

CONEJOS RIVER DIVERSION INFRASTRUCTURE INVENTORY

Structure Name: ANTONITO D

Reported By: Daniel Boyes

Date: April 15, 2019

Headgate	Latitude	Longitude
Location:	37.054522	-106.111964

Headgate Type: Manually operated 4' wide steel slide gates (2)

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"/>	38.38 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: N/A

Structure Description: This structure has no formal diversion dam off the Conejos River. Water is delivered to the headgate via a 0.4 mile feeder channel. A small stacked rock diversion dam on the feeder channel directs water to the headgate. Lateral migration is occurring at the point of diversion, and the river has experienced significant avulsion since 1998. Channel migration analysis suggests that in 1960, the river channel followed this structure's feeder channel. This channel may be recaptured in the future.

Repair(s) or Improvement(s) Currently Needed: Aside from monitoring channel migration, no repair needs were noted.

Comments: This ditch is a priority 113.

Notes:

Estimated Range of Cost: N/A

Headgate looking downstream



Headgate and diversion dam



Headgate outlet



Diversion dam



Flume looking downstream



Flume looking upstream

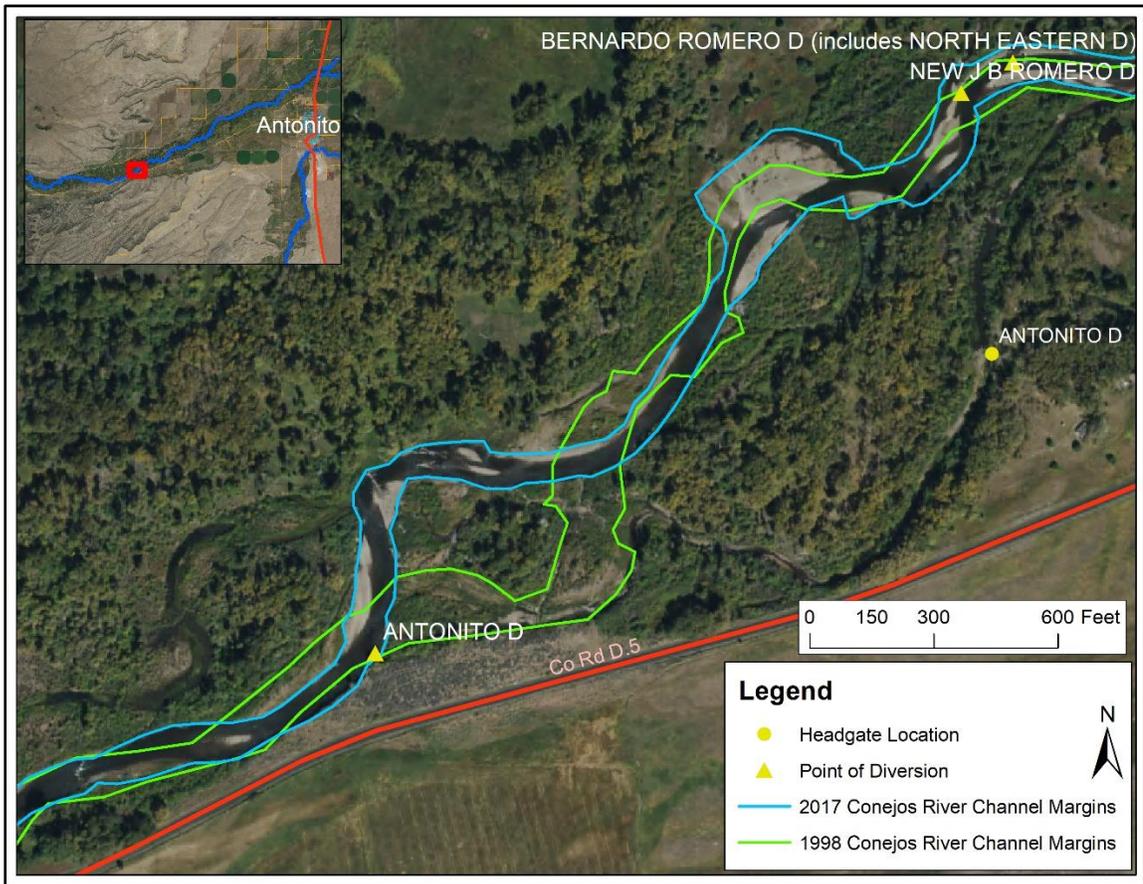


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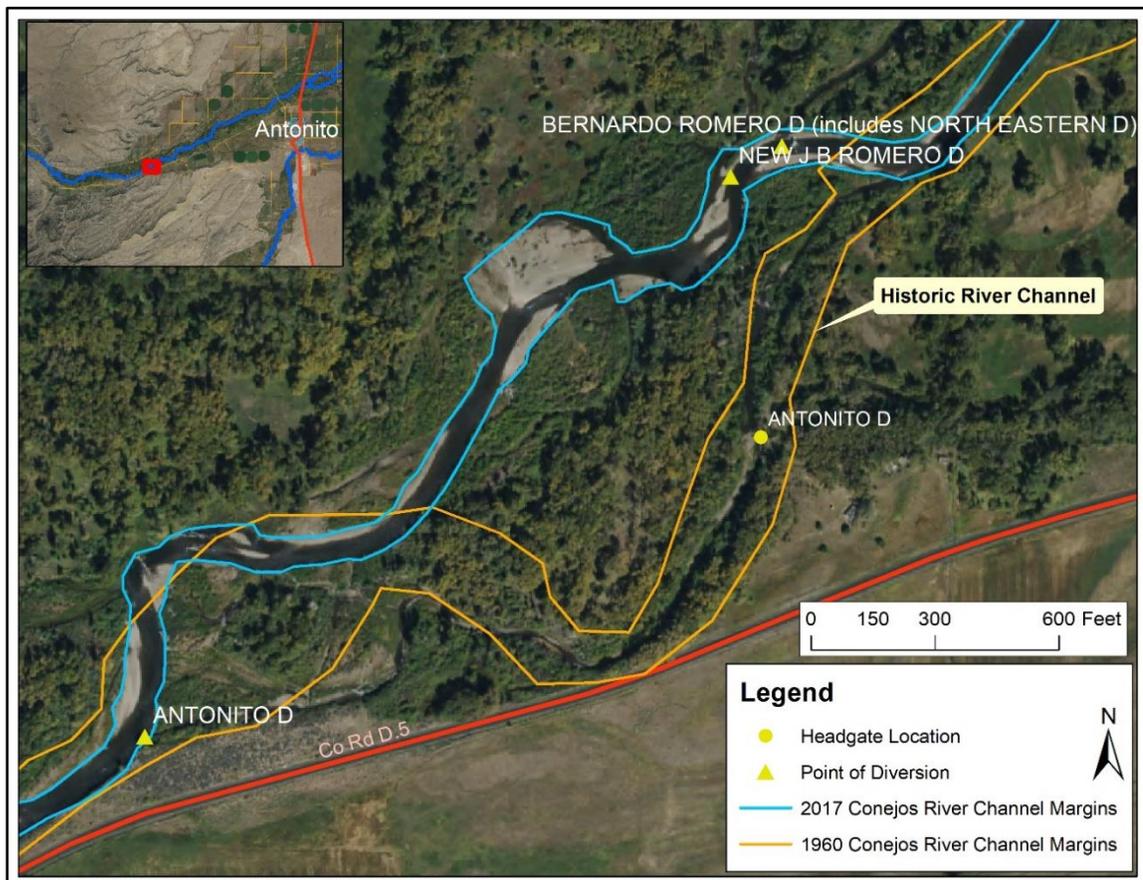
ANTONITO DITCH

PHOTO LOG

Conejos River Stream Management Plan



Antonito Ditch with 1998 and 2017 channel margins overlaid



Map of historic river channel (1960), showing potential for river to migrate and recapture the historic channel in the future