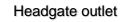
RIO GRANDE DIVERSION INFRASTRUCTURE INVENTORY

Structure Na	me: BILLINGS D			
Reported By:	Daniel Boyes			
Date: April 1,	2019			
Headgate Location:	Latitude 37.59988333	Longitude -106.1127		
Headgate Ty	oe: Manually operated	d 3' wide steel	slide gate	
Headgate Condition:	A Diversion a B Other Cond C D D F D		River Miles from New Mexico State Line (Point of Diversion): 81.07 mi	Structure Yes ⊠ Submerged: No □
Structure Des shows the mea the ditch will no feeder channe plate headwall diversion dam s also an issue	ander is tightening and bolonger be functional. I with a log trash boom and attached headga and, despite the trash at this structure. The	ire is located not may be cut of a diversion of a tits entrandate. The headgen boom, is especially ditch compared	near the apex of a meander. If in the future (see map in lam composed of rocks and lam composed of the feeder late does not seal properly. It is a lambda and lambda	I debris directs flow to a short channel is a welded steel Debris accumulates on the gate. Sediment accumulation
Fechnical Advisorition of the reach and the ransport. A necapabilities. Batternander from FAT recomme	sory Team (TAT) recome at this location. The tation, especially ups TAT recommends also we diversion dam and ank stabilization and relation cut off, and mainstable with the table of t	ommends instance TAT also restream of the document of the docu	c Given the issues identified alling a new diversion dam, ecommends implementing becommended by the boat passage and allowing all improve sediment transportation would reduce erosion deriver function. As an alternating the point of diversion a	headgate (with an adjacent bank stabilization and s fish passage in this g for adequate sediment port and debris-passing h, help prevent the mative solution, the
Comments: T	his ditch includes prio	rities 34, 209,	305, 324, and 349.	
Notes:				

Estimated Range of Cost: High

Headgate looking downstream





Diversion dam during 2019 spring runoff



Diversion dam looking upstream



Headgate during 2019 spring runoff



Flume looking downstream

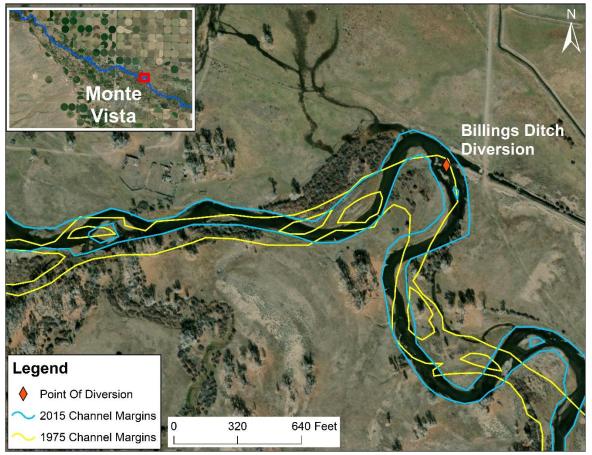


RIO GRANDE DIVERSION INFRASTRUCTURE INVENTORY

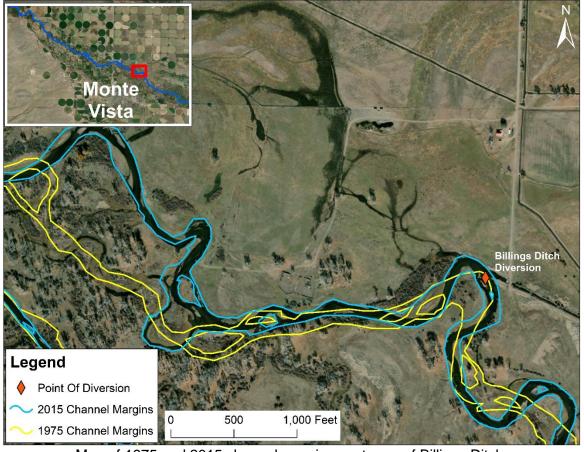
BILLINGS DITCH

PHOTO LOG

Rio Grande Stream Management Plan



Map showing Rio Grande margins in 1975 and 2015. Channel migration analysis shows the channel has migrated north and east since 1975, which has led to increased bank erosion, sediment and debris accumulation, and other challenges for Billings Ditch.



Map of 1975 and 2015 channel margins upstream of Billings Ditch.