

# SAGUACHE CREEK DIVERSION INFRASTRUCTURE INVENTORY

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**Structure Name:** HEARN D

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**Reported By:** Daniel Boyes

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**Date:** April 3, 2019

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Headgate	Latitude	Longitude
Location:	38.06515	-106.1003

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**Headgate Type:** Manually operated 3' wide rectangular screw gate

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<b>Headgate Condition:</b>	A <input checked="" 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"/>	25.9 mi	No <input checked="" type="checkbox"/>
	C <input type="checkbox"/>		C <input checked="" type="checkbox"/>		
	D <input type="checkbox"/>		D <input type="checkbox"/>		
	F <input type="checkbox"/>		F <input type="checkbox"/>		

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**Repair(s) or Improvement(s) Currently Needed:** The diversion dam should be replaced with a lower maintenance structure that promotes sediment transport and stream function. Fish passage and riparian restoration should be considered as part of any future repairs or improvements.

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**Structure Description:** This ditch is located at the apex of a meander in the stream. A diversion dam made of t-posts, boulders, and concrete directs flow to a short, ~30 ft feeder ditch on the south bank of the stream and to the headgate. The headgate functions very well. The flume is housed inside a small structure to prevent freezing. It measures accurately. No significant channel or bank erosion was identified at this structure.

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**Comments:** This ditch is a priority 14.

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**Notes:**

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**Estimated Range of Cost:** Moderate

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Headgate looking downstream



Headgate outlet



Headgate and diversion dam



Diversion dam



Flume looking downstream



Flume looking upstream



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HEARN DITCH

PHOTO LOG

Saguache Creek Stream Management Plan