RIO GRANDE
DIVERSION INFRASTRUCTURE INVENTORY

Structure Name: PARK GREEN D

Reported By: Daniel Boyes

Date: May 7, 2019

	Latitude	Longitude
Headgate Location:	37.68561667	-106.40716667

Headgate Type: Manually operated 3' wide steel slide gate

Headgate Condition: A ☒ B ☐ C ☐ D ☐ F ☐

Diversion and Other Condition: A ☐ B- ☒ C ☐ D ☐ F ☐

River Miles from New Mexico State Line (Point of Diversion): 105.09 mi

Structure Submerged: Yes ☒ No ☐

Repair(s) or Improvement(s) Completed Since 2006: A new headgate was installed ~5-6 years ago.

Structure Description: A small feeder channel on the north bank of the Rio Grande diverts water to the headgate. The feeder channel is approximately 0.2 miles long. There is no formal diversion dam, but the point of diversion is located at the apex of a meander and flows naturally enter the feeder channel. The feeder channel flows between a gravel bar to the south and a bedrock feature to the north. Due to its location, this structure experiences debris and sediment accumulation which has resulted in significantly reduced capacity. This ditch has difficulty diverting during low flows due to the lack of a diversion and during high flows due to limited feeder channel capacity.

Repair(s) or Improvement(s) Currently Needed: The SMP Technical Advisory Team (TAT) recommends installing a small but improved diversion dam and, because diversion relocation would be difficult, continued maintenance to remove debris and sediment in the feeder channel. A new diversion would allow the ditch to access water during low flows and sediment removal from the feeder channel would allow this structure to function at its full capacity.

Comments: This ditch includes priorities 184, 199, and 313.

Notes:

Estimated Range of Cost: Low

Headgate looking downstream

Headgate outlet

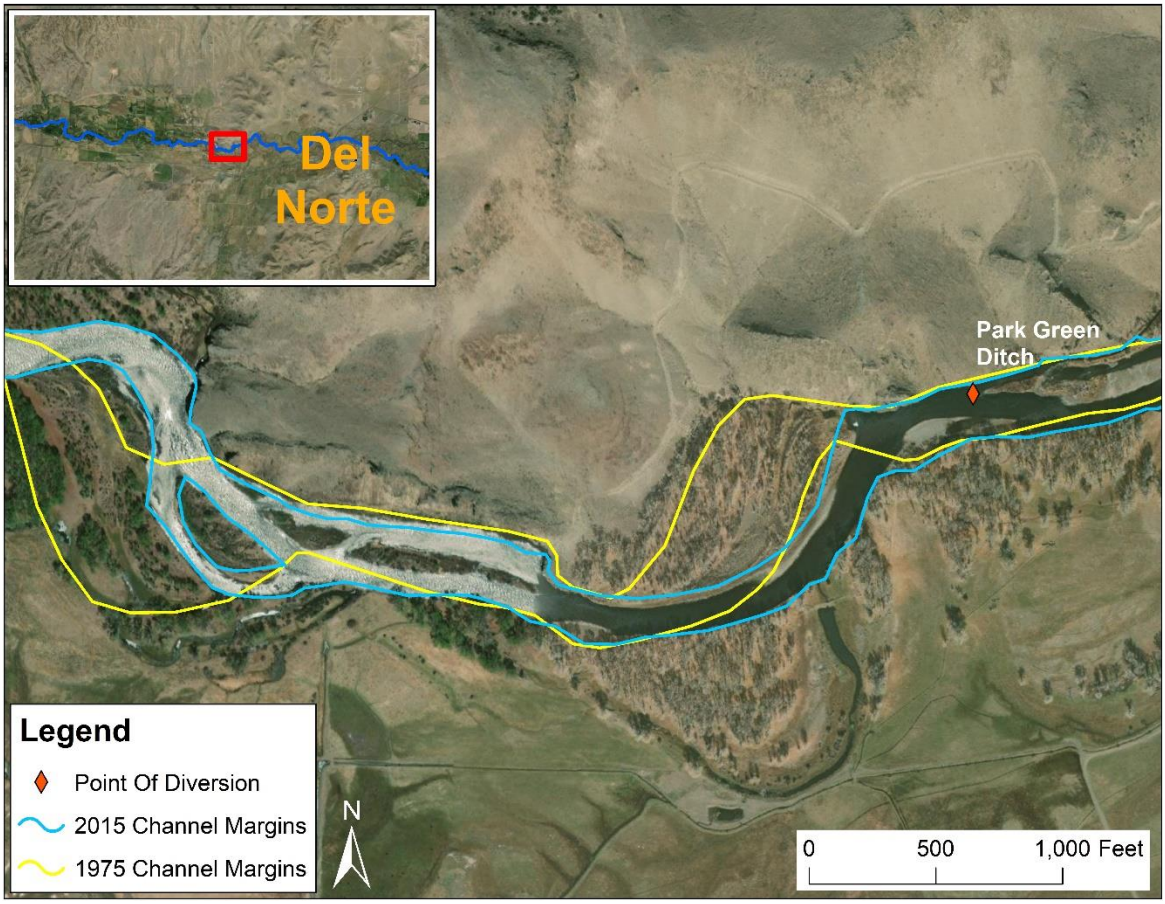
Diversion and feeder channel entrance

Feeder ditch looking upstream

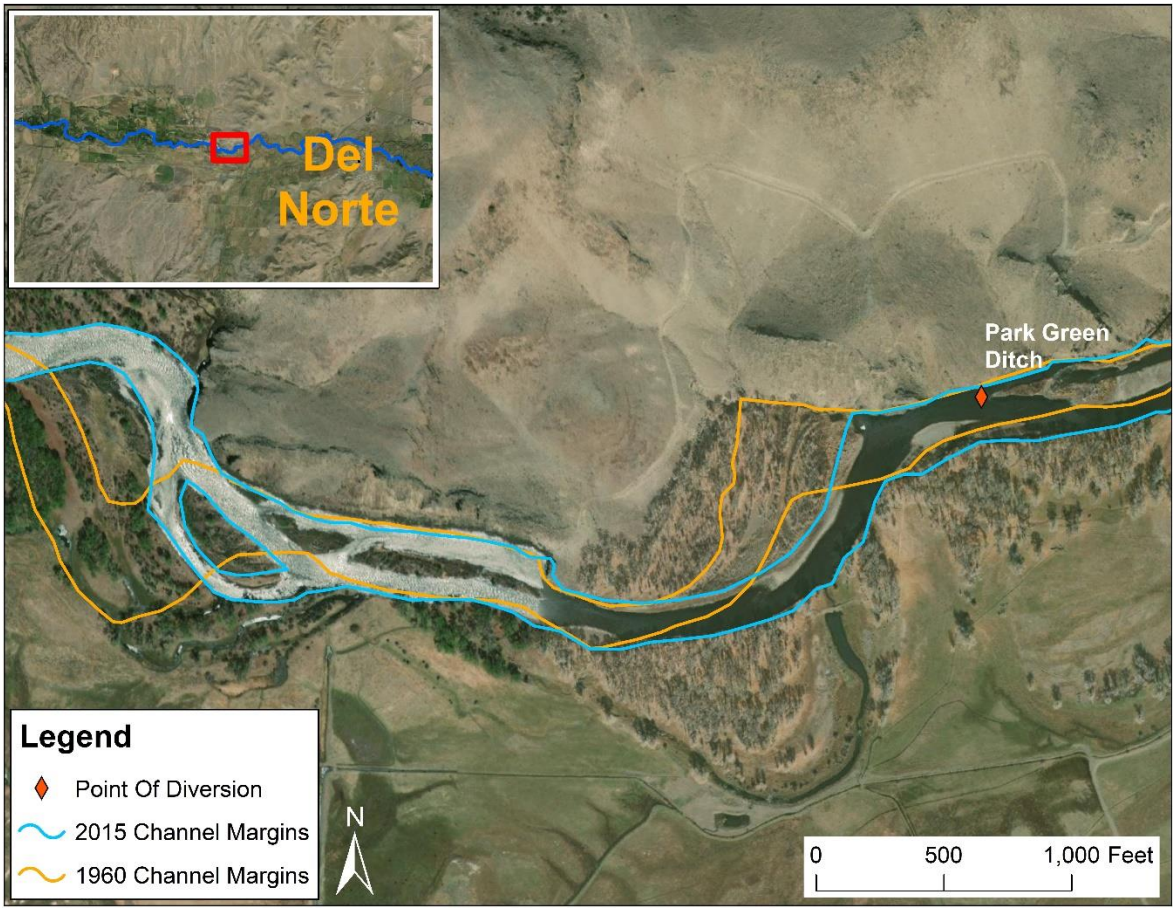
Flume looking downstream

Zoomed image of flume

RIO GRANDE DIVERSION INFRASTRUCTURE INVENTORY	Rio Grande Stream Management Plan
PARK GREEN DITCH	
PHOTO LOG	



Point of diversion and headgate with 1975 to 2015 channel margins overlaid



Point of diversion and headgate with 1960 to 2015 channel margins overlaid