

# SAGUACHE CREEK DIVERSION INFRASTRUCTURE INVENTORY

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**Structure Name:** FARRINGTON D 1

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**Reported By:** Daniel Boyes

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**Date:** April 11, 2019

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Headgate	Latitude	Longitude
Location:	38.157354	-106.283048

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**Headgate Type:** Manually operated 2.5' rectangular 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"/>	45.44 mi	No <input checked="" 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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**Structure Description:** This diversion is located on the outside of a meander just southwest of Hwy 114. A boulder diversion dam directs water to a feeder channel, approximately 350 ft long, which is located on the northeast bank. The stream is wide in this location, and thus the diversion dam is supplemented with large hay bales to more effectively divert water from the stream. This diversion limits the stream's sediment transport capacity at this location and creates a barrier to fish passage due to its height. The headgate is difficult to operate because the adjustment handle is too close to the steel frame.

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**Repair(s) or Improvement(s) Currently Needed:** The SMP Technical Advisory Team (TAT) recommends improving the diversion and replacing the headgate handle. A new diversion would reduce maintenance and improve fish passage as well as sediment transport at this location. Replacing the headgate handle would increase efficiency and reduce maintenance.

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**Comments:** This ditch is a priority 81.

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**Notes:**

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**Estimated Range of Cost:** Medium

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Headgate looking downstream



Headgate outlet



Headgate and diversion dam



Diversion dam and feeder ditch



Flume looking downstream



Flume looking upstream



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FARRINGTON D 1

PHOTO LOG

Saguache Creek Stream  
Management Plan