

# SAGUACHE CREEK DIVERSION INFRASTRUCTURE INVENTORY

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**Structure Name:** WOODARD BROS D

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**Reported By:** Daniel Boyes

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**Date:** April 4, 2019

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| Headgate  | Latitude | Longitude  |
|-----------|----------|------------|
| Location: | 38.07426 | -106.15202 |

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**Headgate Type:** Manually operated 2' wide screw gate

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|----------------------------|---------------------------------------|---------------------------------------|---------------------------------------|------------------------------------------------------------------------|----------------------------------------------------------|
| <b>Headgate Condition:</b> | A <input type="checkbox"/>            | <b>Diversion and Other Condition:</b> | A <input type="checkbox"/>            | <b>Stream Miles from Saguache Creek Terminus (Point of Diversion):</b> | <b>Structure Submerged:</b> Yes <input type="checkbox"/> |
|                            | B <input type="checkbox"/>            |                                       | B <input type="checkbox"/>            | 29.87 mi                                                               | No <input checked="" type="checkbox"/>                   |
|                            | C <input type="checkbox"/>            |                                       | C <input type="checkbox"/>            |                                                                        |                                                          |
|                            | D <input checked="" type="checkbox"/> |                                       | D <input checked="" type="checkbox"/> |                                                                        |                                                          |
|                            | F <input type="checkbox"/>            |                                       | F <input type="checkbox"/>            |                                                                        |                                                          |

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**Structure Description:** The diversion dam is a stacked rock structure with a utility pole that directs water to the headgate, located on the south bank. The diversion functions but requires regular maintenance. The headgate leaks and sediment accumulation is an issue at this structure.

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**Repair(s) or Improvement(s) Currently Needed:** The SMP Technical Advisory Team (TAT) recommends repairing the headgate leak, installing a sluice gate, and improving the diversion dam. A new headgate and adjacent sluice gate would increase efficiency and sediment transport capacity. An improved diversion would reduce maintenance needs and help ensure long-term function.

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**Comments:** This ditch is a priority 13.

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**Notes:**

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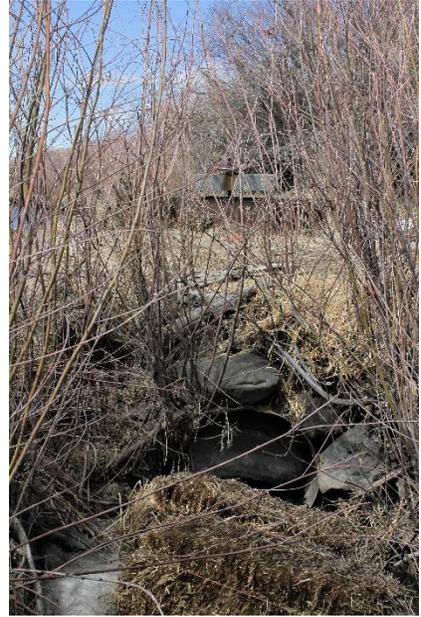
**Estimated Range of Cost:** Low

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Headgate looking downstream



Headgate outlet



Headgate and diversion dam



Diversion dam looking downstream



Flume looking downstream



Flume looking upstream



SAGUACHE CREEK DIVERSION INFRASTRUCTURE INVENTORY

WOODARD BROS DITCH

PHOTO LOG

Saguache Creek Stream  
Management Plan