

# Rubicon Trail Site Assessment

## February 26, 2013

**Crew:** Rick Hammonds, Byron Saylor

**Weather Conditions:** The weather conditions for the Rubicon Trail were sunny, cool and windy with snow all throughout the trail. The temperature on the trail was approximately 31(F) at 7:00 am and rose to 47(F) around 12:30 p.m. The summary of weather conditions up to this day are as followed:

2013		22-Feb	23-Feb	24-Feb	25-Feb	26-Feb	27-Feb
GT	Precip (in)	0.00	0.06	0.00	0.00	<b>0.00</b>	0.00
	Avg Temp (F)	44	40	43	44	<b>47</b>	50
SLT	Precip (in)	0	T	0	0	<b>0</b>	0
	Avg Temp (F)	31	31	28	33	<b>30</b>	32
R2	Snow Depth (in)	37	36	36	36	<b>36</b>	36
	Avg Temp (F)	24	31	26	26	<b>33</b>	29

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):

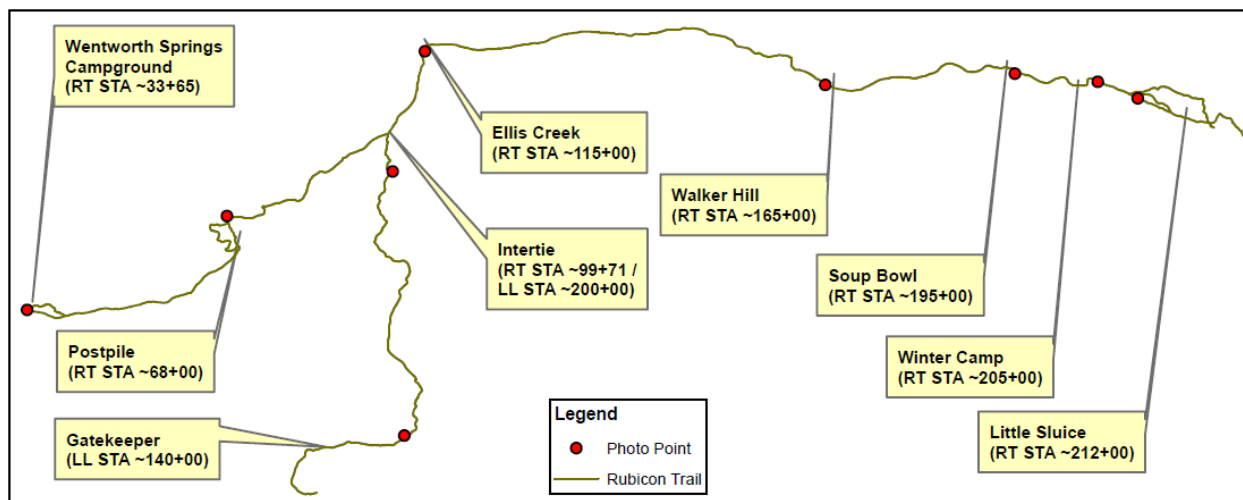
Wentworth Springs Campground / Post Pile Grade /

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 Little Sluice. From Little Sluice 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.

**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:



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**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 now signs of sediment moving in the water.



**Post Pile**  
RT Station 75+00  
Water Depth: 0.3'

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: 0.2'

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.

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

There was run off that was moving from the trail and into Ellis Creek. The water that was going into the creek was clear with no signs of sediment evident.



**Walker Hill**  
RT Station 170+80  
Water Depth: 0.1'

The Rock Slope Protection (RSP) was exposed in spots through the snow. There was minimal run off that was flowing down the trail in spots. The water was clear and did not have noticeable signs of sediment.



**Soup Bowl**  
RT Station 198+40.84  
Water Depth: 0.3'

The Rock Ditch Crossing (RDX) was exposed through the snow with run off moving through it. The water that was moving through the RDX was clear and did not appear to have signs of sediment.



**Winter Camp**  
RT Station 209+58.39  
Water Depth: 0.3'

The Rock Fill (RF) was exposed through the snow. There was run off moving over the RF. The water was clear and did not have noticeable signs of sediment.

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Little Sluice  
RT 213+50.32  
Water Depth: 0.2'

The Rock Fill (RF) was minimally exposed in one spot through the snow. There was run off that was flowing over the RF. The water was clear and did not have any noticeable signs of sediment.