

SAGUACHE CREEK DIVERSION INFRASTRUCTURE INVENTORY

Structure Name: WALL D

Reported By: Daniel Boyes

Date: April 3, 2019

Headgate	Latitude	Longitude
Location:	38.06499	-106.1016

Headgate Type: Manually operated 2' wide radial 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"/>	25.99 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 the downstream end of a meander in the stream. The diversion dam is made up of t-posts, roofing metal, and other debris. It is typically removed during the winter. The headgate is located on the south bank and suffers from erosion, with the only remaining wing wall collapsing. The exposed headgate culvert has holes which leak at high flows. The flume measures accurately when a shift is applied, however it is eroding.

Repair(s) or Improvement(s) Currently Needed: Given these issues, the SMP Technical Advisory Team (TAT) recommends replacing the diversion and headgate and repairing or replacing the flume. A new and integrated diversion and headworks would reduce maintenance and improve ditch function. Reinforcing the flume to prevent erosion would improve long-term functionality. Alternatively, this structure could be combined with the George Ball and/or Hearn diversions. Consolidation would reduce maintenance and substantially reduce sediment transport impacts.

Comments: This ditch is a priority 23.

Notes:

Estimated Range of Cost: Medium

Headgate looking downstream



Headgate outlet



Channel looking downstream



Damage to headgate culvert



Flume looking downstream



Flume looking upstream



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WALL DITCH

PHOTO LOG

**Saguache Creek Stream
Management Plan**