

RIO GRANDE DIVERSION INFRASTRUCTURE INVENTORY

Structure Name: RIO GRANDE D 2

Reported By: Daniel Boyes

Date: April 9, 2019

Headgate	Latitude	Longitude
Location:	37.6868	-106.33553333

Headgate Type: Manually operated 2' wide steel slide gate

Headgate Condition:	A <input checked="" type="checkbox"/>	Diversion and Other Condition:	A <input checked="" type="checkbox"/>	River Miles from North Channel Rio Grande Terminus (Point of Diversion):	Structure Submerged:	Yes <input checked="" type="checkbox"/>
	B <input type="checkbox"/>		B <input 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"/>	6.29 mi		

Repair(s) or Improvement(s) Completed Since 2006: As part of the Rio Grande Headwaters Restoration Project's Five Ditches Project, a partnership between the NRCS, RGHRP, and the ditch company, a full structure replacement was completed in 2018. The project included a new diversion dam and headgate as well as bank stabilization and riparian revegetation near the structure. The diversion dam is now a rock cross vane that is passable by both fish and boats. The surrounding banks were reinforced with boulders and restored with riparian vegetation.

Structure Description: This structure is located on the north bank of the river in the transition zone between two meanders. The river has migrated very little in the last 40 years and is not expected to migrate significantly in the future. A rock cross vane diversion dam diverts water to the headgate, which is located on the north bank of the river. The old headgate still exists downstream of the main headgate (see photos below).

Repair(s) or Improvement(s) Currently Needed: No immediate repair needs were identified at the time of inspection.

Comments: This ditch includes priorities 83, and 200.

Notes:

Estimated Range of Cost: N/A

Headgate looking downstream



Headgate outlet



Old headgate below new headgate



Headgate and diversion dam



Channel looking downstream



Flume looking downstream

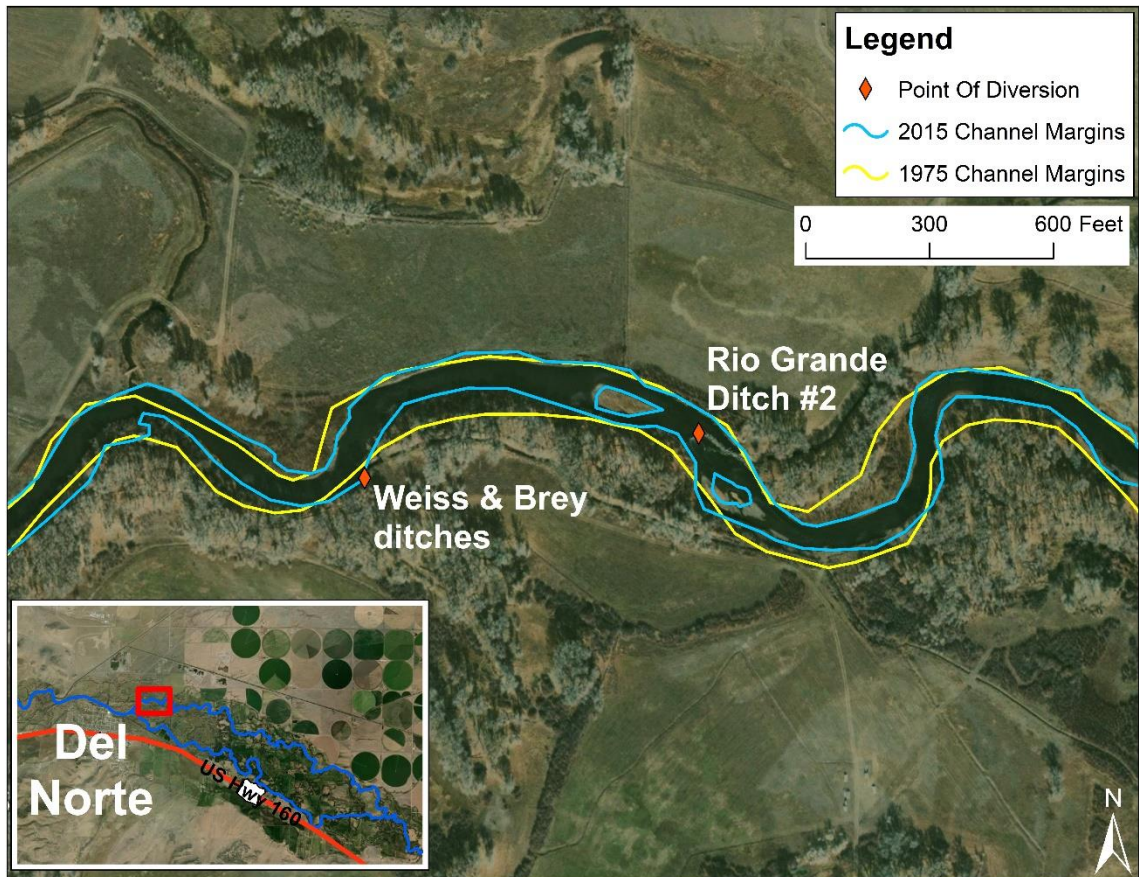


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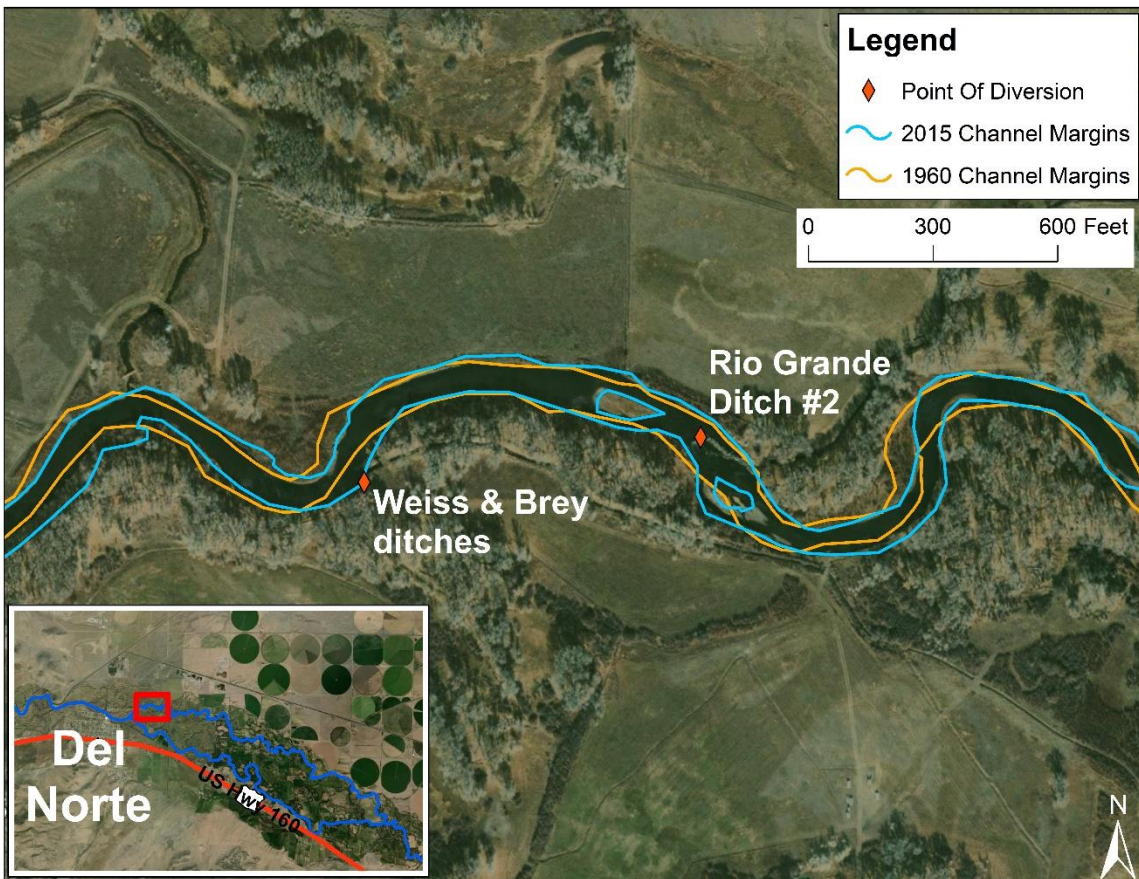
RIO GRANDE D 2

PHOTO LOG

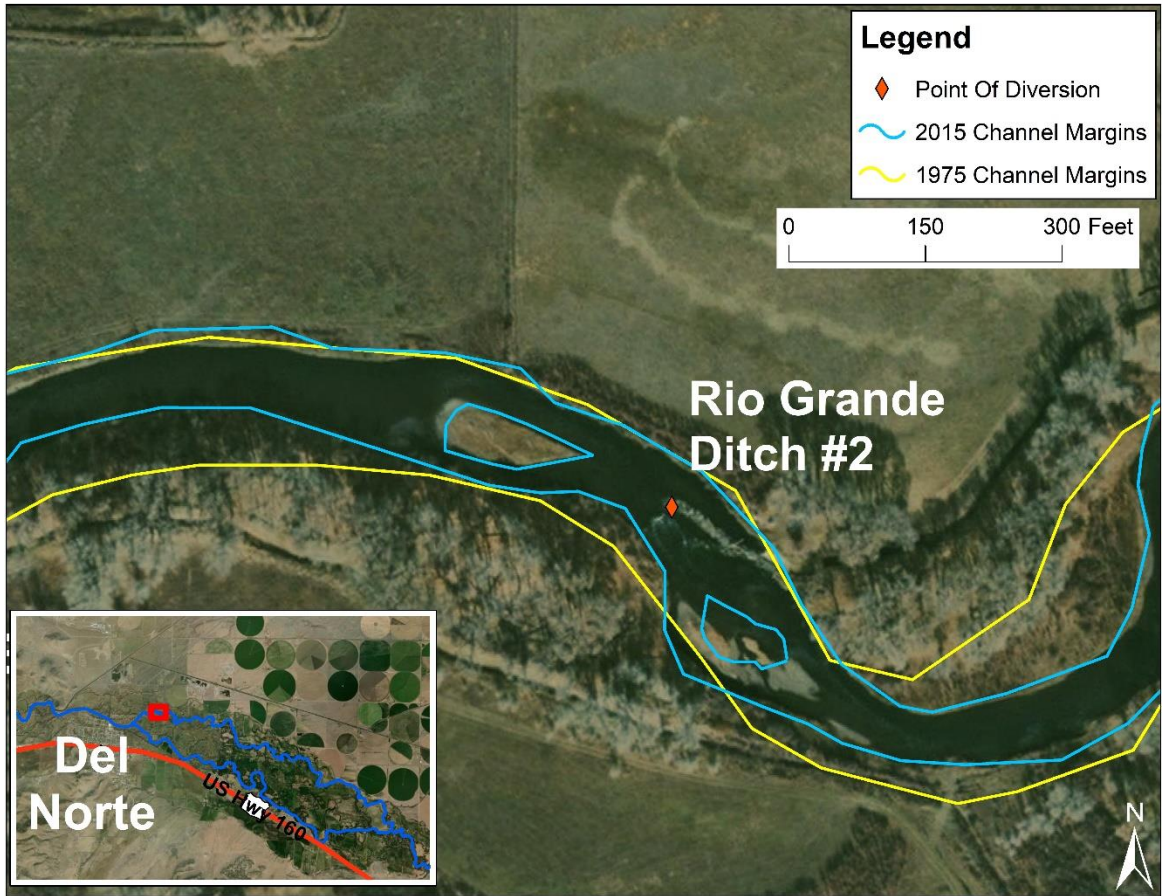
Rio Grande Stream
Management Plan



Map showing headgate location with 1975 to 2015 channel margins overlaid.



Map showing headgate location with 1960 to 2015 channel margins overlaid.



Close-up map showing headgate location with 1975 to 2015 channel margins overlaid.