

Title/Owner

Title: 2008-034 - WNTI-Susie Creek Fish Barrier to Protect High Priority Recovery Habitat for LCT in Humboldt Co. NV

Owner: Lahontan National Fish Hatchery

710 HIGHWAY 395
GARDNERVILLE, NV 89410
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Project details

Intended funding sources: NFBAP-WNTI

Field priority: unassigned **Regional priority:** unassigned

Share code: unassigned

Proposed Accomplishment Summary:

Susie Creek, north of Carlin, Nevada, has been identified as priority recovery habitat for LCT, a threatened species, by the LCT recovery plan and the Humboldt DPS Team. Ongoing efforts to restore public and private lands has resulted in roughly 22-miles of the watershed being restored. Before LCT may be reintroduced into Susie Creek a fish barrier needs to be constructed. The potential of adverse impacts from nonnative fishes present in the Humboldt River exists if access is not blocked.

The *importance* to the Resource:

Recovery of LCT in the Humboldt DPS depends on reintroducing LCT into restored interconnected habitats without nonnative fishes present. This project represents an opportunity to reintroduce LCT into 22 miles of newly restored interconnected stream habitat.

The *problem*:

Nonnative fishes have been shown to negatively impact stream-dwelling LCT through competition, hybridization, and predation. For this LCT reintroduction to be successful, access to this watershed by nonnative fishes in the mainstem river must be prevented.

The *objective*:

The project is designed to prevent all upstream movement of nonnative fishes from the mainstem Humboldt River. This is needed to protect reintroduced LCT adverse impacts of nonnative fishes through predation, competition, and hybridization.

The *method*:

A barrier will be constructed at the confluence of Susie Creek and the mainstem Humboldt River consisting of both vertical and velocity barriers to upstream fish movement.

Further description:

Further description:

Additional Criteria

The anticipated year project construction will start - 2009

Anticipated year it will be completed - 2009

Whether or not the necessary permits have been obtained? No

Is ongoing project operations and maintenance required ? Yes
Is the project eligible for other fund sources? No
Is the project a priority (need) in a Plan? Yes
Location of Project: State: Nevada Closest Town: Carlin, Nevada
Lat: N 40 43 48.5 Long: W 116 04 40.4
Partner Info
Is the project confirmed as a State priority? Yes

Contact Information

Who's the project applicant? Bureau of Land Management-Elko District, Carol Evans, 775-753-0255
The project manager (if different entity from applicant)?NA
The Landowner (if different entity)? BLM

The permits have not yet been obtained because the final design of the barrier has not yet been accepted and approved by the DPS team. Upon approval of the final design, the BLM will complete and obtain all applicable NEPA clearances, cultural inventories and state and federal permitting requirement for working in waterways and wetlands.

Partners & friends groups

Barrick Goldstrike Mines, Inc.
Bureau of Land Management, Elko District
Heguy Ranches
Maggie Creek Ranch LP
Nevada Department Of Wildlife
Newmont Mining Corporation
Trout Unlimited
Western Native Trout Initiative

Strategic plan objectives

Primary

Recover fish and other aquatic resource populations protected under the Endangered Species Act.

Secondary

None specified

Species / populations

Primary Species/Population Benefited:

Lahontan cutthroat trout ([Oncorhynchus clarkii henshawi](#))

Secondary Species/Populations Benefited:

None specified

Nuisance Species Managed:

None specified

Congressional districts benefited

Click the district name for info about other work the FWS is doing in the district:

[NV02](#)

Other work the FWS is doing in the affected project states:

- [Nevada FWS area profile](#)

Funding

Fund	Year					Totals
	1	2	3	4	5	
131X	\$0	\$0	\$0	\$0	\$0	\$0
133X	\$100,700	\$0	\$0	\$0	\$0	\$100,700
0.0050 Director's Deferred						
Service Total	\$100,700	\$0	\$0	\$0	\$0	\$100,700

Estimated length: 1

Needed FTE's

Managers 0 Administrative 0

Biologists 0.1 Outreach specialists 0

Other 0 Maintenance 0
Specialist / Worker
Scientist

Technician 0
/ Fish
Culturist

Plans / tasks

Plan #1: Lahontan Cutthroat Trout Recovery Plan [\[view\]](#)

Expert: Lahontan National Fish Hatchery
Type: Recovery Plan

Plan #1 tasks to be worked on by this project:

Number: 111 [\[log history\]](#)

Type: Other
Manage LCT populations within Humboldt Basin

Performance measures

Measure	Year					Totals
	1	2	3	4	5	
Number of instream miles restored	22.0					22.0