

SAGUACHE CREEK DIVERSION INFRASTRUCTURE INVENTORY

Structure Name: MILL D

Reported By: Daniel Boyes

Date: April 4, 2019

Headgate	Latitude	Longitude
Location:	38.0857	-106.173094

Headgate Type: Manually operated 2' wide 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 type="checkbox"/>		B <input type="checkbox"/>	31.97 mi	No <input checked="" type="checkbox"/>
	C <input checked="" 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: A diversion dam made up of boulders and t-posts directs water to the headgate on the north bank of the stream. The headgate functions poorly due to sediment and woody debris accumulation. The diversion dam functions effectively despite woody debris accumulation. The stream in this location is very sinuous and there is potential for channel avulsion to occur.

Repair(s) or Improvement(s) Currently Needed: Given the issues identified at this structure, the SMP Technical Advisory Team (TAT) recommends bank stabilization and riparian revegetation upstream of the diversion, and installation of a trash rack in front of the headgate. Bank stabilization would help prevent ditch failure and a trash rack in front of the headgate would reduce maintenance. Alternatively, the point of diversion could be relocated downstream to the next meander, where the diversion may require less maintenance.

Comments: This ditch is a priority 34. It also services Gotthelf Ditch 1, which is a priority 7 with a total decreed rate of 7 cfs.

Notes:

Estimated Range of Cost: Medium

Headgate looking downstream



Headgate outlet



Headgate and diversion dam



Diversion dam



Diversion dam looking downstream



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MILL DITCH

PHOTO LOG

Saguache Creek Stream Management Plan