## RIO GRANDE DIVERSION INFRASTRUCTURE INVENTORY

Structure Nar	me: KNOBLAUCH D			
Reported By:	Daniel Boyes			
Date: May 7, 2	2019			
Headgate Location:	<b>Latitude</b> 37.37.693144	<b>Longitude</b> -106.494957		
Headgate Ty	pe: Manually operate	d 1' wide steel s	slide gate	
Condition:	A □ Diversion a B ⋈ Other Cond C □ D □ F □	and A  dition: B-  C  D  F  D	River Miles from New Mexico State Line (Point of Diversion): 111.18 mi	Structure Yes ⊠ Submerged: No □
Ditch #2. The on the north base on the north base on the diversion of the diversion of the north base	W-shaped diversion dank of the river. Receion, resulting in a boatinade of 4-inch galvanithate an open ditch. The around the headwall. I erosion. This structurne 2001 Rio Grande Fial for the entire mear	lam, made up on thigh flow eveng hazard and received metal fence water is converted are various received and the later to be cut of the l	e sits in front of the headga eyed via a subterranean pi materials stabilizing the ba anks that are not reinforce the outside of a bend just storation Project, this mean if during a high flow event,	o a headgate located the boulders which make low flows very challenging ate, which does not seal peline for ~100 ft and anks upstream of the d are largely unstable upstream of the apex. Inder is tightening and making this structure
Team (TAT) re revegetating a be easily pass	ecommends improving nd stabilizing the adja able by boats while a evegetation would miti	g the diversion of acent streambar Iso effectively d	Given these issues, the S dam, repairing or replacing nks. An improved diversion iverting water at all flows. d reduce the risk of bank	g the headgate, and n could be designed to Streambank stabilization
Comments: T	his ditch includes pric	orities 258, and	1916-23.	
Notes:				

**Estimated Range of Cost:** Medium



Headgate and diversion dam

Pipeline outlet, beginning of open ditch



Rio Grande downstream of diversion dam



Flume looking downstream



Flume looking upstream

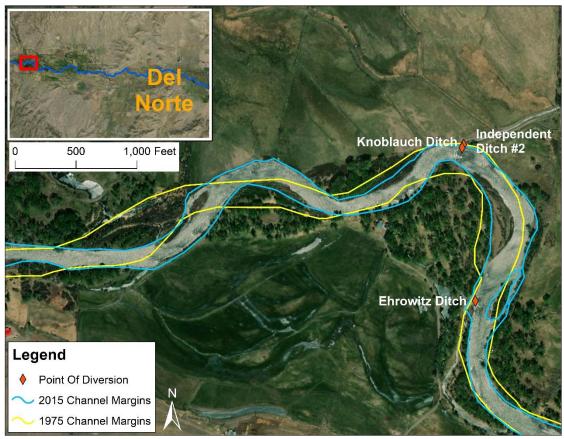


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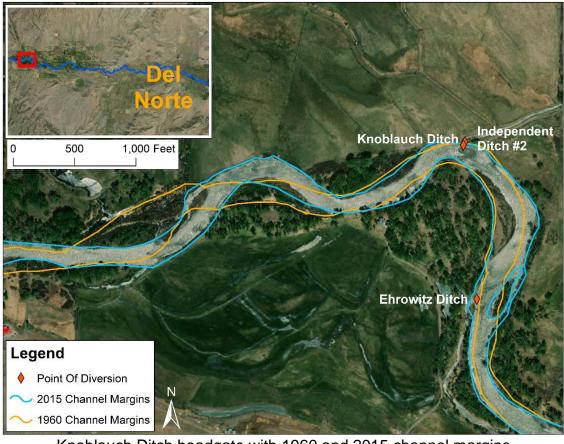
KNOBLAUCH DITCH

PHOTO LOG

Rio Grande Stream Management Plan



Knoblauch Ditch relative to the Independent #2 and Ehrowitz ditches. Diversion and headgate locations with 1975 and 2015 channel margins are overlaid. This highlights the tightening of the bend on which this structure is located.



Knoblauch Ditch headgate with 1960 and 2015 channel margins