

SAGUACHE CREEK DIVERSION INFRASTRUCTURE INVENTORY

Structure Name: HOUGLAND D

Reported By: Daniel Boyes

Date: April 12, 2019

| Headgate | Latitude | Longitude |
|-----------|----------|-------------|
| Location: | 38.13472 | -106.347201 |

Headgate Type: Manually operated 2' 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"/> | 54.64 mi | No <input checked="" type="checkbox"/> |
| | C <input checked="" type="checkbox"/> | | C <input type="checkbox"/> | | |
| | D <input type="checkbox"/> | | D <input type="checkbox"/> | | |
| | F <input type="checkbox"/> | | F <input checked="" type="checkbox"/> | | |

Structure Description: This structure is located on the outside of a meander between Hodding Creek and Mill Creek. A boulder diversion dam directs water to the headgate, which is located on the south bank of the stream. The headgate is tilted and does not function well. The diversion dam is narrow and tall, leading to scour downstream and creating a barrier to fish passage. The meander on which the diversion is located is tightening and may be cut off during a high flow event.

Repair(s) or Improvement(s) Currently Needed: The SMP Technical Advisory Team (TAT) recommends resetting the headgate so that it is level and fixing the headgate's leak. Bank stabilization and riparian revegetation is recommended to mitigate erosion around the headgate and prevent the adjacent meander from being cut off.

Comments: This ditch is a priority 39.

Notes:

Estimated Range of Cost: Medium

Headgate looking downstream



Headgate outlet



Diversion dam looking upstream



Diversion dam looking downstream



Flume looking downstream



Flume looking upstream



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HOUGLAND DITCH

PHOTO LOG

Saguache Creek Stream Management Plan