

RIO GRANDE DIVERSION INFRASTRUCTURE INVENTORY

Structure Name: JOHN ANDERSON D

Reported By: Daniel Boyes

Date: April 1, 2019

Headgate	Latitude	Longitude
Location:	37.6157	-106.20378333

Headgate Type: Manually operated 2' wide steel stop 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): 89.38 mi	Structure Submerged: Yes <input type="checkbox"/>
B <input type="checkbox"/>	B <input checked="" type="checkbox"/>		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 (RGHRP) 5 Ditches Project, a partnership between RGHRP, NRCS, and the ditch company. They now function well.

Structure Description: This structure is located approximately 1.8 miles downstream of the Consolidated Ditch diversion. A short feeder channel just downstream of County Rd 3W branches off of the Consolidated Slough, which directs water to the headgate, which is aging and difficult to operate. The downstream adjustment and return flow structure are approximately 0.5 mile downstream. The flume could not be located at the time of inspection but the water commissioners confirmed that it measures accurately.

Repair(s) or Improvement(s) Currently Needed: The SMP Technical Advisory Team (TAT) recommends headgate replacement for ease of use and efficient water delivery.

Comments: This ditch is a priority 193.

Notes:

Estimated Range of Cost: Low

Headgate looking downstream



Diversion dam on feeder ditch



Headgate outlet



Diversion dam



Flume looking downstream



Flume looking upstream

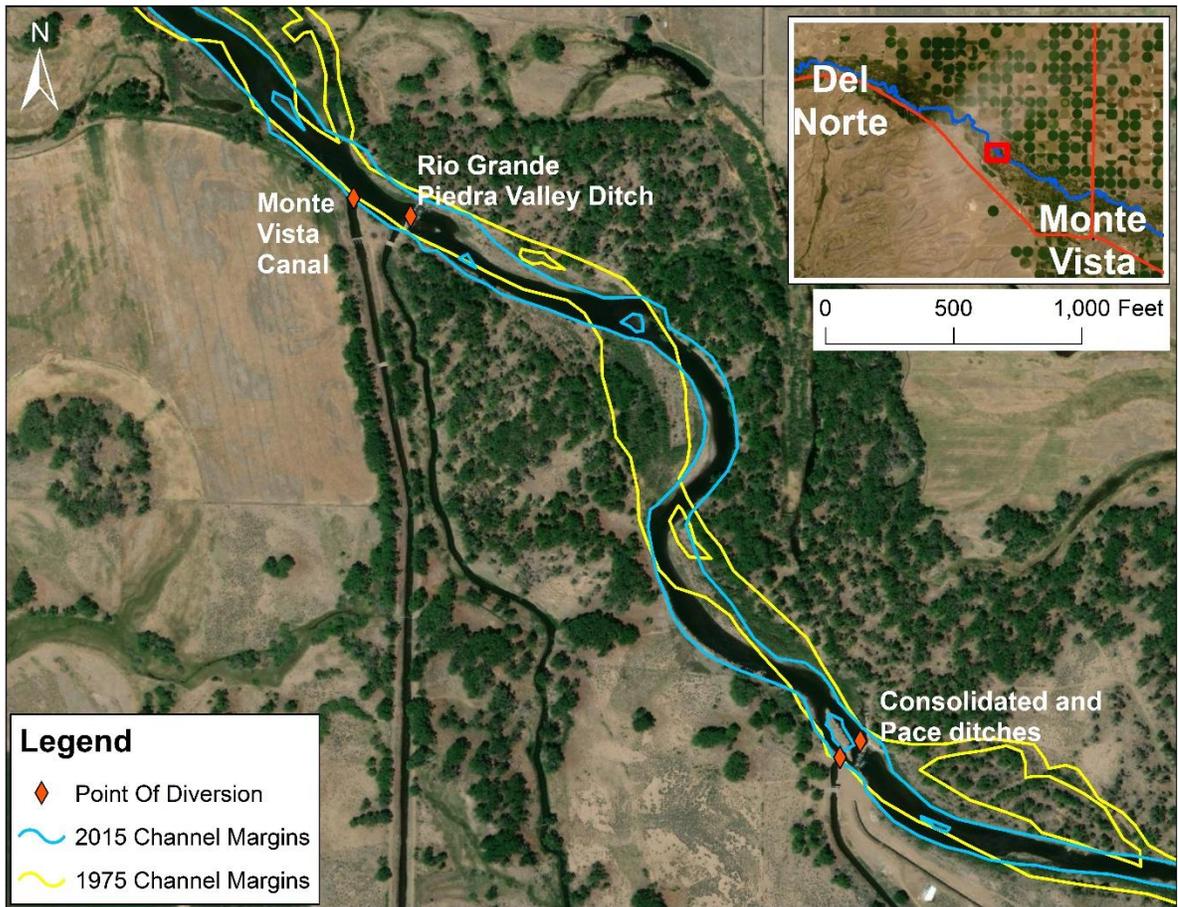


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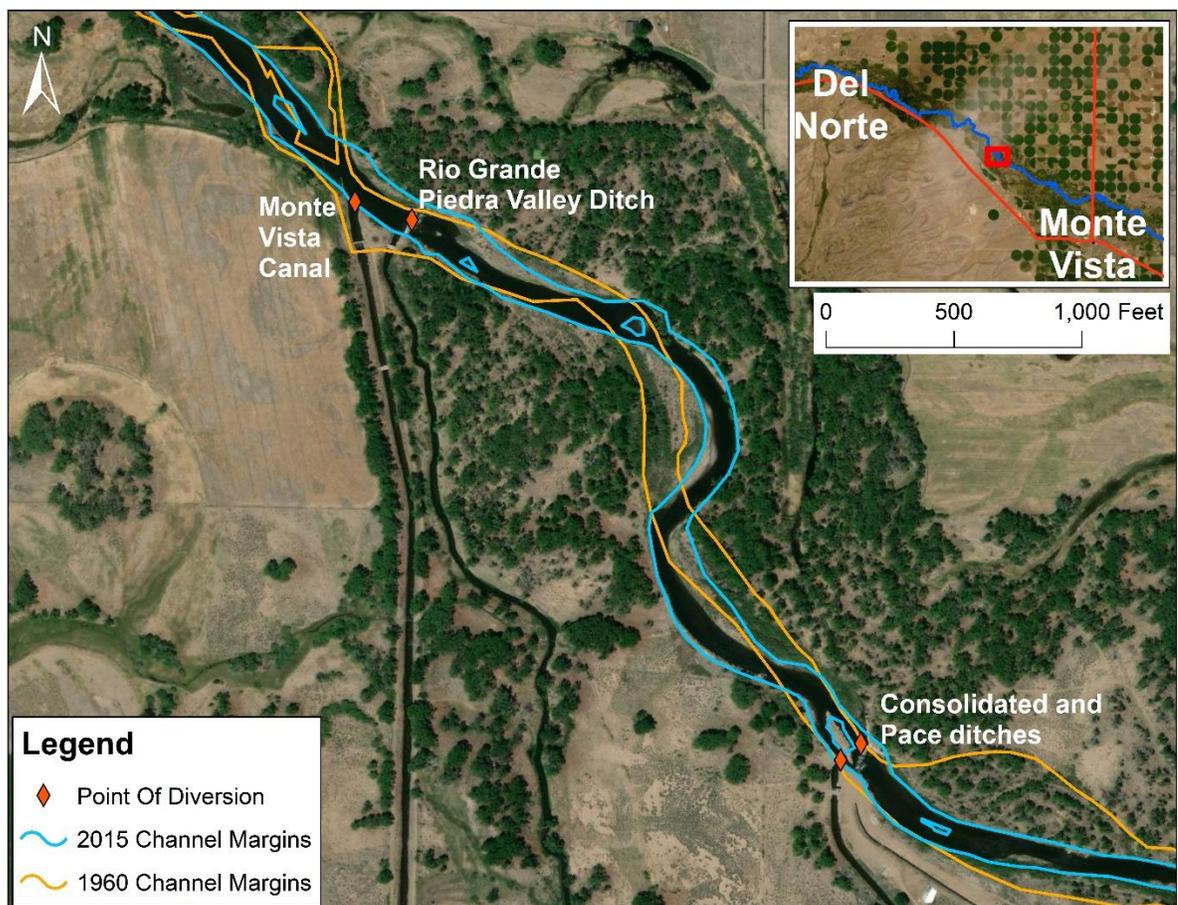
JOHN ANDERSON DITCH

PHOTO LOG

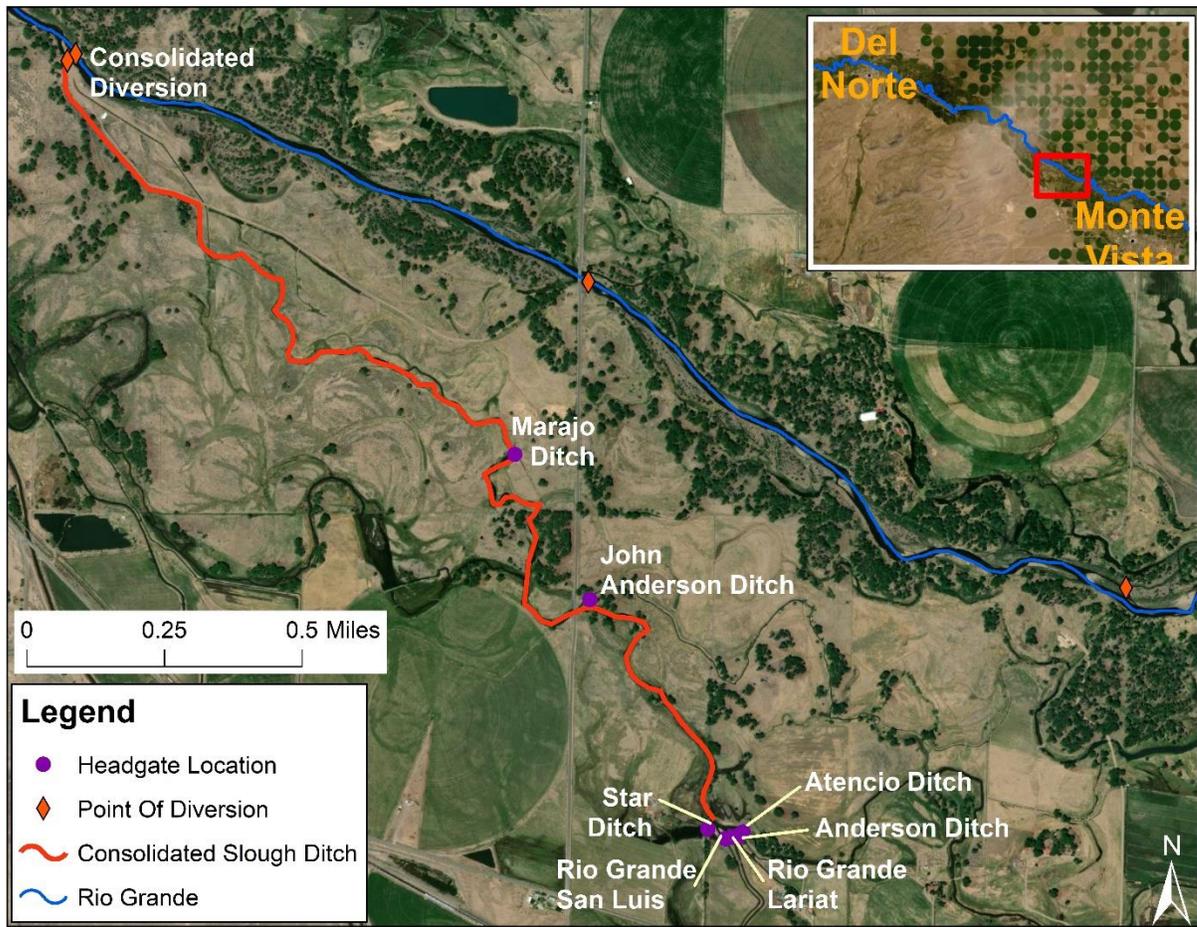
Rio Grande Stream
Management Plan



Consolidated Ditch diversion dam with 1975 and 2015 channel margins overlaid. This map also shows the gravel bar upstream of the diversion (outlined in blue).



Consolidated Ditch diversion dam with 1960 and 2015 channel margins overlaid



Consolidated Ditch diversion and associated ditches