

# SAGUACHE CREEK

## DIVERSION INFRASTRUCTURE INVENTORY

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**Structure Name:** FRIESE D 2

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**Reported By:** Daniel Boyes

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**Date:** April 11, 2019

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Headgate	Latitude	Longitude
Location:	38.142729	-106.340498

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**Headgate Type:** 2.5' wide rectangular box with checkboards

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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 Stream Terminus:</b>	<b>Structure Submerged During Inspection:</b> Yes <input type="checkbox"/>
	B <input type="checkbox"/>		B <input type="checkbox"/>	53.2 mi	No <input checked="" type="checkbox"/>
	C <input type="checkbox"/>		C <input type="checkbox"/>		
	D <input type="checkbox"/>		D <input checked="" type="checkbox"/>		
	F <input checked="" type="checkbox"/>		F <input type="checkbox"/>		

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**Structure Description:** This structure is located just upstream of Friese Ditch 1 at the apex of a meander. There is no diversion as this ditch is a junior priority and the stream is typically flowing sufficiently when it is in priority. The headgate functions very poorly and the flume was removed from the ditch at the time of inspection.

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**Repair(s) or Improvement(s) Currently Needed:** Given these issues, the SMP Technical Advisory Team (TAT) recommends installing a new headgate, measurement structure, and implementing bank stabilization. A new diversion with adjustment and locking capabilities along with a new measurement device would increase efficiency and reduce maintenance. Bank stabilization and riparian revegetation, especially between this structure and Friese Ditch 1, would reduce erosion and prevent future bank failure.

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**Comments:** This ditch is a priority 128

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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 point of diversion



Saguache Creek upstream of structure



Channel downstream of structure



Flume looking upstream



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FRIESE DITCH 2

PHOTO LOG

Saguache Creek Stream Management Plan