

SAGUACHE CREEK DIVERSION INFRASTRUCTURE INVENTORY

Structure Name: COMMODORE D

Reported By: Daniel Boyes

Date: April 4, 2019

| Headgate | Latitude | Longitude |
|-----------|-----------|-------------|
| Location: | 38.129834 | -106.456702 |

Headgate Type: Manually operated 2' wide 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 checked="" type="checkbox"/> | | B <input type="checkbox"/> | 66.64 mi | No <input checked="" type="checkbox"/> | |
| | C <input 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 structure is located just downstream of the Highway 114 bridge. There is no diversion dam for this ditch. Just downstream of Hwy 114, water flows into a short feeder channel on the east bank of the stream and then to the headgate. The headgate functions well. The flume is eroding on its downstream side.

Repair(s) or Improvement(s) Currently Needed: The SMP Technical Advisory Team (TAT) recommends bank stabilization, riparian revegetation, and flume improvement. Stabilization and revegetation would help protect the diversion dam and headgate, as well as the Hwy 114 bridge. Filling the area below the flume would help ensure long-term measurement accuracy.

Comments: This ditch is a priority 23.

Notes:

Estimated Range of Cost: Medium

Headgate looking downstream



Headgate outlet



Feeder ditch and overflow channel



Feeder ditch looking upstream



Flume looking downstream



Flume looking upstream



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COMMODORE DITCH

PHOTO LOG

Saguache Creek Stream
Management Plan