

# CONEJOS RIVER DIVERSION INFRASTRUCTURE INVENTORY

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**Structure Name:** RICHFIELD CANAL

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**Reported By:** Daniel Boyes

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**Date:** April 16, 2019

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Headgate	Latitude	Longitude
Location:	37.18878333	-105.900883

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**Headgate Type:** Manually operated 5' wide steel slide gate

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Headgate Condition:	A <input type="checkbox"/>	B+ <input checked="" type="checkbox"/>	C <input type="checkbox"/>	D <input type="checkbox"/>	F <input type="checkbox"/>	Diversion and other Conditions:	A <input type="checkbox"/>	B <input type="checkbox"/>	C <input type="checkbox"/>	D <input checked="" type="checkbox"/>	F <input type="checkbox"/>	River Miles From North Branch Conejos Terminus (Point of Diversion):	0.26 mi	Structure Submerged:	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
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**Repair(s) or Improvement(s) Since 2006:** None

**Structure Description:** This structure is near the confluence of the South Branch Conejos River and Rio San Antonio. The headgate sits along the west bank of the channel. This ditch can receive water from the North and South Branches of the Conejos River as well as the Rio San Antonio. Approximately 1.25 miles upstream, a feeder channel comes off the South Branch and directs river flow to the North Branch, which services the Ephraim Ditch. Any unused water at the Ephraim Ditch is available at the Richfield Canal via the North Branch Conejos. In addition, a diversion dam located at the confluence of the South Branch Conejos River and Rio San Antonio diverts flow to an approximately 1,000 ft feeder channel that also serves this headgate. Any water not diverted by the Richfield Canal from either of these feeder channels is then available at the Sanford Ditch via the North Branch Conejos River.

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**Repair(s) or Improvement(s) Needed:** At the time of inspection, repairs were in progress, including carrier repairs and the installation of a new core, and headgate. No repair needs are anticipated after completion of these repairs.

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**Comments:** This ditch includes priorities 59 and 105.

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**Notes:**

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**Estimated Range of Cost:** Low

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Headgate looking upstream



Ditch upstream of headgate



Diversion dam at confluence of Rio San Antonio and South Branch Coneos River



Ditch downstream of headgate



Debris at headgate



Flume looking downstream

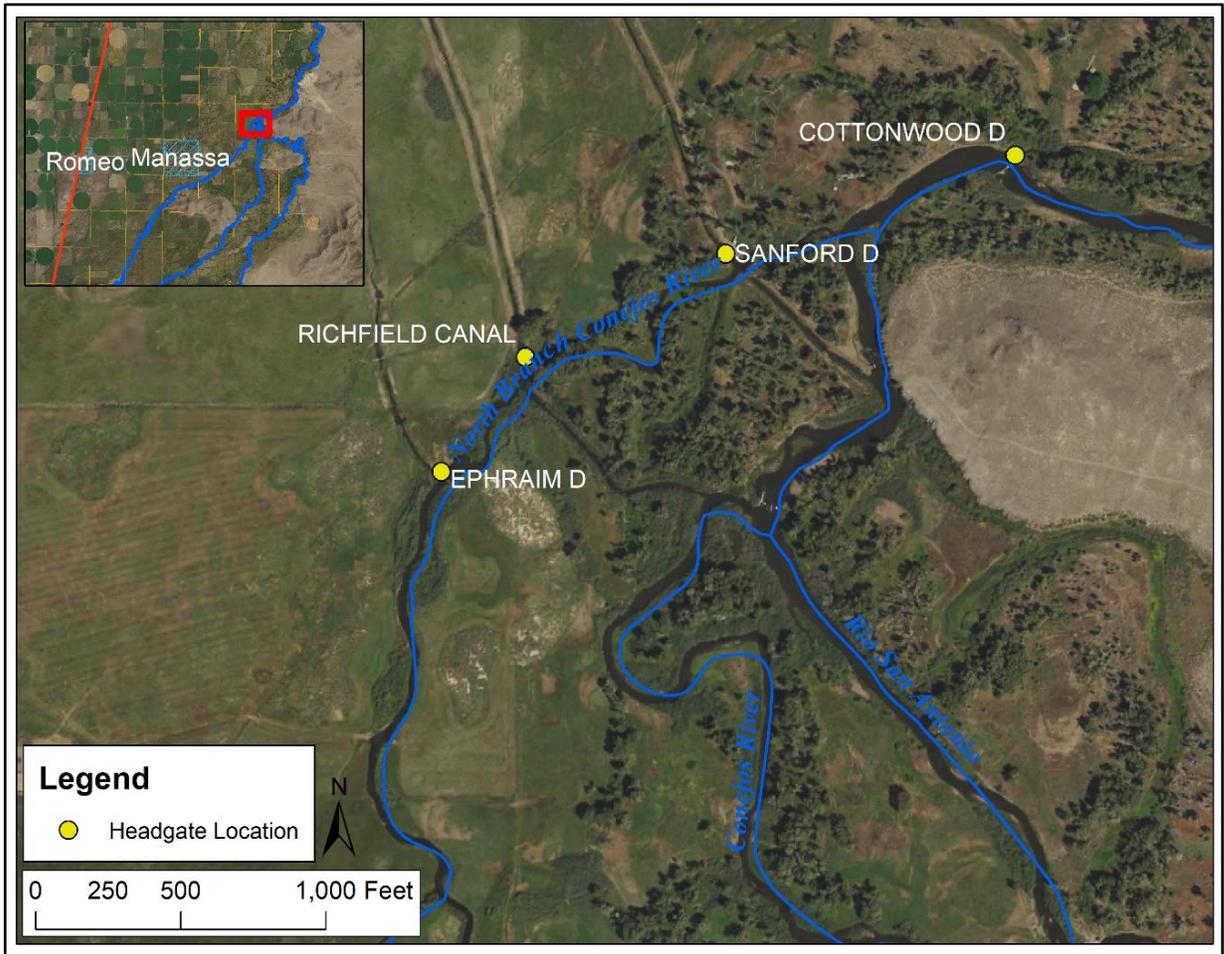


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RICHFIELD CANAL

PHOTO LOG

Conejos River Stream  
Management Plan



Richfield Canal relative to Ephraim Ditch and Sanford Ditch.