

SAGUACHE CREEK DIVERSION INFRASTRUCTURE INVENTORY

Structure Name: HAWKINS D

Reported By: Daniel Boyes

Date: April 4, 2019

Headgate	Latitude	Longitude
Location:	38.104875	-106.490006

Headgate Type: Manually operated 2' wide screw gate

Headgate	A <input type="checkbox"/>	Diversion and	A <input type="checkbox"/>	Stream Miles From	Structure Yes <input type="checkbox"/>
Condition:	B <input checked="" type="checkbox"/>	Other Condition:	B <input type="checkbox"/>	Saguache Creek	Submerged: No <input checked="" type="checkbox"/>
	C <input type="checkbox"/>		C <input type="checkbox"/>	Terminus:	
	D <input type="checkbox"/>		D <input checked="" type="checkbox"/>	71.51 mi	
	F <input type="checkbox"/>		F <input type="checkbox"/>		

Repair(s) or Improvement(s) Currently Needed: The diversion dam should be improved to reduce debris accumulation and bank erosion as well as improve ditch function and efficiency. Future improvements to the diversion dam should consider fish passage and riparian restoration. Bank stabilization is needed to protect the headgate. Additionally, the headwall has been damaged and could use repair. There is a minor risk of the upstream meander being cut off due to channel avulsion (see image below). If this occurs, the structure would be significantly impaired. Any future Improvements should take this into consideration.

Structure Description: This ditch is located at the apex of a meander and the bank is experiencing erosion upstream of the headgate. The diversion dam is made up of large boulders and debris and is often supplemented with large hay bales. The headgate is located on the east bank of the river. A new flume was installed in 2019.

Comments: This ditch is a priority 3.

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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HAWKINS DITCH

PHOTO LOG

Saguache Creek Stream Management Plan



Hawkins Ditch point of diversion/headgate location