

RIO GRANDE

DIVERSION INFRASTRUCTURE INVENTORY

Structure Name: FARMERS UNION CANAL

Reported By: Daniel Boyes

Date: April 9, 2019

Headgate	Latitude	Longitude
Location:	37.66703333	-106.26986667

Headgate Type: Manually operated radial gates (3)

Headgate Condition:	A <input 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 checked="" type="checkbox"/>		C <input type="checkbox"/>			
	D <input type="checkbox"/>		D <input type="checkbox"/>			
	F <input type="checkbox"/>		F <input type="checkbox"/>	0.62 mi		

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

Structure Description: The river both upstream and downstream of this structure has undergone very little lateral migration in the recent past. A concrete diversion dam just downstream directs water to the Farmers Union Canal headgate, which is located on the north bank of the river. The diversion structure includes a manually operated radial gate and the capability to install check boards. The headgates function moderately well but leaks were noted.

Repair(s) or Improvement(s) Currently Needed: Given the headgate leak and the volume of water delivered via this ditch, the Technical Advisory Team (TAT) recommends headgate repair or replacement, ideally with automated gates, to reduce maintenance and increase efficiency.

Comments: This ditch includes priorities 308, 314, 328, 353, 1903-17B, 1903-22E, 1903-24F, 1903-30F, and 1903-34G.

Notes:

Estimated Range of Cost: Low

Headgate looking downstream



Headgate and diversion dam



Headgate outlet



Diversion dam looing upstream



Leaking headgate



Flume looking downstream

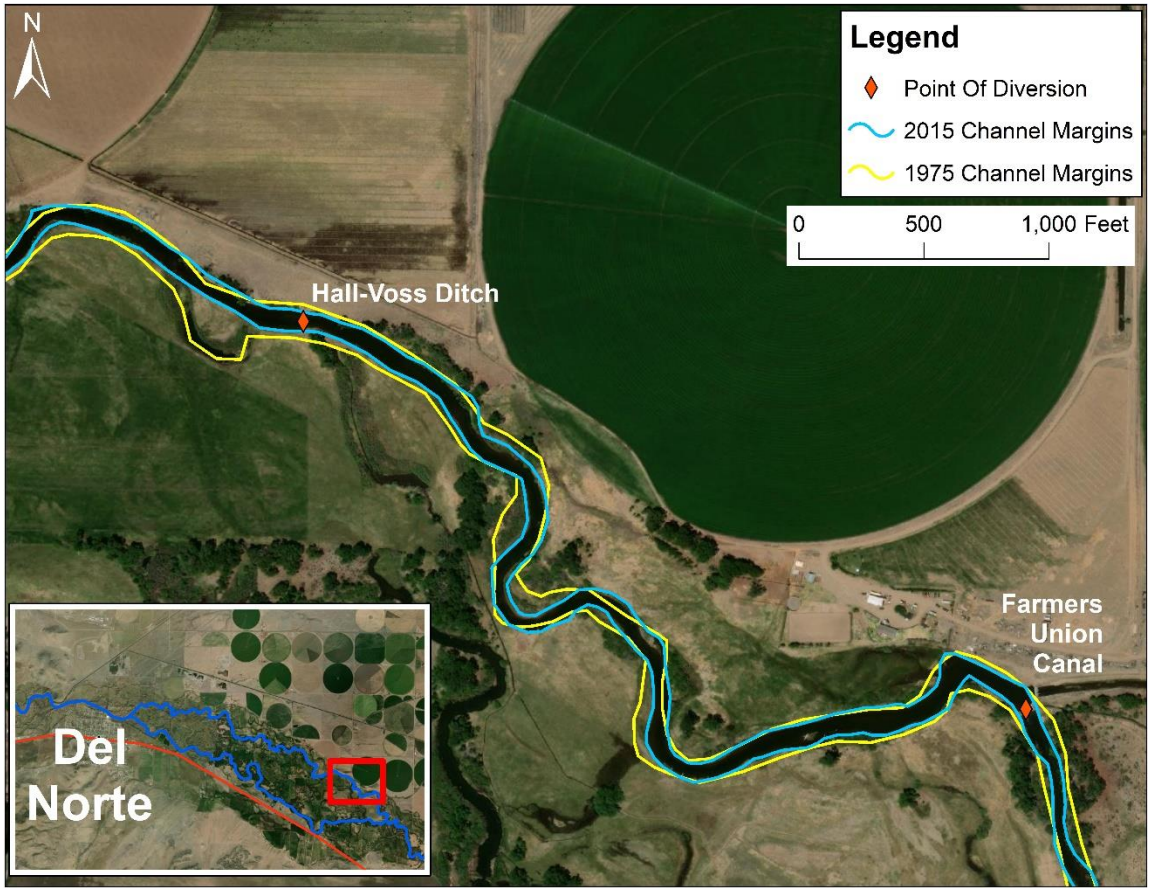


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FARMERS UNION CANAL

PHOTO LOG

Rio Grande Stream
Management Plan



Map of headgate location with 1975 and 2015 channel margins overlaid