

SAGUACHE CREEK DIVERSION INFRASTRUCTURE INVENTORY

Structure Name: I L GOTTHELF D

Reported By: Daniel Boyes

Date: April 12, 2019

Headgate	Latitude	Longitude
Location:	38.1258	-106.390653

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"/>	58.95 mi	No <input checked="" type="checkbox"/>	
	C <input checked="" type="checkbox"/>		C <input type="checkbox"/>			
	D <input type="checkbox"/>		D <input checked="" type="checkbox"/>			
	F <input type="checkbox"/>		F <input type="checkbox"/>			

Repair(s) or Improvement(s) Currently Needed: The headgate is tilted and needs to be reset. The head walls also need to be repaired. The diversion dam could be improved. The flume also needs to be reset to prevent flood flows from bypassing it. Fish passage and riparian restoration should be considered as part of any future repairs or improvements.

Structure Description: This ditch is located at the upstream end of a meander. A boulder diversion dam directs water to the headgate, which is located on the south bank of the stream. The stream is unstable in this location, with the possibility of channel avulsion. The bank just upstream of the diversion is eroding, which may cause issues for this ditch in the future. The diversion dam functions poorly and requires regular maintenance.

Comments: This ditch is a priority 22.

Notes:

Estimated Range of Cost: High

Headgate looking downstream



Headgate outlet



Headgate and diversion dam



Diversion dam



Flume looking downstream



Flume looking upstream



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PHOTO LOG

Saguache Creek Stream Management Plan