

SAGUACHE CREEK DIVERSION INFRASTRUCTURE INVENTORY

Structure Name: PROFFIT MCDONOUGH D

Reported By: Daniel Boyes

Date: April 3, 2019

Headgate	Latitude	Longitude
Location:	38.06765	-106.11517

Headgate Type: Manually operated 3' wide screw gate

Headgate Condition:	A <input type="checkbox"/>	Diversion and Other Condition:	A <input type="checkbox"/>	Stream Miles From Saguache Creek Terminus (Point Of Diversion):	Structure Submerged: Yes <input type="checkbox"/>
	B <input checked="" type="checkbox"/>		B <input type="checkbox"/>	27.15 mi	No <input checked="" type="checkbox"/>
	C <input type="checkbox"/>		C <input checked="" type="checkbox"/>		
	D <input type="checkbox"/>		D <input type="checkbox"/>		
	F <input type="checkbox"/>		F <input type="checkbox"/>		

Repair(s) or Improvement(s) Currently Needed: Bank stabilization structures could be installed upstream of the diversion to prevent the meander from being cut off. Fish passage and riparian restoration should be considered as part of any future repairs or improvements.

Structure Description: The stream gradient in this reach is very low and the stream is sinuous, with the potential for meanders to be cut off during high flow events. The headgate is located on the south bank of the river on the downstream end of a meander. The stream bank around the headgate was recently stabilized to prevent water from flowing around it. The diversion dam is a stacked rock structure and functions moderately well. Occasionally, sand prevents the headgate from closing completely. The flume does not measure accurately.

Comments: This ditch is a priority 24.

Notes:

Estimated Range of Cost: Moderate

Headgate looking downstream



Headgate outlet



Headgate and diversion dam



Diversion dam looking downstream



Flume looking downstream



Flume looking upstream



SAGUACHE CREEK DIVERSION INFRASTRUCTURE INVENTORY

PROFFIT MCDONOUGH DITCH

PHOTO LOG

Saguache Creek Stream Management Plan