

Rubicon Trail Site Assessment December 6, 2017

Crew: Justin Williams, John Arenz

Weather Conditions: The weather conditions for the Rubicon Trail were sunny and nice. The temperature on the trail was approximately 40(F) at 1:30 pm and 35(F) around 4:30 p.m. The summary of weather conditions up to this day are as followed:

2016		2-DEC	3-DEC	4-DEC	5-DEC	6-DEC
SLT	Precip (in)	0	.06	0	0	0
	Avg Temp (F)	39	29	22	28	30
R2	Snow Depth (in)	3	3	4	5	5
	Avg Temp (F)	39	40	25	21	30
LL	Precip (in)	0	0.58	0	0	0
	Low Temp(F)	33	22	21	23	34
	High Temp(F)	45	30	27	41	42
	Ave Temp(F)	38	25	24	42	37

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 14N05 to the Ellis Creek Gates entrance, due to ice in the bowl and travel through the bowl was not safe. Every location was frozen so no depths were measured. From Ellis Creek staff drove to the top of Walker Hill. No significant snow depths were seen on the trail only with trace amounts visible under trees and in shaded areas. There was significant ice on the trail, most all of the water on the trail was frozen. The BMP's that were observed were functioning as designed, frozen but functioning as designed. Due to cold temperatures/ice on the roads and time constraints staff did not go in past Walker Hill. Images and data provided from John Arenz for Soup Bowl, Winter Camp and the Little Sluice locations.

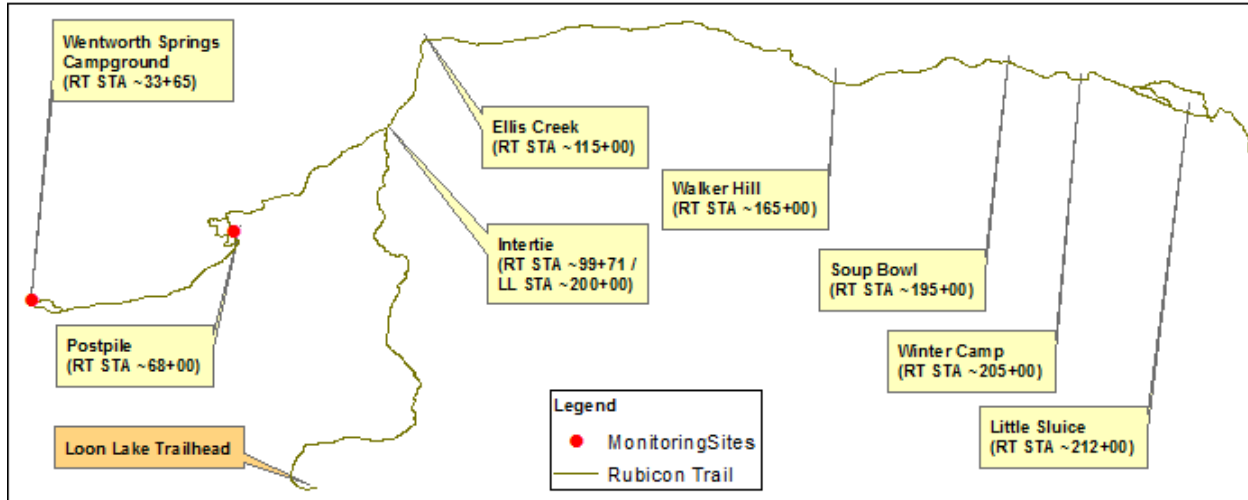
County Assessment: As of this site visit for the conditions observed, the County has determined that the goals of the Saturated Soil Water Quality Protection Plan (SSWQPP) are being met. Observed water levels were low enough to not pose a risk of washing contaminants from the under carriage of vehicles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

Report reviewed by U.S. Forest Service on December 15, 2016

Reviewers: Richard Thornburgh, District Ranger, and Vince Pacific, Hydrologist

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Photo Monitoring:



Intertie
RT Station 115+00

Water Depths: 0.0', 0.0', 0.0'

Notes: All water in this location was frozen so no measurements were taken. The water bar and RED were exposed and functioning as intended.

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Walker Hill
RT Station 165+00

Water Depths: 0.0', 0.0', 0.0'

Notes: All water in this location was frozen so no measurements were taken. The water bar was exposed and functioning as intended.



Soup Bowl
RT Station 195+00

Water Depths: 0.0', 0.0', 0.0'

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Notes: All water in this location was frozen so no measurements were taken. Lead off ditch was exposed and functioning as designed.

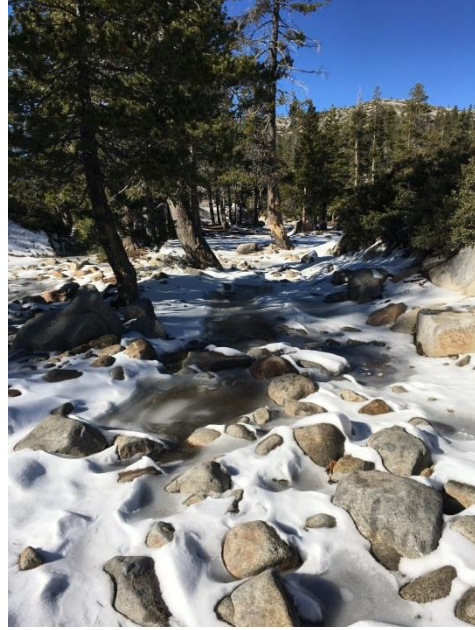


Winter Camp
RT Station 205+00

Water Depths: 0.0', 0.0', 0.0'

Notes: All BMP's functioning as designed. No measurements were recorded for this location.

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Little Sluice
RT Station 212+00

Water Depths: 0.0', 0.0', 0.0'

Notes: All water in this location was frozen so no measurements were taken.