

CONEJOS RIVER DIVERSION INFRASTRUCTURE INVENTORY

Structure Name: ROMERO D

Reported By: Daniel Boyes

Date: April 14, 2019

Headgate	Latitude	Longitude
Location:	37.085847	-106.039276

Headgate Type: Automated 12' wide radial gate

Headgate Condition:	A <input checked="" type="checkbox"/>	Diversion and Other Condition:	A <input checked="" type="checkbox"/>	River Miles From Rio Grande Confluence (Point of Diversion):	Structure Submerged:	Yes <input checked="" type="checkbox"/>
	B <input type="checkbox"/>		B <input type="checkbox"/>	32.59 mi	No <input 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: The headgate was recently replaced and is now an automated 12' radial gate. Overflow/slucice gate was also installed. The diversion dam was also replaced and is now a stacked rock feature. J-hooks were installed upstream of the structure to stabilize the banks.

Structure Description: A stacked rock diversion dam delivers water to a 12 ft automated headgate on the north bank of the Conejos River. Adjacent to the headgate is a 4 ft wide sluice gate. These structures were recently installed. The diversion dam also services Heads Mill & Irrigation Ditch, which is located on the south bank of Conejos River.

Repair(s) or Improvement(s) Currently Needed: The channel has migrated significantly in this area, especially upstream of the diversion dam. J-hooks were installed upstream to stabilize banks. If future channel migration occurs, other solutions may need to be considered, however no immediate repair needs were noted.

Comments: This ditch includes priorities 1 and 23.

Notes:

Estimated Range of Cost: Low

Headgate looking downstream



Diversion dam and sluice gate



Headgate outlet



Diversion dam looking toward HEADS MILL & IRR D



Flume looking downstream



Flume looking upstream

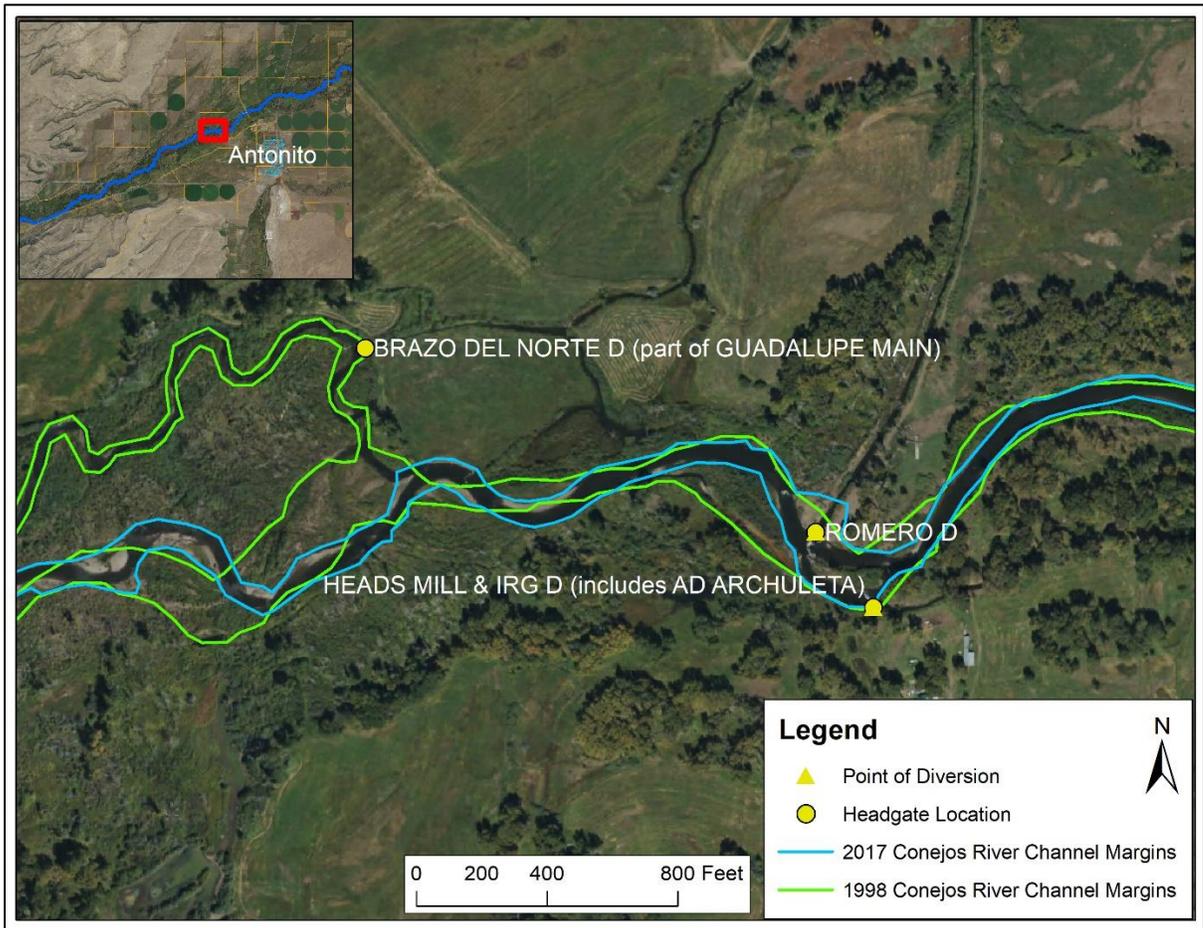


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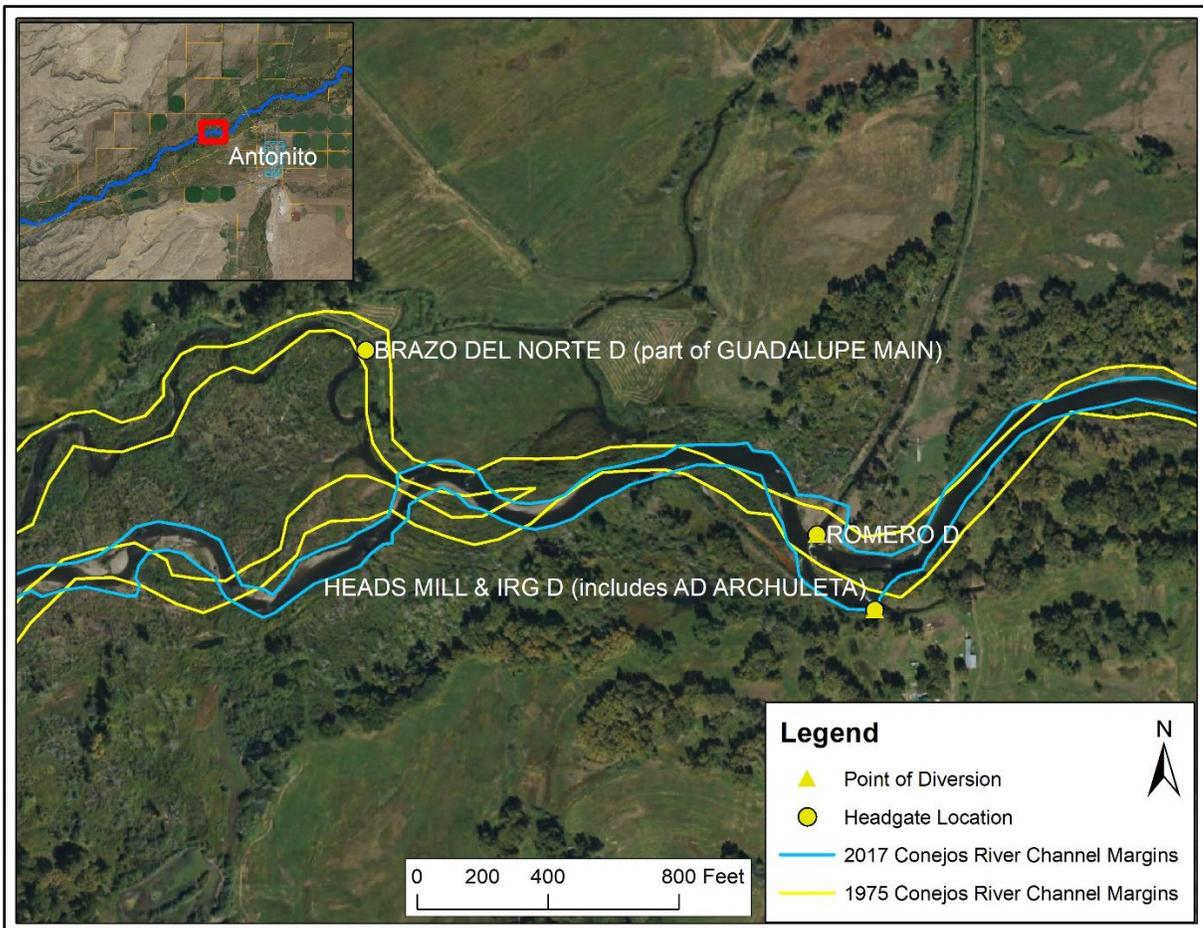
ROMERO DITCH

PHOTO LOG

Conejos River Stream
Management Plan



Headgate location with 1998 and 2017 channel margins overlaid



Headgate location with 1998 and 2017 channel margins overlaid