

RIO GRANDE DIVERSION INFRASTRUCTURE INVENTORY

Structure Name: WEISS D

Reported By: Daniel Boyes

Date: April 9, 2019

Headgate	Latitude	Longitude
Location:	37.686631	-106.33894

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

Headgate Condition:	A <input 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 type="checkbox"/>	6.48 mi	No <input checked="" type="checkbox"/>
	C <input type="checkbox"/>		C <input type="checkbox"/>		
	D <input type="checkbox"/>		D <input type="checkbox"/>		
	F <input checked="" type="checkbox"/>		F <input checked="" type="checkbox"/>		

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

Repair(s) or Improvement(s) Currently Needed: A new headgate and functional diversion dam should be installed, especially if the water rights owner intends to transfer water rights from Brey Ditch to this ditch. In that case, a flume would also need to be installed. Existing fish passage should be maintained and riparian restoration should be considered as part of any repairs or improvements.

Structure Description: Located on the south bank of the North Channel of the Rio Grande just upstream of Brey Ditch. There is no diversion structure or trash rack for this structure. The headgate is located on the outside of a meander. The channel has remained very stable in this reach and is not expected to migrate significantly in the near future. According to the water commissioner, the owner would like to transfer the water rights for this ditch to the Weiss Ditch. The Brey Ditch has more senior water rights. If this occurs, the Weiss Ditch headgate would need to be completely replaced and a functional diversion dam would need to be installed. The flume for this structure could not be located at the time of inspection and may not exist.

Comments: This ditch is a priority 1903-44.

Notes:

Estimated Range of Cost: Moderate

Headgate looking downstream



Headgate looking upstream



Rio Grande looking upstream



North channel Rio Grande looking downstream

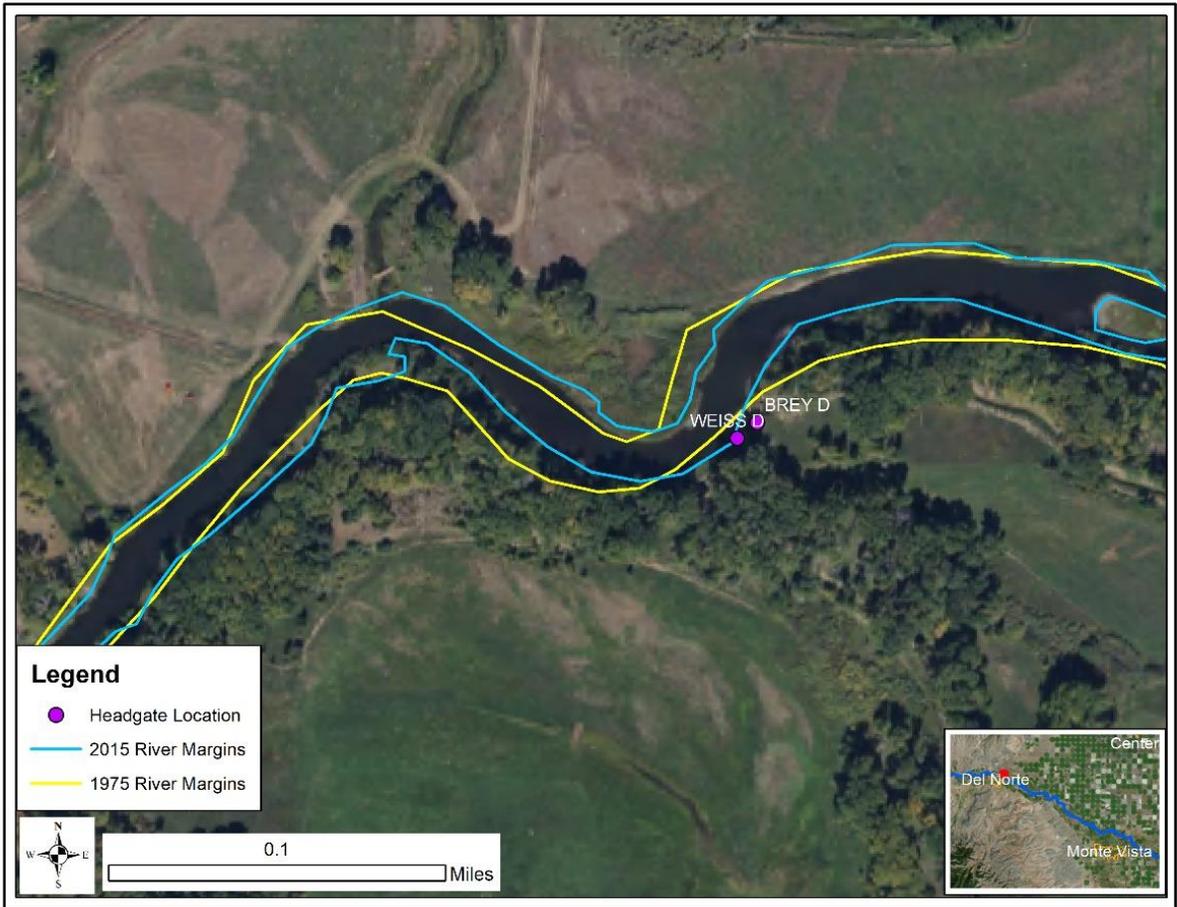


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WEISS DITCH

PHOTO LOG

**Rio Grande Stream
Management Plan**



Aerial view of the Weiss Ditch headgate and diversion location with 1975 and 2015 channel margins overlaid.