

CONEJOS RIVER

DIVERSION INFRASTRUCTURE INVENTORY

Structure Name: McCARROLL D

Reported By: Daniel Boyes

Date: April 2, 2019

Headgate	Latitude	Longitude
Location:	37.049326	-106.183719

Headgate Type: Manually operated 4' wide steel slide gate

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 checked="" type="checkbox"/>	43.07 mi	No <input checked="" type="checkbox"/>	
	C <input type="checkbox"/>		C <input 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 stacked rock diversion dam was installed. Additionally, a new river headgate and overflow/return flow gate were installed.

Structure Description: A stacked rock diversion dam directs flow to the river headgate located on the south bank of the mainstem Conejos River. A short feeder channel delivers water from the river to the main headgate. A manually operated 4 ft wide steel slide gate and wood plank weir, at the head of the return flow channel and adjacent to the structure, acts as a diversion and directs water to the headgate. The river is relatively stable both upstream and downstream of the structure, although the river has slowly migrated west since 1998 and a meander was cut off downstream of the diversion sometime between 1975 and 1998. The migration trajectory at this location is not expected to affect this structure.

Repair(s) or Improvement(s) Currently Needed: No immediate repair needs were notes at the time of inspection.

Comments: This ditch is a priority 47.

Notes:

Estimated Range of Cost: N/A

Headgate looking downstream



Headgate outlet



River headgate and overflow gate



Diversion dam



Flume looking downstream



Flume looking upstream

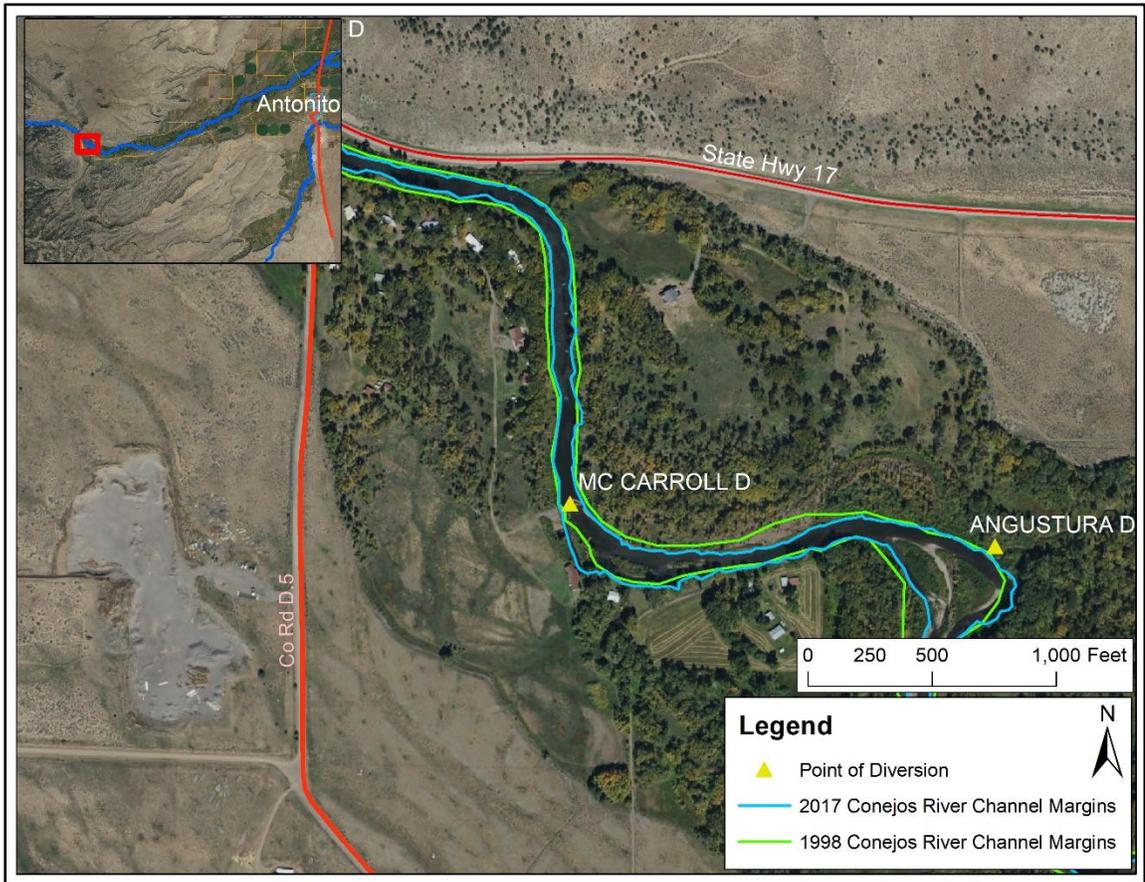


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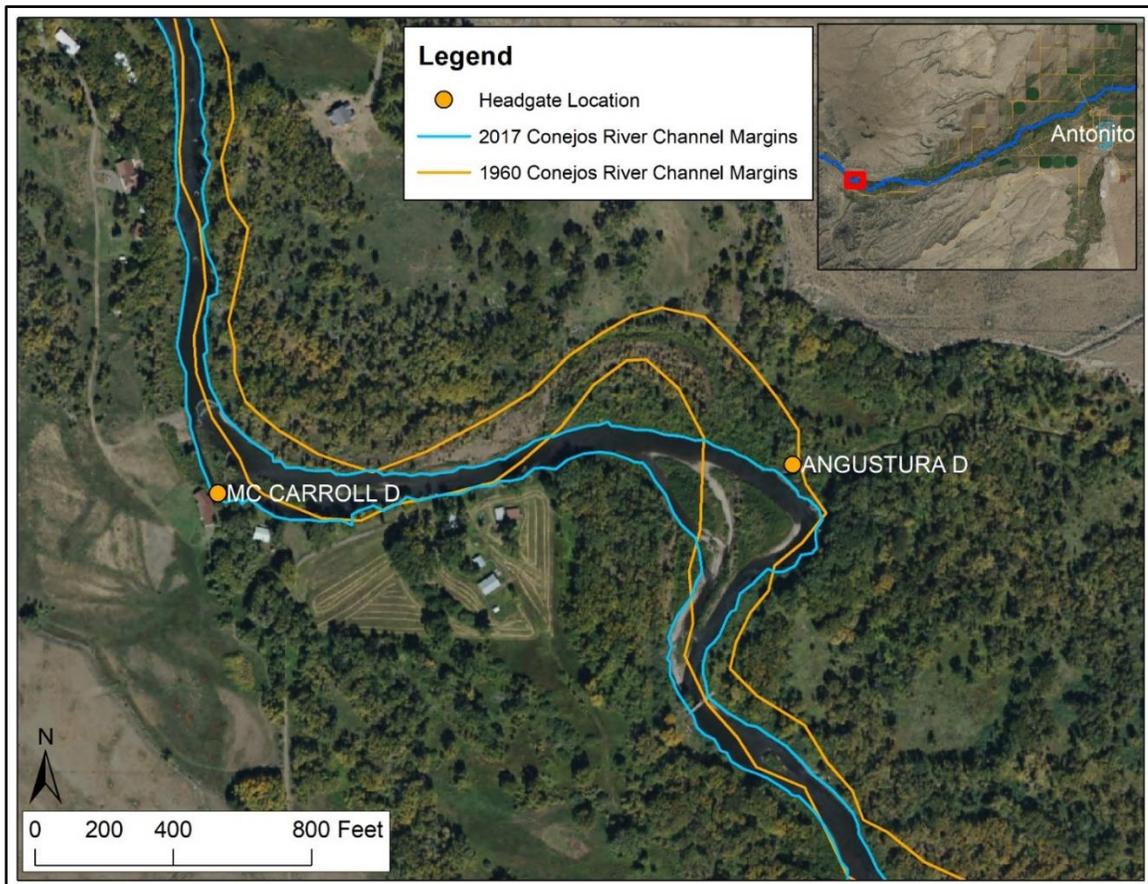
McCARROLL DITCH

PHOTO LOG

Conejos River Stream Management Plan



McCarroll Ditch headgate with 1998 and 2017 channel margins overlaid



McCarroll Ditch headgate with 1960 and 2017 channel margins overlaid