

RIO GRANDE DIVERSION INFRASTRUCTURE INVENTORY

Structure Name: CONSOLIDATED SLOUGH WEIR

Reported By: Daniel Boyes

Date: April 1, 2019

Headgate	Latitude	Longitude
Location:	37.60963333	-106.19861667

Headgate Type: Concrete diversion dam with 6' wide check board gates (3)

Headgate Condition:	A <input type="checkbox"/>	Diversion and Other Condition:	A <input type="checkbox"/>	River Miles from New Mexico State Line (Point of Diversion):	Structure Submerged: Yes <input checked="" type="checkbox"/>
	B <input checked="" type="checkbox"/>		B <input checked="" type="checkbox"/>		No <input type="checkbox"/>
	C <input type="checkbox"/>		C <input type="checkbox"/>	89.37 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: The Consolidated Ditch's headgate and diversion dam on the Rio Grande, which service this structure, were replaced in 2019 as part of the Rio Grande Headwaters Restoration Project's 5 Ditches Project. They now function well.

Repair(s) or Improvement(s) Currently Needed: None, this structure functions well.

Structure Description: Water is diverted off the Rio Grande via the Consolidated Ditch diversion located on the south bank of the river. The Consolidated Ditch headgate delivers water to the feeder ditch, which transports water ~3.12 miles to the Consolidated Slough Weir. The Consolidated Slough Weir diverts water from the Consolidated Ditch feeder to four separate headgates, each with a short feeder ditch. The structure creates head pressure for the following headgates: Atencio Ditch, Anderson Ditch, Rio Grande Lariat Ditch, and the Rio Grande San Luis Ditch (in order from east to west).

Comments: The structure uses check boards to raise the upstream water level. It is in good condition, and functions well.

Notes:

Estimated Range of Cost: N/A

Weir looking downstream



Weir looking upstream



Aerial view of structure



RIO GRANDE DIVERSION INFRASTRUCTURE INVENTORY

CONSOLIDATED SLOUGH WEIR

PHOTO LOG

Rio Grande Stream
Management Plan