

SAGUACHE CREEK DIVERSION INFRASTRUCTURE INVENTORY

Structure Name: FARRINGTON D 1

Reported By: Daniel Boyes

Date: April 11, 2019

Headgate	Latitude	Longitude
Location:	38.157354	-106.283048

Headgate Type: Manually operated 2.5' rectangular 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"/>	45.44 mi	No <input checked="" type="checkbox"/>
	C <input checked="" type="checkbox"/>		C <input type="checkbox"/>		
	D <input type="checkbox"/>		D <input checked="" type="checkbox"/>		
	F <input type="checkbox"/>		F <input type="checkbox"/>		

Repair(s) or Improvement(s) Currently Needed: The headgate's handle should be replaced with a more easily operated handle. The diversion dam needs to be improved to reduce maintenance and improve stream function. Fish passage and riparian restoration should be considered as part of any future repairs or improvements.

Structure Description: This ditch is located on the outside of a meander just southwest of Hwy 114. A boulder diversion dam directs water to a feeder ditch, ~350 ft long, which is located on the northeast bank. The river is wide in this location, and thus the diversion dam is supplemented with large hay bales to more effectively divert water from the river. This diversion limits sediment transport at this point in the stream and creates a barrier to fish passage due to its height. The headgate does not function well, partly because the adjustment handle is too close to the steel frame.

Comments: This ditch is a priority 81.

Notes:

Estimated Range of Cost: Moderate

Headgate looking downstream



Headgate outlet



Headgate and diversion dam



Diversion dam and feeder ditch



Flume looking downstream



Flume looking upstream



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PHOTO LOG

Saguache Creek Stream
Management Plan