

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"/>		

Repair(s) or Improvement(s) Currently Needed: Debris accumulation needs to be mitigated at the headgate with a trash rack or by relocating the structure. The flume needs to be reset to improve its accuracy. Existing fish passage should be maintained and riparian restoration should be considered as part of any future repairs or improvements.

Structure Description: The ditch is located at the apex of a meander. The channel here is relatively stable. A stacked rock diversion dam directs water to the headgate on the north bank of the river. Woody debris accumulates at the headgate. Sediment accumulates at the headgate as well as in the ditch at County Rd Z because of the ditch's low gradient. The flume is sunken and does not measure accurately.

Comments: This ditch is a priority 51.

Notes:

Estimated Range of Cost: Moderate

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