

SAGUACHE CREEK DIVERSION INFRASTRUCTURE INVENTORY

Structure Name: FLORENCE D

Reported By: Daniel Boyes

Date: April 4, 2019

Headgate	Latitude	Longitude
Location:	38.079272	-106.162526

Headgate Type: Manually operated 1.5' 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"/>	30.75 mi	No <input checked="" type="checkbox"/>
	C <input type="checkbox"/>		C <input checked="" type="checkbox"/>		
	D <input checked="" type="checkbox"/>		D <input type="checkbox"/>		
	F <input type="checkbox"/>		F <input type="checkbox"/>		

Structure Description: This diversion is located on a tight meander just upstream of County Rd 46. The diversion dam is a boulder structure that functions well but requires regular maintenance (i.e., moving boulders depending on flows). There is potential for bank erosion and/or failure on the north side of the diversion dam. The headgate, located on the south bank of the stream, leaks and is tilted. The flume measures relatively well but has minor leak on its upstream side.

Repair(s) or Improvement(s) Currently Needed: The SMP Technical Advisory Team (TAT) recommends bank stabilization upstream of the diversion, headgate repair or replacement, including installation of new wedges and a handle, and flume repair. Bank stabilization would help prevent the stream bank from failing and headgate and flume improvements would increase efficiency.

Comments: This ditch is a priority 7A. This ditch can divert trans-mountain water.

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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FLORENCE DITCH

PHOTO LOG

Saguache Creek Stream
Management Plan