

RIO GRANDE DIVERSION INFRASTRUCTURE INVENTORY

Structure Name: RIO GRANDE SAN LUIS D

Reported By: Daniel Boyes

Date: April 1, 2019

Headgate	Latitude	Longitude
Location:	37.60945	-106.1992

Headgate Type: Manually operated 2.5' wide steel slide gates (2)

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 type="checkbox"/>
	B <input type="checkbox"/>		B <input checked="" type="checkbox"/>	89.38 mi	No <input checked="" type="checkbox"/>	
	C <input checked="" type="checkbox"/>		C <input type="checkbox"/>			
	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 headgate and diversion dam on the Rio Grande were replaced in 2019 as part of the Rio Grande Headwaters Restoration Project's 5 Ditches Project, in partnership with the NRCS, RGHRP, and the ditch company. They now function well.

Structure Description: Water is diverted off the Rio Grande via the Consolidated Slough Ditch diversion located on the south bank of the river. The Consolidated Slough Ditch headgate delivers water to the feeder channel, which transports water approximately 3.12 miles to the Rio Grande San Luis Ditch headgate. The headgate is adjacent to the Anderson Ditch, Rio Grande Lariat Ditch, and Atencio Ditch. The Consolidated Slough Weir diverts water to a short feeder channel and to the Rio Grande San Luis Ditch headgate. The headgate leaks badly, however the headwall is sound.

Repair(s) or Improvement(s) Currently Needed: The SMP Technical Advisory Team (TAT) recommends headgate replacement to increase water delivery efficiency and reduce maintenance.

Comments: This ditch includes priorities 156, 204, 217, 220, 298, 1903-22D, 1903-30E, 1903-34F, and 1903-57E.

Notes:

Estimated Range of Cost: Low

Headgate looking downstream



Headgate outlet



Ditch downstream of headgate



Diversion dam (Consolidated Slough Weir)



Flume looking downstream



Flume looking upstream

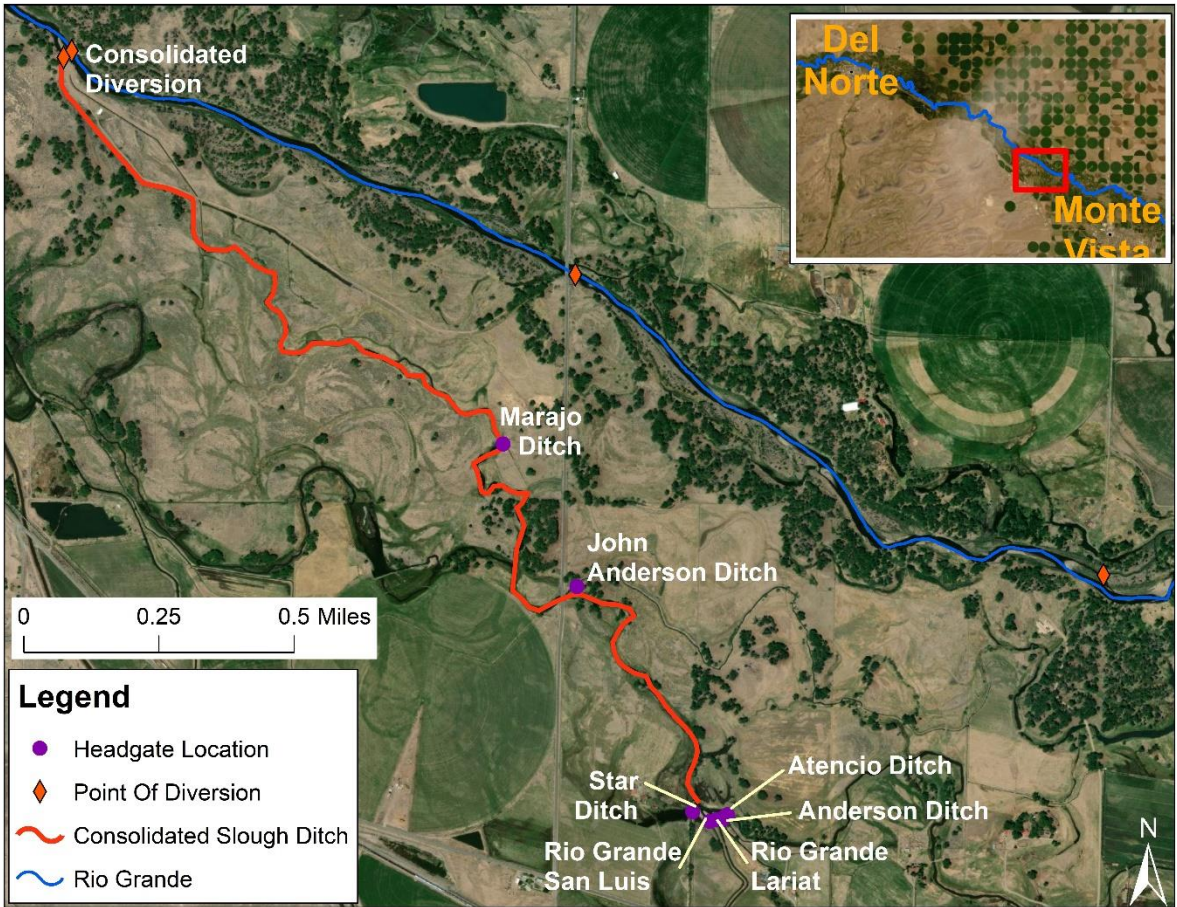


RIO GRANDE DIVERSION INFRASTRUCTURE INVENTORY

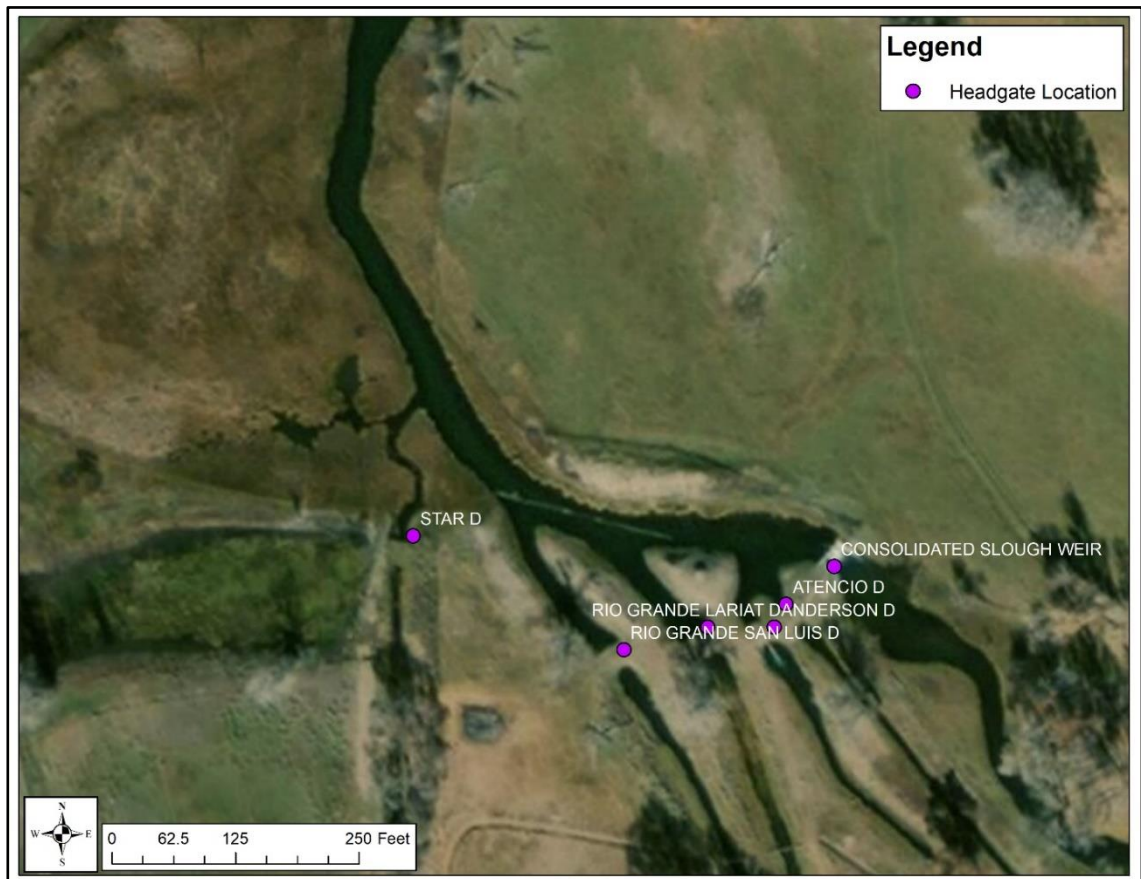
RIO GRANDE SAN LUIS DITCH

PHOTO LOG

Rio Grande Stream
Management Plan



Consolidated Ditch diversion, feeder ditch, and headgates serviced, including Atencio Ditch



Map of headgate location on the Consolidated Slough