

SAGUACHE CREEK DIVERSION INFRASTRUCTURE INVENTORY

Structure Name: WERNER ARROYA D

Reported By: Daniel Boyes

Date: April 4, 2019

Headgate	Latitude	Longitude
Location:	38.11043	-106.23653

Headgate Type: Manually operated 4' wide screw gate

Headgate Condition:	A <input checked="" 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 checked="" type="checkbox"/>	24.7 mi	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: The headgate was recently replaced and is in excellent condition. The diversion dam is negatively affected by a significant sediment deposition. One potential solution is to move the diversion dam downstream to address the sedimentation issue. Fish passage should be maintained and riparian restoration should be considered as part of any future repairs or improvements.

Structure Description: A boulder diversion dam directs water to the headgate, located on the south bank of Saguache Creek. This ditch services eight ditches. This is a critically important structure for water rights administration on the Saguache Creek system.

Comments: This ditch services the following ditches: Morrison Ditch, Fullerton Ditch 2, Fullerton Ditch 3, Moses Goff Ditch 1, Moses Goff Ditch 2, Gotthelf Samora Ditch, Mountfield Ditch, and Mountfield AP Ditch.

Notes:

Estimated Range of Cost: Low

Headgate looking downstream



Headgate outlet



Headgate and diversion dam



Diversion dam



Flume looking downstream



Flume looking upstream

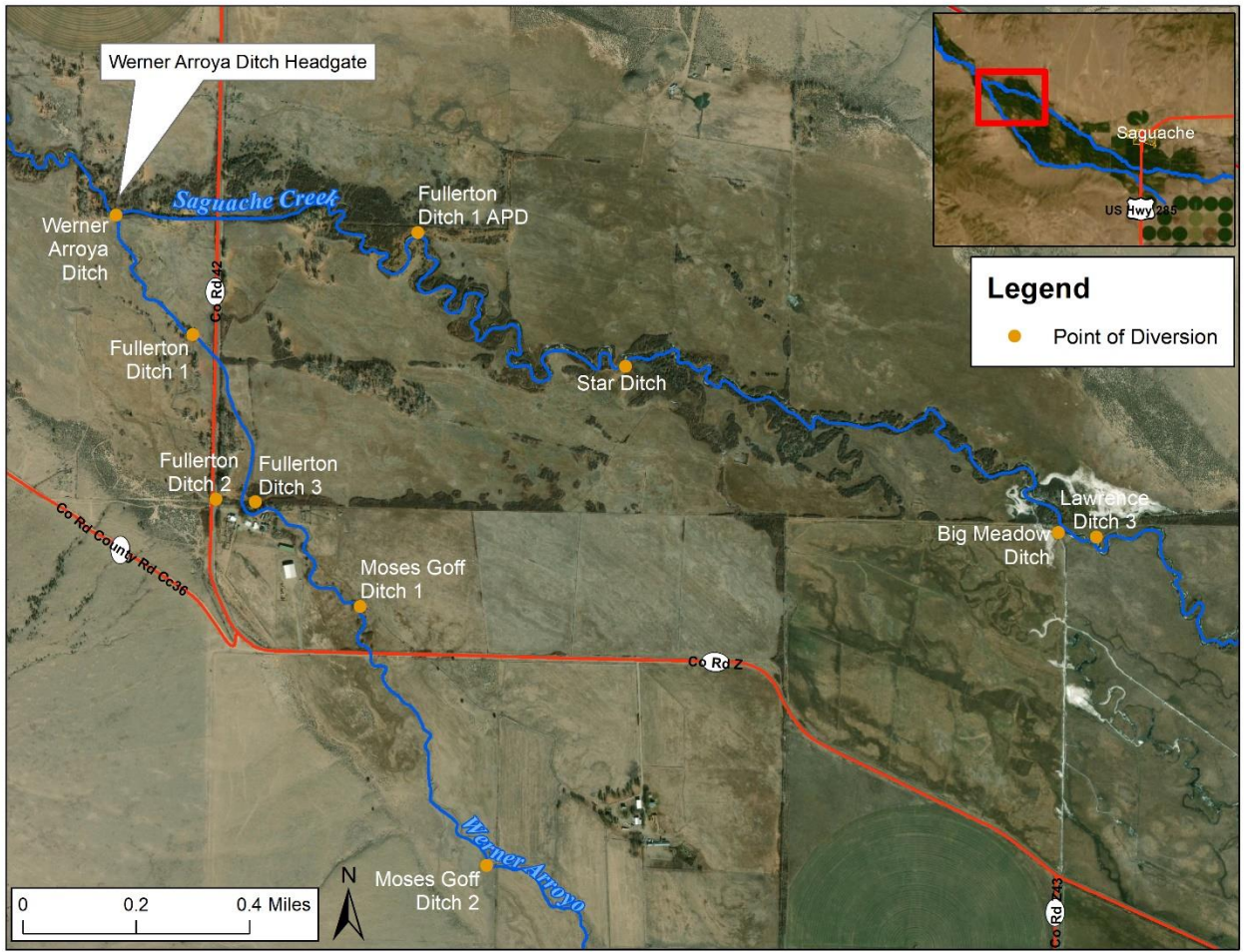


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WERNER ARROYA DITCH

PHOTO LOG

Saguache Creek Stream Management Plan



Werner Arroyo headgate/point of diversion and surrounding diversion structures.