

# CONEJOS RIVER

## DIVERSION INFRASTRUCTURE INVENTORY

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**Structure Name:** LOS OJOS D NO 1

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**Reported By:** Daniel Boyes

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**Date:** April 16, 2019

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Headgate	Latitude	Longitude
Location:	37.2558	-106.86345

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**Headgate Type:** Manually operated 5' wide steel slide gates (2)

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<b>Headgate Condition:</b>	A <input checked="" type="checkbox"/>	<b>Diversion and Other Conditions:</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 type="checkbox"/>		B <input checked="" type="checkbox"/>			No <input type="checkbox"/>
	C <input type="checkbox"/>		C <input type="checkbox"/>	11.65 mi		
	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:** This structure is located just downstream of County Road V. A concrete diversion dam spans the river and directs flow to a short feeder channel on the west bank of the river. Just upstream of the headgate, a trash rack made up a fence and a 4 inch welded wire panel crosses the feeder channel. This structure creates a barrier to fish passage, especially at low flows. However, a barrier is needed within this reach to prevent nonnative carp from traveling upstream and this structure could serve that role. Downstream of the diversion, the channel is experiencing significant lateral migration and accelerated erosion. Immediately below the diversion, the west bank of the river is eroding and the river is widening.

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**Repair(s) or Improvement(s) Currently Needed:** Given these issues, the SMP Technical Advisory Team (TAT) recommends erosion mitigation and riparian revegetation. Channel shaping and/or riparian revegetation would address bank erosion.

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**Comments:** This ditch is a priority 63.

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**Notes:**

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**Estimated Range of Cost:** Medium

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Headgate looking downstream



Diversion dam



Headgate outlet



Channel downstream of diversion dam



Flume looking downstream



Flume looking upstream

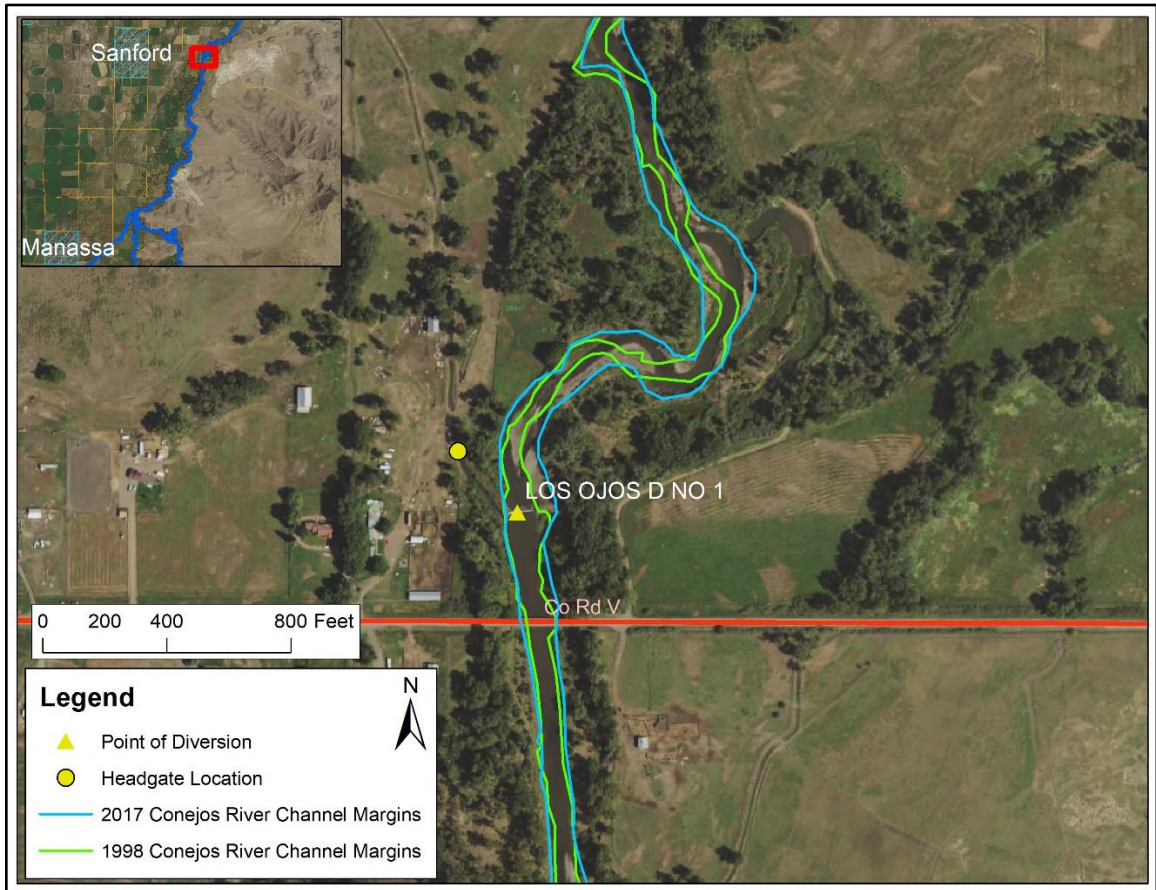


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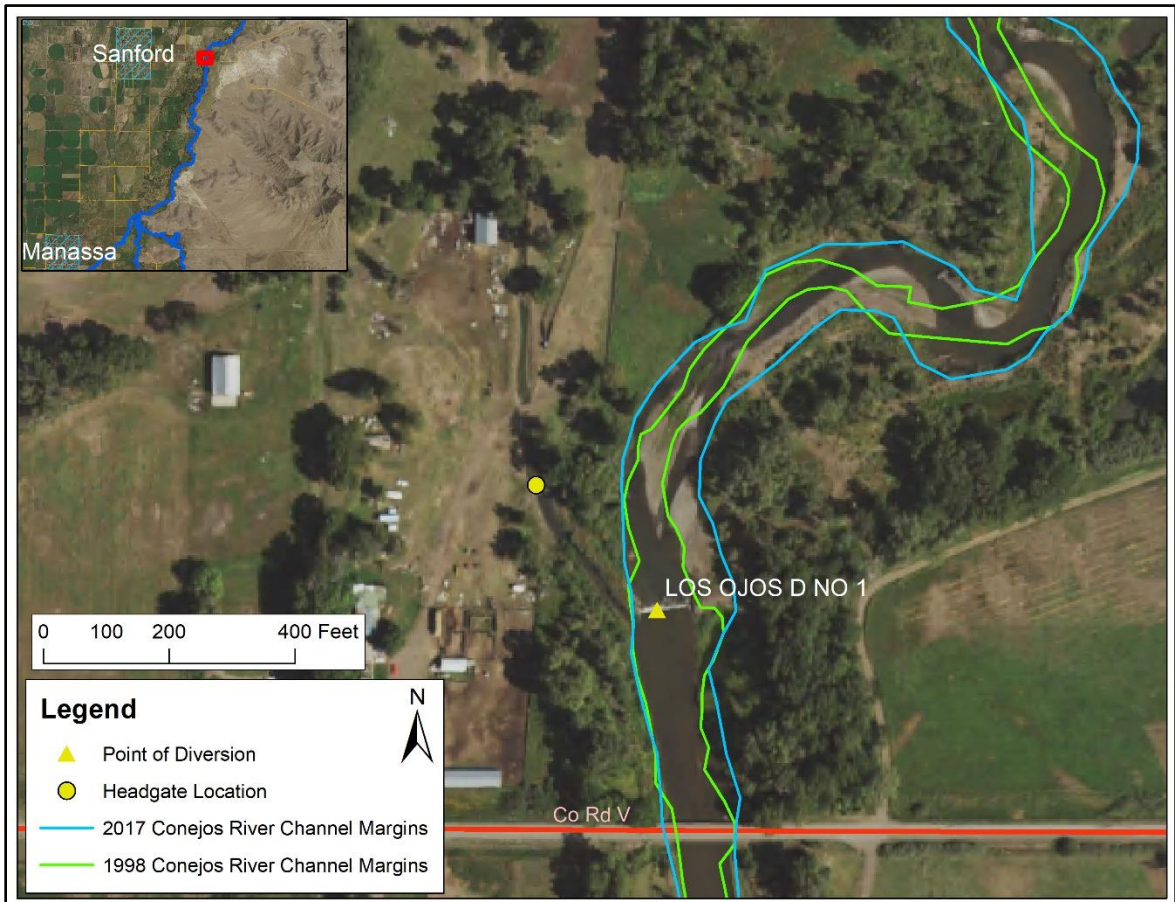
LOS OJOS D NO 1

PHOTO LOG

Conejos River Stream  
Management Plan



Map of headgate location with 1998 and 2015 channel margins overlaid.



Close-up map of headgate location with 1998 and 2015 channel margins overlaid.