

Rubicon Trail Site Assessment

February 8, 2018

Crew: Justin Williams

Weather Conditions: The weather conditions for the Rubicon Trail were sunny and nice. The temperature on the trail was approximately 60(F) at 1:30 pm and 50(F) around 4:30 p.m. The summary of weather conditions up to this day are as followed:

2018		4-FEB	5-FEB	6-FEB	7-FEB	8-FEB
SLT	Precip (in)	.12	0	0	0	0
	Avg Temp (F)	42	40	39	39	40
R2	Snow Depth (in)	7	7	7	7	7
	Avg Temp (F)	42	42	43	37	40
LL	Precip (in)	0	0	0	0	0
	Low Temp(F)	40	37	33	36	38
	High Temp(F)	59	56	51	58	60
	Ave Temp(F)	47	45	42	45	47

Reference Loon Lake Elevation: ~6,500 ft

SLT= South Lake Tahoe; elevation: 6,623 ft <http://classic.wunderground.com/cgi-bin/findweather/getForecast?query=38.89361191,-119.99527740&MR=1>

R2 – Rubicon#2 Snotel Site; elevation: 7,689 ft <http://www.wcc.nrcs.usda.gov/nwcc/site?sitenum=724&state=ca>

LON –Loon Lake; elevation: 6,410 ft http://cdec.water.ca.gov/cgi-progs/stationInfo?station_id=LON

Trail Sections (Areas in grey not observed):

Wentworth Springs Campground / Post Pile Grade /

Ellis Creek Tie Intersection / Walker Hill / Soup Bowl / Winter Camp / Little Sluice Area

Trail Conditions / Observations: Staff entered the Rubicon Trail using the trail head at Airport Flats campground. Every monitoring site was reached on this inspection. Trail conditions were very nice with the lack of rain and snow this season. No significant snow depths were seen on the trail only with trace amounts visible under trees and in shaded areas. The BMP's that were observed were functioning as designed.

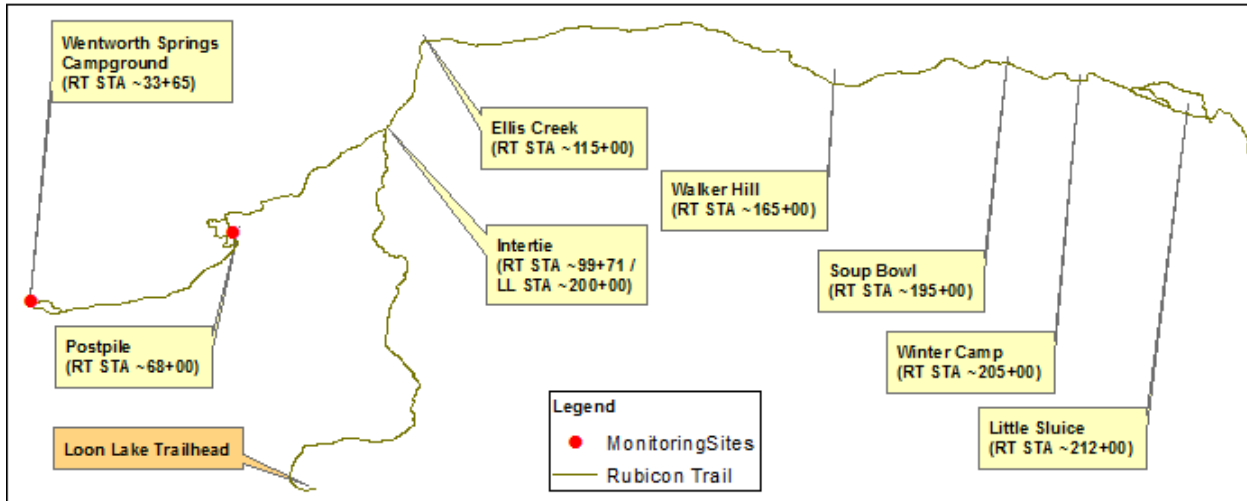
County Assessment: As of this site visit for the conditions observed, the County has determined that the goals of the Saturated Soil Water Quality Protection Plan (SSWQPP) are being met. Observed water levels were low enough to not pose a risk of washing contaminants from the under carriage of vehicles pursuant to the monitoring protocols.

Report reviewed by U.S. Forest Service on February 22, 2018

Reviewers: Jon Jue, Acting District Ranger, and Vince Pacific, Hydrologist

Rubicon Trail Site Assessment February 8, 2018

Photo Monitoring:



Wentworth Springs Campground

RT Station 33+65

Water Depths: 0.1', 0.1', 0.1'

Notes: All BMP'S in this area are functioning as designed.

Run off was minimal and snow depths in this area were approximately 8" deep in the shaded areas.

**Rubicon Trail Site Assessment
February 8, 2018**



Post Pile

RT Station 68+00

Water Depths: 0.1', 0.1', 0.1'

Notes: All BMP'S in this area are functioning as designed. Run off was minimal and was running down the rock lined crossing as designed with very little snow in the shaded areas.



Intertie

RT Station 115+00

Water Depths: 0.05', 0.1', 0.05'

Notes: The water bar and RED were exposed and functioning as intended. Runoff was minimal there was also some pine needles and debris in the RED that was cleaned out to allow for better run off.

**Rubicon Trail Site Assessment
February 8, 2018**



Walker Hill
RT Station 165+00

Water Depths: 0.0', 0.05', 0.1'

Notes: The water bar was exposed and functioning as intended. Snow depth in this area was approximately 10" in the shade with minimal run off.



Soup Bowl
RT Station 195+00

Water Depths: 0.1', 0.05', 0.1'

Notes: Lead off ditch was exposed and functioning as designed. Snow depth in this area was approximately 10" in the shade with minimal run off.

Rubicon Trail Site Assessment February 8, 2018



Winter Camp
RT Station 205+00

Water Depths: 0.0', 0.1', 0.2'

Notes: All BMP's functioning as designed. Run off was diverted to the right side of the trail into a lead off ditch which is located out of the travel path.



Little Sluice
RT Station 212+00

Water Depths: 0.05', 0.1', 0.05'

Notes: BMP's in this location are functioning as designed. Snow depth was approximately 12" at this location and run off was minimal.