

Hi everybody – we had a busy week last week and also some problems in the lab so I'm just now getting time to get the results out. The State Shellfish Office gets the info as soon as I can get it to them, unfortunately that sometimes means the rest of you have to wait.

We sampled the Samish River on Tuesday (9-28) for our normal ambient run (which turned out to be a storm sample as well) and on Thursday (9-30) for Microbial Source Tracking (aka DNA) samples. Also took samples at Thomas Road on Monday and Friday. Below are the results. All results are Fecal Coliform, colony-forming units per 100 mL.

Monday, September 27

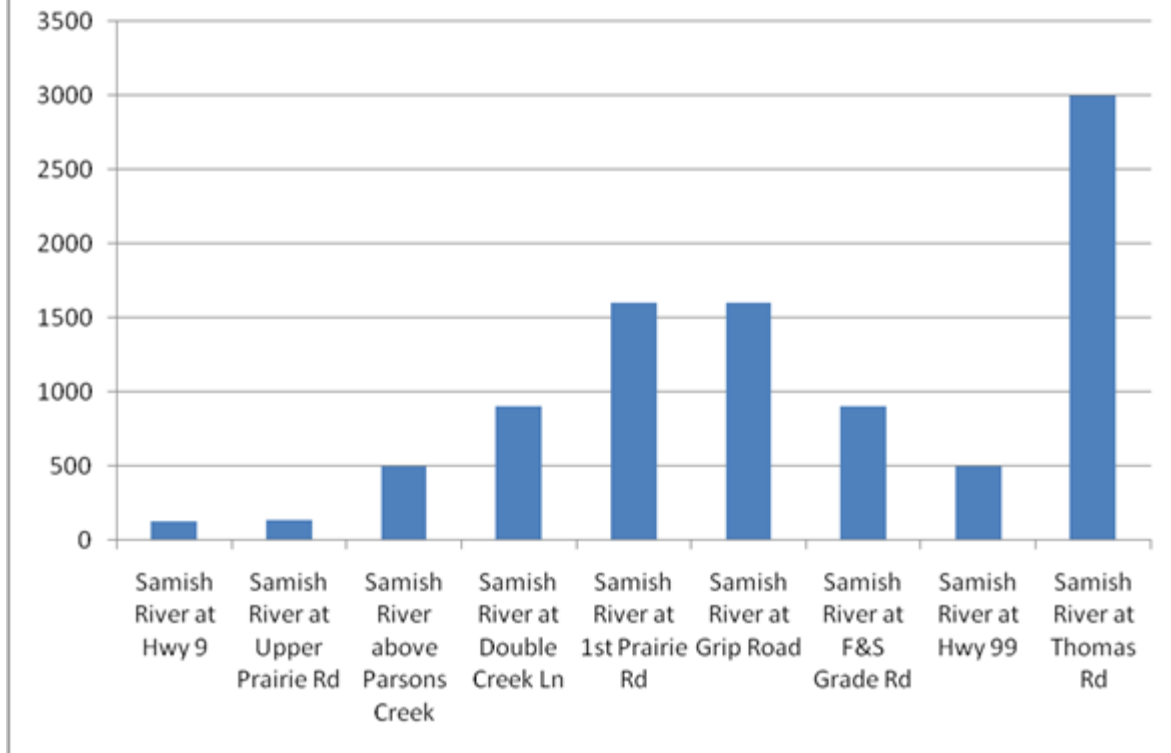
Location	Site Number	Result	Duplicate
Samish River at Thomas Rd	32	3500	600

High numbers associated with 0.44" of rain in the lowlands and a similar amount in the hills. River rose from about 90 to about 210 cfs overnight, was starting to wane by the time it was sampled at 0900 on Monday.

Tuesday, September 28:

Location	Site Number	Result	Duplicate
Samish River at Hwy 9	11	130	
Samish River at Upper Prairie Rd	SAM3PR	140	
Samish River above Parsons Creek	SAMPAR	500	
Parsons Creek at mouth	PAR	23	
Samish River at Double Creek Ln	SAMDCL	900	
Samish River at 1st Prairie Rd	SAM1PR	1600	
Samish River at Grip Road	SAMGRIP	1600	
Swede Creek at Grip Rd	8	500	
Samish River at F&S Grade Rd	SAMFS	900	
Friday Creek at Prairie Rd	6	1600	
Samish River at Hwy 99	SAMH99	500	
Samish River at Thomas Rd	32	3000	>1600
Thomas Creek at F&S Grade Rd	4	1600	
Thomas Creek at Hwy 99	3	23	170
Alice Bay Pump Station	33	50	
Edison Slough at School	36	1600	
Edison Pump Station (near bakery)	37	1600	
North Edison Pump Station	38	3000	
Colony Creek at Colony Rd	39	240	

Skagit County Sampling Results 9/28/10 Fecal coliform in Samish River

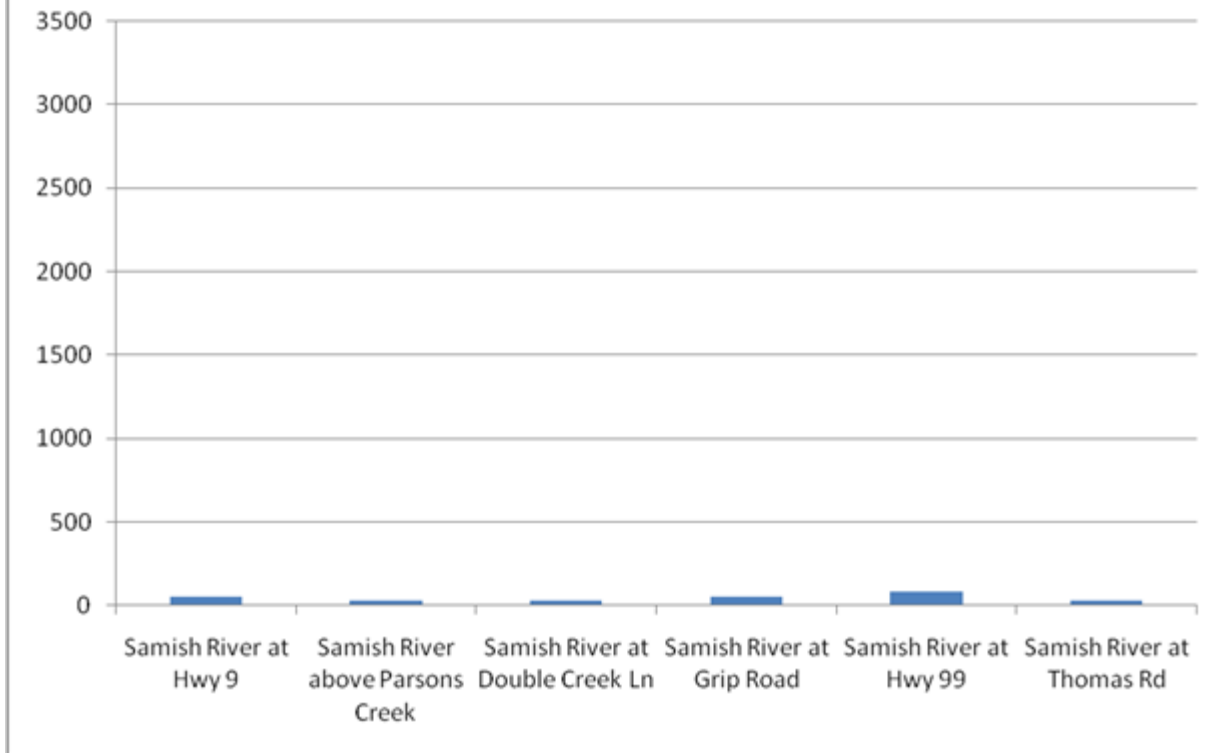


Tuesday's results show the normal increases in the upper river between Upper Prairie Rd and Grip Road, and then another large increase downstream at Thomas Road. There was approximately 0.25" of rain overnight in the lowlands, with up to 0.50" in the hills. The river rose from about 170 to 350 cfs during this event.

Thursday, September 30:

Location	Site Number	Result	Duplicate
Samish River at Hwy 9	11	50	
Samish River above Parsons Creek	SAMPAR	30	
Parsons Creek at mouth	PAR	23	
Samish River at Double Creek Ln	SAMDCL	30	
Samish River at Grip Road	SAMGRIP	50	
Swede Creek at Grip Rd	8	110	
Friday Creek at Prairie Rd	6	30	
Samish River at Hwy 99	SAMH99	80	
Samish River at Thomas Rd	32	30	110

Skagit County Sampling Results 9/30/10 Fecal coliform in Samish River



Thursday samples taken after 2.5 days of dry weather, river had receded from 350 cfs on Tuesday to an unknown level by Thursday (gauge problems). The river is currently (Monday afternoon 10-4) at 105 cfs with no additional precipitation, so we can guess that it was in the upper 100s on Thursday. Data is presented on a graph with the same scale as Tuesday's to highlight the reductions in fecal coliform counts with the absence of rainfall.

Friday, October 1:

Location	Site Number	Result	Duplicate
Samish River at Thomas Rd	32	130	50

Friday numbers continued to be relatively low in the absence of rainfall.