

5/1/2012 0.51" rain, river at 798 cfs and rising

Site Number	Site No.	Result	Duplicate	Samish River loading (trillions per day)
Samish River at Thomas Rd 0715	32	79	220	2.9

Early morning sample taken when precip appeared to be leveling off, later rendered moot by further river rise. Would have canceled closure.

5/1/2012 0.51" rain, river at 848 cfs and falling

Site Number	Site No.	Result	Duplicate	Samish River loading (trillions per day)
Samish River at Thomas Rd 1430	32	170	220	4.0

Later that same day – this sample also was less than the closure criteria. Resulted in cancelation of cfs closure

5/2/2012 0.23" rain, river at 704 cfs and falling

Site Number	Site No.	Result	Duplicate	Samish River loading (trillions per day)
Samish River at Thomas Rd 0830	32	240	540	7.0

Precautionary sample taken before 5/1 results were available. Surprisingly, this one exceeded closure criteria on the down side of the hydrograph, when samples taken during what would normally be the critical time did not exceed criteria. This set resulted in emergency closure of bay once results were available Thursday evening.

5/3/2012 0.29" rain, river at 510 cfs and steady

Site Number	Site No.	Result	Duplicate	Samish River loading (trillions per day)
Samish River at Thomas Rd 1535	32	33	17	0.3

Precautionary sample taken. Would have resulted in bay reopening except that additional river rise occurred Friday

which resulted in another cfs closure.

5/4/2012 0.46" rain, river at 636 cfs and cresting

Site Number	Site No.	Result	Duplicate	Samish River loading (trillions per day)
Bob Smith Creek near mouth	BSCreek	3500		
Bob Smith/Moody Ditch at Bow Hill Rd	BSUp	49		
Swede Cr at upper Grip Rd	SCGrip1	130		
Swede Cr at Hoogdal Branch Rd	SCHB	350		
Swede Cr at lower Grip Rd	8	130		
Samish River at Thomas Rd 1225	32	130	170	2.3

Samish River sample was plenty low enough to cancel the cfs closure. Other samples taken to try to locate pollution sources. It would seem that we have found one on Bob Smith Creek. That property is now "in the system" and we look forward to eliminating this pollution source.

If that's all too confusing, here's the short version:

May 1: CFS closure canceled by water quality results

May 2: Sample taken during declining hydrograph resulted in emergency closure on 5/3 when results became available.

May 3: Samples would have reopened bay except additional CFS closure occurred before results were available on May 4

May 4: Samples were low enough to cancel CFS closure.

Scorecard for this reporting period: Two CFS closures canceled by adequate water quality, one Emergency closure triggered by substandard water quality.