

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):	Structure Submerged: Yes <input checked="" type="checkbox"/>
B <input checked="" type="checkbox"/>	B <input type="checkbox"/>	100.27 mi	No <input type="checkbox"/>
C <input type="checkbox"/>	C <input type="checkbox"/>		
D <input type="checkbox"/>	D <input checked="" type="checkbox"/>		
F <input type="checkbox"/>	F <input type="checkbox"/>		

Repair(s) or Improvement(s) Completed Since 2006: None

Structure Description: This structure is just upstream of where the Rio Grande bifurcates into the North and South Channels of the Rio Grande. Flows to the North Channel are controlled by the Rio Grande Splitter (see below). This structure's headgate is located on the south bank of the Rio Grande. A small push-up diversion dam directs water to the headgate and the ditch runs southeast from the river. During low flows, this ditch has difficulty diverting water effectively.

Repair(s) or Improvement(s) Currently Needed: This structure's headgate functions well but is aging. The flume functions moderately well but could be reset. The SMP Technical Advisory Team (TAT) recommends replacing the diversion dam with a structure that effectively diverts water at all flow levels. Additionally, headgate and flume repairs are recommended in the near future.

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

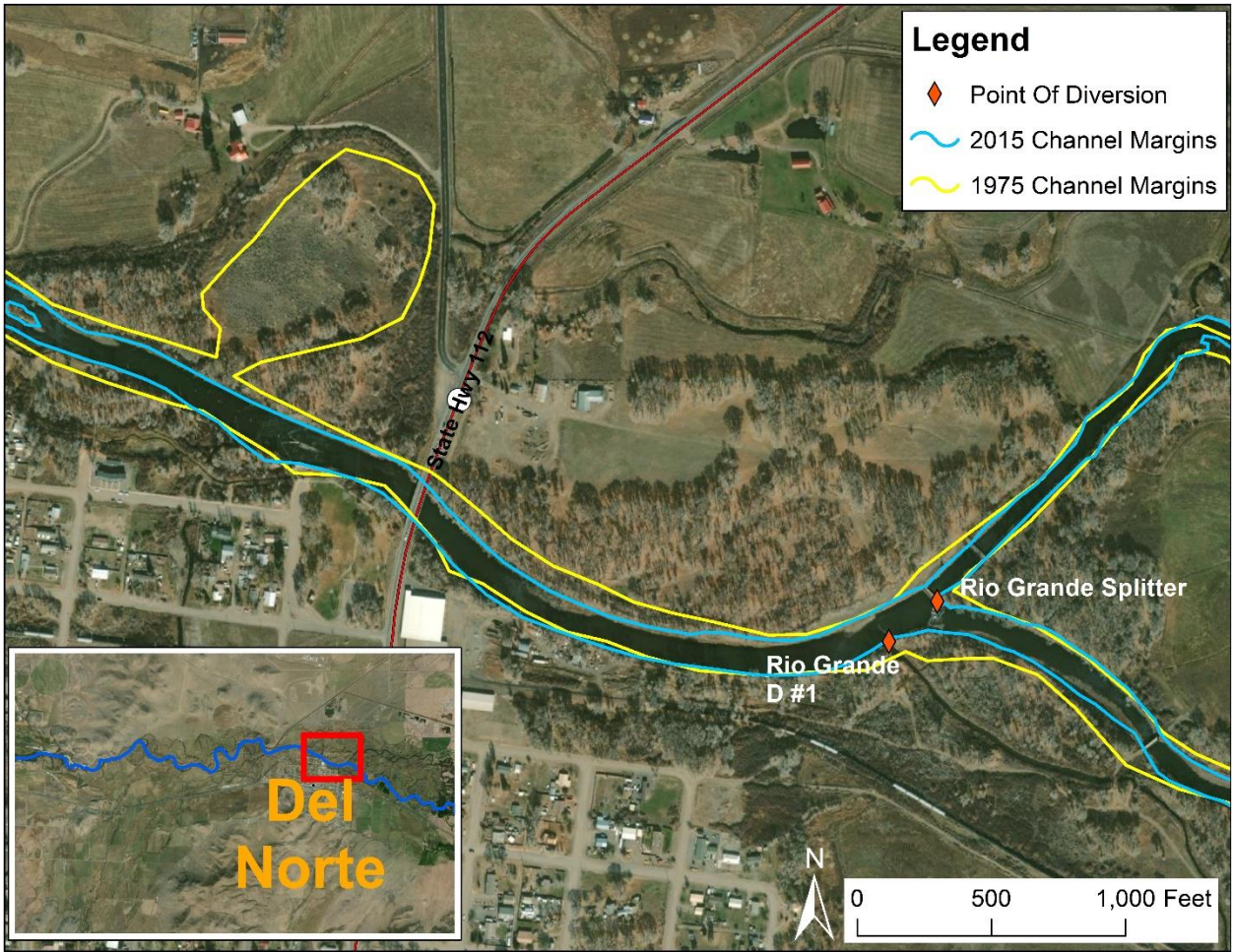


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PHOTO LOG

**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.



Headgate and diversion dam looking upstream