

# Rubicon Trail Site Assessment

## March 13, 2013

**Crew:** Rick Hammonds, Byron Saylor

**Weather Conditions:** The weather conditions for the Rubicon Trail were sunny, warm with snow all throughout the trail and some patches of open soil. The temperature on the trail was approximately 37(F) at 7:00 am and maintained at 62(F) around 5:00 p.m. The summary of weather conditions up to this day are as followed:

2013		9-Mar	10-Mar	11-Mar	12-Mar	13-Mar	14-Mar
<b>GT</b>	Precip (in)	0.00	0.00	0.00	0.00	<b>0.00</b>	0.00
	Avg Temp (F)	49	48	53	58	<b>62</b>	62
<b>SLT</b>	Precip (in)	0.01	0	0	0	<b>0</b>	0
	Avg Temp (F)	31	33	40	44	<b>49</b>	50
<b>R2</b>	Snow Depth (in)	46	45	43	42	<b>40</b>	37
	Avg Temp (F)	28	30	36	42	<b>45</b>	49
<b>LON</b>	Low Temp(F)	22	31	31	39	37	40
	High Temp(F)	43	56	58	62	63	60
	Ave Temp(F)	32	43	45	49	48	50

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>

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 /

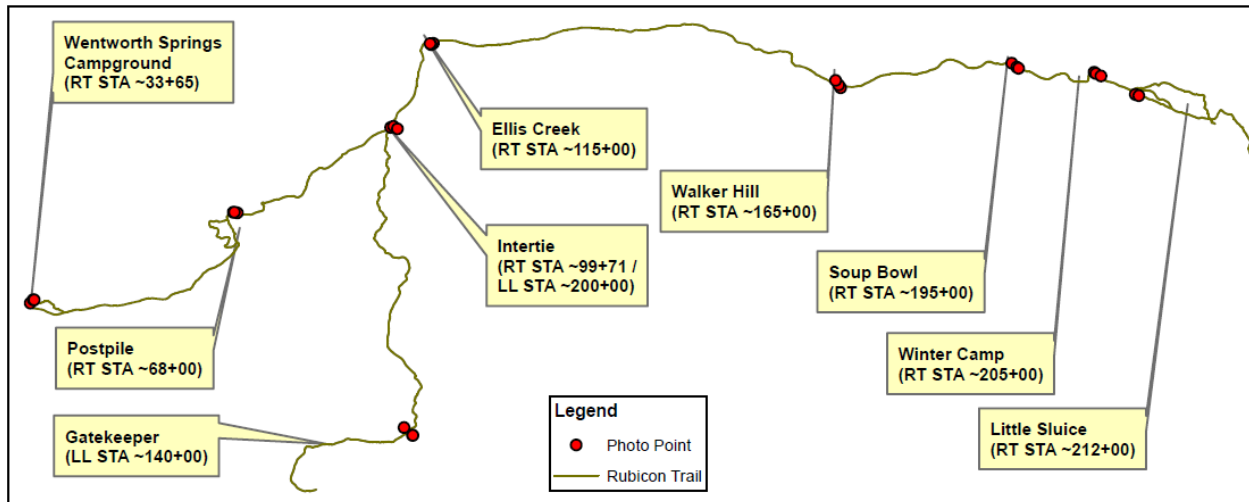
Gate Keeper / Ellis Creek Tie Intersection / Walker Hill / Soup Bowl / Winter Camp / Little Sluice Area

**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 seen on the trail over the course of the day. We observed vehicle tracks at Wentworth Springs Campground and Post Pile. The tracks were not from us and we assume not from property owners as the tracks stopped at Post Pile. The vehicle tracks observed from Ellis Creek Intertie to Little Sluice were from us and/or property owners. Most of the BMP's were covered in snow along with the trail. There were also spots along the Trail where the snow had melted and the Trail was exposed.

**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.

# Rubicon Trail Site Assessment March 13, 2013

## 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 water appeared to be moving towards the snow covered BMP.

# Rubicon Trail Site Assessment March 13, 2013



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.



Post Pile

RT Station 75+00

Water Depth: 0.5'

The Rock Ditch Crossing (RDX) was under the snow and could not be observed. Run off was seen flowing down the trail.

# Rubicon Trail Site Assessment March 13, 2013



Ellis Creek Intertie

RT Station 99+86.95

Water Depth: 0.2'

The Rock Lined Channel (RLC) was exposed through the snow, with run off moving in the RLC. The water was moving towards the Rock Energy Dissipater (RED) which was partially covered with snow.



Ellis Creek

RT Station 115+00

Water Depth: 0.7'

There was run off that was moving from the trail and into Ellis Creek.

# Rubicon Trail Site Assessment March 13, 2013



Walker Hill

RT Station 170+80

Water Depth: 0.2'

The Rock Slope Protection (RSP) was exposed in spots through the snow. There was run off that was flowing down the Trail.



Soup Bowl

RT Station 198+40.84

Water Depth: 0.5'

The Rock Ditch Crossing (RDX) was exposed through the snow with run off moving through it.

**Rubicon Trail Site Assessment  
March 13, 2013**



Winter Camp

RT Station 209+58.39

Water Depth: 0.9'

The Rock Fill (RF) was exposed through the snow. There was run off moving over the RF.



Little Sluice

RT 213+50.32

Water Depth: 0.3'

The Rock Fill (RF) was exposed in two spot through the snow. There was run off that was flowing over the RF.