

# SAGUACHE CREEK DIVERSION INFRASTRUCTURE INVENTORY

---

**Structure Name:** PROFFIT COMPANY D

---

**Reported By:** Daniel Boyes

---

**Date:** April 3, 2019

---

Headgate	Latitude	Longitude
Location:	38.06932	-106.1242

---

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

---

<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> 27.83 mi	<b>Structure Submerged:</b> Yes <input type="checkbox"/>
	B <input checked="" type="checkbox"/>		B <input checked="" type="checkbox"/>		No <input checked="" type="checkbox"/>
	C <input type="checkbox"/>		C <input type="checkbox"/>		
	D <input type="checkbox"/>		D <input type="checkbox"/>		
	F <input type="checkbox"/>		F <input type="checkbox"/>		

---

**Repair(s) or Improvement(s) Currently Needed:** Additional bank stabilization could be installed downstream of the diversion to mitigate erosion of the bank and diversion dam. Fish passage and riparian restoration should be considered as part of any future repairs or improvements.

---

**Structure Description:** This ditch is located just downstream of County Rd 48X. A boulder diversion dam directs flow to the headgate on the north bank of the stream. The diversion dam, headgate, and flume were recently improved and are functioning well. However, the channel is unstable in this location and could experience avulsion or migration in the near future. An overflow channel was installed south of the diversion dam to prevent high flows from washing out the bank. Bank stabilization was also installed upstream of diversion dam to keep water from flooding south of the channel.

---

**Comments:** This ditch is a priority 10.

---

**Notes:**

---

---

**Estimated Range of Cost:** Low

---



Headgate looking downstream



Headgate outlet



Headgate and diversion dam



Diversion dam



Flume looking downstream



Flume looking upstream



SAGUACHE CREEK DIVERSION INFRASTRUCTURE INVENTORY

PROFFIT COMPANY DITCH

PHOTO LOG

Saguache Creek Stream  
Management Plan