

Rubicon Trail Site Assessment

December 18, 2014

Crew: Byron Saylor, Ryan Mac Leod

Weather Conditions: The weather conditions for the Rubicon Trail were cloudy and cool. The temperature on the trail was approximately 27(F) at 8:00 am and 34(F) around 4:00 p.m. The summary of weather conditions up to this day are as followed:

2014		14-Dec	15-Dec	16-Dec	17-Dec	18-Dec
SLT	Precip (in)	T	T	.04	T	0
	Avg Temp (F)	31	35	35	34	36
R2	Snow Depth (in)	10	9	10	11	11
	Avg Temp (F)	27	30	31	29	31
LL	Precip (in)	0	.28	.38	.29	.02
	Low Temp(F)	18	26	27	27	26
	High Temp(F)	35	30	34	30	38
	Ave Temp(F)	26	28	29	28	30

Reference Loon Lake Elevation: ~6,500 ft

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 Little Sluice and then to Wentworth Springs Campground. From Wentworth Springs Campground we traveled back to Loon Lake via Gate Keeper. There were no vehicles seen on the Trail over the course of the day. We did not see any vehicle track at any of the locations. The tracks that you see in the photos were created by Byron Saylor during the day of the assessment. Most of the BMP's were covered with snow along the Trail. The ones that were exposed were functioning as designed.

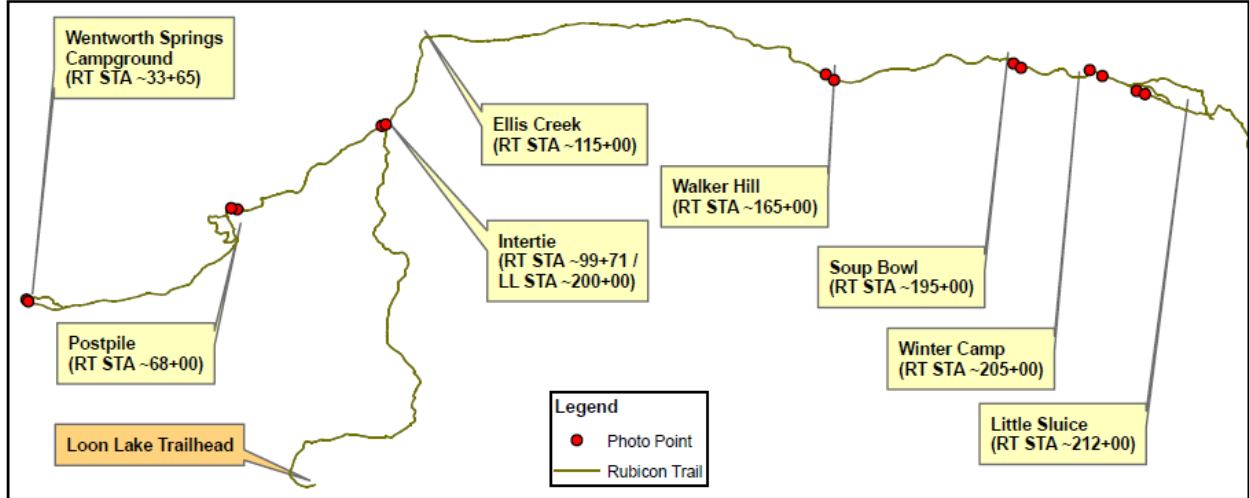
County Assessment: As of this site visit for the conditions observed, the County has determined that the goals of the Saturated Soil Water Quality Protection Plan (SSWQPP) are being met. Observed water levels were low enough to not pose a risk of washing contaminants from the under carriage of vehicles pursuant to the monitoring protocols.

Report reviewed by U.S. Forest Service on 19 December, 2014.

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

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Photo Monitoring:



Wentworth Springs Campground
RT Station 33+65

Water Depths: 0.1', 0.1', 0.2'

Notes: The Rock Ditch Crossing (RDX) was exposed with runoff observed.

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Post Pile
RT Station 75+00

Water Depths: 0.1', 0.3', 0.4'

Notes: The Rock Ditch Crossing (RDX) was observed and was functioning as designed. Runoff was observed flowing down the hardened surface of the Trail.



Ellis Creek Intertie
RT Station 99+86

Water Depths: 0.2', 0.2', 0.3'

Notes: The Rock Lined Channel (RLC) was exposed through the snow. There was runoff observed in the RLC. The Rock Energy Dissipator (RED) was visible and with water flowing in it.

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Walker Hill
RT Station 170+80

Water Depths: 0.1', 0.1', 0.1'

Notes: The Rock Slope Protection (RSP) was covered in snow. There was runoff observed flowing down the hardened surface of the Trail.



Soup Bowl
RT Station 198+40

Water Depth: 0.3', 0.4', 0.4'

Notes: The Rock Ditch Crossing (RDX) was exposed with runoff flowing through it.

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Winter Camp
RT Station 209+58

Water Depth: 0.4', 0.4', 0.6'

The Rock Fill (RF) was exposed with runoff observed flowing over the RF. The measurements at this location are below the .7' standard therefore Condition 2 is no longer met.



Little Sluce
RT 213+50

Water Depth: 0.2', 0.3', 0.3'

The Rock Fill (RF) was mostly covered with snow, with the runoff flowing over the RF that was exposed.