

CONEJOS RIVER

DIVERSION INFRASTRUCTURE INVENTORY

Structure Name: EPHRAIM D

Reported By: Daniel Boyes

Date: April 16, 2019

Headgate	Latitude	Longitude
Location:	37.1877	-106.90186667

Headgate Type: Automated 6' wide steel slide gate.

Headgate Condition:	A <input checked="" type="checkbox"/>	Diversion and Other Conditions:	A <input checked="" type="checkbox"/>	River Miles From North Branch Conejos Terminus (Point Of Diversion):	Structure Submerged:	Yes <input type="checkbox"/>
	B <input type="checkbox"/>		B <input type="checkbox"/>	0.36 mi	No <input checked="" type="checkbox"/>	
	C <input type="checkbox"/>		C <input type="checkbox"/>			
	D <input type="checkbox"/>		D <input type="checkbox"/>			
	F <input type="checkbox"/>		F <input type="checkbox"/>			

Repair(s) or Improvement(s) Completed Since 2006: New automated headgate, core, and V-notch measurement devices installed in 2017.

Repair(s) or Improvement(s) Currently Needed: Regular diversion dam and headgate maintenance is needed to mitigate effects of sedimentation. Fish passage should be considered as part of any future repairs or improvements to the diversion. Riparian vegetation restoration should also be considered to reduce erosion and provide stream shading.

Structure Description: Located on the North Branch of the Conejos River. The channel gradient here is very low and sediment accumulation is an issue. A long feeder ditch comes off the North Branch Conejos River and runs ~0.7 miles to the diversion. The concrete diversion dam directs flow to the headgate, which sits along the west bank of the channel. There is a sluice gate adjacent to the headgate. This ditch is just upstream of the Richfield Canal and Sanford Ditch.

Comments: This ditch is a priority 56.

Notes:

Estimated Range of Cost: Low

Headgate looking downstream



Headgate outlet



Diversion dam looking upstream



Diversion dam



Diversion dam looking upstream



Flume looking upstream

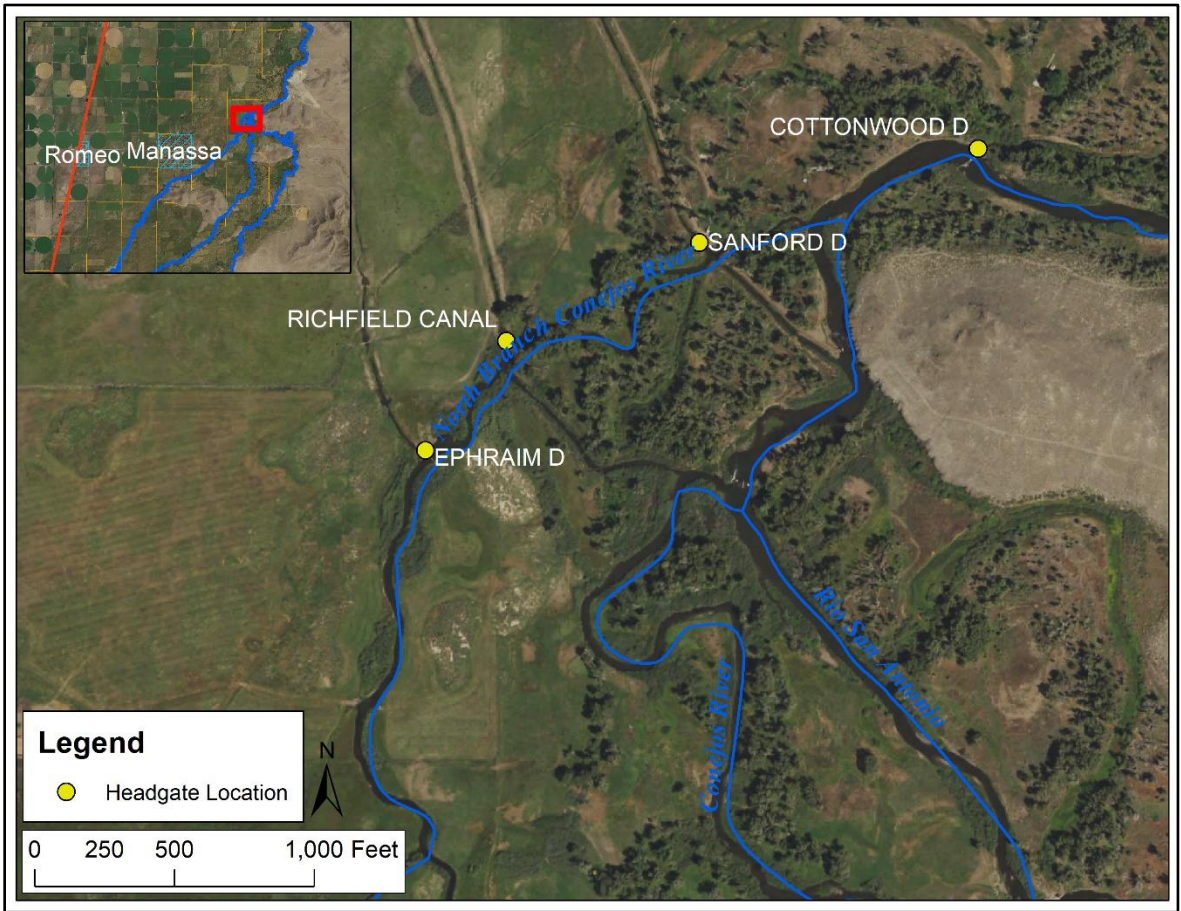


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EPHRAIM DITCH

PHOTO LOG

Conejos River Stream
Management Plan



Map of Ephraim Ditch relative to Richfield Canal and Sanford Ditch.