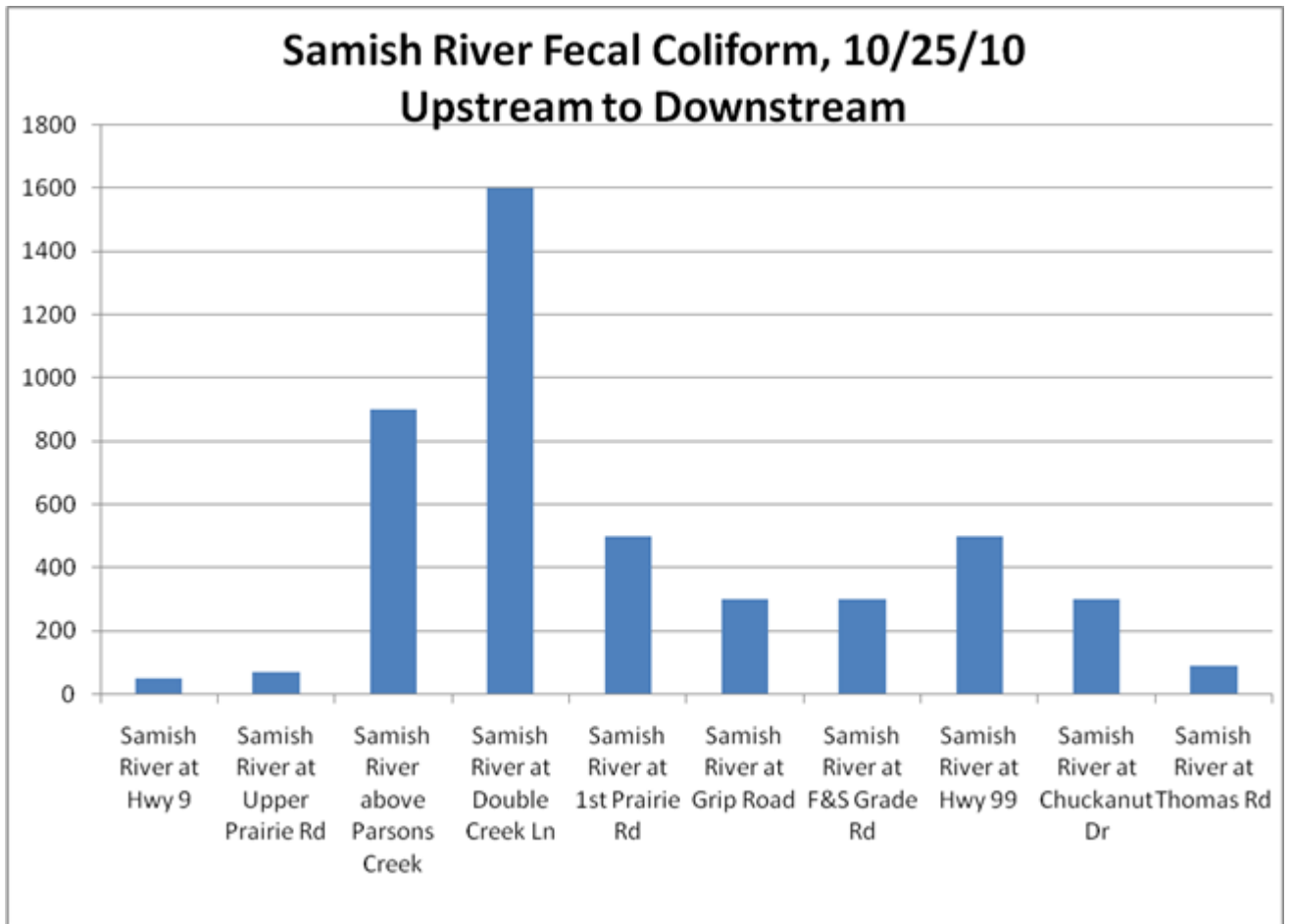


Below are fecal coliform sampling results for 10/25 (rain event sampling) and 10/26 (regular biweekly ambient sampling). These two sampling runs had different sample stations. An additional set of FC samples from selected locations was obtained yesterday (10/27) in conjunction with EPA Microbial Source Tracking samples. Results from this sampling will be reported later.

Monday, October 25:

Lowland rainfall preceding sampling was about 0.25", but volunteers higher up in the basin reported over an inch between Saturday and Monday morning. The river rose from about 130 cfs to near 300 cfs. Sampling took place late morning into the afternoon, comparatively early in the event as more rain fell during and after sampling.

Location	Site Number	Result	Duplicate
Samish River at Hwy 9	11	50	
Samish River at Upper Prairie Rd	SAM3PR	70	
Samish River above Parsons Creek	SAMPAR	900	
Parsons Creek at mouth	PAR	500	
Samish River at Double Creek Ln	SAMDCL	1600	
Samish River at 1st Prairie Rd	SAM1PR	500	
Samish River at Grip Road	SAMGRIP	300	
Swede Creek at Grip Rd	8	240	
Samish River at F&S Grade Rd	SAMFS	300	
Friday Creek at Prairie Rd	6	50	
Samish River at Hwy 99	SAMH99	500	
Samish River at Chuckanut Dr	SAMCHUCK	300	
Samish River at Thomas Rd	32	90	80



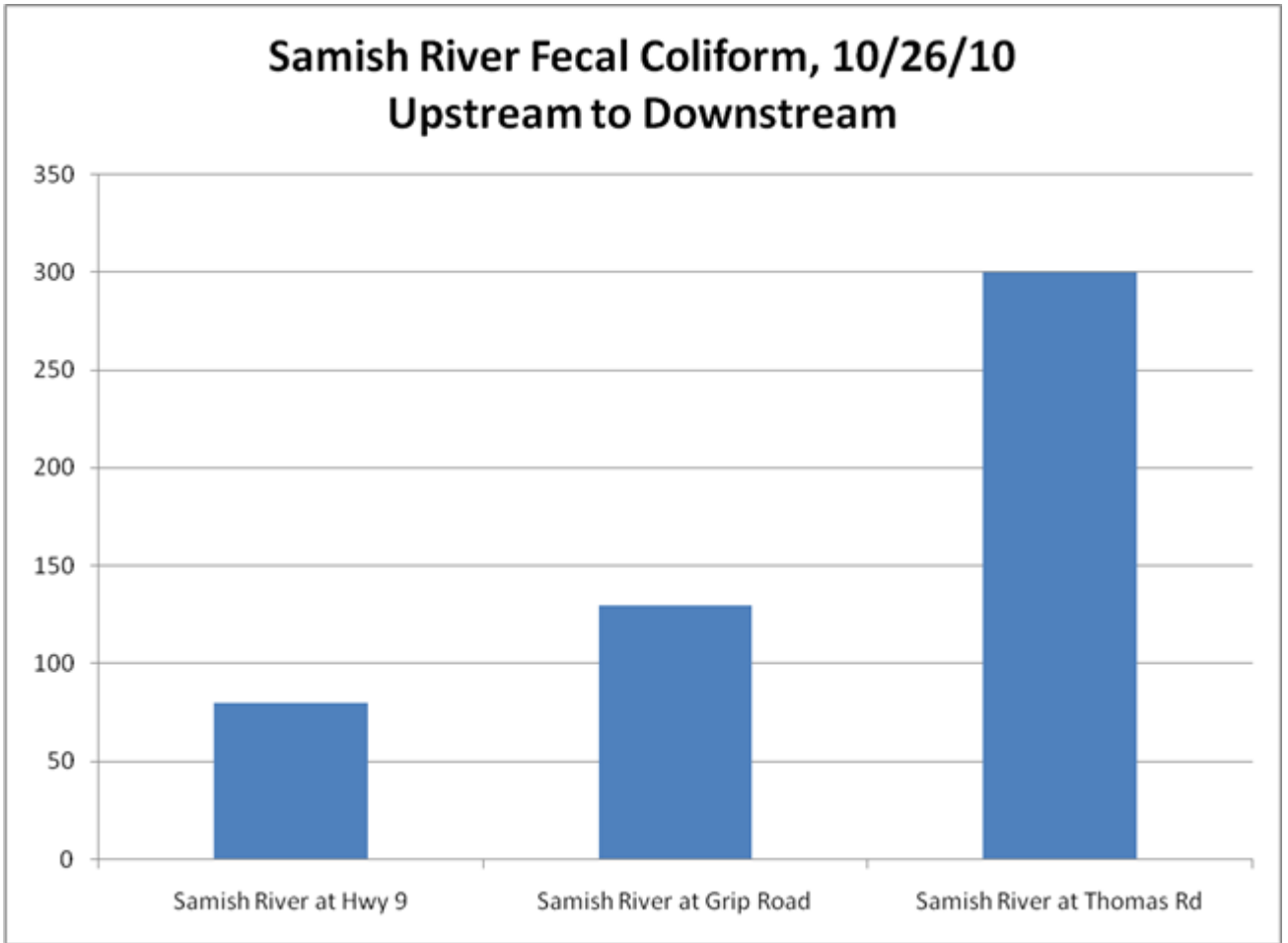
The 10/25 results show a sharp rise in FC counts between Parsons Creek and Double Creek Lane, with lower counts further downstream. I think that I got ahead of the FC pulse downstream from Double Creek Lane, and it looked like this as I was sampling in that the river was more turbid at Double Creek Lane than further downstream. If I had sampled into the evening, the numbers may have gone higher further downstream.

This event did not result in closure of the shellfish beds as neither the river rise or FC loading criteria were met.

Tuesday, 10/26

Sampling in the Samish Basin part of the regular biweekly ambient sampling took place in the late morning and early afternoon. The river was dropping from its overnight crest by the time sampling took place. Only three river stations were sampled during this trip.

	Site Number	Result	Duplicate
Samish River at Hwy 9	11	80	
Samish River at Grip Road	SAMGRIP	130	
Samish River at Thomas Rd	32	300	300
Swede Creek at Grip Rd	8	170	
Friday Creek at Prairie Rd	6	130	
Thomas Creek at F&S Grade Rd	4	1700	
Thomas Creek at Hwy 99	3	80	
Alice Bay Pump Station	33	50	
Edison Slough at School	36	130	
Edison Pump Station	37	110	
North Edison Pump Station	38	500	
Colony Creek at Colony Rd	39	240	80



The results from 10/26 showed moderately increasing FC counts from upstream to downstream. This could represent the river “clearing out” as the rainfall and overland flow ceased. Some of the tributaries had higher FC counts, including our frequent trouble spot on Thomas Creek.