Rubicon Trail Site Assessment
February 12, 2014

Crew: Rick Hammonds, Byron Saylor

Weather Conditions: The weather conditions for the Rubicon Trail were sunny and warm. The temperature on the trail was approximately 42(F) at 7:30 am and 50(F) around 12:30 p.m. The rain gauge at Loon Lake is not functioning at present time thus the totals are zero. The summary of weather conditions up to this day are as followed:

2014		8-Feb	9-Feb	10-Feb	11-Feb	12-Feb
GT	Precip (in)	5.36	4.47	0.81	0.00	**0.00**
	Avg Temp (F)	46	48	49	49	**50**
SLT	Precip (in)	1.97	1.96	0.27	0	**0**
	Avg Temp (F)	39	39	39	38	**48**
R2	Snow Depth (in)	22	24	25	27	**26**
	Avg Temp (F)	29	35	35	34	**35**
LL	Precip (in)	0	0	0	0	0
	Low Temp(F)	32	35	31	28	39
	High Temp(F)	37	38	46	49	50
	Ave Temp(F)	34	37	36	39	44

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. There were no vehicles seen on the Trail over the course of the day. We observed no vehicle tracks at all sites. Most of the BMP's were cover 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. Observed water levels were low enough to not pose a risk of washing contaminants from the under carriage of vehicles pursuant to the monitoring protocols.

Report reviewed by U.S. Forest Service on 14 February, 2014.

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

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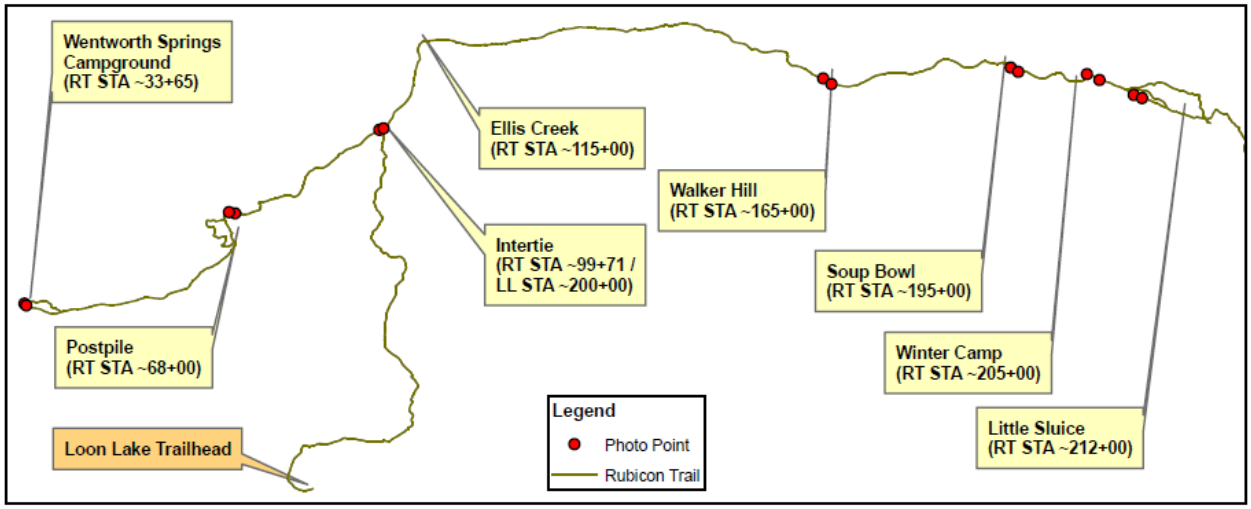
Photo Monitoring:



Wentworth Springs Campground
RT Station 33+65.67

Water Depths: 0.1', 0.2', 0.2'
(Average: 0.17')

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

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Post Pile
RT Station 75+00

Water Depths: 0.1', 0.2', 0.3'
(Average: 0.20')

Notes: The Rock Ditch Crossing (RDX) was observed and was functioning as designed. Snow melt run-off was observed flowing down the hardened surface of the Trail.


Ellis Creek Intertie
RT Station 99+86.95

Water Depths: 0.2', 0.2', 0.3'
(Average: 0.23')

Notes: The Rock Lined Channel (RLC) was exposed through the snow, with snow melt run-off flowing in the RLC. The water was properly draining towards the Rock Energy Dissipator (RED) which was not covered with snow and functioning as designed.

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Walker Hill
RT Station 170+80

Water Depths: 0.1', 0.2', 0.2'
(Average: 0.17')

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

The Rock Fill (RF) was not fully exposed through the snow. Where visible, the run off was flowing over the RF.

Little Sluice
RT 213+50.32

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

The Rock Fill (RF) was not fully exposed through the snow. Where visible, the run off was flowing over the RF.