

# SAGUACHE CREEK DIVERSION INFRASTRUCTURE INVENTORY

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**Structure Name:** FULLERTON D 3

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**Reported By:** Daniel Boyes

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**Date:** August 8, 2019

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<b>Headgate</b>	<b>Latitude</b>	<b>Longitude</b>
<b>Location:</b>	38.103126	-106.231886

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**Headgate Type:** Manually operated 4' wide steel slide 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 checked="" type="checkbox"/>
	B <input type="checkbox"/>		B <input type="checkbox"/>	24.04 mi	No <input type="checkbox"/>
	C <input checked="" type="checkbox"/>		C <input type="checkbox"/>		
	D <input type="checkbox"/>		D <input checked="" type="checkbox"/>		
	F <input type="checkbox"/>		F <input type="checkbox"/>		

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**Repair(s) or Improvement(s) Currently Needed:** The headgate could be repaired or replaced. The diversion dam should be improved to more effectively divert water despite sediment and debris accumulation. The flume should be leveled, reset, and regularly cleaned. Fish passage and riparian restoration should be considered as part of any future repairs or improvements.

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**Structure Description:** This structure is located just downstream of Fullerton Ditch 2 on the Werner Arroyo. The diversion dam is a combination of a checkboard structure and stacked rocks, but the checkboards were recently removed due to debris accumulation and should be repaired or replaced. Beaver dams also negatively impact the diversion structure and channel capacity. The headgate leaks and its frame is twisted. The flume does not measure accurately due to willow encroachment and sediment accumulation.

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**Comments:** This ditch is an alternate priority 11. This ditch has transmountain water.

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**Notes:**

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**Estimated Range of Cost:** Low

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Headgate looking downstream



Headgate outlet



Diversion dam looking downstream



Diversion dam



Flume looking downstream



Flume looking upstream



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FULLERTON DITCH 3

PHOTO LOG

Saguache Creek Stream Management Plan