

SAGUACHE CREEK DIVERSION INFRASTRUCTURE INVENTORY

Structure Name: MALONE SULLIVAN COMMUNITY D

Reported By: Daniel Boyes

Date: April 3, 2019

Headgate	Latitude	Longitude
Location:	38.078824	-106.1589

Headgate Type: Manually operated 3.5' 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 During Inspection: Yes <input type="checkbox"/>
	B <input checked="" type="checkbox"/>		B <input type="checkbox"/>		No <input checked="" type="checkbox"/>
	C <input type="checkbox"/>		C <input checked="" type="checkbox"/>		
	D <input type="checkbox"/>		D <input type="checkbox"/>	30.6 mi	
	F <input type="checkbox"/>		F <input type="checkbox"/>		

Repair(s) or Improvement(s) Currently Needed: The diversion dam needs to be repaired to prevent further degradation. It could also be elevated to improve the ditch's access to its full decree at low flows. The flume does not consistently measure accurately, but functions moderately well. Fish passage and riparian restoration should be considered as part of any future repairs or improvements.

Structure Description: This ditch is located just downstream of County Rd 46. A stacked rock diversion dam directs water to a ~450 ft feeder ditch that delivers water to a second diversion dam and to the headgate. The diversion dam on the feeder ditch is a checkboard structure with steel wing walls that directs water to the headgate on the north bank of the stream. Any unused water returns to the stream just downstream of the diversion dam. The wing walls are bulging and the diversion is difficult to adjust. The ditch between the headgate and flume was recently cleared and improved.

Comments: This ditch is a priority 1. This ditch includes the Malone Sullivan Ditch 1, Malone Sullivan Ditch 2, Heimberger Ditch 1, Cato Ditch, and the Luengen Sullivan Ditch

Notes:

Estimated Range of Cost: Moderate

Headgate looking downstream



Headgate outlet



Diversion dam looking upstream



Diversion dam looking downstream



Diversion off main channel looking downstream



Flume looking upstream



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MALONE SULLIVAN COMMUNITY DITCH

PHOTO LOG

Saguache Creek Stream Management Plan