

CONEJOS RIVER

DIVERSION INFRASTRUCTURE INVENTORY

Structure Name: HEADS MILL & IRRIGATION D

Reported By: Daniel Boyes

Date: April 2, 2019

Headgate	Latitude	Longitude
Location:	37.085221	-106.038663

Headgate Type: Manually operated 6' wide steel slide gate

Headgate Condition:	A <input checked="" type="checkbox"/>	Diversion and Other Conditions:	A <input checked="" type="checkbox"/>	River Miles From Rio Grande Confluence (Point Of Diversion):	Structure Submerged: Yes <input type="checkbox"/>
	B <input type="checkbox"/>		B <input type="checkbox"/>	32.55 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: The entrance to the feeder channel was relocated during repairs of the Romero Ditch, which was completed in winter 2019. An overflow/slucice gate was also installed at the entrance of the feeder channel and is built into the Romero Ditch diversion dam's rock structure.

Structure Description: A feeder channel off the south bank of the Conejos River, approximately 280 ft long, directs water towards the headgate. There is then a submerged pipe diversion dam downstream that directs water to the headgate, which sits along the south bank of the feeder channel. Any water not diverted to the headgate returns to the Conejos River approximately 100 ft downstream of the diversion. This ditch is just downstream of the Romero Ditch and also services the AD Archuleta Ditch.

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. No immediate repair needs were noted at the time of inspection.

Comments: This ditch is a priority a priority 2.

Notes:

Estimated Range of Cost: Low

Headgate looking downstream



Diversion dam looking upstream



Headgate outlet



Diversion dam looking downstream



Feeder ditch entrance



Flume looking upstream

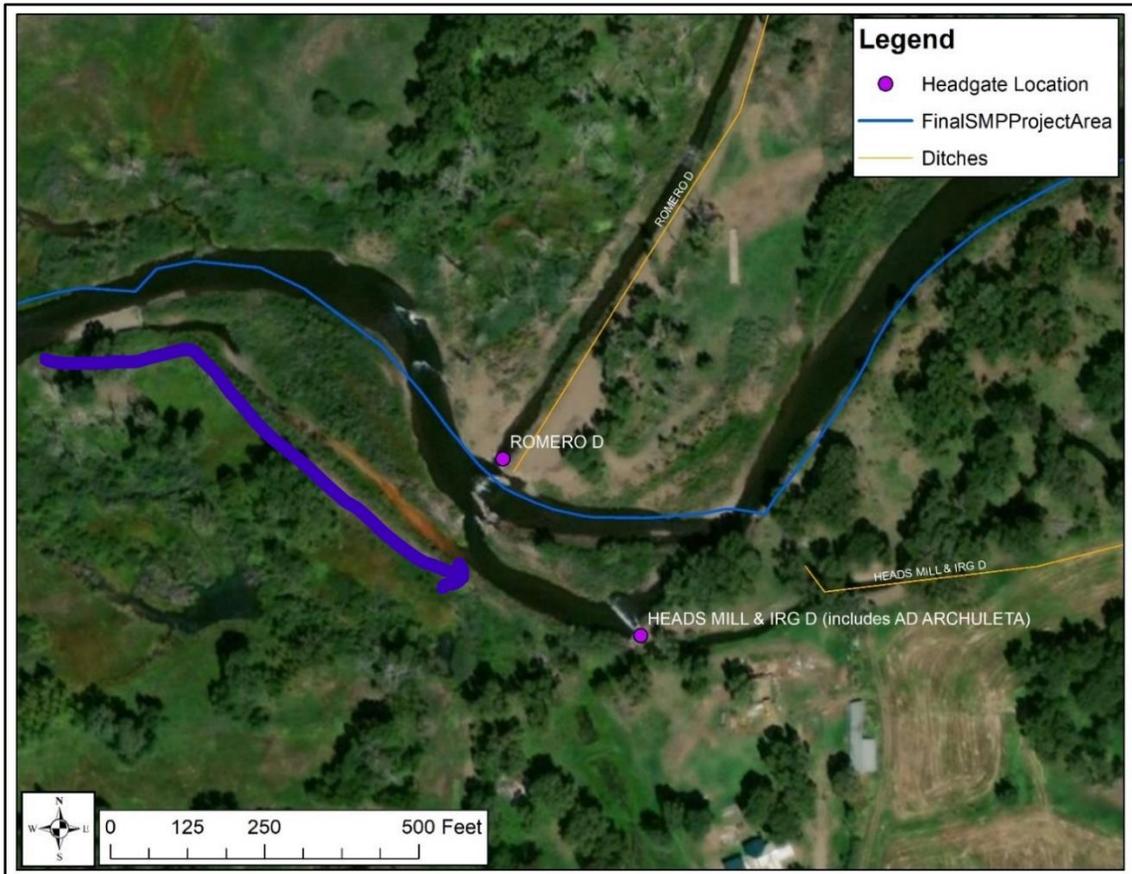


CONEJOS RIVER DIVERSION INFRASTRUCTURE INVENTORY

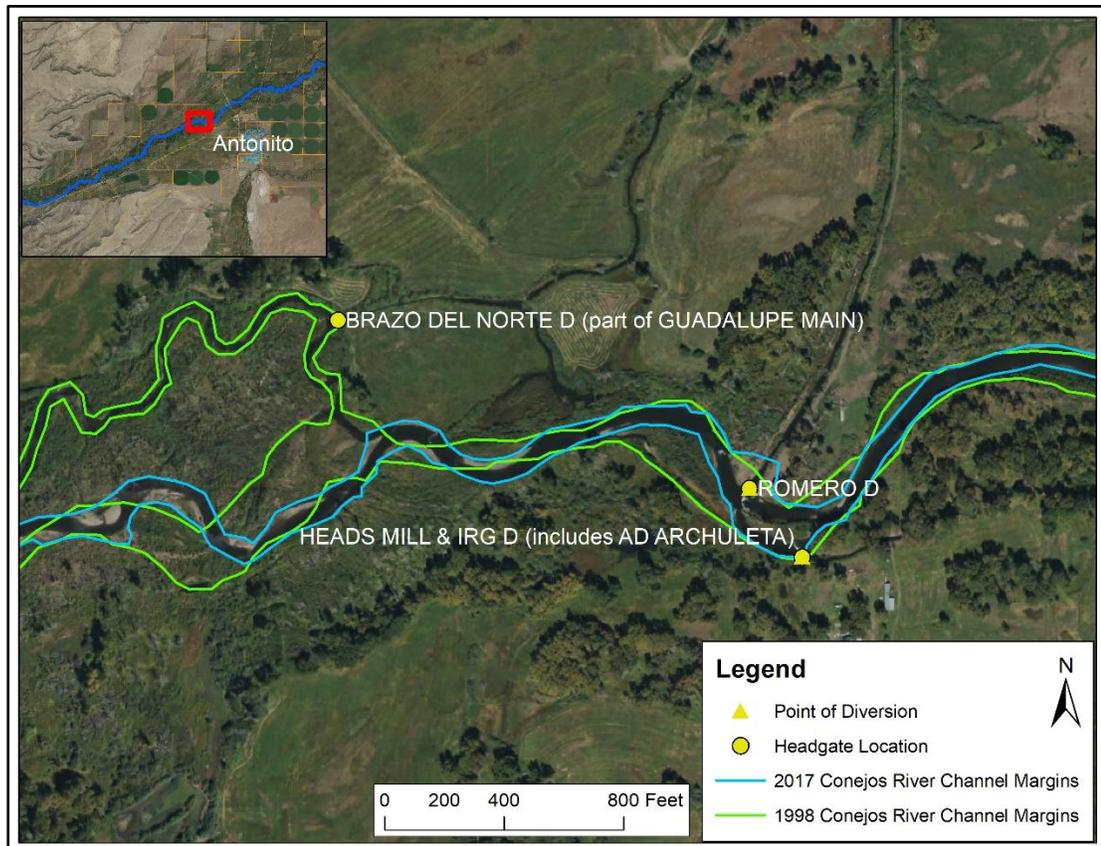
HEADS MILL & IRRIGATION DITCH

PHOTO LOG

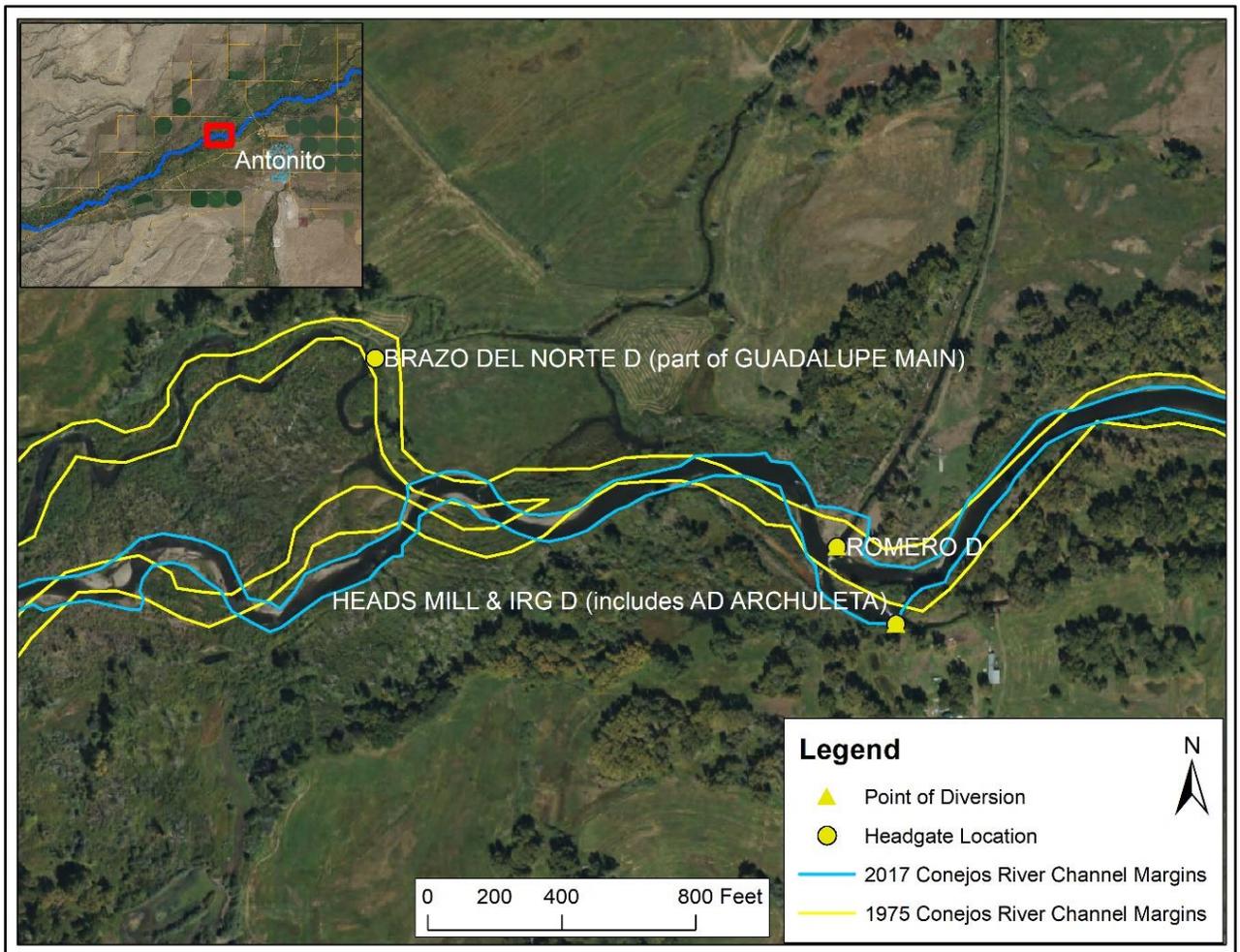
Conejos River Stream
Management Plan



Aerial image showing Heads Mill Irrigation Ditch and Romero Ditch headgates. The old Heads Mill feeder channel is traced in blue in this image.



Headgate location with 1998 and 2017 channel margins overlaid



Headgate location with 1975 and 2017 channel margins overlaid