

Kern River Rainbow Trout (KRRT) Broodstock Development Project

Upper Kern Fisheries Enhancement Fund

California Department of Fish and Wildlife

1234 East Shaw Ave
Fresno, California

Tracy Purpuro

tracy.purpuro@wildlife.ca.gov

Application Form

General Information

Project Name*

Name of Project

Kern River Rainbow Trout (KRRT) Broodstock Development Project

Funding Request

\$45,000.00

Applicant Organization

California Department of Fish and Wildlife (CDFW)

Project Location

Include Name and Street Address

1234 E. Shaw Avenue, Fresno CA 93710

Project Objective

Brief Statement

Removing genetically pure KRRT from remote waters within Sequoia National Park to develop broodstock at Kern River Fish Hatchery. This will require the assistance of 15 backpackers for fish collections, and a helicopter for fish and gear transport.

Name of Project Coordinator

Tracy Purpuro

Phone Number of Project Coordinator

(xxx)xxx-xxxx

(559) 978-0932

Email of Project Coordinator

Tracy.Purpuro@wildlife.ca.gov

Mailing Address of Project Coordinator

1234 East Shaw Avenue, Fresno CA 93710

Project Details

Project Description

Please give a detailed description of the project.

Funding is needed to cover the cost of helicopter support, labor, and some minor equipment purchases used to collect genetically pure KRRT from SNP waters in summer of 2017, and 2018. Helicopter support will likely come from SNP at a cost savings of approximately 50 percent. Labor will come from a team of permanent and part-time CDFW staff, and equipment will be nets, ice chests, plastic bags, oxygen cylinders, tape, and miscellaneous backpacking supplies.

Statement of Justification

Please indicate the justification for this project, identified alternative solutions, and reasoning for this selection.

The propagation of fish native to their respective watersheds is mandated by State law AB7. AB7 requires that 25% of total allotments be fish native to their respective watersheds. For the Kern watershed, CDFW has chosen Kern River rainbow trout. The Department's central region hatchery manager has decided to exceed AB7 and produce 100% Kern River rainbow.

Monitoring

Provide the monitoring description, schedule, and organization responsible.

The CDFW will monitor source populations to make sure fish removals cause no harm to genetic integrity or population structure. A geneticist will monitor the hatchery population genetics and analyze genetic samples collected from source populations by CDFW. Organizations responsible will be CDFW and University of California. Monitoring frequency has yet to be determined, but will be on a frequency of approximately five years for genetics and possibly more frequently for population structure.

Implementation Schedule

Please include a monthly schedule, start and completion dates, and time needed for licenses and permits. If preferable, you may upload a document or calendar.

Population sizes of KRRT proved to be small so fish need to be collected over two years to insure no harm is done to source populations. The first collections will take place in late August or early September 2017, and then a second trip to collect the remainder will take place August or September of 2018.

Budget

Please provide itemization of costs, other funding, cost sharing, cost estimates to be valid for at least one year. If preferable, a document or spreadsheet can be uploaded.

Personnel.pdf

Please refer to the attached budget detail.

Additional Uploads

Additional Upload

Please include a brief description of uploaded document.

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Additional Upload

Please include a brief description of uploaded document.

Fiscal Agent Information

Name of Fiscal Agent

California Department of Fish and Wildlife

Fiscal Agent Tax ID Number

FEIN-94-1697567

Fiscal Agent Mailing Address- Street

1234 East Shaw Avenue

Fiscal Agent Mailing Address- City

Fresno

Fiscal Agent Mailing Address- State

California

Fiscal Agent Mailing Address- ZIP

93271

Fiscal Agent Phone

(559) 978-0932

Fiscal Agent- Contact Person

Tracy Purpuro

Fiscal Agent- Contact Email

Tracy.Purpuro@wildlife.ca.gov

File Attachment Summary

Applicant File Uploads

- Personnel.pdf

Personnel	Wages	per person	per person	per person	per diem	Total #	Total
	per hour	per day	5 days RT	4 days OT	9 days	people	9 days
Sci Aid 2017	13	104	520	624	414	5	7,790
Full Time 2017					414	11	4,554
Sci Aid 2018	15	120	600	720	414	5	8,670
Full Time 2018					414	11	4,554
						Total 2017	12,344
						Total 2018	13,224
						Helicopter Support 2017	5,000
						Helicopter Support 2018	5,000
						NPS Cost Recovery 2017	2,000
						Equipment	5,000
						NPS Cost Recovery 2018	2,000
						Project Total	44,568