

# Rubicon Trail Site Assessment

## January 24, 2019

**Crew:** Justin Williams, Peter MacClaren

**Weather Conditions:** The weather conditions for the Rubicon Trail were sunny and nice. The temperature on the trail was approximately 36(F) at 9:00 a.m. and 47(F) around 3:30 p.m. The summary of weather conditions up to this day are as followed:

2019		20-JAN	21-JAN	22-JAN	23-JAN	24-JAN
<b>SLT</b>	Precip (in)	0	0	0	0	0
	Avg Temp (F)	35	25	23	30	31
<b>R2</b>	Snow Depth (in)	56	53	60	58	54
	Avg Temp (F)	32	39	33	23	25
<b>LL</b>	Precip (in)	0.27	1.86	0.6	0	0
	Low Temp(F)	35	22	18	18	26
	High Temp(F)	41	37	30	34	47
	Ave Temp(F)	37	32	23	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](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 were frozen and firm in the morning and softened up in the afternoon. Trail conditions were very nice with gusting winds and approximately 4-6 feet of snow on the entire trail. Most BMP’s were not observed as they were underneath 4-6 feet of snow.

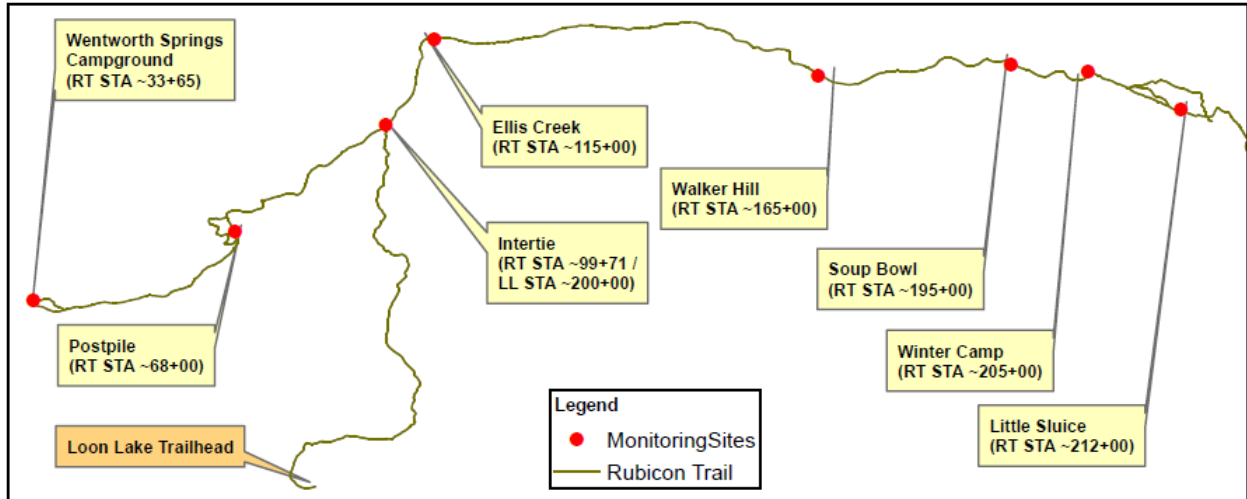
**County Assessment:** As of this site visit for the conditions observed, the County has determined that the goals of the Saturated Soil Water Quality Protection Plan (SSWQPP) are being met. Observed water levels were low enough to not pose a risk of washing contaminants from the under carriage of vehicles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

Report reviewed by U.S. Forest Service on February 1, 2019

Reviewers: Joe Pereira, Acting District Ranger, and 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 due to vehicle failure.

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**Post Pile**

RT Station 68+00

Water Depths: 0.2', 0.2', 0.2'

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 and tracks in photos were from county staff.



**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 and tracks in photos were from county staff.



**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.