

Rubicon Trail Site Assessment

May 22, 2019

Crew: Justin Williams, Vickie Sanders

Weather Conditions: The weather conditions for the Rubicon Trail were nice. The temperature on the trail was approximately 32(F) at 8:00 a.m. and 50(F) around 3:30 p.m. The summary of weather conditions up to this day are as followed:

2019		18-MAY	19-MAY	20-MAY	21-MAY	22-MAY
SLT	Precip (in)	0	0	0	0	0
	Avg Temp (F)	51	51	51	52	50
R2	Snow Depth (in)	54	55	56	56	54
	Avg Temp (F)	32	34	35	31	34
LL	Precip (in)	0.46	0.8	0.03	1.08	0.04
	Low Temp(F)	27	25	22	27	26
	High Temp(F)	42	32	38	31	45
	Ave Temp(F)	33	29	31	29	36

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 Loon Lake. Snow conditions observed were about 12-18 inches of fresh snow from the day before on top of 3-5 feet of hard pack in the low sun exposure areas. Trail conditions were very nice with approximately 2-5 feet of snow on the trail with exposed rocks in areas that had full sun exposure. Most BMP's were not observed as they were underneath snow. The Ellis Creek Bridge had about 3-4 feet of snow down the middle making it impossible to cross. There were a number of off camber sections up to this location of the trail that were very difficult and even unsafe, staff turned back at this point for safety of staff and time restraints.

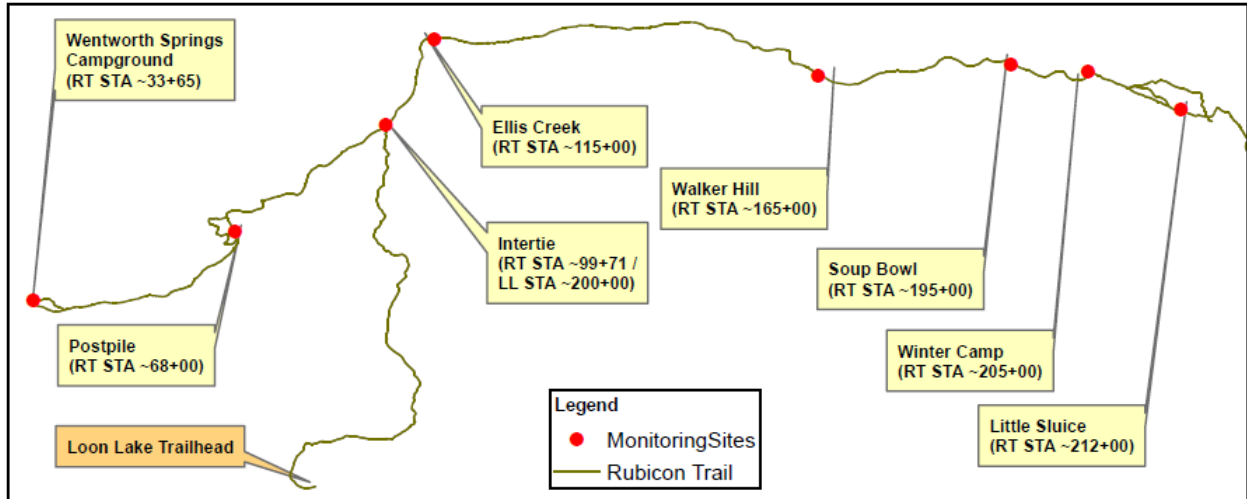
County Assessment: As of this site visit for the conditions observed, the County has determined that the goals of the Saturated Soil Water Quality Protection Plan (SSWQPP) are being met. Observed water levels were low enough to not pose a risk of washing contaminants from the under carriage of vehicles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

Report reviewed by U.S. Forest Service on XXXXX, 2019

Reviewers: Vince Pacific, Hydrologist

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Photo Monitoring:



Wentworth Springs Campground

RT Station 33+65

Water Depths: -, -, -

Notes: Staff did not make it to this site.

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Post Pile

RT Station 68+00

Water Depths: -, -, -'

Notes: Staff did not make it to this site.



Intertie

RT Station 115+00

Water Depths: 0.01', 0.01' 0.03'

Notes: BMP's were functioning as designed. Runoff that was visible was running in the designed facilities.

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Walker Hill

RT Station 165+00

Water Depths:

Notes: Did not make it to this site due to snow conditions.

Soup Bowl

RT Station 195+00

Water Depths:

Notes: Did not make it to this site due to snow conditions.

Winter Camp

RT Station 205+00

Water Depths:

Notes: Did not make it to this site due to snow conditions

Little Sluice

RT Station 212+00

Water Depths:

Notes: Did not make it to this site due to snow conditions