

SAGUACHE CREEK DIVERSION INFRASTRUCTURE INVENTORY

Structure Name: HOUGLAND D

Reported By: Daniel Boyes

Date: April 12, 2019

Headgate	Latitude	Longitude
Location:	38.13472	-106.347201

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 type="checkbox"/>		B <input type="checkbox"/>	54.64 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: Recommendations include resetting the headgate so that it is level and fixing the leak in the headgate. Bank stabilization is recommended to mitigate headgate erosion and prevent the meander on which this diversion is located being cut off. Fish passage and riparian restoration should be considered as part of any future repairs or improvements.

Structure Description: This ditch is located on the outside of a meander between Hodding Creek and Mill Creek. A boulder diversion dam directs water to the headgate, which is located on the south bank of the river. The headgate is tilted and does not function well. The diversion dam is narrow and tall, leading to scour downstream and creating a barrier to fish passage. The meander on which the diversion is located is tightening and may be cut off during a high flow event.

Comments: This ditch is a priority 39.

Notes:

Estimated Range of Cost: Moderate

Headgate looking downstream



Headgate outlet



Diversion dam looking upstream



Diversion dam looking downstream



Flume looking downstream



Flume looking upstream



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HOUGLAND DITCH

PHOTO LOG

Saguache Creek Stream Management Plan