

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"/>		

Structure Description: This diversion 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 stream. Upstream of the diversion, the channel is very wide. The diversion has created a small island in its middle that forms two channels, one leading to the headgate. 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.

Repair(s) or Improvement(s) Currently Needed: Given these issues, the TAT recommends diversion dam improvement, bank stabilization, and repairing or replacing the flume. A new diversion would allow the ditch to effectively divert water at low flows and reduce its impact on fish passage and sediment transport processes. A new flume would improve accuracy.

Comments: This ditch is a priority 56.

Notes:

Estimated Range of Cost: Medium

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