

RIO GRANDE DIVERSION INFRASTRUCTURE INVENTORY

Structure Name: MARAJO D

Reported By: Daniel Boyes

Date: April 1, 2019

Headgate	Latitude	Longitude
Location:	37.6195	-106.20633333

Headgate Type: Manually operated 2' 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 type="checkbox"/>
	B <input type="checkbox"/>		B <input type="checkbox"/>		No <input checked="" type="checkbox"/>
	C <input checked="" type="checkbox"/>		C- <input checked="" type="checkbox"/>	89.38 mi	
	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 5 Ditches Project, in partnership with the NRCS, RGHRP, and the ditch company. They now function well.

Repair(s) or Improvement(s) Currently Needed: The headgate is aging and requires maintenance. The diversion dam on the feeder ditch does not function very well and should be reset or replaced. The corrugated steel sheet pile along the side of the diversion dam is heaving and should be repaired Or replaced. The flume gets submerged at high flows and should be reset to improve its accuracy.

Structure Description: This structure is serviced by the Consolidated Slough Ditch and is located 1.3 miles down the Slough. There is a corrugated steel sheet pile diversion dam along the Slough that diverts water to the headgate, which sits along the bank of the east bank of the slough.

Comments: This ditch includes priorities 231, 242, and 345.

Notes:

Estimated Range of Cost: Moderate

Headgate looking downstream



Headgate and diversion dam (on feeder ditch)



Headgate outlet



Diversion dam on Rio Grande



Aerial image showing headgate and diversion dam



Flume looking downstream

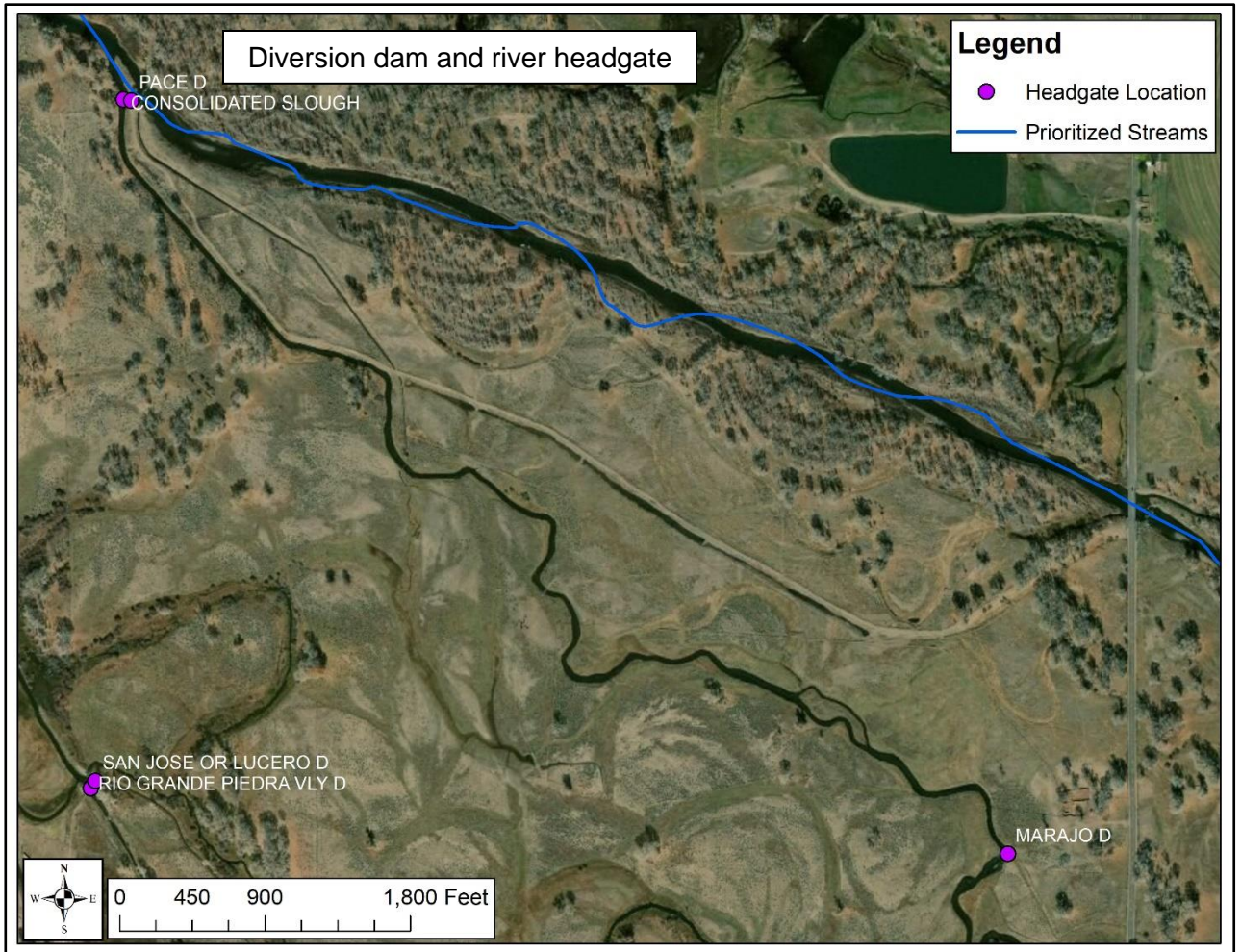


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MARAJO DITCH

PHOTO LOG

**Rio Grande Stream
Management Plan**



Map showing the locations of Marajo Ditch diversion dam, feeder ditch, and headgate