

SAGUACHE CREEK DIVERSION INFRASTRUCTURE INVENTORY

Structure Name: IRWIN D

Reported By: Daniel Boyes

Date: April 11, 2019

Headgate	Latitude	Longitude
Location:	38.117611	-106.243051

Headgate Type: Manually operated 1' 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"/>	38.64 mi	No <input checked="" type="checkbox"/>
	C <input checked="" 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. The channel is relatively stable in this location. A stacked rock diversion dam directs water to the headgate, located on the north bank of the stream. Woody debris and sediment accumulate at the headgate due to the diversion's location as well as in the ditch at County Rd 42 because of the its low gradient. The flume is sunken and may have measurement problems if it is not reset.

Repair(s) or Improvement(s) Currently Needed: The SMP Technical Advisory Team (TAT) recommends resetting the flume to improve its measurement accuracy and installing a trash rack at the headgate. The point of diversion could also be relocated upstream, which would also help reduce debris accumulation.

Comments: This ditch is a priority 51.

Notes:

Estimated Range of Cost: Medium

Headgate looking downstream



Headgate outlet



Headgate and diversion dam



Diversion dam



Channel looking upstream



Flume looking upstream



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IRWIN DITCH

PHOTO LOG

Saguache Creek Stream Management Plan