

# CONEJOS RIVER

## DIVERSION INFRASTRUCTURE INVENTORY

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**Structure Name:** MOGOTE D

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**Reported By:** Daniel Boyes

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**Date:** April 14, 2019

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Headgate	Latitude	Longitude
Location:	37.077543	-106.068913

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**Headgate Type:** Manually operated 15' wide radial gate

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<b>Headgate Condition:</b>	A <input type="checkbox"/>	<b>Diversion and Other Condition:</b>	A <input type="checkbox"/>	<b>River Miles from Rio Grande Confluence (Point of Diversion):</b>	<b>Structure Submerged:</b>	Yes <input checked="" type="checkbox"/>
	B <input checked="" type="checkbox"/>		B <input checked="" type="checkbox"/>	34.52 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"/>			

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

**Structure Description:** The diversion dam is constructed of repurposed molasses tanks and concrete blocks, which direct water to the headgate, located along the north bank of the Conejos River. The headgate does not completely seal when closed and its headwall is spalling. The channel is relatively stable in this reach, although prior to 1998, the channel did experience some migration (see maps in below). A small aggregate berm has been pushed up below the headgate outlet in an attempt to prevent water from flowing down the ditch. The diversion dam can accumulate woody debris and requires maintenance. However, it is not a significant issue for water users. The diversion is currently a barrier to fish passage, especially at low flows.

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**Repair(s) or Improvement(s) Currently Needed:** Given the issues identified at this structure, the SMP Technical Advisory Team (TAT) recommends repairing the headgate and its headwall. A new or repaired headgate would increase efficiency and water control, and reduce maintenance. If any improvements are made to the diversion, the TAT also recommends creating fish passage to increase aquatic habitat connectivity.

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**Comments:** This ditch is a priority 115 with a total decree of 342.4

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**Notes:**

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**Estimated Range of Cost:** Medium

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Headgate looking downstream



Headgate and diversion dam



Headgate outlet



Diversion dam looking upstream



Flume looking downstream



Flume looking upstream

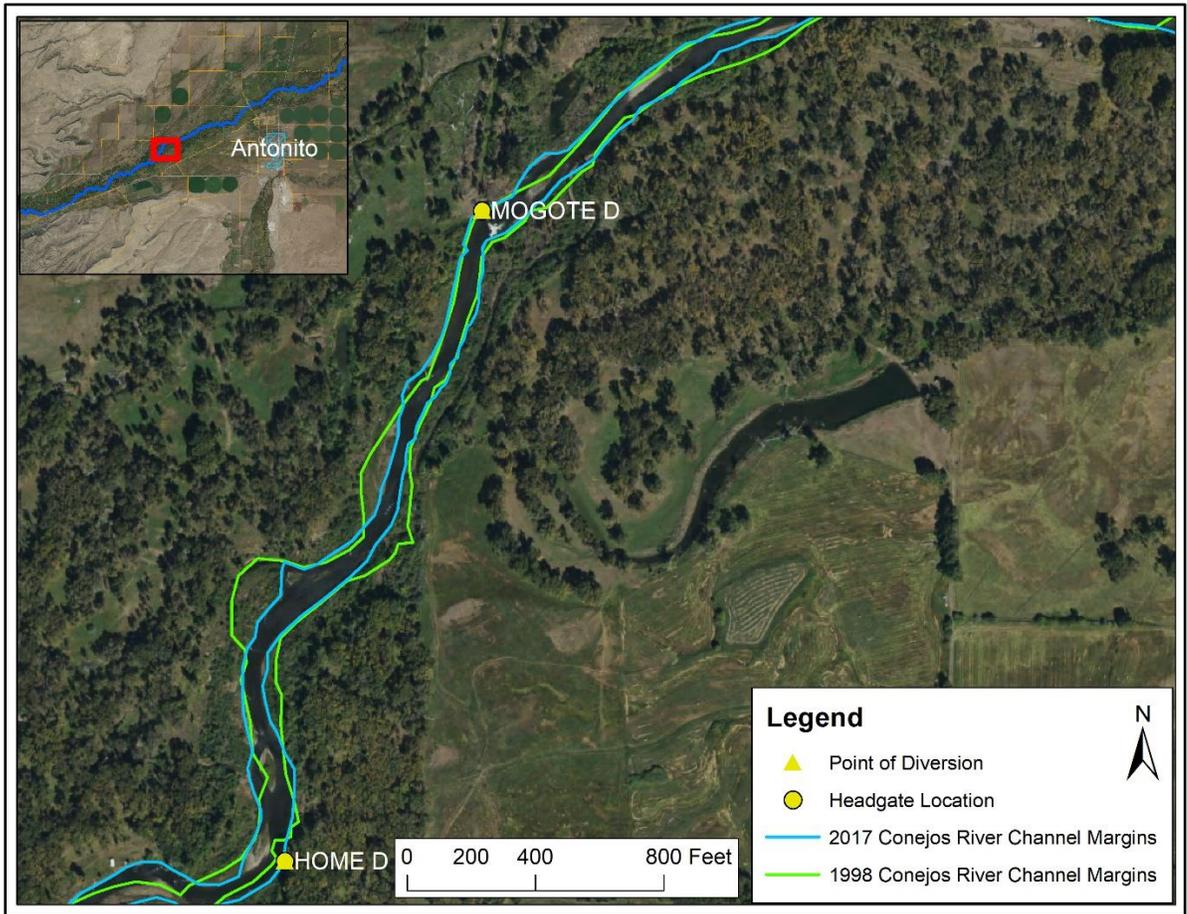


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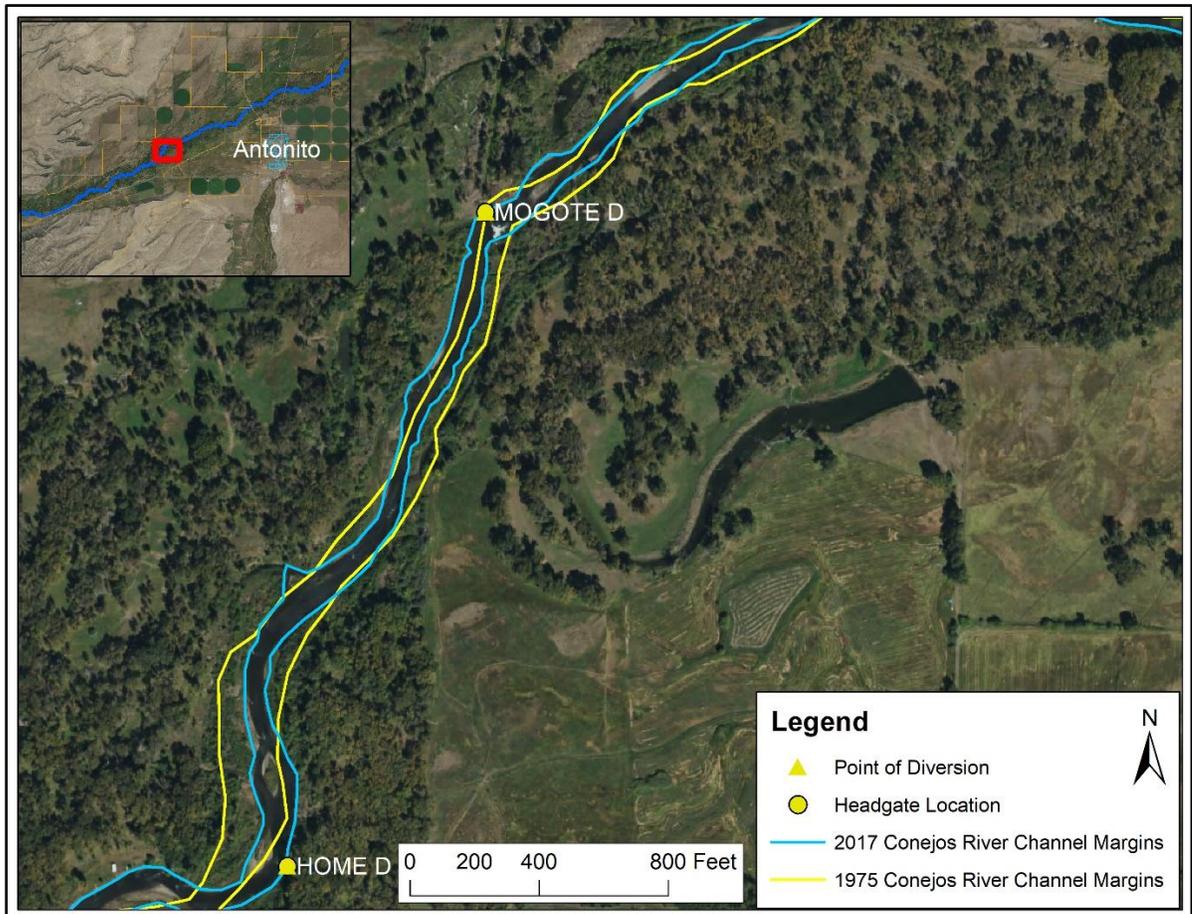
**MOGOTE DITCH**

**PHOTO LOG**

**Conejos River Stream  
Management Plan**



Map of headgate location with 1998 and 2017 channel margins overlaid.



Map of headgate location with 1975 and 2017 channel margins overlaid.