

# CONEJOS RIVER DIVERSION INFRASTRUCTURE INVENTORY

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**Structure Name:** BRANCH D

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**Reported By:** Daniel Boyes

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**Date:** April 15, 2019

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Headgate	Latitude	Longitude
Location:	37.166606	-106.921779

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**Headgate Type:** Manually operated 4' wide wood slide gate

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<b>Headgate Condition:</b>	A <input type="checkbox"/>	<b>Diversion and Other Conditions:</b>	A <input type="checkbox"/>	<b>River Miles from North Branch Conejos Terminus (Point of Diversion):</b>	<b>Structure Submerged:</b> Yes <input type="checkbox"/>
	B <input checked="" type="checkbox"/>		B <input checked="" type="checkbox"/>	2.95 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"/>		

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**Repair(s) or Improvement(s) Completed Since 2006:** N/A

**Structure Description:** The channel is unstable in this location and prone to migration and avulsion. A check board diversion dam supported on either side by tires creates head pressure and directs water to the headgate. The headgate is difficult to operate. The soil supporting the headgate wing walls is eroding. The flume's wing walls are also eroding.

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**Repair(s) or Improvement(s) Currently Needed:** Given the issues identified at this structure, the SMP Technical Advisory Team (TAT) recommends replacing the diversion dam and implementing bank stabilization and riparian revegetation. The diversion dam could be improved with a more easily adjustable structure and bank stabilization and riparian revegetation would address erosion at the diversion and flume.

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**Comments:** This ditch includes priorities 52 and 120.

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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 looking upstream



Flume looking downstream



Flume looking upstream



CONEJOS RIVER DIVERSION INFRASTRUCTURE INVENTORY

BRANCH DITCH

PHOTO LOG

Conejos River Stream  
Management Plan