

RIO GRANDE DIVERSION INFRASTRUCTURE INVENTORY

Structure Name: OFF D

Reported By: Daniel Boyes

Date: April 9, 2019

Headgate	Latitude	Longitude
Location:	37.67933333	-106.31195

Headgate Type: Manually operated 3' wide steel slide gate

Headgate Condition:	A <input checked="" type="checkbox"/>	Diversion and Other Condition:	A <input type="checkbox"/>	River Miles from North Channel Rio Grande Terminus (Point of Diversion):	Structure Submerged: Yes <input type="checkbox"/>
	B <input type="checkbox"/>		B <input checked="" type="checkbox"/>	4.15 mi	No <input checked="" 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: The headgate was replaced in 2017.

Structure Description: Channel migration analysis shows the river is stable in the area immediately surrounding this structure. A concrete and rock diversion dam spans the river channel just downstream of the structure, directing water to a short feeder channel and the headgate, which sits along the south bank of the Rio Grande. The diversion functions moderately well but has washed out during previous high flow events and is a maintenance need for water users. A wire fence serves as a trash rack at the entrance of the feeder channel.

Repair(s) or Improvement(s) Currently Needed: Given the diversion dam maintenance need, the SMP Technical Advisory Team (TAT) recommends improving or replacing the diversion with a new stacked rock structure that is more resilient during high flow events.

Comments: This ditch is a priority 81.

Notes:

Estimated Range of Cost: Low

Headgate looking downstream



Headgate and trash rack



Headgate outlet



Diversion dam and feeder ditch



North Channel Rio Grande looking upstream



Flume looking upstream

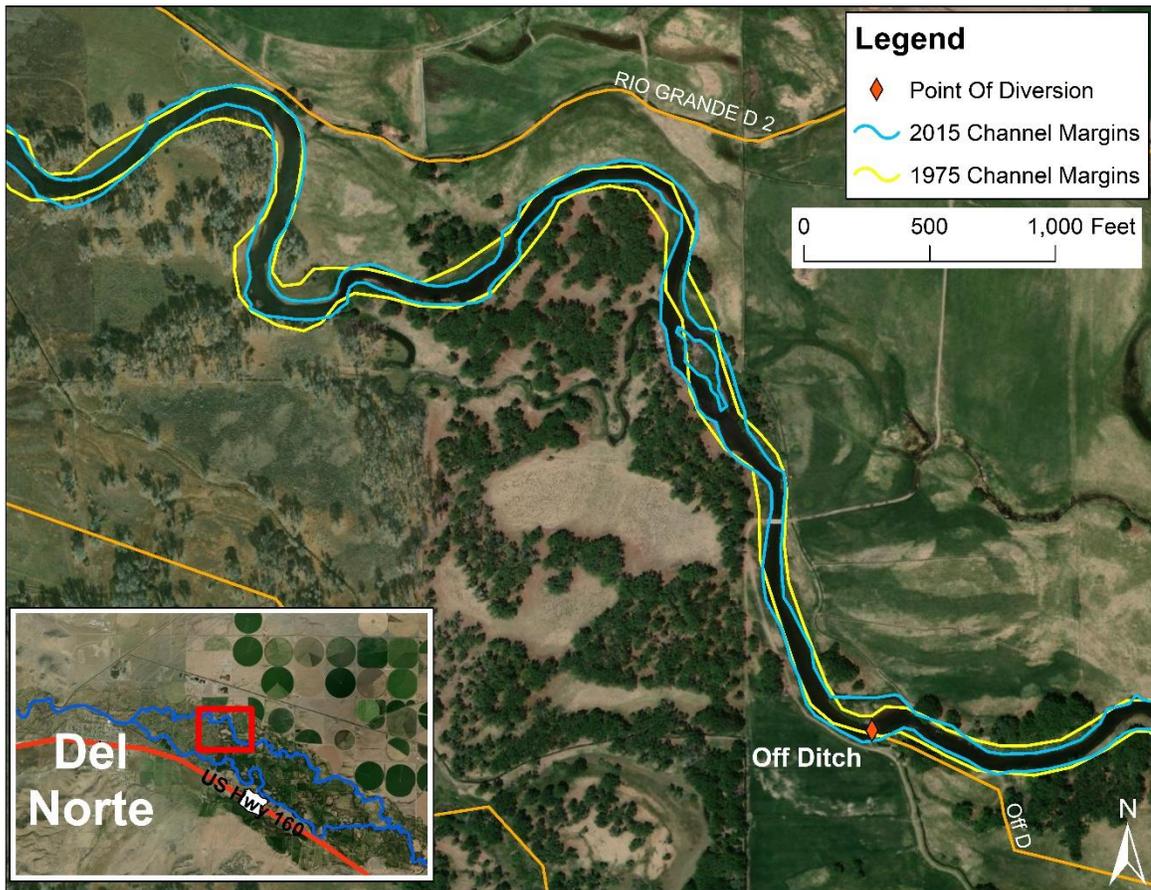


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OFF DITCH

PHOTO LOG

**Rio Grande Stream
Management Plan**



Map of headgate with 1975 and 2015 channel margins overlaid.