

SAGUACHE CREEK DIVERSION INFRASTRUCTURE INVENTORY

Structure Name: HEARN D

Reported By: Daniel Boyes

Date: April 3, 2019

Headgate	Latitude	Longitude
Location:	38.06515	-106.1003

Headgate Type: Manually operated 3' wide rectangular screw gate

Headgate Condition:	A <input checked="" 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"/>	25.9 mi	No <input checked="" type="checkbox"/>
	C <input type="checkbox"/>		C <input checked="" type="checkbox"/>		
	D <input type="checkbox"/>		D <input type="checkbox"/>		
	F <input type="checkbox"/>		F <input type="checkbox"/>		

Structure Description: This diversion is located at the apex of a meander in the stream. A diversion dam made of t-posts, boulders, and concrete directs flow to a 30 ft feeder channel on the south bank of the stream and to the headgate, which functions well. The diversion appears to limit sediment transport capacity at this location and forms a barrier to fish passage during low flows.

Repair(s) or Improvement(s) Currently Needed: The SMP Technical Advisory Team (TAT) recommends replacing the diversion with an improved structure. A new diversion would improve fish passage and sediment transport capacity. As noted above, this structure could be combined with the Wall and/or George Ball diversions. Consolidation would reduce maintenance and reduce sediment transport impacts.

Comments: This ditch is a priority 14.

Notes:

Estimated Range of Cost: Medium

Headgate looking downstream



Headgate outlet



Channel looking upstream



Diversion dam



Flume looking downstream



Flume looking upstream



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HEARN DITCH

PHOTO LOG

Saguache Creek Stream Management Plan