

# Rubicon Trail Site Assessment

## February 21, 2013

**Crew:** Rick Hammonds, Byron Saylor

**Weather Conditions:** The weather conditions for the Rubicon Trail were sunny, windy and cool with snow all throughout the trail. The temperature on the trail was approximately 25(F) at 7:00 am and rose to 40(F) around 2:00 p.m. The summary of weather conditions up to this day are as followed:

2013		17-Feb	18-Feb	19-Feb	20-Feb	21-Feb	22-Feb	23-Feb	24-Feb
GT	Precip (in)	0.00	0.00	0.12	0.50	<b>0.01</b>	0.00	0.06	0.00
	Avg Temp (F)	50	44	32	36	<b>39</b>	44	0	43
SLT	Precip (in)	0	0	0.01	0.02	<b>0.12</b>	0	T	0
	Avg Temp (F)	36	34	28	23	<b>28</b>	31	31	28
R2	Snow Depth (in)	35	35	35	37	<b>37</b>	37	36	36
	Avg Temp (F)	39	36	34	22	<b>23</b>	24	31	26

Reference Loon Lake Elevation: ~6,500 ft

GT = Georgetown; elevation: 2,880 ft

<http://classic.wunderground.com/cgi-bin/findweather/getForecast?query=95634>

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>

### Trail Sections (Areas in grey not observed):

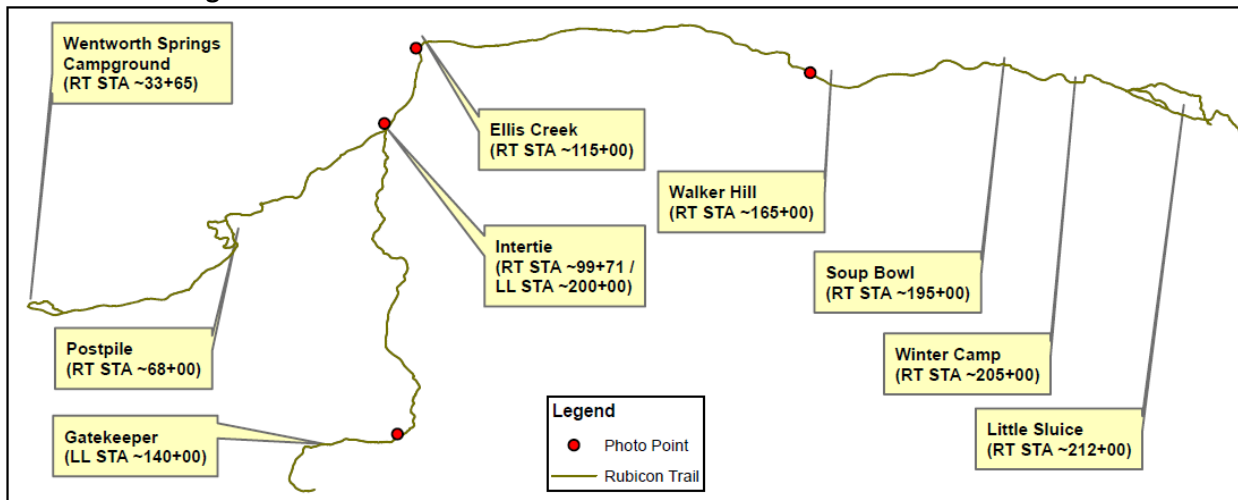
Wentworth Springs Campground / Post Pile Grade /

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

**Trail Conditions / Observations:** Entered the Trail from Loon Lake entrance. Traveled from Loon Lake to Walker then back to Loon Lake via Gate Keeper. We did not visit the other trail sections due to time restraints. There were no vehicles that were seen on the trail over the course of the day. The BMP's were covered in snow along with the trail. In some spots the trail was exposed and the water was observed flowing clear.

**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.

### Photo Monitoring:





Gate Keeper  
 LL Station 146+77.03  
 Water Depth: 0.5'

The Rock Outlet Protection (ROP) was exposed through the snow, with run off moving across the ROP. The snow level was higher since the last visit so the ROP was exposed less. The water was clear with no signs of sediment moving in the water with the flow appearing to be moving towards the snow covered BMP.



Ellis Creek Intertie  
 RT Station 99+86.95  
 Water Depth: 0.2'

The Rock Lined Channel (RLC) was exposed minimally through the snow, with run off moving in the RLC. The run off was clear with no signs of sediment moving in the water. The water was moving towards the Rock Energy Dissipater (RED) which was still covered with snow.



Ellis Creek  
 RT Station 115+00  
 Water Depth: 0.6'

Trail covered in snow, except where the Trail crosses Ellis Creek. Runoff from edge of Trail was noted moving from Trail into Ellis Creek. The water that was going into the creek was clear with no signs of sediment evident. Note that water depth measurement was for Ellis Creek flow.



Walker Hill  
 RT Station 170+80  
 Water Depth: 0.2'

The Rock Slope Protection (RSP) was exposed minimally in spots through the snow. There was no run off that was visible at this site.