

CONEJOS RIVER DIVERSION INFRASTRUCTURE INVENTORY

Structure Name: SANCHES D

Reported By: Daniel Boyes

Date: April 15, 2019

Headgate	Latitude	Longitude
Location:	37.05179	-106.152699

Headgate Type: Manually operated 4' wide steel slide gate

Headgate Condition:	A <input type="checkbox"/>	Diversion and other Condition:	A <input type="checkbox"/>	River Miles From Rio Grande Confluence (Point of Diversion):	Structure Submerged: Yes <input checked="" type="checkbox"/>
	B- <input checked="" type="checkbox"/>		B <input type="checkbox"/>		No <input type="checkbox"/>
	C <input type="checkbox"/>		C <input type="checkbox"/>		
	D <input type="checkbox"/>		D <input checked="" type="checkbox"/>	41.04 mi	
	F <input type="checkbox"/>		F <input type="checkbox"/>		

Repair(s) or Improvement(s) Completed Since 2006: None

Structure Description: The river channel has undergone significant migration, including meander cutoffs, at the point of diversion and especially downstream of the diversion. A U-shaped stacked rock diversion dam directs flow to the feeder channel, located on the north bank of the Conejos River. This feeder channel also services the Mecitos Ditch. Approximately 1400 feet down the feeder channel, a small diversion dam directs flow north to the Sanches Ditch (see maps below). A return flow structure with check boards sits adjacent to the Sanches Ditch headgate and directs unused water back to the Mecitos Ditch feeder channel.

Repair(s) or Improvement(s) Currently Needed: Debris accumulation is an issue at the headgate and return flow structure (see photos below). The SMP Technical Advisory Team (TAT) recommends installing a trash rack above the headgate to minimize debris accumulation. As noted above, the TAT recommends an improved diversion dam that allows the ditch to divert water at all flows. For a description of recommended improvements to the diversion and feeder channel, see the Mecitos Ditch. Additionally, the TAT recommends repairing or resetting the Parshall flume.

Comments: The Sanches Ditch is a priority 37.

Notes:

Estimated Range of Cost: Medium-High

Headgate looking downstream



Headgate outlet



Return flow structure looking downstream



Diversion dam on feeder ditch looking downstream



Flume looking upstream



Flume looking upstream

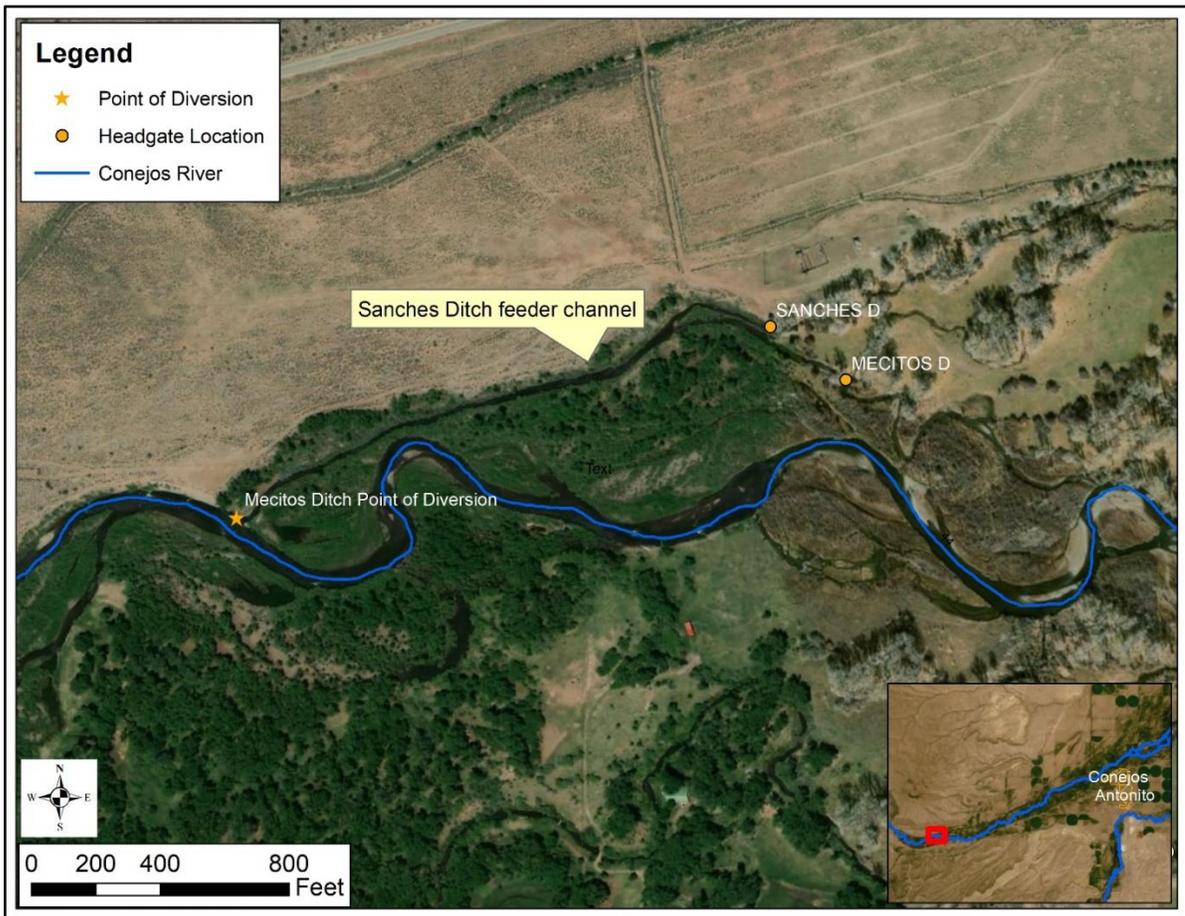


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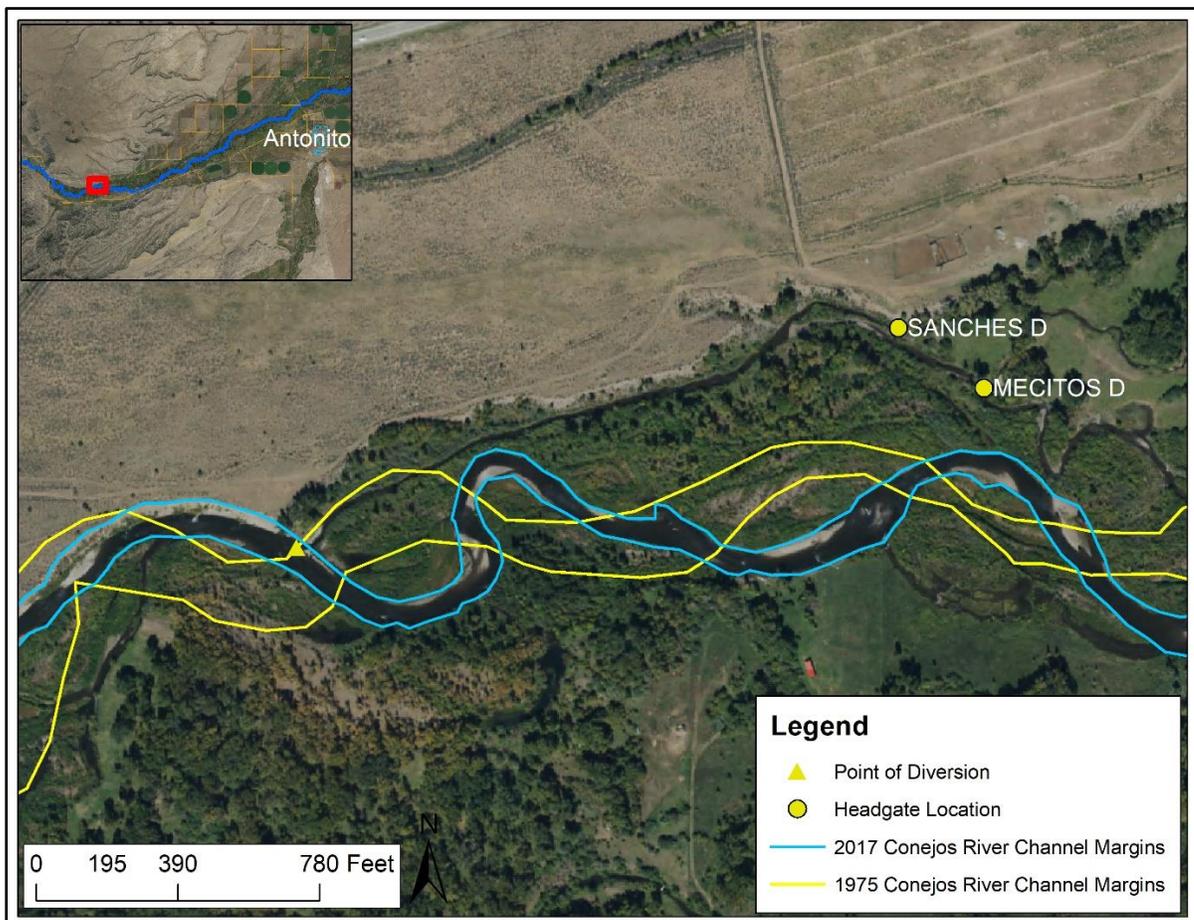
SANCHES DITCH

PHOTO LOG

Conejos River Stream Management Plan



Sanches Ditch point of diversion and feeder channel



Headgate location with river channel margins from 1975 and 2017 overlaid