

CONEJOS RIVER DIVERSION INFRASTRUCTURE INVENTORY

Structure Name: CARPE & REEKERS CANON D

Reported By: Daniel Boyes

Date: April 15, 2019

Headgate	Latitude	Longitude
Location:	37.06336667	-106.21005

Headgate Type: Manually operated 4' wide steel slide gate with adjacent overflow headgate.

Headgate Condition:	A <input type="checkbox"/>	Diversion and other Conditions:	A <input type="checkbox"/>	River Miles From Rio Grande Confluence (Point Of Diversion):	Structure Submerged: Yes <input type="checkbox"/>
	B <input checked="" type="checkbox"/>		B <input type="checkbox"/>	45.05 mi	No <input checked="" type="checkbox"/>
	C <input type="checkbox"/>		C <input checked="" type="checkbox"/>		
	D <input type="checkbox"/>		D <input type="checkbox"/>		
	F <input type="checkbox"/>		F <input type="checkbox"/>		

Repair(s) or Improvement(s) Completed Since 2006: A new diversion dam and overflow structure were installed.

Repair(s) or Improvement(s) Currently Needed: Woody debris accumulates at the headgate and overflow gate. A trash rack would improve the function of this structure. This structure could also use improvements to the diversion dam to get water at low flows. The ditch downstream of the headgate is very inefficient in carrying water due to its geologic characteristics and could be lined, however, the gate can be adjusted to compensate and lost water through seepage recharges the adjacent river. Existing fish and boat passage should be maintained and riparian restoration should be considered as part of any future repairs or improvements.

Structure Description: The Carpe & Reekers Canon Ditch headgate sits along the south bank of Conejos River. The headgate is located on the outside of a small bend in the stream, which is not prone to lateral migration significantly due geologic controls. A "U" shaped boulder diversion dam directs water toward the headgate. The Parshall flume is ~0.5 miles down the ditch.

Comments: This ditch is a priority 139.

Notes:

Estimated Range of Cost: Low

Headgate and overflow structure



Headgate outlet



Diversion dam



Diversion dam looking upstream



Flume looking downstream



Flume looking upstream



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CARPE & REEKERS CANON DITCH

PHOTO LOG

Conejos River Stream Management Plan