RIO GRANDE
DIVERSION INFRASTRUCTURE INVENTORY

Structure Name: RIVIERE ESTATES AUGMENTATION PLAN

Reported By: Daniel Boyes

Date: April 7, 2019

Headgate Location:	Latitude 37.67625	Longitude -106.62055

Headgate Type: Manually operated 1.5' wide steel slide gate

Headgate Condition:	**Diversion and Other Condition:**	**River Miles from New Mexico State Line (Point of Diversion):**	**Structure Submerged:**
A ☐	A ☐		Yes ☒
B ☒	B ☒		No ☐
C ☐	C ☐		
D ☐	D ☐	119.63 mi	
F ☐	F ☐		

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

Structure Description: A stacked rock diversion dam directs water to a short feeder channel and to the headgate. A log trash boom across the feeder channel prevents debris from accumulating in front of the headgate. The boom appears to be functioning well. Historic aerial photographs used to assess channel migration indicate the channel has remained relatively stable since 1960 (see maps below). The headgate enters a culvert, which delivers water to two ponds inside the RV park.

Repair(s) or Improvement(s) Currently Needed: There were no major issues identified at this structure at the time of inspection.

Comments: This structure operates under augmentation plan 2002037.

Notes:

Estimated Range of Cost: Low

Headgate looking downstream

Diversion dam and trash boom

Headgate and trash boom

Headgate and trash boom

Flume looking downstream
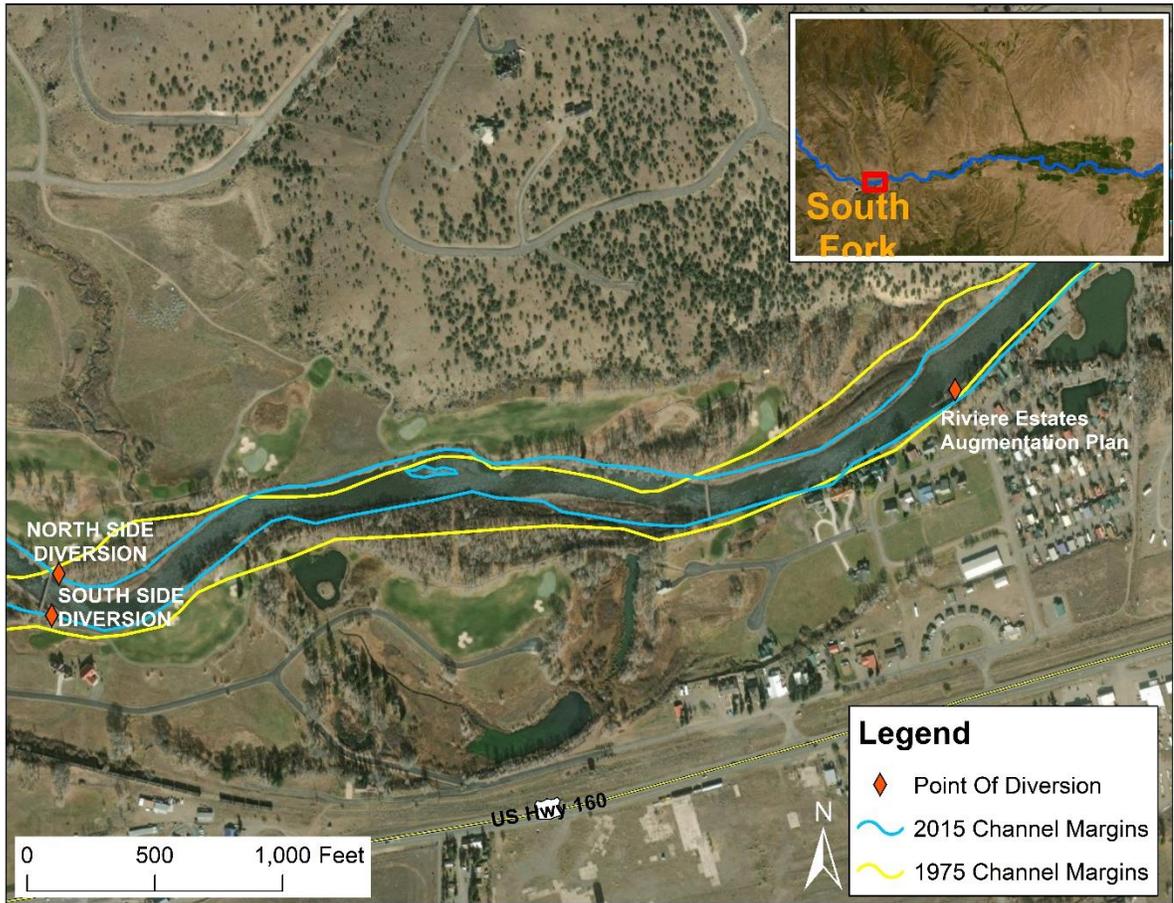

Flume looking upstream

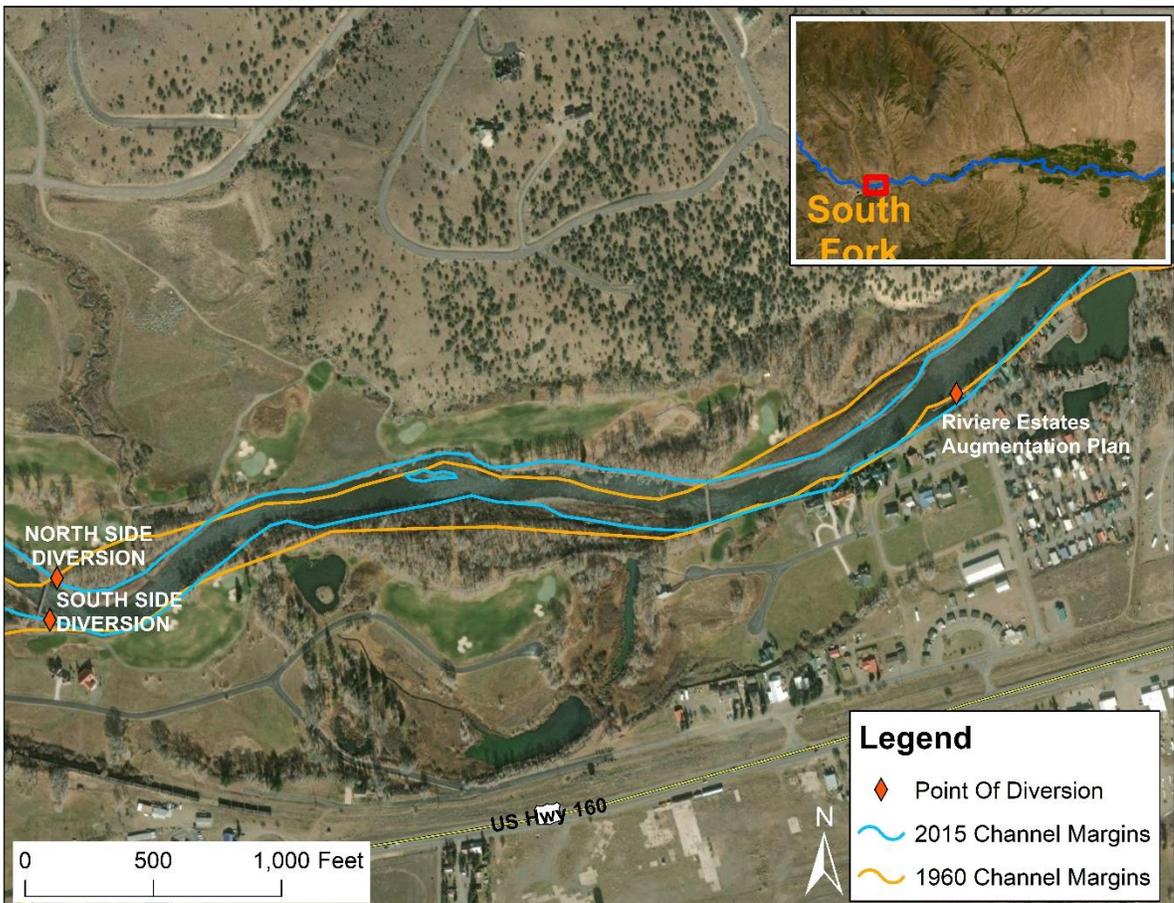| RIO GRANDE DIVERSION INFRASTRUCTURE INVENTORY	Rio Grande Stream Management Plan
RIVIERE ESTATES AUGMENTATION PLAN	
PHOTO LOG	

Map of headgate location with 1975 and 2015 channel margins overlaid.

Map of headgate location with 1960 and 2015 channel margins overlaid.