

Rubicon Trail Site Assessment

February 5, 2013

Crew: Rick Hammonds, Byron Saylor

Weather Conditions: The weather conditions for the Rubicon Trail were overcast cool with snow all throughout the trail. The temperature on the trail was approximately 32(F) at 7:00 am and rose to 47(F) around 2:00 p.m. The summary of weather conditions up to this day are as followed:

2013		1-Feb	2-Feb	3-Feb	4-Feb	5-Feb	6-Feb	7-Feb
GT	Precip (in)	0.00	0.00	0.00	0.00	0.00	0.00	0.13
	Avg Temp (F)	54	53	51	52	46	43	37
SLT	Precip (in)	0	0	0	0	0	0	0.03
	Avg Temp (F)	33	33	35	35	38	31	30
R2	Snow Depth (in)	35	35	34	34	34	34	34
	Avg Temp (F)	38	39	38	37	40	37	33

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):

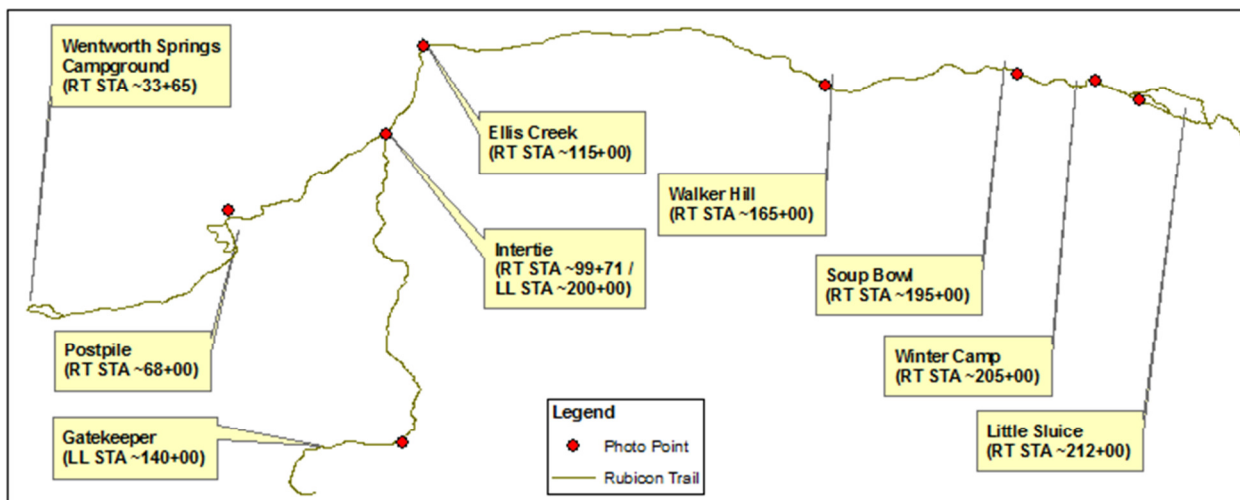
Wentworth Springs Campground / Post Pile Grade /

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 Little Sluice and then to Post Pile. From Post Pile we traveled back to Loon Lake via Gate Keeper. We did not visit Wentworth Springs Camp Ground 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: 0.3'

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.



Post Pile
 RT Station 75+00
 Water Depth: 0.1'

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 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: 0.8'

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: 0.2'

The Rock Slope Protection (RSP) was exposed in spots through the snow. There was 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: 0.4'

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: 0.6'

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.



Little Sluice
RT Station 213+50.32
Water Depth: 0.3'

The Rock Fill (RF) was 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.