

RIO GRANDE DIVERSION INFRASTRUCTURE INVENTORY

Structure Name: RIO GRANDE D 1

Reported By: Daniel Boyes

Date: April 9, 2019

Headgate	Latitude	Longitude
Location:	37.68386667	-106.3448

Headgate Type: Manually operated 3' wide steel slide gate

Headgate Condition: A <input type="checkbox"/>	Diversion and Other Condition: A <input type="checkbox"/>	River Miles From New Mexico State Line (Point Of Diversion): 100.27 mi	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"/>		
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: The headgate functions well, but is aging. It may need repairs or replacement in the near future. The flume functions well but could be reset. Existing fish and boat passage should be maintained and riparian restoration should be considered as part of any future repairs or improvements.

Structure Description: This structure is just upstream of where the Rio Grande splits, the North Channel being controlled with wood slide gates (8) and the South Channel being the location of a boulder diversion dam. The headgate is located on the south bank of the Rio Grande. A small boulder diversion dam directs water to the headgate and the ditch then runs southeast from the river. The ditch also utilizes head pressure from the downstream Rio Grande Splitter. On an annual basis, San Luis Valley Irrigation District uses heavy equipment to maintain "push-up" dam to form the South Channel diversion dam.

Comments: This ditch includes priorities 8, 285, 1903-411, and 1916-16.

Notes:

Estimated Range of Cost: Low

Headgate entrance



Headgate looking downstream



Headgate outlet



Rio Grande splitter looking upstream



Flume looking downstream



Flume looking upstream

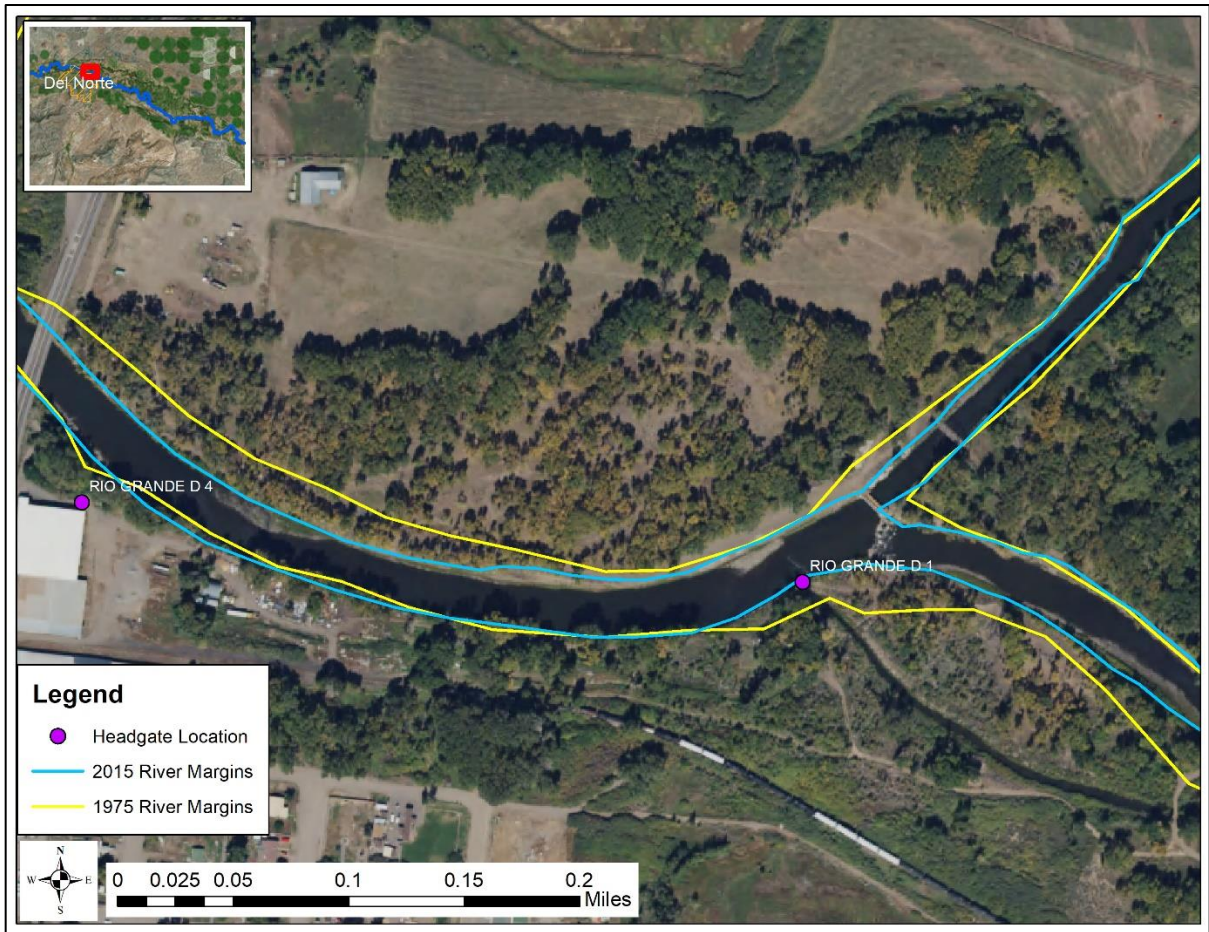


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PHOTO LOG

Rio Grande Stream
Management Plan



Map of Rio Grande Ditch 1 headgate and point of diversion locations, just upstream of the Rio Grande Splitter. 1975 and 2015 channel margins are overlaid.