

Field Report: Spring Measurements for YRAA-August and September 2014.

Additional measurements were conducted on the springs near the log dump in Yakutat on August 12 and September 26, 2014. These were compared to measurements taken on Ophir Creek. Results are shown below:

Table . Discharge measurements at Sawmill Cove.

Location	Date			
	27-Apr-14	23-May-14	12-Aug-14	9/26/2014
	Discharge (ft ³ /s)	Discharge (ft ³ /s)	Discharge (ft ³ /s)	Discharge (ft ³ /s)
Spring A	0.24	0.16	0.22	0.64
Spring B	0.04	0.03	0.03	0.33
Spring C	0.48	0.54	0.44	0.98
Spring west	not measured	0.35	0.36	0.99
Total	0.76	1.08	1.05	2.94

	Springs	Springs A-C	Ophir Creek
4/27/2014	0.76	0.76	4.5
5/23/2014	1.08	0.73	3.1
8/12/2014	1.05	0.69	9.7
9/26/2014	2.94	1.95	25

I have continued to measure a spring west of the other three springs as it appears to be a significant water source relative to the other springs. The relationship between Ophir Creek discharge and the springs appears to be questionable but further measurements will be needed in order to develop a better relationship (if it exists) between the two streams. Spring flow in August remained low relative to Ophir Creek. Additional measurements will be collected at both sites in October and November and periodically throughout the winter.