

# Rubicon Trail Site Assessment

## March 1, 2013

**Crew:** Rick Hammonds, Byron Saylor

**Weather Conditions:** The weather conditions for the Rubicon Trail were sunny, warm and windy with snow all throughout the trail. The temperature on the trail was approximately 49(F) at 10:30 am and maintained at 49(F) around 1:00 p.m. The summary of weather conditions up to this day are as followed:

2013		25-Feb	26-Feb	27-Feb	28-Feb	1-Mar	2-Mar	3-Mar
<b>GT</b>	Precip (in)	0.00	0.00	0.00	0.00	<b>0.00</b>	0.00	0.07
	Avg Temp (F)	44	47	50	50	<b>56</b>	58	0
<b>SLT</b>	Precip (in)	0	0	0	0	<b>0</b>	0	0.14
	Avg Temp (F)	33	30	32	40	<b>41</b>	44	38
<b>R2</b>	Snow Depth (in)	35	35	34	34	<b>0</b>	0	0
	Avg Temp (F)	34	38	41	43	<b>32</b>	32	32

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

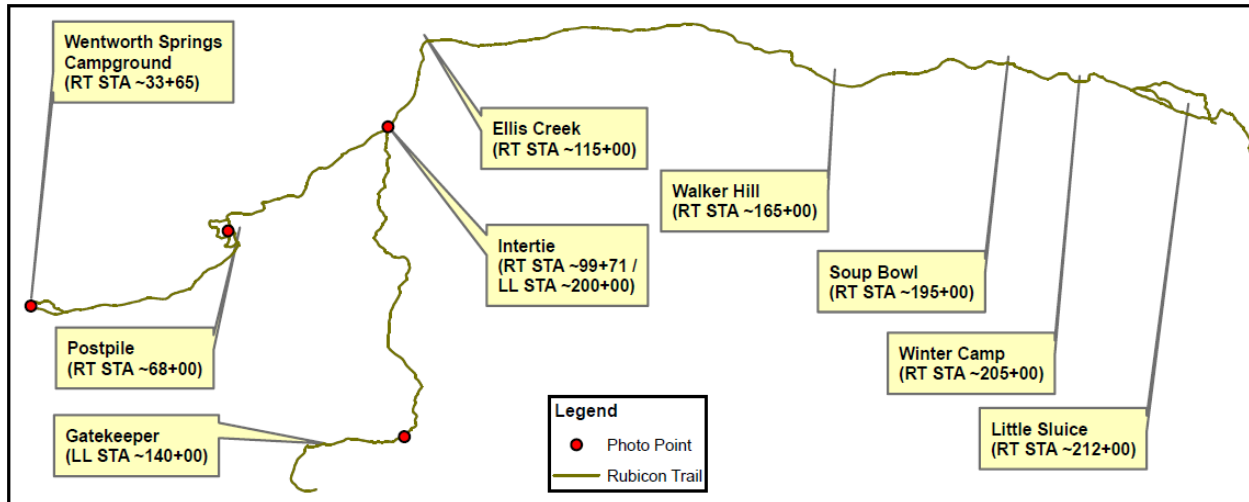
**Trail Conditions / Observations:** Entered the Trail from Loon Lake entrance. Traveled from Loon Lake to Wentworth Springs Camp Ground and then to Ellis Intertie. From Ellis Intertie we traveled back to Loon Lake via Gate Keeper. There were no vehicles that were seen on the trail over the course of the day. The vehicle tracks that we did notice were from ourselves and property owners. The BMP's were covered in snow along with the trail. In some spots the trail was exposed and where there was water it was observed flowing clear. We did not observe the other sites due to 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.

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### Photo Monitoring:



**Gate Keeper**  
 LL Station 146+77.03  
 Water Depth: 0.4'  
 The Rock Outlet Protection (ROP) was exposed through the snow, with run off moving across the ROP. 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.

**Wentworth Springs Camp Ground**  
 RT Station 33+65.67  
 Water Depth: 0.2'  
 The Rock Ditch Crossing (RDX) was exposed through the snow, with run off moving across the RDX. The water was clear with no signs of sediment moving in the water.

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Post Pile  
RT Station 75+00  
Water Depth: 0.4'

The Rock Ditch Crossing (RDX) was under the snow and could not be observed. Run off was seen flowing down the trail with no signs of sediment in the water.



Ellis Creek Intertie  
RT Station 99+86.95  
Water Depth: 0.3'

The Rock Lined Channel (RLC) was exposed 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.