish and Game grant application? Yes \_\_\_ No X

If no, what was the most recent fiscal year in which you received fish and game grant funds and in what amount? (For example FY15/16) FY 2020/2021

2. If no, and you were awarded grant funds for the previous fiscal year (FY 2018/19) and you are applying for grant funds for this fiscal year (FY 21/22), and if your project is not complete by **January 14, 2022**, please submit a brief letter along with your application to the Commission explaining why the delay has occurred, when you expect to complete the project, and if applicable, request an extension of the project period. The Commission reserves the right to deny a future project application if it determines that the previous/current project has not been pursued with due diligence and timeliness.

C. APPLICANT/AGENCY/ORGANIZATION BACKGROUND:

Describe previous work by your group related to this resource protection effort.

Is this an ongoing or a new effort? (Use additional sheets if necessary.)

This is an on-going effort. \$2,500 was awarded to Gaines & Associates for education, outreach and reporting on wildlife and hunting related policy in FY 2021/2022.

**II. PROJECT DESCRIPTION**

A. Detailed project description on the work to be done with this grant. (Use additional sheet if necessary.)

See attached

B. Objective:

Please indicate how the expenditure of these funds would enhance fishing, wildlife, youth and educational activities within Monterey County. (Use additional sheets if necessary.)

See attached

C. Project Procedures and Methodology:

Explain in detail your approach and plan of action. This should provide both an organizational framework, project timing on the use of funds, frame and a logical sequence of events, which will ensure the completion of your project. (Use additional sheets if necessary.)

See attached

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III. SUMMARY OF PROJECT COST ESTIMATE

a) Educational and Instructional costs  
 (Example: Costs allowed under Subsection (a) of Section 13103 of the Fish and Game Code) \$ 2,500

b) Services, Supplies and Materials  
 (Example: Costs allowed under Subsection (b), (c), (d), (e), (g), (h), and (i) of Section 13103 of the Fish and Game Code) \$ \_\_\_\_\_

c) Equipment Purchase  
 (Example: Purchase of single purpose equipment items allowed under Subsection (f) and (g) of Section 13013 of the Fish and Game Code) \$ \_\_\_\_\_

d) Construction, Maintenance, Improvement and Operation of Fish and Game Facilities  
 (Example: Costs allowed under Subsection (d), (e) and (f) of Section 13103 of the Fish and Game Code) \$ \_\_\_\_\_

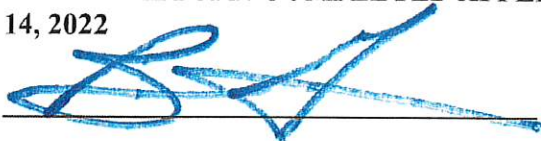
**1) County Fish and Game Grant Project Request**  
**(Total of Items a, b, c and d above)** \$ 2,500

2) Non-County Fish and Game Project Funding  
 (Applicant may be asked to identify the type, amount and source of these non-county funds as they relate to the project) \$ \_\_\_\_\_

3) Estimated Project Cost  
 (Total of Items 1 and 2 above) \$ 2,500

**Note: The applicant is encouraged to provide adequate justification and sufficient cost estimate detail on Items a, b, c, and d above to allow the Fish and Game Commissioners to fully understand the proposed project and how it meets the project criteria under Section 13103 of the Fish and Game Code.**

**PLEASE RETURN COMPLETED APPLICATION BY 5:00 P.M., FRIDAY, JANUARY 14, 2022**



March 6, 2022

**Applicant's Signature**

**Date**

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**COMMISSION USE ONLY**

**DATE RECEIVED BY:** \_\_\_\_\_

RECOMMENDATION: APPROVED: \_\_\_\_\_ DENIED: \_\_\_\_\_

RECOMMENDED FUNDING AMOUNT: \$ \_\_\_\_\_

NOTES & COMMENTS: \_\_\_\_\_

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If awarded funds, are you willing to return to a future 2022 Fish and Game Advisory Commission meeting to provide a presentation on how your funds were implemented?  
YES , NO .

**MONTEREY COUNTY FISH AND GAME ADVISORY COMMISSION  
FY 2021/2022 FUNDING REQUEST APPLICATION**

**GAINES & ASSOCIATES**

*Attachment*

**I. GENERAL INFORMATION**

**II. PROJECT DESCRIPTION**

**A. Detailed project description on the work to be done with this grant.**

Policy decisions in California have the greatest and most immediate impact on wildlife management, hunting opportunity and the legal ability to purchase and possess sporting arms and munitions in Monterey County and throughout our state. Recognizing this, Gaines & Associates is continually working to educate Legislators at our State Capitol, Capitol staff, State Fish and Game Commissioners, State Commission staff, California Department of Fish and Wildlife (CDFW) leadership and other decision-makers who define wildlife management, hunting and sporting arms related policy to provide them with greater understanding and appreciation for our hunting and shooting traditions. These efforts include, but are not limited to: 1) the importance of annual hunting license and associated permit revenues provided to CDFW which fund the restoration and maintenance of many of California's public wildlife habitats, other CDFW wildlife habitat projects, research and enforcement; the wildlife habitats restored and maintained on privately owned and managed lands with hunting as the landowner's primary incentive; and the tremendous additional habitat projects and research paid for and performed by nonprofit wildlife conservation organizations whose memberships are primarily made up of hunters; 2) the substantial additional annual revenues generated back to CDFW via the sale of firearms, ammunition and other hunting related goods pursuant to the federal Pittman-Robertson Act (estimated at \$35M in 2022); 3) Educating lawmakers on the safe and sane traditional use of sporting arms by both hunters and recreational shooters; and 4) the tremendous economic stimulus of hunter spending and hunting related jobs in Monterey County and in every Legislative District throughout the state.

With roughly 80% of our State Legislators representing urban districts and having little or no background in hunting or shooting, educating these important policymakers on the importance of hunting and hunting related dollars to the health of our wildlife and their habitats, and the safe and sane traditional use of sporting arms is critical to the future of hunting and shooting in Monterey County and all of California. Further, with term-limits turning over a substantial portion of our State Legislature every two years, this educational process is not only a critical, but never-ending effort of Gaines & Associates.

This outreach and education is performed by Gaines & Associates via a variety of educational materials that we regularly create and distribute throughout the Capitol and beyond – both in hardcopy and via electronic files. In addition, we stay in continual contact with Legislators and Capitol staff, State Fish and Game Commissioners and staff, California Department of Fish and Wildlife leadership and other decision-makers via face-to-face meetings, zoom meetings, phone calls and electronic email exchanges.

On the general public side, Gaines & Associates works hard to keep the Monterey County Fish

and Game Advisory Commission and others who care deeply about a strong future for wildlife conservation and our outdoor recreational opportunity in Monterey County and throughout California by educating them with “real time” reporting via our “Gaines Reports” and other hard-copy and electronic outreach.

Gaines & Associates also facilitates critically needed coordination and communication between conservation groups and resource agencies via Gaines & Associates’ role as “chair” of the Hunting and Conservation Coalition (HCC) which includes leadership from all active wildlife conservation organizations in California and leadership from CDFW and the State Fish and Game Commission. The full HCC meets quarterly, with subcommittee meetings held on an “as needed” basis.

The considerable education and outreach Gaines & Associates continually does with all policymakers, their staff, the MCFGAC and other interested parties comes at a cost.

#### **B. Objective:**

**Please indicate how the expenditure of these funds would enhance fishing, wildlife, and youth and educational activities within Monterey County.**

Decisions made at the State Legislature, State Fish and Game Commission, CDFW, other resource agencies, and other levels impact all counties throughout the state – but most notably Monterey County due to the substantial outdoor opportunity it provides. Because of the tremendous public hunting, fishing, wildlife, youth, and educational opportunities Monterey County provides, Monterey County would suffer more than its fair share of impact should our hunting and fishing opportunity be diminished or fully prohibited, or our ability to purchase and possess sporting arms be impacted or fully prohibited as a result of decisions made at the state level.

With the use of these grant funds and Gaines & Associates associated educational efforts, we will have better informed policy-makers in our State Legislature, State Fish and Game Commission, CDFW and other decision-making bodies – resulting not only in a substantially reduced threat of proposals and/or policy decisions which negatively impact hunting and hunting opportunity and the purchase and possession of sporting arms, but also a greater likelihood of proposals and/or policy decisions which actually enhance and promote these traditions in Monterey County.

Expenditure of these grant funds will greatly facilitate Gaines & Associates’ ability to cover the following tangible expenses Gaines & Associates currently pays “out-of-pocket” for materials, equipment, and technical ability.

#### **C. Project Procedures and Methodology:**

**Explain in detail your approach and plan of action. This should provide both an organizational framework, project timing on the use of funds, frame and a logical sequence of events which will ensure the completion of your project.**

The educational and outreach effort will be personally led by Gaines & Associates’ Principal, Bill Gaines with the assistance of associates and other personnel who work regularly with Mr. Gaines on political advocacy and educational outreach in the areas of wildlife conservation, hunting opportunity, and firearms policy. See above for additional detail regarding approach and plan of action. As also noted above, this is an on-going effort.



RECEIVED  
MAR 09 2022  
PUBLIC WORKS



MONTEREY COUNTY FISH AND GAME ADVISORY COMMISSION  
FUNDING REQUEST APPLICATION

APPLICANT: Monterey Bay Salmon & Trout Project  
PROJECT TITLE: \_\_\_\_\_  
GRANT FUNDS BEING REQUESTED FOR FISCAL YEAR 2021/2022 \$ \$3,000

I. GENERAL INFORMATION

A. APPLICANT NAME (AGENCY/ORGANIZATION):

Monterey Bay Salmon & Trout Project  
NAME OF CONTACT PERSON SUBMITTING: Ben J. Harris  
ADDRESS: 101 Cooper St., Santa Cruz, CA 95060  
TELEPHONE: 831-531-2051 FAX: N/A  
EMAIL: Director@mbstp.org

B. PRIOR GRANT APPLICATIONS:

1. Is this your first County Fish and Game grant application? Yes \_\_\_ No X  
If no, what was the most recent fiscal year in which you received fish and game grant funds and in what amount? (For example  
FY15/16) FY 2020/21
2. If no, and you were awarded grant funds for the previous fiscal year (FY 2018/19) and you are applying for grant funds for this fiscal year (FY 21/22), and if your project is not complete by **January 14, 2022**, please submit a brief letter along with your application to the Commission explaining why the delay has occurred, when you expect to complete the project, and if applicable, request an extension of the project period. The Commission reserves the right to deny a future project application if it determines that the previous/current project has not been pursued with due diligence and timeliness.

C. APPLICANT/AGENCY/ORGANIZATION BACKGROUND:

MBSTP has engaged in chinook salmon enhancement efforts in Monterey Bay since the early 1990s's. MBSTP has released over 2 million chinook salmon smolts to Monterey Bay over this time period. This ongoing work is part of a state-managed (CDFW) fisheries supplementation effort designed to increase the abundance of adult chinook salmon in California's coastal waters. This program helps mitigate the pervasive spawning habitat degradation and loss of migratory corridors encountered by returning adult salmon in the Bay-Delta and Central Valley regions. This in turn helps to support fisheries and coastal communities which have been impacted by declining salmon runs throughout California. Chinook salmon smolts released from state hatcheries routinely suffer a mortality rate in excess of 90% due to suboptimal habitat and migration conditions.

Releasing fish directly to the coastal environment drastically improves survival to adulthood, providing an increased benefit for sport and commercial salmon fisheries of Monterey Bay. Engaging in coastal releases of chinook salmon smolts is a way to increase the efficacy of state fisheries enhancement efforts, with the benefit being directly channeled toward coastal communities, businesses, and residents of Monterey County.

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## II. PROJECT DESCRIPTION

- A. Detailed project description on the work to be done with this grant. (Use additional sheet if necessary.)

The MBSTP chinook salmon enhancement program will release 160,000 chinook salmon smolts from Monterey Harbor into Monterey Bay. This work is undertaken as part of a state (CDFW) managed program designed to enhance California's state and recreational salmon fisheries. MBSTP proposes to offload hatchery-raised chinook salmon smolts from CDFW hatchery transport trucks directly into Monterey Harbor. These fish will be sourced from the CDFW-managed Mokelumne River Fish Hatchery. After transport, fish will be offloaded directly to the water from Municipal Pier #2 within Monterey Harbor. Smolts will then live in the open ocean for at least two years before reaching adulthood and harvestable size. The release of smolts directly into Monterey Bay results in increased returns of adult chinook salmon to the area, thus enhancing salmon fishing in Monterey Bay. **Work performed under this grant will include the tagging of chinook salmon smolts with Coded Wire Tags (CWTs) at CDFW's Mokelumne Fish Hatchery. This is a monitoring requirement for all fish released under the fisheries enhancement program. Publicly-available CWT data from this program will provide information on the direct benefit derived by coastal salmon fisheries and residents of Monterey County. MBSTP will make available to the Commission the most recent reports on CWT capture data in California state and recreational fisheries.**

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- B. Objective:  
Please indicate how the expenditure of these funds would enhance fishing, wildlife, youth and educational activities within Monterey County. (Use additional sheets if necessary.)

The MBSTP chinook salmon fisheries enhancement program directly benefits fishing activities in Monterey County by increasing the number of adult chinook salmon available for harvest in Monterey Bay sport and commercial fisheries. The sole objective of this program is to supply a higher number of chinook salmon for harvest in the Monterey Bay region, in turn providing a direct benefit to coastal communities and local residents. This program also aids MBSTP in other local salmonid recovery efforts by raising awareness about local conservation issues and measures taken to protect and support the natural resources (particularly trout and salmon) of the greater Monterey Bay region.

The benefits derived from coastal salmon releases are not limited to anglers alone. Harbor businesses and restaurants, boat launching facilities and marine hardware/tackle suppliers all rely upon an active and regular fishing and boating community. The public of Monterey County (even those who do not fish for salmon) will derive benefit from this program through the economic stimulation from additional boating activity out of Monterey Yacht Harbor and the associated increase in revenue to local businesses. Business owners (particularly restaurants

and seafood suppliers) stand to benefit from a more reliable and productive chinook salmon fishing season south of the Golden Gate, in addition to the potential increase in business activity from salmon fishermen. Increases in ex-vessel revenue and catch-per-unit effort help to maintain stability in the commercial fishing industry, in turn supporting continued enhancement and recovery programs such as this one.

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C. Project Procedures and Methodology:

Explain in detail your approach and plan of action. This should provide both an organizational framework, project timing on the use of funds, frame and a logical sequence of events, which will ensure the completion of your project. (Use additional sheets if necessary.)

**MBSTP 2022 chinook salmon fisheries enhancement program plan of action:**

MBSTP proposes to release 160,000 chinook salmon smolts into Monterey Bay in May/June 2022. Tagging of smolts takes place at a CDFW-run hatchery in March or April. The material cost of CWT tagging is approximately \$0.11/fish. Monitoring for this program is under the purview of the California Coastal Monitoring Program, including commercial and recreational port sampling at harbors and marinas throughout the state. Each individual fish is identifiable to a specific release group/location based off of the tag it receives at the hatchery. Fish will be transported by truck from the CDFW hatchery to Monterey Harbor between late May and early June. Fish will not be held or acclimated in a pen, but will be immediately and directly released into Monterey Bay. Timing of all hatchery and release activities is necessarily dependent upon growth rate of fish and other natural conditions (inclement weather, etc.).

**Program cost details/funding allocation:**

Action/Item	Cost	MBSTP/partner agency cost share	MCFG cost share
Rear 160,000 chinook salmon smolts from egg→smolt stage	\$16,236	\$16,236	\$0
Tag 160,000 chinook salmon with coded wire tags (CWT)	\$17,600	\$14,600	\$3,000
Transport, hold and release 160,000 chinook salmon smolts from Monterey Harbor	\$800	\$800	\$0
<b>TOTAL</b>	<b>\$34,646</b>	<b>\$31,636</b>	<b>\$3,000</b>

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III. SUMMARY OF PROJECT COST ESTIMATE

a) Educational and Instructional costs  
(Example: Costs allowed under Subsection (a) of Section 13103 of the Fish and Game Code) \$ 0

b) Services, Supplies and Materials  
(Example: Costs allowed under Subsection (b), (c), (d), (e), (g), (h), and (i) of Section 13103 of the Fish and Game Code) \$ 3,000

c) Equipment Purchase  
(Example: Purchase of single purpose equipment items allowed under Subsection (f) and (g) of Section 13013 of the Fish and Game Code) \$ 0

d) Construction, Maintenance, Improvement and Operation of Fish and Game Facilities  
(Example: Costs allowed under Subsection (d), (e) and (f) of Section 13103 of the Fish and Game Code) \$ 0

<b>1) County Fish and Game Grant Project Request (Total of Items a, b, c and d above)</b>	\$ <u>3,000</u>
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2) Non-County Fish and Game Project Funding  
(Applicant may be asked to identify the type, amount and source of these non-county funds as they relate to the project) \$ \_\_\_\_\_

3) Estimated Project Cost  
(Total of Items 1 and 2 above) \$ \_\_\_\_\_

<b>Note: The applicant is encouraged to provide adequate justification and sufficient cost estimate detail on Items a, b, c, and d above to allow the Fish and Game Commissioners to fully understand the proposed project and how it meets the project criteria under Section 13103 of the Fish and Game Code.</b>
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**PLEASE RETURN COMPLETED APPLICATION BY 5:00 P.M., FRIDAY, JANUARY 14, 2022**

Benjamin Harris 1/14/2022  
**Applicant's Signature** **Date**

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**COMMISSION USE ONLY**

**DATE RECEIVED BY:** \_\_\_\_\_

RECOMMENDATION: APPROVED: \_\_\_\_\_ DENIED: \_\_\_\_\_

RECOMMENDED FUNDING AMOUNT: \$ \_\_\_\_\_

NOTES & COMMENTS: \_\_\_\_\_  
\_\_\_\_\_

If awarded funds, are you willing to return to a future 2022 Fish and Game Advisory Commission meeting to provide a presentation on how your funds were implemented?  
YES \_\_\_\_\_, NO \_\_\_\_\_.