

# Rubicon Trail Site Assessment

## March 5<sup>th</sup>, 2015

**Crew:** Byron Saylor

**Weather Conditions:** The weather conditions for the Rubicon Trail were sunny, breezy and warm. The temperature on the trail was approximately 29(F) at 8:00 am and 50(F) around 2:00 p.m. The summary of weather conditions up to this day are as follows:

2015		1-Mar	2-Mar	3-Mar	4-Mar	5-Mar
<b>SLT</b>	Precip (in)	.07	.01	0	0	0
	Avg Temp (F)	30	28	31	32	37
<b>R2</b>	Snow Depth (in)	14.7	14.7	14.8	14.7	14.8
	Avg Temp (F)	27	27	27	29	36
<b>LL</b>	Precip (in)	.02	.08	0	.01	0
	Low Temp(F)	27	22	20	27	28
	High Temp(F)	33	34	39	48	51
	Ave Temp(F)	29	27	30	35	39

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](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 Wentworth Springs Campground. We traveled from Wentworth Springs Campground to Little Sluice and then back to Wentworth Springs Campground. There were vehicles seen on the Trail over the course of the day. We saw vehicle tracks at all of the locations. Some of the BMP's were covered with snow along the Trail. The ones that were exposed were functioning as designed.

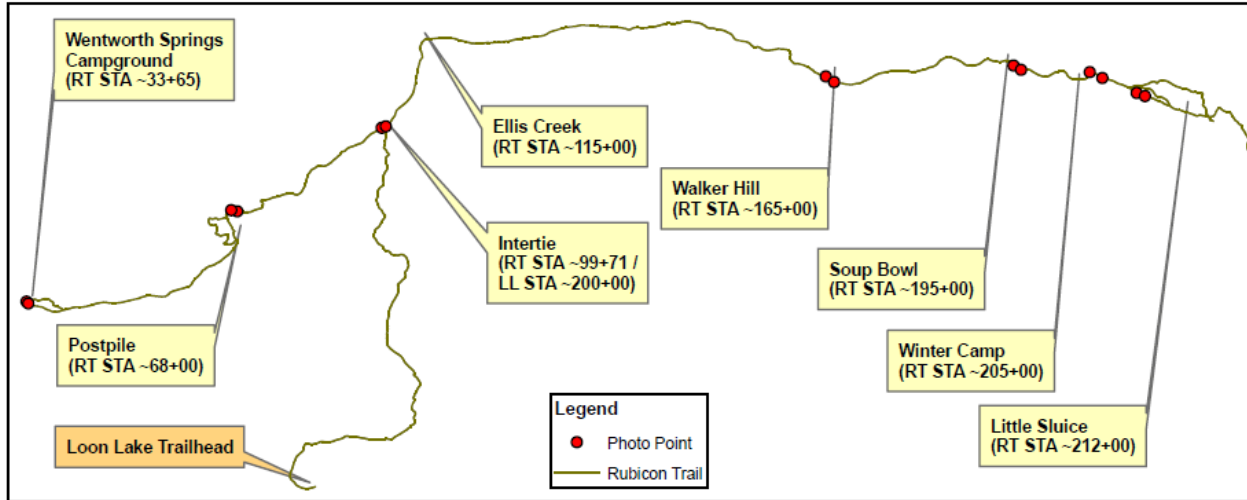
**County Assessment:** As of this site visit for the conditions observed, the County has determined that the goals of the Saturated Soil Water Quality Protection Plan (SSWQPP) are being met. Observed water levels were low enough to not pose a risk of washing contaminants from the under carriage of vehicles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

Report reviewed by U.S. Forest Service on March 9, 2015.

Reviewers: Richard Thornburgh, District Ranger, and Vince Pacific, Hydrologist

# Rubicon Trail Site Assessment March 5<sup>th</sup>, 2015

## Photo Monitoring:



Wentworth Springs Campground  
RT Station 33+65

Water Depths: 0.1', 0.1', 0.1'

Notes: The Rock Ditch Crossing (RDX) was partially exposed with runoff flowing over the harden surface of the Trail.

## Rubicon Trail Site Assessment March 5<sup>th</sup>, 2015



Post Pile  
RT Station 75+00

Water Depths: 0.3', 0.3', 0.3'

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', 0.3', 0.4'

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



## Rubicon Trail Site Assessment March 5<sup>th</sup>, 2015



Walker Hill  
RT Station 170+80

Water Depths: 0.1', 0.1', 0.1'

Notes: Most of the Rock Slope Protection (RSP) was covered in snow. Where exposed, runoff was observed flowing down the hardened surface of the Trail.



Soup Bowl  
RT Station 198+40

Water Depth: 0.1', 0.2', 0.2'

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



## Rubicon Trail Site Assessment March 5<sup>th</sup>, 2015



Winter Camp  
RT Station 209+58

Water Depth: 0.5', 0.5', 0.6'

The Rock Fill (RF) was exposed with runoff observed flowing over the RF. The measurements taken do not warrant a closure at this time.



Little Sluice  
RT 213+50

Water Depth: 0.2', 0.2', 0.2'

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