

# Attachment A

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## MONTEREY COUNTY FISH AND GAME COMMISSION

<b>MEETING: 2/9/2021</b>	<b>AGENDA NO.: 6</b>
<b>TITLE:</b> a) Receive a report on the Request from the Monterey Bay Salmon Trout Project for Emergency Funding from the Propagation Grant Fund Program	
<b>DEPARTMENT: PARKS</b>	

### **RECOMMENDATION:**

It is recommended that the Fish and Game Commission:

- a) Receive a report on the request from the Monterey Bay Salmon Trout Project for Emergency Funding from the Propagation Grant Fund Program

### **SUMMARY/DISCUSSION:**

The Monterey County Fish and Game Commission has received a request for emergency funding from the Monterey Bay Salmon and Trout Project (MBSTP) for rebuilding efforts and recovery from the 2020 CZU Wildfire, which caused substantial damage to MBSTP's Kingfisher Flat Hatchery (KFH) and the associated infrastructure (**ATTACHMENT A**). The emergency funding request is separate from the Commission's regular Propagation Grant Fund program with the Monterey County Fish and Game Advisory Commission; however, requests for emergency funding shall also meet the Propagation Grant Fund Criteria and Guidelines, specifically State Fish and Game Code Section 13103. All funding requests under the Propagation Grant Fund considered qualified by the Fish and Game Advisory Commission are forwarded to the Monterey County's Budget Committee and Board of Supervisors for final decision on funding.

The damage to the KFH resulted in the complete destruction of outdoor rearing tanks, water conveyance lines, plumbing, and electrical components, and KFH's Berry Creek intake and water diversion system, which provides the water source that is used for incubation of salmonid eggs. The Commission has requested that the MBSTP be specific in their emergency funding request and also express the critical need to help get the essential components of the KFH system back in operation. Without the Berry Creek intake being functional, MBSTP is not able to engage in spawning and incubation of fish at KFH. For that reason, re-construction of the Berry Creek intake is an urgent priority for their organization and for the State of California Department of Fish and Wildlife. The material needs for this project are listed below:

1. Berry Creek intake and water diversion system,
2. One (1) 200-gallon fiberglass-retaining tank just below the diversion site,
3. One (1) 150-gallon fiberglass sediment-settling tank located along the transmission line to the hatchery,
4. Six-inch and four-inch PVC piping to convey water between tanks and the hatchery, and
5. Pipe valves, fittings, and associated components along the main diversion line.

The estimated cost for the restoration of the KFH's Berry Creek intake and water diversion system is \$14,000 for materials. This cost does not include labor.

The Commission's Propagation Grant sub-committee members have reviewed the emergency funding request from the MBSTP and recommend that the request be placed on the February 9, 2021 agenda for the full Commission's consideration and final recommendation to the approving bodies. As per the Fish and Game Code Section 13103, (b) Temporary emergency treatment and

care of injured or orphaned wildlife, (d) Breeding, raising, purchasing, or releasing fish or wildlife which are to be released upon approval of the department pursuant to Sections 6400 and 6401 onto land or into waters of local, state, or federal agencies or onto land or into waters open to the public and (f) Construction, maintenance, and operation of public hatchery facilities are sections that qualify the emergency funding request for use of the Propagation Grant Funds.

The amount of available Propagation Grant funds available to be awarded will be determined prior to the February 9<sup>th</sup> meeting, and made available to the full commission by Finance staff. If approved for funding, the matter will be forwarded to the County's Budget Committee and Board of Supervisors for their consideration and final action.

**OTHER AGENCY INVOLVEMENT:**

The State of California Department Fish and Wildlife has issued permits for the breeding, raising, purchasing, or releasing fish or wildlife which are to be released upon approval of the department pursuant to Sections 6400 and 6401 onto land or into waters of local, state, or federal agencies or onto land or into waters open to the public.

**FINANCING:**

The Propagation Grant Fund is administered by the County for the purpose of the propagation and conservation of fish and wildlife, and for educational and youth activities relating to fish and wildlife pursuant to Section 13103 of the State of California Fish and Game Code. The Propagation Grant Funds come from the Game Warden fines, settlements and not the General Fund. The County Board of Supervisor allocates \$10,500 to the Fish & Game Commission annually, for Fish & Game related activities that support the commission. Any remaining funds not used for operating expenses (supplies & services) may be used to help fund the educational grants.

Emergency funding grant awards will be based on the amount available in the Fish and Game Propagation Grant Fund. The MBSTP has submitted a request for emergency funding for \$14,000. The amount currently available for FY2020-21 is \$25,850. Anticipated Revenues in FY2020-21 are \$24,065 and Expenditures are \$3,795, the estimated FY2020-21 ending fund balance is \$46,120.

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Reviewed by: Lindsay Lerable, Chief of Facilities

Approved by: Randy Ishii, Randy Ishii, MS, PE, TE, PTOE, Director, Monterey County Department of Public Works, Facilities and Parks

Attachment A: MBSTP, Letter of Request

Attachment B: State Fish and Game Code Section 13103

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## **MBSTP Berry Creek Diversion / Intake rebuild description**

The 2020 CZU Wildfire caused substantial damage to MBSTP's Kingfisher Flat Hatchery (KFH) and associated infrastructure. Several outdoor rearing tanks, water conveyance lines, plumbing, and electrical components were all destroyed in the fire. The main hatchery building and roughly half of the outdoor circular tanks were undamaged. However, KFH's Berry Creek water diversion, conveyance line, and associated plumbing were all completely destroyed.

The Berry Creek Diversion & Intake are critical components of the hatchery- they provide the water that is used for incubation of salmonid eggs. Without the Berry Creek intake being functional, MBSTP is not able to engage in spawning & incubation of fish at Kingfisher Flat Hatchery. For that reason, re-construction of the Berry Creek intake is an urgent priority for our organization. The material needs for this project are listed below:

1. Berry Creek Diversion intake and screen (concrete diversion and metal screen)
2. One 200-gallon fiberglass retaining tank just below the diversion site
3. One 150-gallon fiberglass sediment settling tank located along the transmission line to the hatchery
4. 6in. and 4in. PVC piping to convey water between tanks and the hatchery (several hundred feet)
5. Several Pipe valves, fittings, etc. along the main diversion line

The **estimated** cost for the above components, and full restoration of the Berry Creek diversion is roughly \$14,000, not including contractor labor. This figure is based on past work done on the Berry Creek diversion by TM Irrigation. Please see the attached photos for a reference of the components needing replacement.

Two bridges on Big Creek Road which provide vehicle access to the hatchery were destroyed in the CZU fire. Until those bridges are rebuilt, it is not possible to get final quotes from irrigation, plumbing, and electrical contractors to provide cost estimates. A detailed, final quote and assessment will be available as soon as vehicle access is restored and contractors are able to get on site (likely in mid-Spring 2021).

Given the high-intensity burn and total destruction of the undergrowth & canopy in the Berry Creek watershed, re-occurrence of a fire event is extremely unlikely for the foreseeable future. The timeline for reconstruction of the Berry Creek intake is to have all components installed and operational no later than July 1, 2021. This will facilitate a return to normal spawning & rearing operations for the winter of 2021-22.



**Figure 1: Berry Creek conveyance tank (150 gallon)**



**Figure 2: Berry creek intake/diversion screen, conveyance line and junction box to conveyance tank**



# Attachment B

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## STATE FISH AND GAME CODE SECTION 13103

**§13103.** Expenditures from the fish and wildlife propagation fund of any county may be made only for the following purposes:

- (a) Public education relating to the scientific principles of fish and wildlife conservation, consisting of supervised formal instruction carried out pursuant to a planned curriculum, including aids to education such as literature, audio and video recordings, and training models, and nature study facilities.
- (b) Temporary emergency treatment and care of injured or orphaned wildlife.
- (c) Temporary treatment, care of wildlife confiscated by the department as evidence.
- (d) Breeding, raising, purchasing, or releasing fish or wildlife which are to be released upon approval of the department pursuant to Sections 6400 and 6401 onto land or into waters of local, state, or federal agencies or onto land or into waters open to the public.
- (e) Improvement of fish and wildlife habitat, including, but not limited to, construction of fish screens, weirs, and ladders; drainage or other watershed improvements; gravel and rock removal or placement; construction of irrigation and water distribution systems; earthwork and grading; fencing; planting trees and other vegetation management; and removal of barriers to the migration of fish and wildlife.
- (f) Construction, maintenance, and operation of public hatchery facilities.
- (g) Purchase and maintain materials, supplies, or equipment for either the department's ownership and use or the department's use in the normal performance of the department's responsibilities.
- (h) Predator control actions for the benefit of fish or wildlife following certification in writing by the department that the proposed actions will significantly benefit a particular wildlife species.
- (i) Scientific fish and wildlife research conducted by institutions of higher learning, qualified researchers, or governmental agencies, if approved by the department.
- (j) Reasonable administrative costs, excluding the costs of audits required by Section 13103 for secretarial service, travel, and postage by the county fish and wildlife commission when authorized by the county board of supervisors. For purposes of this subdivision, "reasonable cost" means an amount which does not exceed 3 percent of the average amount received by the fund during the previous three-year period, or three thousand dollars (\$3,000) annually, whichever is greater, excluding any funds carried over from a previous fiscal year.
- (k) Contributions to a secret witness program for the purpose of facilitating enforcement of this code and regulations adopted pursuant to this code.
- (l) Costs incurred by the district attorney or city attorney in investigating and prosecuting civil and criminal actions for violations of this code, as approved by the department.
- (m) Other expenditures, approved by the department, for the purpose of protecting, conserving, propagating, and preserving fish and wildlife.

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