

SAGUACHE CREEK DIVERSION INFRASTRUCTURE INVENTORY

Structure Name: MCCREE D

Reported By: Daniel Boyes

Date: April 4, 2019

Headgate	Latitude	Longitude
Location:	38.133374	-106.452912

Headgate Type: Manually operated 2.5' wide screw gate

Headgate Condition:	A <input type="checkbox"/>	Diversion and Other Condition:	A <input type="checkbox"/>	Stream Miles from Saguache Creek Terminus:	Structure Submerged During Inspection: Yes <input type="checkbox"/>
	B <input checked="" type="checkbox"/>		B <input type="checkbox"/>	66.14 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 structure is located just upstream of County Rd 31 CC. The diversion dam is made up of boulders, t-posts, and a large tree. The t-posts are braced against the tree and allow check boards or other materials to be installed for adjustments in head pressure. The diversion dam is located on the downstream end of a meander and directs water to the headgate, which is located on the east bank of the stream. Bank erosion is an issue at this location, particularly upstream of the diversion. Bank stabilization structures have been installed downstream of this structure.

Repair(s) or Improvement(s) Currently Needed: Given the issues affecting this structure, the SMP Technical Advisory Team (TAT) recommends upstream bank stabilization and diversion dam enhancement. Bank stabilization would help protect the headgate. An improved diversion such as an improved rock weir would reduce maintenance while still effectively diverting water at a range of flows. Alternatively, the point of diversion for the Commodore Ditch could be combined with this structure's diversion. Consolidation would reduce maintenance as well as impacts to stream function.

Comments: This ditch is a priority 13.

Notes:

Estimated Range of Cost: Medium

Headgate looking downstream



Headgate outlet



Headgate and diversion dam



Diversion dam



Flume looking downstream



Flume looking upstream



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MCCREE DITCH

PHOTO LOG

Saguache Creek Stream Management Plan