

RIO GRANDE DIVERSION INFRASTRUCTURE INVENTORY

Structure Name: ANACONDA D

Reported By: Daniel Boyes

Date: May 7, 2019

Headgate	Latitude	Longitude
Location:	37.679913	-106.594886

Headgate Type: Manually operated 4' wide steel slide gate

Headgate Condition:	A <input type="checkbox"/>	Diversion and Other Condition:	A <input type="checkbox"/>	River Miles from New Mexico State Line (Point of Diversion):	Structure Submerged: Yes <input checked="" type="checkbox"/>
	B <input checked="" type="checkbox"/>		B- <input checked="" type="checkbox"/>		No <input type="checkbox"/>
	C <input type="checkbox"/>		C <input type="checkbox"/>	118.0 mi	
	D <input type="checkbox"/>		D <input type="checkbox"/>		
	F <input type="checkbox"/>		F <input type="checkbox"/>		

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

Structure Description: Water is diverted from the Rio Grande into a feeder channel located on the north bank of the river. A stacked rock diversion dam diverts water to the feeder channel and delivers water to the headgate, which is approximately 30 ft below an old headgate. At low flows, the diversion can be difficult to navigate in drift boats and dories. Additionally, a portion of the existing diversion contains remnants of rebar, which presents a recreational hazard. The channel has remained relatively stable in this location for at least the last 45 years, however bank erosion is currently occurring on the south bank of the river upstream of the diversion. Additionally, woody debris accumulation is an issue in the feeder channel and at the headgate, particularly because of the ditch's location on the outside of a meander.

Repair(s) or Improvement(s) Currently Needed: Given the issues at this structure, the SMP Technical Advisory Team (TAT) recommends removing the old headgate and installing a trash rack in front of the new headgate as well as stabilizing the south bank. Additionally, if any future improvements are made to the diversion dam, the TAT recommends maintaining fish passage and also creating safe boat passage at the diversion.

Comments: The Anaconda Ditch includes priorities 105, 126, 164, 232, 319, 327, 343, 1903-21, 1916-14, 1916-14, and 1916-36.

Notes:

Estimated Range of Cost: Medium

Headgate looking downstream



Old headgate upstream of new headgate



Headgate outlet



Diversion dam on feeder ditch



Diversion dam on Rio Grande



Flume looking upstream

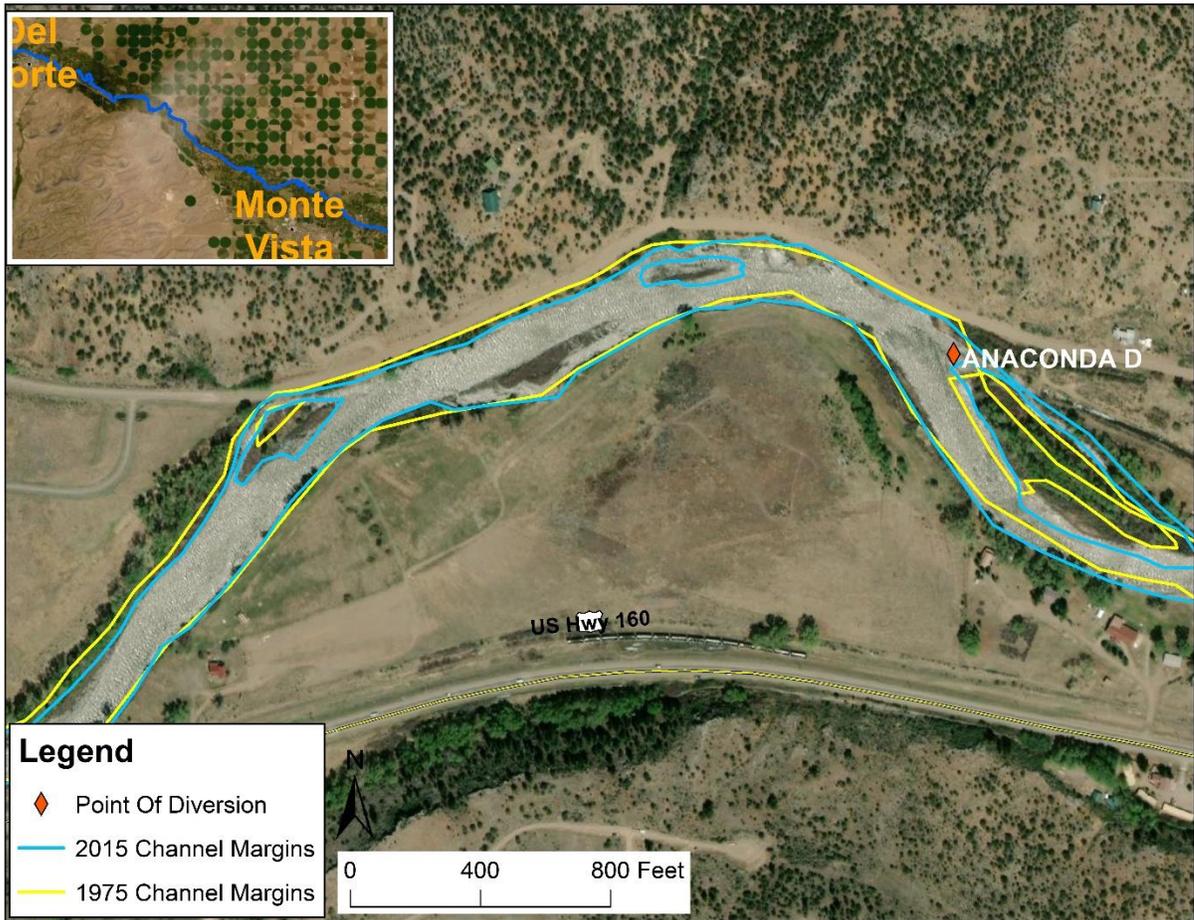


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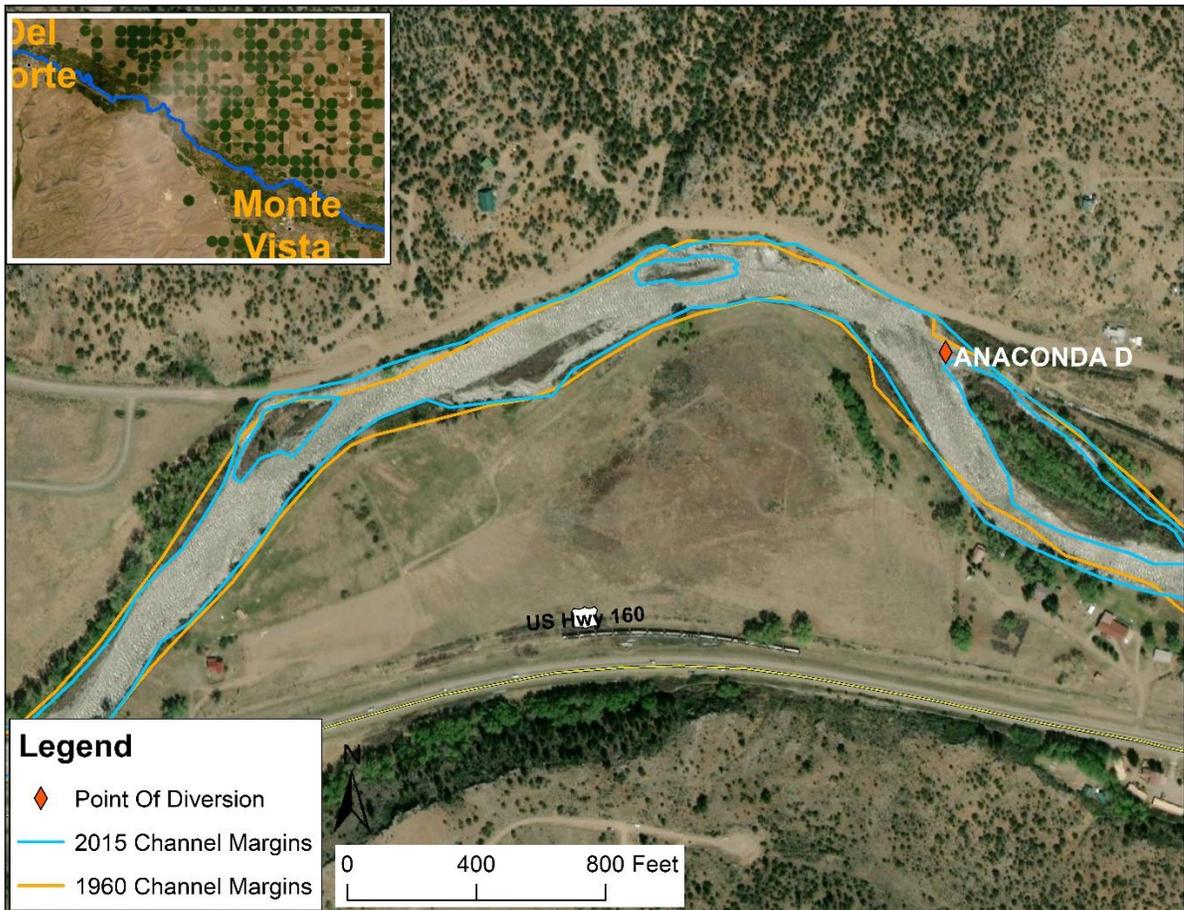
ANACONDA DITCH

PHOTO LOG

**Rio Grande Stream
Management Plan**



Headgate location with 1975 and 2015 channel margins overlaid



Headgate location with 1960 and 2015 channel margins overlaid



Bank erosion on south river bank upstream of Anaconda Ditch diversion