

SAGUACHE CREEK DIVERSION INFRASTRUCTURE INVENTORY

Structure Name: WARD HIGHLINE D

Reported By: Daniel Boyes

Date: April 12, 2019

Headgate	Latitude	Longitude
Location:	38.15205	-106.275289

Headgate Type: Manually operated 2' wide wooden 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): 44.44 mi	Structure Yes <input type="checkbox"/>
	B <input checked="" type="checkbox"/>		B <input type="checkbox"/>		Submerged: 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"/>		

Repair(s) or Improvement(s) Currently Needed: The headgate and/or diversion dam could be improved with a less dangerous structure. Some woody vegetation should be cleared to improve access to structure. Fish passage and riparian restoration should be considered as part of any future repairs or improvements.

Structure Description: This ditch is located in the transition zone between two meanders. The diversion dam is made up of boulders, t-posts, and a large telephone pole spanning the river. The telephone poll provides bracing for the t-posts as well as an access bridge across the stream. The diversion causes a significant drop in the stream's elevation. At some flows, the drop by can be as high as 6 feet. It also causes water to back up and the form a pool upstream of the diversion dam. Although this diversion functions for the water users, it is dangerous to cross the telephone pole. The diversion dam directs water to a short, ~50 foot feeder ditch and to the headgate. The headgate functions well.

Comments: This ditch is a priority 18.

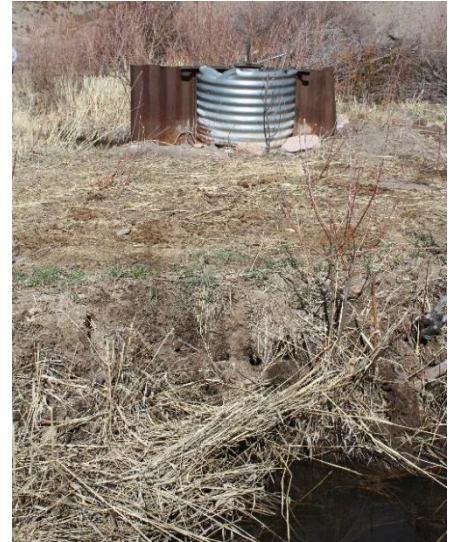
Notes:

Estimated Range of Cost: Low

Headgate looking downstream



Headgate outlet



Diversion dam and feeder ditch



Diversion dam



Diversion dam



Flume looking upstream



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WARD HIGHLINE DITCH

PHOTO LOG

Saguache Creek Stream Management Plan