

Rubicon Trail Site Assessment

March 19, 2014

Crew: Vickie Sanders, Byron Saylor & Vincent Pacific

Weather Conditions: The weather conditions for the Rubicon Trail were sunny and warm. The temperature on the trail was approximately 32(F) at 7:30 am and 48(F) around 12:00 p.m. The summary of weather conditions up to this day are as follows:

		2014				
		15-Mar	16-Mar	17-Mar	18-Mar	19-Mar
GT	Precip (in)	0.00	0.00	0.00	0.00	0.00
	Avg Temp (F)	60	62	51	52	56
SLT	Precip (in)	0	0	0	0	0
	Avg Temp (F)	43	46	43	36	40
R2	Snow Depth (in)	27	26	25	25	24
	Avg Temp (F)	44	35	29	32	38
LL	Precip (in)	0	0	0	0	0
	Low Temp(F)	40	37	34	31	32
	High Temp(F)	60	59	49	46	52
	Ave Temp(F)	49	49	41	38	41

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

Trail Sections (Areas in grey not observed):

Wentworth Springs Campground / Post Pile Grade /

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

Trail Conditions / Observations: We entered the Rubicon Trail from the Loon Lake entrance. We traveled from Loon Lake to Wentworth Springs Campground and then to Little Sluice. From Little Sluice we traveled back to Loon Lake via Gate Keeper. We did see a group of property owners on the trail going to their cabins. We observed vehicle tracks at some sites. Most of the BMP’s were not covered with snow along the Trail. The ones that were exposed were functioning as designed.

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. Though the goals are being met, observations at Winter Camp indicate that the three conditions identified in the Monitoring Protocol are also being met which requires a temporary closure of the Trail. The conditions identified at Winter Camp include: saturated soil conditions, water flowing at an amount capable of rinsing contaminants from vehicle components, and water flowing at an amount capable of transporting sediment.

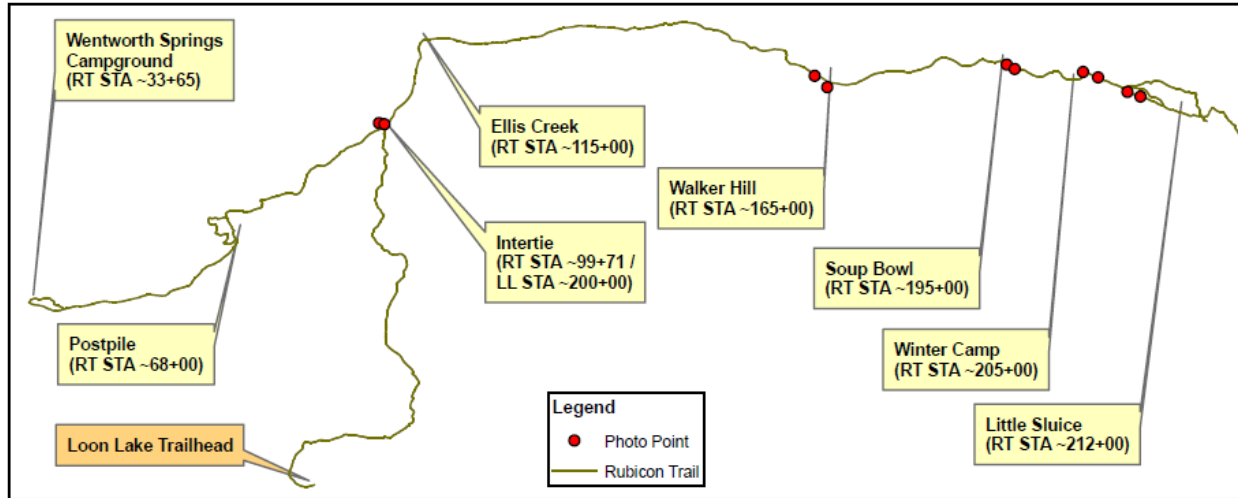
Report reviewed by U.S. Forest Service on 28 March, 2014.

Reviewers: Richard Thornburgh, District Ranger, and Eric Nicita, Soils Scientist

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Photo Monitoring:



Ellis Creek Intertie
RT Station 99+86.95

Water Depths: 0.0', 0.0', 0.0'
(Average: 0.00')

Notes: The Rock Lined Channel (RLC) and Rock Energy Dissipator (RED) were exposed and there was no run off at this spot.

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Walker Hill
RT Station 170+80

Water Depths: 0.05', 0.05', 0.05'
(Average: 0.05')

Notes: The Rock Slope Protection (RSP) was not fully exposed on both sides of the Trail. There was minimal snow melt run-off flowing down the hardened surface of the Trail, which discharges into a Rock Energy Dissipator.



Soup Bowl
RT Station 198+40.84

Water Depth: 0.2', 0.2', 0.3'
(Average: 0.27')

Notes: The Rock Ditch Crossing (RDX) was exposed through the snow with snow melt run-off flowing through it.

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Winter Camp
RT Station 209+58.39

Water Depth: 0.6', 0.7', 0.7'
(Average: 0.67')

The Rock Fill (RF) was fully exposed due to no snow in the trail. The run off was flowing over the RF.



Little Sluice
RT 213+50.32

Water Depth: 0.1', 0.1', 0.1'
(Average: 0.1')

The Rock Fill (RF) was exposed due to no snow on the trail. The run off was flowing over the RF.