

# RIO GRANDE DIVERSION INFRASTRUCTURE INVENTORY

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**Structure Name:** HALL-VOSS D

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**Reported By:** Daniel Boyes

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**Date:** April 1, 2019

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Headgate	Latitude	Longitude
Location:	37.6708	-106.27996667

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**Headgate Type:** Manually operated 2' wide cast iron slide gate

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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 North Channel Rio Grande Terminus (Point Of Diversion):</b>	<b>Structure Submerged:</b> Yes <input checked="" type="checkbox"/>
	B <input type="checkbox"/>		B <input checked="" type="checkbox"/>	1.47 mi	No <input 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"/>		

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**Repair(s) or Improvement(s) Completed Since 2006:** Wooden weir was replaced with steel Parshall flume.

**Repair(s) or Improvement(s) Currently Needed:** Headgate leaks and does not function well. It needs to be repaired, especially to fix the leak. The diversion dam functions well for its priority, but the ditch has difficulty conveying flows in high flow situations. Fish passage and riparian restoration should be considered as part of any repairs or improvements.

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**Structure Description:** This structure is located on the North Channel of the Rio Grande. The river in this area has remained stable. A small stacked rock diversion dam directs water to the headgate, which is located on the south bank of the river. The headgate is wired to a fence post for support.

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**Comments:** This ditch includes priorities 244, 275, and 350.

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**Notes:**

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**Estimated Range of Cost:** Low

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Headgate looking downstream



Headgate and diversion dam



Headgate outlet



Diversion dam



North channel Rio Grande looking downstream



Flume looking upstream



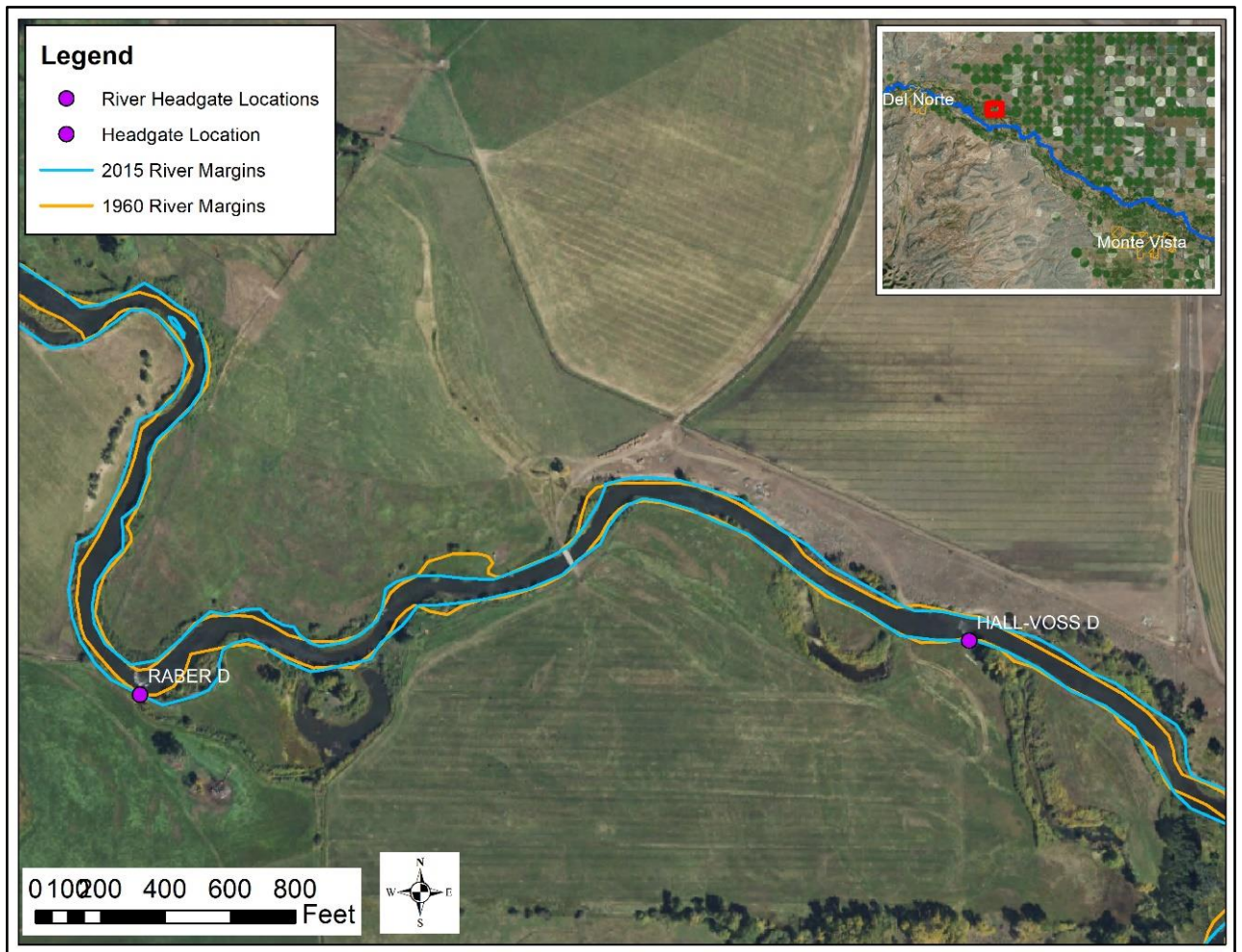
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HALL-VOSS DITCH

PHOTO LOG

Rio Grande Stream  
Management Plan





Map of headgate with 1960 and 2015 channel margins overlaid.