

CONEJOS RIVER

DIVERSION INFRASTRUCTURE INVENTORY

Structure Name: DEL PUERTICITO D

Reported By: Daniel Boyes

Date: April 15, 2019

Headgate	Latitude	Longitude
Location:	37.131271	-106.926717

Headgate Type: Automated 4' 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 checked="" type="checkbox"/>
	B <input type="checkbox"/>		B <input type="checkbox"/>			No <input type="checkbox"/>
	C <input type="checkbox"/>		C <input type="checkbox"/>	24.16 mi		
	D <input type="checkbox"/>		D <input type="checkbox"/>			
	F <input type="checkbox"/>		F <input type="checkbox"/>			

Repair(s) or Improvement(s) Completed Since 2006: In 2019, the headgate and diversion dam were replaced. The banks upstream and downstream of the structure were also reinforced with boulders.

Structure Description: The river is unstable in this reach and is prone to avulsion and significant migration during high flows. In 2019, the headgate and diversion dam were replaced. The banks upstream and downstream of the structure were also reinforced with boulders. The new structure features a grouted rock diversion dam that directs water to the headgate, which is located on the south bank of the river. The ditch runs parallel to the river for approximately 250 ft before turning east and away from the river.

Repair(s) or Improvement(s) Currently Needed: Prior to the 2019 improvements, the portion of the ditch running parallel to the river experienced significant erosion and could fail in the future. The SMP Technical Advisory Team (TAT) recommends reinforcing the ditch to avoid potential failure.

Comments: This ditch is a priority 12.

Notes:

Estimated Range of Cost: Low

Headgate looking downstream



Headgate and diversion dam



Headgate outlet



Diversion dam



Ditch looking downstream of headgate



Flume looking upstream



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DEL PUERTICITO DITCH

PHOTO LOG

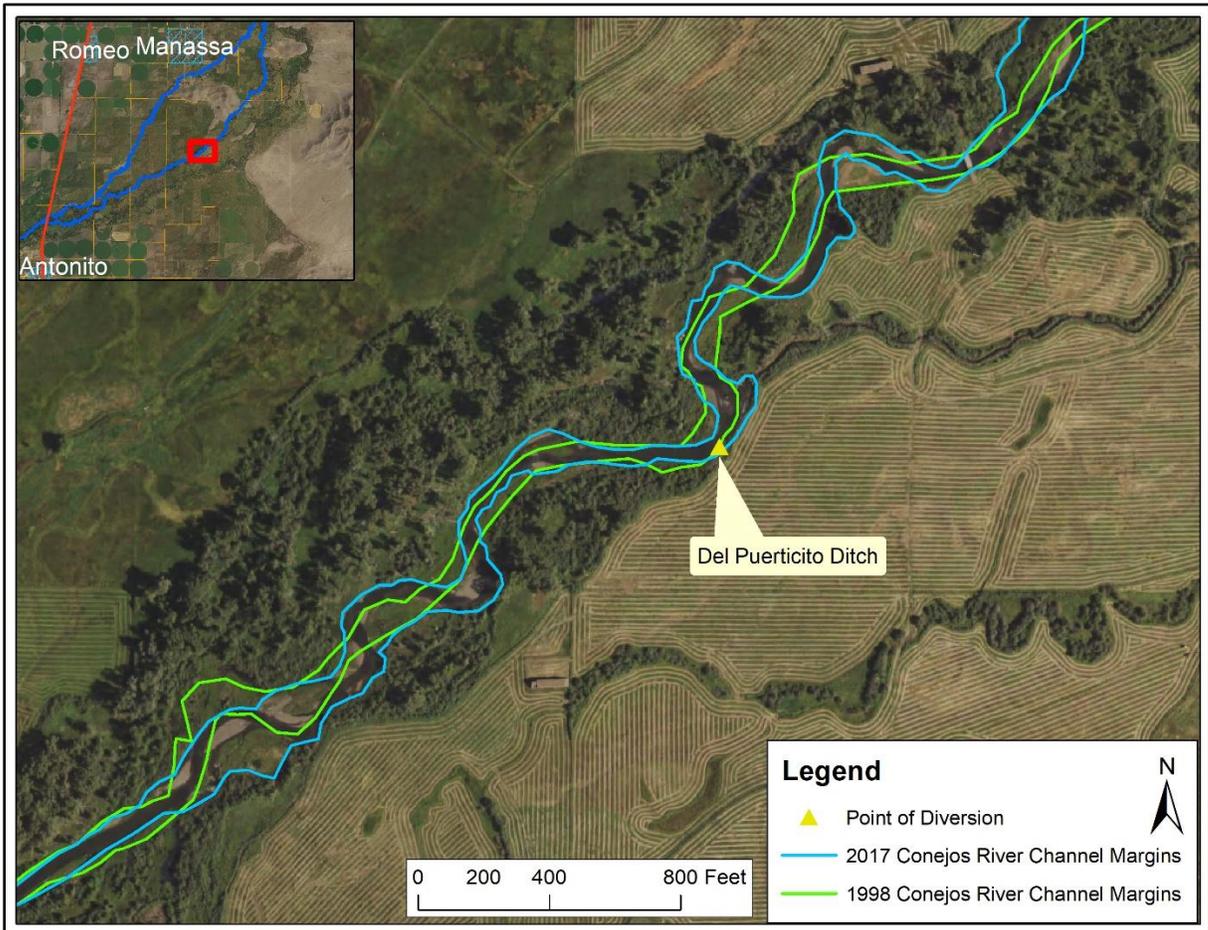
Conejos River Stream
Management Plan



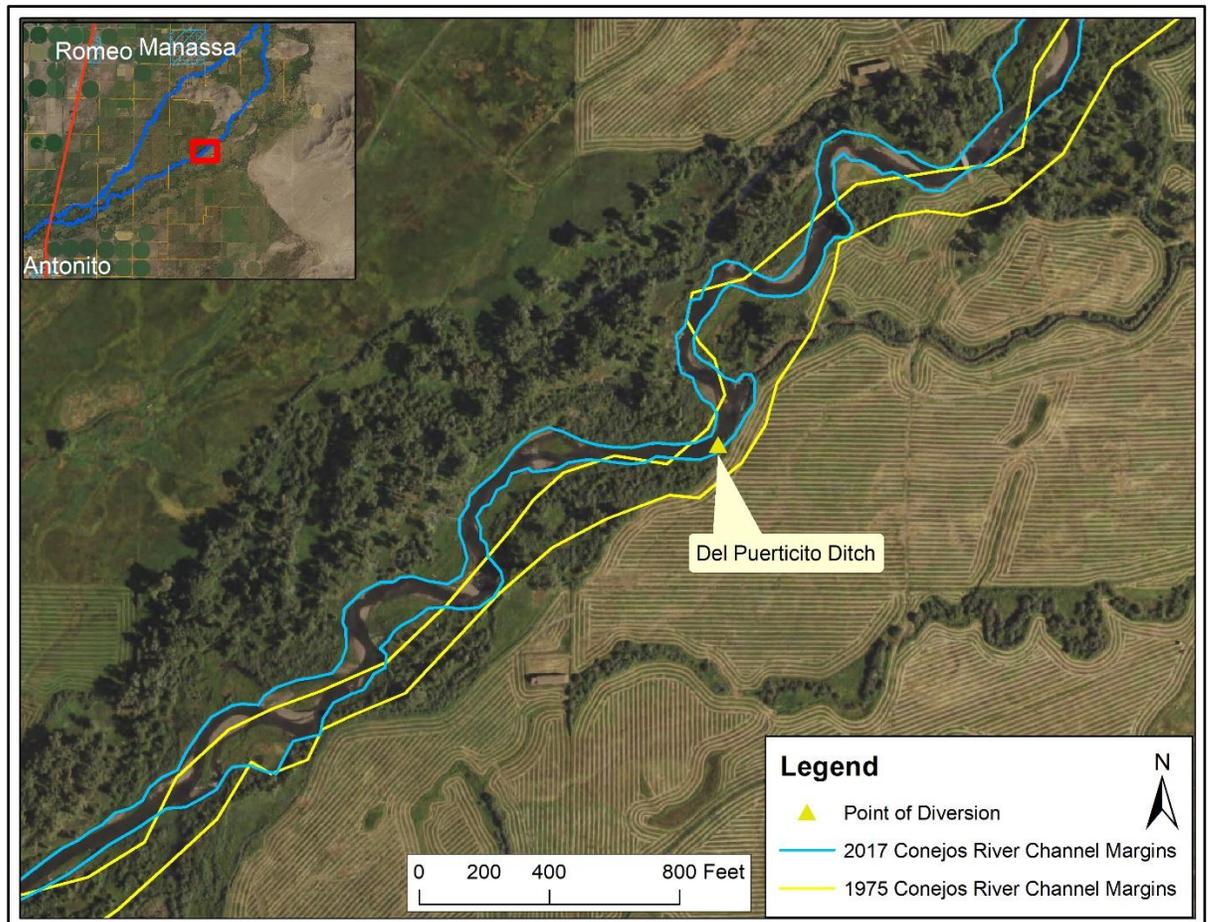
Headgate location and view of channel prior to channel improvements



Bank erosion on Salazar Ditch, downstream of Del Puerticito Ditch



Headgate location with 1998 and 2017 channel margins overlaid



Headgate location with 1975 and 2017 channel margins overlaid