

Rubicon Trail Site Assessment

March 27, 2018

Crew: Justin Williams, Robby Robertson

Weather Conditions: The weather conditions for the Rubicon Trail were sunny and nice. The temperature on the trail was approximately 32(F) at 8:00 a.m. and 45(F) around 12:30 p.m. The summary of weather conditions up to this day are as followed:

2018		23-MAR	24-MAR	25-MAR	26-MAR	27-MAR
SLT	Precip (in)	0	0.06	0	0	0
	Avg Temp (F)	35	28	25	28	38
R2	Snow Depth (in)	53	51	55	53	51
	Avg Temp (F)	32	27	24	22	26
LL	Precip (in)	0	0.74	0.08	0.01	0
	Low Temp(F)	23	17	16	17	28
	High Temp(F)	33	26	30	35	47
	Ave Temp(F)	27	22	22	27	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 the trail head at Loon Lake. Every monitoring site was reached on this inspection. Trail conditions were very nice with gusting winds and approximately 4-6 feet of snow on the entire trail. The BMP's were not observed as they were underneath 4-6 feet of snow.

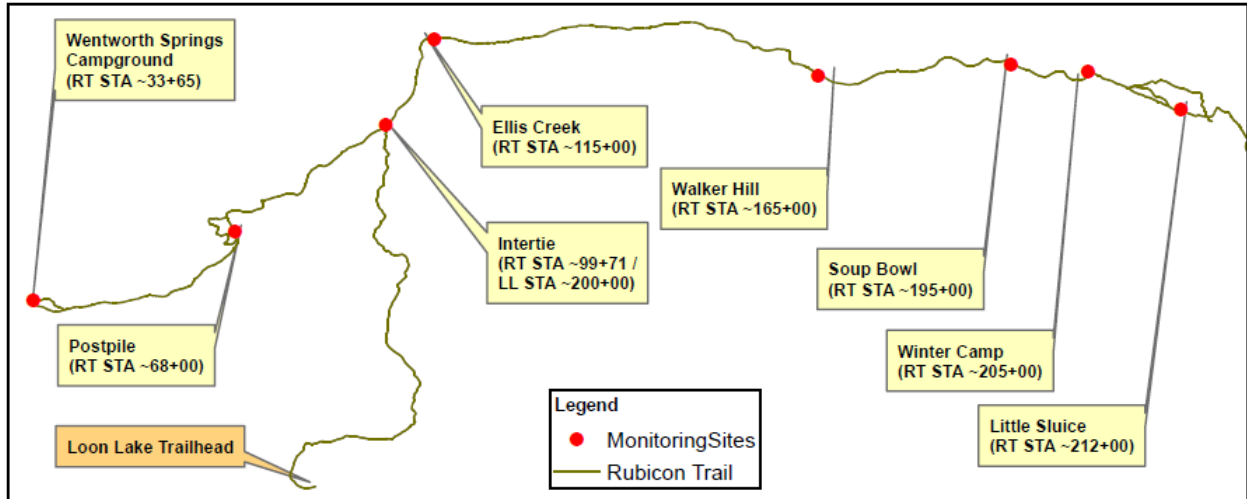
County Assessment: As of this site visit for the conditions observed, the County has determined that the goals of the Saturated Soil Water Quality Protection Plan (SSWQPP) are being met. Observed water levels were low enough to not pose a risk of washing contaminants from the under carriage of vehicles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

Report reviewed by U.S. Forest Service on March 30, 2018

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

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Photo Monitoring:



Wentworth Springs Campground

RT Station 33+65

Water Depths: 0.0', 0.0', 0.0'

Notes: There was approximately 5 feet of snow in this area covering all BMP's. No run off was visible and all tracks in the photos were made by County staff.

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Post Pile

RT Station 68+00

Water Depths: 0.2', 0.3', 0.3'

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 3-5 feet of snow in this area.



Intertie

RT Station 115+00

Water Depths: 0.0', 0.0', 0.0'

Notes: The water bar and RED were not exposed due to the 4-6 feet of snow. There was no run off visible and tracks in photos were from county staff.

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Walker Hill
RT Station 165+00

Water Depths: 0.0', 0.0', 0.0'

Notes: No BMP's were exposed at this site. Snow depth in this area was approximately 4-5 feet with no run off visible.



Soup Bowl
RT Station 195+00

Water Depths: 0.0', 0.0', 0.0'

Notes: BMP's in this location were not visible.. Snow depth in this area was approximately 4-5 feet with no run off visible.

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Winter Camp
RT Station 205+00

Water Depths: 0.0', 0.0', 0.0'

Notes: BMP's in this location were not visible. Snow depth in this area was approximately 4-5 feet deep. Run off was not visible.



Little Sluice
RT Station 212+00

Water Depths: 0.0', 0.0', 0.0'

Notes: BMP's in this location were not visible. Snow depth was approximately 5-6 feet at this location and there was no run off visible.