

22330-2008-057 - [Habitat Restoration in Polvadera Creek for Rio Grande cutthroat trout per WNTI priorities](#)

Proposed Accomplishment Summary:

Riparian protection and restoration, needed due to grazing impacts will be implemented on Polvadera Creek. This stream currently harbors a small population of Rio Grande cutthroat trout that is impacted by sedimentation due to degraded riparian conditions. This project will restore stream habitat thru cattle exclusion and revegetation of stream banks.

The importance to the Resource:

Secure populations of Rio Grande cutthroat trout require suitable habitat conditions to maintain species distribution and avoid need to list under ESA.

The problem:

Unrestricted livestock grazing within Polvadera Creek watershed has resulted in degraded riparian vegetation, bank destabilization and cutting, and heavy sedimentation of the stream.

The objective:

The primary objective of this project is to restore riparian and stream conditions so that habitat quality for Rio Grande cutthroat trout is increased.

The method:

Livestock will be excluded from the stream by fencing. Plantings of riparian vegetation will be implemented within the fencing enclosure. Baseline fish community assessment will characterize initial population levels for use in long-term evaluation of project success.

Primary Species/Population Benefited:

Rio Grande cutthroat trout ([Oncorhynchus clarkii virginalis](#))

Population:

Polvadera Creek [\[view\]](#)

Secondary Species/Populations Benefited:

Fund	Totals
Totals	\$54,900

Estimated length: 1

Partner	Matching	In Kind
New Mexico Department of Game and Fish	\$0	\$1,000
Trout Unlimited	\$0	\$0
U. S. Forest Service	\$0	\$5,000
Total:	\$0	\$6,000

TOTAL Partner + FWS across all years: \$60,900

Plan #1: Conservation Agreement for the Range-Wide Preservation and Management of the Rio Grande Cutthroat Trout among Colorad...

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

Number: 1

Type: Assessment

Number: 2

Type: Assessment

Number: 4

Type: Habitat

Measure	Totals
7.2.8.1 Number of other Fishery Management Plan tasks implemented for populations of management concern.	1.0
7.1.16 Number of habitat assessments completed	1.0
7.1.12 Number of instream miles restored	1.5
7.1.12 Number of riparian miles restored	1.5

None specified

Nuisance Species Managed:

None specified

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