

SAGUACHE CREEK DIVERSION INFRASTRUCTURE INVENTORY

Structure Name: PROFFIT COMPANY D

Reported By: Daniel Boyes

Date: April 3, 2019

Headgate	Latitude	Longitude
Location:	38.06932	-106.1242

Headgate Type: Manually operated 2' rectangular 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 checked="" type="checkbox"/>	27.83 mi	No <input checked="" type="checkbox"/>
	C <input type="checkbox"/>		C <input type="checkbox"/>		
	D <input type="checkbox"/>		D <input type="checkbox"/>		
	F <input type="checkbox"/>		F <input type="checkbox"/>		

Structure Description: This diversion is located just downstream of County Rd 48X. A boulder diversion dam directs flow to the headgate on the north bank of the stream. The diversion dam, headgate, and flume were recently improved and are functioning well. However, the channel is unstable in this location and could experience avulsion or migration in the near future. An overflow channel was installed south of the diversion dam to prevent high flows from washing out the bank. Bank stabilization was also installed upstream of diversion dam to keep water from flooding south of the channel.

Repair(s) or Improvement(s) Currently Needed: The SMP Technical Advisory Team (TAT) recommends implementing bank stabilization and riparian revegetation on the south bank upstream and downstream of the diversion. Stabilization and revegetation would mitigate erosion and help prevent future channel avulsion.

Comments: This ditch is a priority 10.

Notes:

Estimated Range of Cost: Low

Headgate looking downstream



Headgate outlet



Headgate and diversion dam



Diversion dam



Flume looking downstream



Flume looking upstream



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PROFFIT COMPANY DITCH

PHOTO LOG

Saguache Creek Stream Management Plan