

CONEJOS RIVER DIVERSION INFRASTRUCTURE INVENTORY

Structure Name: JACKS IRRIGATING D

Reported By: Daniel Boyes

Date: April 15, 2019

Headgate	Latitude	Longitude
Location:	37.14979	-106.95162

Headgate Type: Manually operated 2' wide wooden slide gate

Headgate Condition:	A <input type="checkbox"/>	Diversion and other Conditions:	A <input type="checkbox"/>	River Miles from North Branch Conejos Terminus (Point of Diversion):	Structure Submerged:	Yes <input type="checkbox"/>
	B <input type="checkbox"/>		B <input type="checkbox"/>			No <input checked="" type="checkbox"/>
	C <input type="checkbox"/>		C <input type="checkbox"/>			
	D <input checked="" type="checkbox"/>		D <input checked="" type="checkbox"/>	5.57 mi		
	F <input type="checkbox"/>		F <input type="checkbox"/>			

Repair(s) or Improvement(s) Completed Since 2006: N/A

Structure Description: A diversion dam made up of concrete blocks, boulders, and debris diverts water to a short feeder channel, about 130 ft long, located on the west bank of the channel. Debris accumulation and sedimentation is an issue at this structure, particularly for the diversion dam. The headgate is protected from livestock by two metal fences but functions poorly. Significant erosion downstream of the flume and around the wing walls may cause it to fail and/or not measure accurately.

Repair(s) or Improvement(s) Currently Needed: Given these issues, the SMP Technical Advisory Team (TAT) recommends replacing the headgate, maintaining the flume, and implementing riparian revegetation. A new headgate would increase efficiency and reduce maintenance and ditch maintenance at the flume would ensure long-term function. Riparian revegetation would reduce erosion and structure maintenance.

Comments: Jacks Irrigating Ditch is a priority 55.

Notes:

Estimated Range of Cost: Moderate

Headgate looking downstream



Headgate outlet



Diversion dam



Diversion dam looking upstream



Flume looking downstream



Flume looking upstream



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PHOTO LOG

Conejos River Stream
Management Plan