

SAGUACHE CREEK DIVERSION INFRASTRUCTURE INVENTORY

Structure Name: MUNRO D 2

Reported By: Daniel Boyes

Date: April 11, 2019

| | | |
|------------------|-----------------|------------------|
| Location: | Latitude | Longitude |
| | 38.14462 | -106.339273 |

Headgate Type: Manually operated 3' wide 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"/> | 52.9 mi | No <input checked="" type="checkbox"/> |
| | C <input checked="" type="checkbox"/> | | C <input type="checkbox"/> | | |
| | D <input type="checkbox"/> | | D <input checked="" type="checkbox"/> | | |
| | F <input type="checkbox"/> | | F <input type="checkbox"/> | | |

Structure Description: This diversion is located at the downstream end of a meander. A few boulders form the diversion dam, which functions poorly. The streambank upstream of the diversion is eroding and could cause the stream to bypass the headgate. The flume has sunken and woody vegetation has caused its side walls to collapse.

Repair(s) or Improvement(s) Currently Needed: Given these issues, the SMP Technical Advisory Team (TAT) recommends installing a new diversion, repairing or replacing the flume, and implementing bank stabilization upstream of the headgate to prevent further erosion. A more functional diversion would improve ditch function and flume repairs would improve long-term measurement accuracy. Alternatively, to reduce maintenance and stream impacts, this diversion could be relocated and consolidated with Friese Ditch 1.

Comments: This ditch is a priority 38.

Notes:

Estimated Range of Cost: Low

Headgate looking downstream



Headgate outlet



Diversion dam looking upstream



Channel looking downstream



Flume looking downstream



Flume looking upstream



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PHOTO LOG

Saguache Creek Stream Management Plan