

SAGUACHE CREEK DIVERSION INFRASTRUCTURE INVENTORY

Structure Name: RUSSELL D 4

Reported By: Daniel Boyes

Date: April 4, 2019

Headgate	Latitude	Longitude
Location:	38.08698	-106.17867

Headgate Type: Manually operated 2' 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 checked="" type="checkbox"/>		B <input type="checkbox"/>	32.33 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 diversion is located just downstream of County Rd Z. The diversion dam is a rock structure with t-posts and a large log that directs water to the headgate on the south bank of the stream. It is effective but requires regular maintenance. The headgate is slightly tilted but functions moderately well. The flume is tilted and does not measure accurately. The south bank of the stream is eroding between the structure and County Rd Z.

Repair(s) or Improvement(s) Currently Needed: Given these issues, the SMP Technical Advisory Team (TAT) recommends bank stabilizing and riparian revegetation upstream of the diversion structure, improving the diversion, and stabilizing and leveling of both the headgate and flume. Bank stabilization would reduce erosion and sedimentation at the structure and diversion, while headgate and flume improvements would increase efficiency and reduce maintenance needs.

Comments: This ditch is a priority 8.

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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PHOTO LOG

Saguache Creek Stream
Management Plan