

# RIO GRANDE DIVERSION INFRASTRUCTURE INVENTORY

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**Structure Name:** MIDLAND D

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**Reported By:** Daniel Boyes

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**Date:** April 9, 2019

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Headgate	Latitude	Longitude
Location:	37.68778333	-106.35016667

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**Headgate Type:** Manually operated 2' wide cast iron slide gates (2)

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<b>Headgate Condition:</b>	A <input type="checkbox"/>	<b>Diversion and Other Condition:</b>	A <input type="checkbox"/>	<b>River Miles From New Mexico State Line (Point Of Diversion):</b>	<b>Structure Submerged:</b> Yes <input type="checkbox"/>
	B <input checked="" type="checkbox"/>		B <input type="checkbox"/>	101.67 mi	No <input checked="" type="checkbox"/>
	C <input type="checkbox"/>		C <input checked="" type="checkbox"/>		
	D <input type="checkbox"/>		D <input type="checkbox"/>		
	F <input type="checkbox"/>		F <input type="checkbox"/>		

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

**Repair(s) or Improvement(s) Currently Needed:** The headgate functions well for the ditch's priority. The diversion dam should be repaired, but is a relatively junior priority, and therefore is very seldom in priority. There is a minor sedimentation issue, especially downstream of the headgate, that requires regular maintenance. Existing fish and boat passage should be maintained and riparian restoration should be considered as part of any future repairs or improvements.

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**Structure Description:** A feeder ditch on the north bank of the Rio Grande, approximately 0.5 miles long, directs water to the headgate. A concrete headwall with checkboard capabilities sits adjacent to the headgate and returns flow to a wasteway channel back to the river to the south. The river is very stable in this reach, and significant shifts are not expected to occur. Existing fish passage should be maintained and riparian restoration should be considered as part of any repairs or improvements, especially given this structure's proximity to the Del Norte Riverfront Project.

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**Comments:** This ditch includes priorities 1916-18 and 1916-89.

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**Notes:**

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**Estimated Range of Cost:** Low

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Headgate looking downstream



Headgate outlet



Headgate off Rio Grande Canal



Headgate outlet off Rio Grande Canal



Flume looking downstream



Flume looking upstream

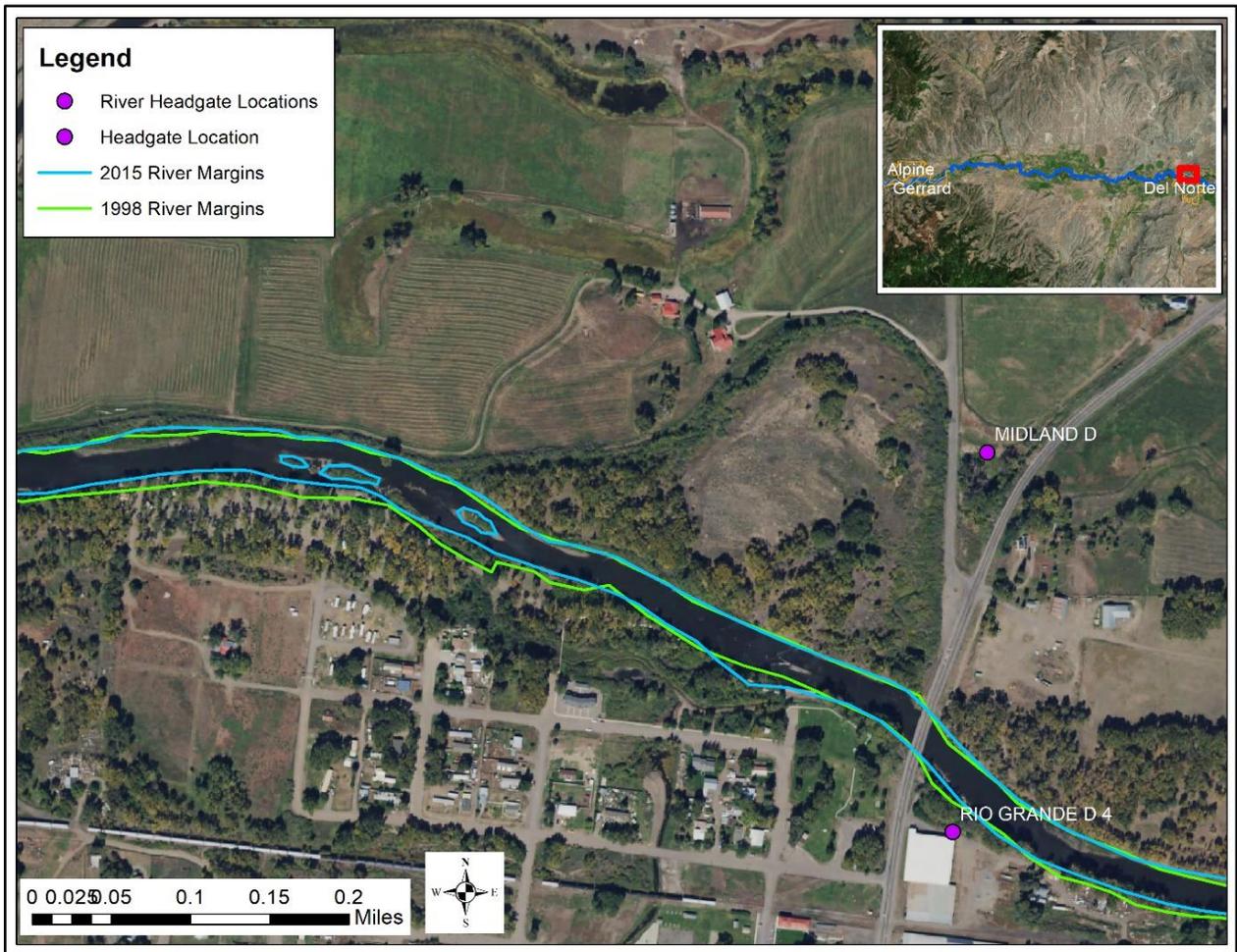


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MIDLAND DITCH

PHOTO LOG

Rio Grande Stream  
Management Plan



Map of Midland Ditch headgate location with 1998 and 2015 channel margins overlaid.