

SAGUACHE CREEK DIVERSION INFRASTRUCTURE INVENTORY

Structure Name: HODDING D 5

Reported By: Daniel Boyes

Date: April 12, 2019

Headgate	Latitude	Longitude
Location:	38.127614	-106.355888

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 type="checkbox"/>		B <input type="checkbox"/>	55.58 mi	No <input checked="" type="checkbox"/>
	C <input checked="" type="checkbox"/>		C <input type="checkbox"/>		
	D <input type="checkbox"/>		D <input type="checkbox"/>		
	F <input type="checkbox"/>		F <input checked="" type="checkbox"/>		

Repair(s) or Improvement(s) Currently Needed: The flume does not measure accurately and should be reset or replaced. The diversion dam could be improved to more effectively divert water at low flows and have a lesser impact on the stream's function. Fish passage and riparian restoration should also be considered as part of any future repairs or improvements.

Structure Description: This ditch is located on the outside of a meander. A boulder diversion dam directs flow to the headgate, which is located on the north bank of the river. Upstream of the diversion, the channel is very wide and shallow. The diversion has created a small island in its middle that forms two stream channels, one leading to the headgate and the other continuing downstream. Similar to Monk Ditch 3, a scour pool and island have formed downstream of the diversion dam. The meander downstream of the diversion is eroding.

Comments: This ditch is a priority 56.

Notes:

Estimated Range of Cost: Moderate

Headgate looking downstream



Headgate outlet



Diversion dam and headgate



Diversion dam and headgate



Flume looking downstream



Flume looking upstream



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PHOTO LOG

Saguache Creek Stream Management Plan