

SAGUACHE CREEK DIVERSION INFRASTRUCTURE INVENTORY

Structure Name: STAR D

Reported By: Daniel Boyes

Date: August 8, 2019

Headgate	Latitude	Longitude
Location:	38.106718	-106.21994

Headgate Type: Manually operated 3' round screw gate

Headgate Condition:	A <input type="checkbox"/>	Diversion and Other Condition:	A <input type="checkbox"/>	Stream Miles from Saguache Creek Terminus (Point of Diversion):	Structure Submerged: Yes <input type="checkbox"/>
	B <input checked="" type="checkbox"/>		B <input checked="" type="checkbox"/>	36.0 mi	No <input checked="" type="checkbox"/>
	C <input type="checkbox"/>		C <input type="checkbox"/>		
	D <input type="checkbox"/>		D <input type="checkbox"/>		
	F <input type="checkbox"/>		F <input type="checkbox"/>		

Structure Description: This structure is located on the outside of a meander. The diversion dam is a welded steel check board structure with boulders and a metal fence as additional reinforcement. The diversion dam directs water to the headgate, located on the south bank of the stream. The dam functions well, although woody debris accumulation is an issue and the structure has difficulty diverting water during low flows. The headgate is stabilized with large boulders and functions effectively.

Repair(s) or Improvement(s) Currently Needed: The SMP Technical Advisory Team (TAT) recommends modifying the diversion to improve its adjustment capabilities. Modifications would reduce debris accumulation and would allow the ditch to effectively divert water at a range of flows. This ditch also services the priority 25 Gotthelf Ditch No. 5.

Comments: This ditch is a priority 5. This ditch also services Gotthelf Ditch 5, a priority 25.

Notes:

Estimated Range of Cost: Medium

Headgate looking downstream



Headgate looking upstream



Diversion dam looking downstream



Diversion dam looking downstream



Diversion dam looking upstream



Flume looking downstream



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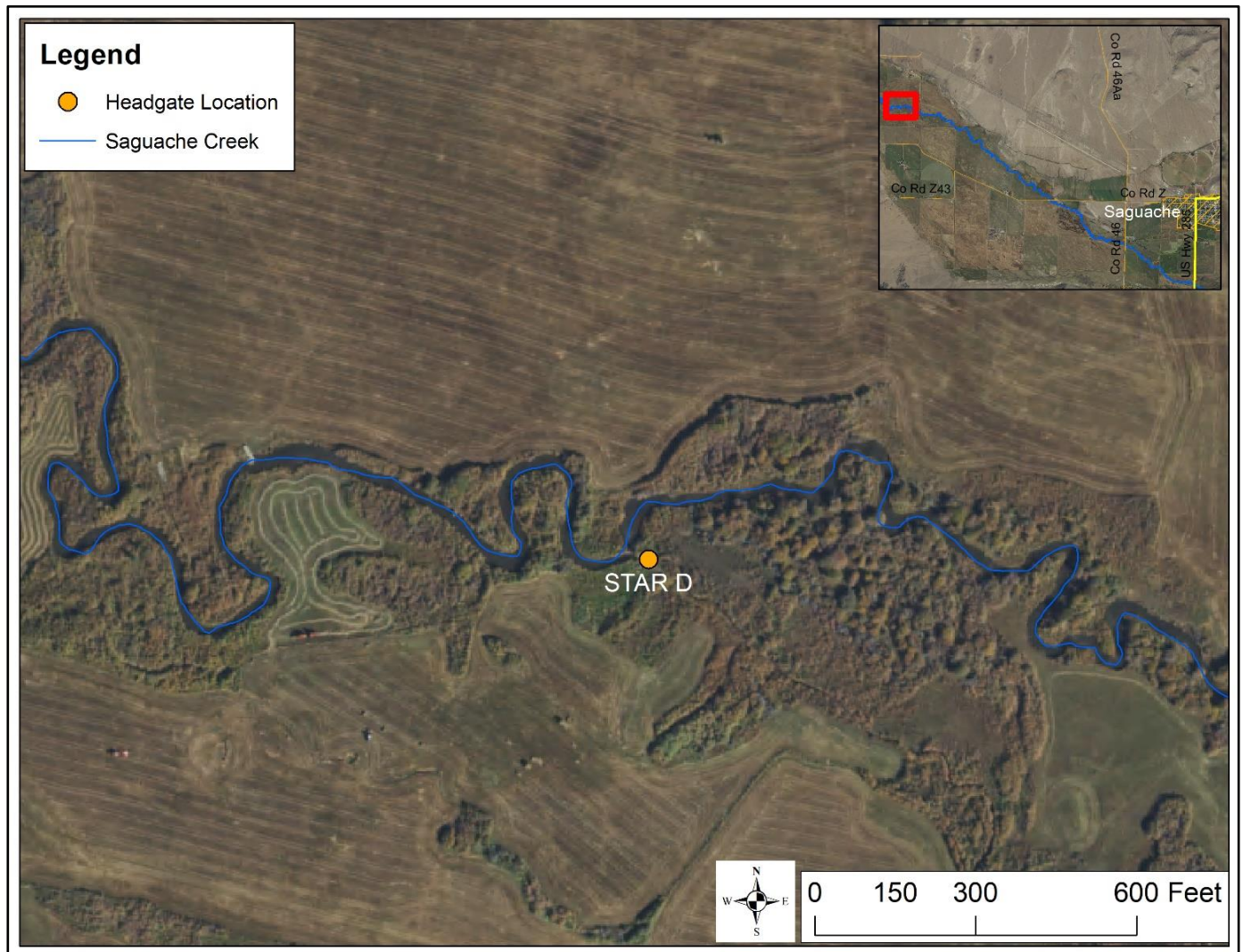
STAR DITCH

PHOTO LOG

Saguache Creek Stream Management Plan



Stream channel downstream of structure



Star Ditch headgate location