

CONEJOS RIVER

DIVERSION INFRASTRUCTURE INVENTORY

Structure Name: SAN JUAN SAN RAFAEL D

Reported By: Daniel Boyes

Date: April 2, 2019

Headgate	Latitude	Longitude
Location:	37.0616167	-106.096

Headgate Type: Manually operated 6' 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 checked="" type="checkbox"/>	36.79 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: New stacked boulder diversion dam installed.

Structure Description: A feeder channel off the south bank of the Conejos River, approximately 1,500 ft long, directs water to the San Juan San Rafael headgate. The diversion dam is a boulder structure. The headgate sits across the feeder channel on the east bank. A return flow channel with a headgate directs unused water back to the river. The headgate does not seal completely.

Repair(s) or Improvement(s) Currently Needed: The SMP Technical Advisory Team (TAT) recommends headgate repair by installing a rubber mat or otherwise stopping the leak. Upstream of the diversion, the channel has migrated laterally but is not expected to affect the structure.

Comments: This ditch includes priorities 27 and 143 with a total decree of 51.76 cfs.

Notes:

Estimated Range of Cost: Low

Headgate looking downstream



Headgate and diversion dam



Headgate outlet



Feeder channel upstream of headgate



Flume looking south



Flume looking upstream

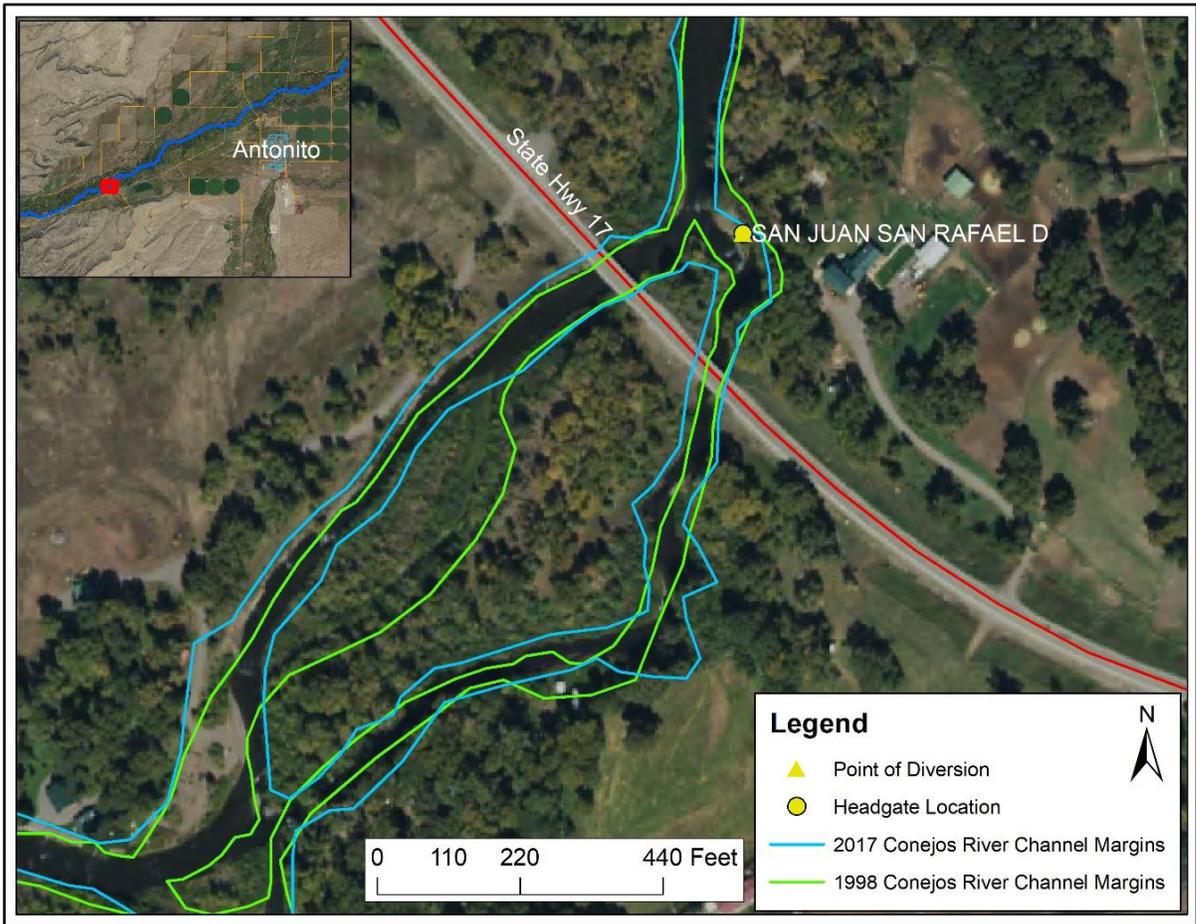


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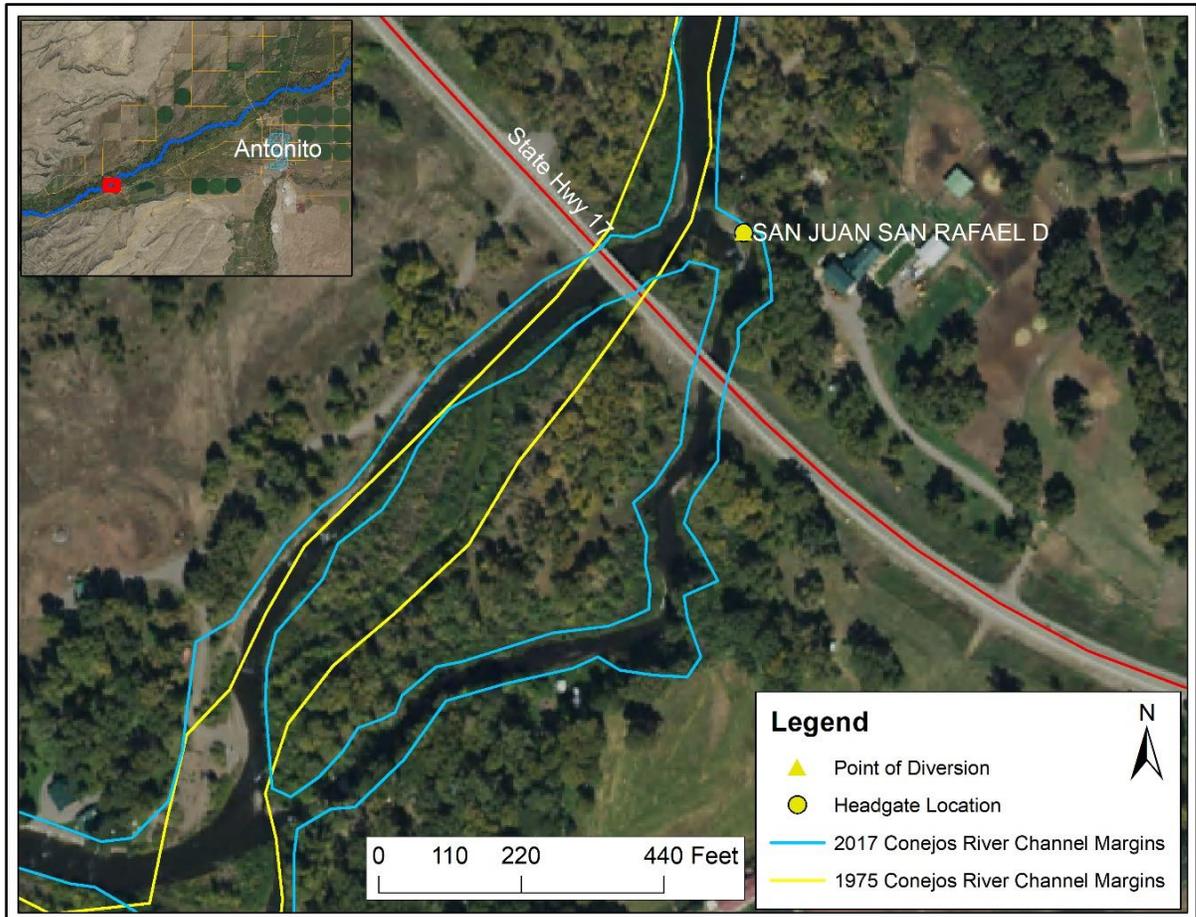
SAN JUAN SAN RAFAEL DITCH

PHOTO LOG

Conejos River Stream
Management Plan



Point of diversion with channel margins from 1998 and 2017 overlaid



Point of diversion with channel margins from 1975 and 2017 overlaid