SAGUACHE CREEK
DIVERSION INFRASTRUCTURE INVENTORY

Structure Name: BIG MEADOW D

Reported By: Daniel Boyes

Date: April 11, 2019

Headgate Location:	Latitude	Longitude
	38.102882	-106.206535

Headgate Type: Manually operated 2.5' wide screw gate

Headgate Condition:	Diversion and Other Condition:	Stream Miles from Saguache Creek Terminus (Point of Diversion):	Structure Submerged:
A ☐	A ☐		Yes ☐
B ☒	B ☐		No ☒
C ☐	C ☒	34.88 mi	
D ☐	D ☐		
F ☐	F ☐		

Structure Description: This structure is located on the outside of a meander. The diversion dam is a combination of boulders, sheet metal, fencing, and concrete. The diversion constricts the stream channel and appears to be causing downstream erosion. The diversion can form a barrier to fish passage, depending on flow and configuration. Debris accumulation is a minor issue on the diversion and at the headgate, which is tilted.

Repair(s) or Improvement(s) Currently Needed: The SMP Technical Advisory Team (TAT) recommends replacing the diversion, repairing or replacing the headgate, and relocating the headgate closer to the diversion. A new diversion would lower maintenance, reduce downstream erosion, and allow for fish passage. Headgate improvements would increase efficiency and relocating the headgate would mitigate debris accumulation.

Comments: This ditch is a priority 5.

Notes:

Estimated Range of Cost: Medium

Headgate looking downstream

Headgate outlet

Headgate and diversion dam

Diversion dam looking downstream

Diversion dam looking upstream

Flume looking downstream

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BIG MEADOW DITCH

PHOTO LOG

Saguache Creek Stream Management Plan