

# SAGUACHE CREEK DIVERSION INFRASTRUCTURE INVENTORY

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**Structure Name:** MILL D

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**Reported By:** Daniel Boyes

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**Date:** April 4, 2019

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Headgate	Latitude	Longitude
Location:	38.0857	-106.173094

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**Headgate Type:** Manually operated 2' wide 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"/>	31.97 mi	No <input checked="" type="checkbox"/>
	C <input checked="" 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:** A trash rack in front of the headgate would reduce maintenance at this ditch. Bank stabilization upstream of the diversion is also recommended. Fish passage and riparian restoration should be considered as part of any future repairs or improvements.

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**Structure Description:** A diversion dam made up of boulders and t-posts directs water to the headgate on the north bank of the stream. The diversion dam functions effectively despite woody debris accumulation. The river in this location is very sinuous and there is potential for channel avulsion to occur here. The headgate does not function effectively due to sediment and woody debris accumulation. The flume measures accurately. This ditch also serves Gotthelf Ditch 1.

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**Comments:** This ditch is a priority 34. It also services Gotthelf Ditch 1, which is a priority 7 with a total decreed rate of 7 cfs.

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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



Diversion dam looking downstream



**SAGUACHE CREEK DIVERSION INFRASTRUCTURE INVENTORY**

**MILL DITCH**

**PHOTO LOG**

**Saguache Creek Stream  
Management Plan**