

CONEJOS RIVER

DIVERSION INFRASTRUCTURE INVENTORY

Structure Name: SAN RAFAEL CONEJOS D

Reported By: Daniel Boyes

Date: April 2, 2019

Headgate	Latitude	Longitude
Location:	37.06998	-106.073694

Headgate Type: Manually operated 4' wide steel slide gates (2).

Headgate	A <input type="checkbox"/>	Diversion and	A <input type="checkbox"/>	River Miles from Rio	Structure	Yes <input checked="" type="checkbox"/>
Condition:	B <input checked="" type="checkbox"/>	Other Condition:	B <input type="checkbox"/>	Grande Confluence	Submerged:	No <input type="checkbox"/>
	C <input type="checkbox"/>		C <input checked="" type="checkbox"/>	(Point of Diversion):		
	D <input type="checkbox"/>		D <input type="checkbox"/>	35.18 mi		
	F <input type="checkbox"/>		F <input type="checkbox"/>			

Repair(s) or Improvement(s) Completed Since 2006: N/A

Structure Description: The river is unstable both upstream and downstream of this structure. Large riprap and vehicles are used to stabilize bank upstream of headgate. The diversion dam is made up of a molasses tank and large boulders that diverts water from the mainstem Conejos River to the headgate, which is located on the east bank of the river. The diversion functions moderately well, however water users have difficulty diverting at low flows. Although the channel has migrated significantly in the past, more recent channel migration analysis shows the channel is relatively stable in this area (see maps below).

Repair(s) or Improvement(s) Currently Needed: Given the issues identified at this structure, the SMP Technical Advisory Team (TAT) recommends making some adjustments and improvements to the diversion dam and replacing existing bank stabilization materials with improved bank stabilization structures. Diversion improvements and bank stabilization would improve river function and allow water users to divert water more effectively).

Comments: This ditch is a priority 13.

Notes:

Estimated Range of Cost: Medium

Headgate looking downstream



Headgate and diversion dam



Headgate outlet



Diversion dam looking downstream



Bank stabilization upstream of headgate



Flume looking downstream

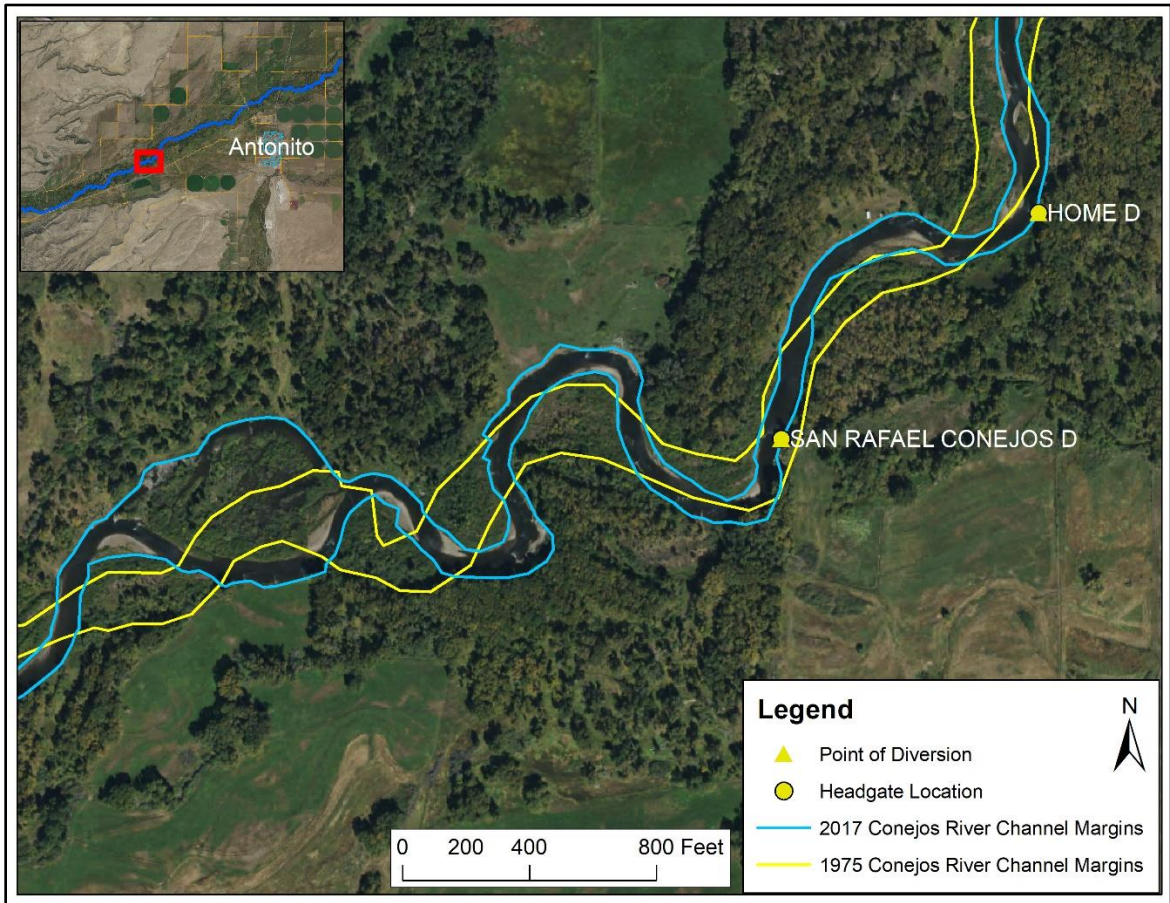


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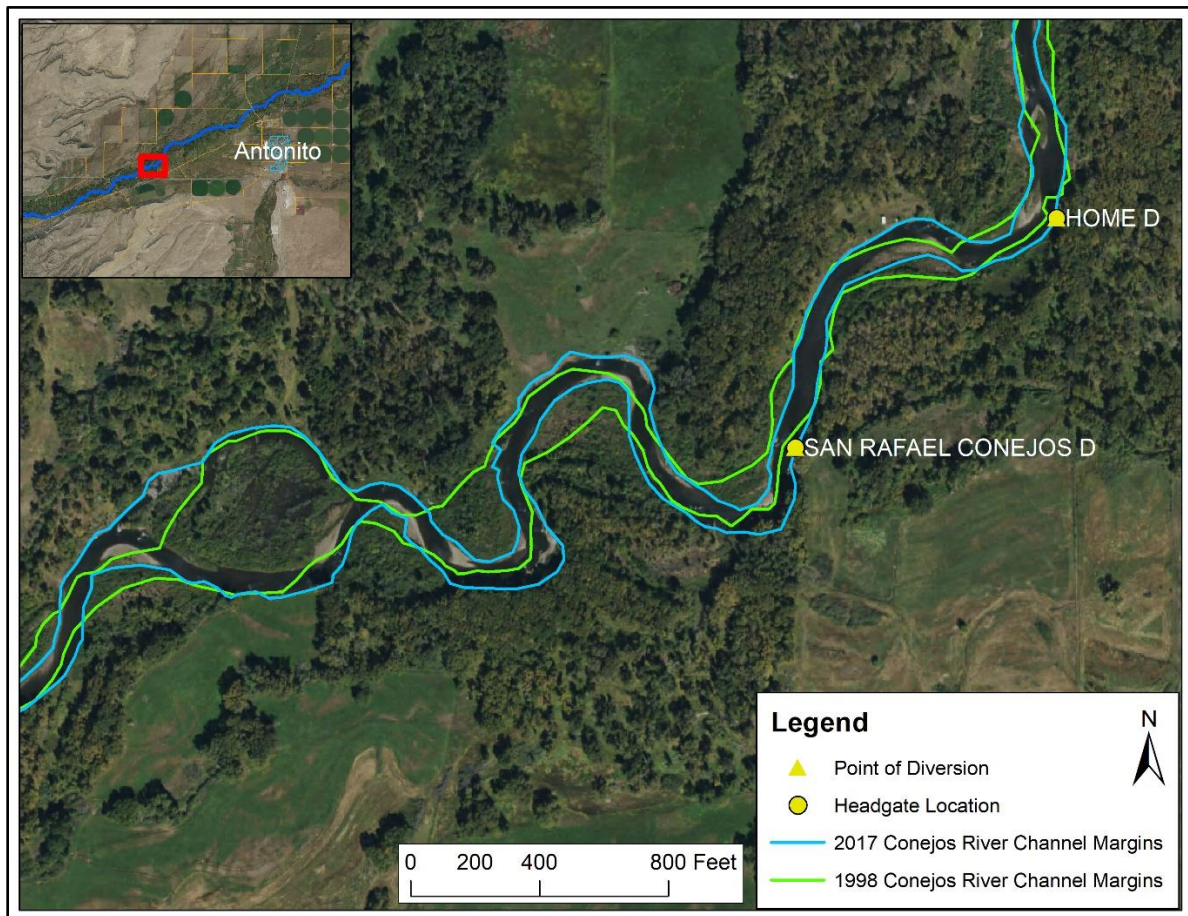
SAN RAFAEL CONEJOS DITCH

PHOTO LOG

Conejos River Stream
Management Plan



San Rafael Conejos Ditch point of diversion with 1975 and 2017 channel margins overlaid.



Point of diversion location with 1975 and 2017 channel margins overlaid.