

# 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)

---

<b>Headgate Condition:</b>	A <input type="checkbox"/>	<b>Diversion and Other Condition:</b>	A <input type="checkbox"/>	<b>River Miles From New Mexico State Line (Point Of Diversion):</b>	<b>Structure Submerged:</b> 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:** None

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

---

**Structure Description:** Water is diverted off the Rio Grande via the CONSOLIDATED SOUGH D diversion located on the south bank of the river. The CONSOLIDATED SOUGH D headgate delivers water to the feeder ditch, which transports water ~3.12 miles to the CONSOLIDATED SLOUGH WEIR. The CONSOLIDATED SLOUGH D WEIR diverts water from the CONSOLIDATED SLOUGH D four separate headgates, each with a short feeder ditch. The structure creates head pressure for the following headgates: ATENCIO D, ANDERSON D, RIO GRANDE LARIAT D, and RIO GRANDE SAN LUIS D (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