

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"/>		

Structure Description: The stream's 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. This structure's headgate is located on the south bank of the stream on the downstream end of a meander. The stream bank around the headgate was recently stabilized to prevent flows from bypassing it. The diversion dam is a stacked rock structure and functions moderately well. Occasionally, sand prevents the headgate from closing completely. The flume is tilted.

Repair(s) or Improvement(s) Currently Needed: The SMP Technical Advisory Team (TAT) recommends bank stabilization and riparian revegetation near this structure and resetting the flume. Stabilization and revegetation upstream of the diversion would help prevent the meander from being cut off and would mitigate erosion. Resetting the flume would improve long-term measurement accuracy.

Comments: This ditch is a priority 24.

Notes:

Estimated Range of Cost: Medium

Headgate looking downstream



Headgate outlet



Headgate and diversion dam



Diversion dam looking downstream



Flume looking downstream



Flume looking upstream



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PROFFIT MCDONOUGH DITCH

PHOTO LOG

Saguache Creek Stream
Management Plan