

Tabel C-1. Sample collection times and measured flow rates for storm event and baseflow sampling that was performed in the the Snohomish Watershed and Puyallup Watershed for the Phase 3 study of toxics in surface runoff to Puget Sound.

Watershed	Event Type	Monitoring Location	First Round of Sampling Date/Time	Second Round of Sampling Date/Time^a	First Round of Sampling Flow Rate (cfs)	Second Round of Sampling Flow Rate (cfs)^a
Snohomish	Storm Event - Fall First Flush	FB203	10/17/2009 9:20	10/17/2009 16:10	11.95	29.86
Snohomish	Storm Event - Fall First Flush	CB335	10/17/2009 11:15	--	45.18	--
Snohomish	Storm Event - Fall First Flush	FB200	10/17/2009 11:20	10/17/2009 17:50	1.83	1.10
Snohomish	Storm Event - Fall First Flush	CBX	10/17/2009 12:45	--	7.74	--
Snohomish	Storm Event - Fall First Flush	RB111	10/17/2009 12:50	10/17/2009 19:00	7.21	7.19
Snohomish	Storm Event - Fall First Flush	RB202	10/17/2009 14:30	10/17/2009 19:25	5.62	9.16
Snohomish	Storm Event - Fall First Flush	AG174	10/17/2009 15:00	10/17/2009 20:10	4.00	4.00
Snohomish	Storm Event - Fall First Flush	AGG	10/17/2009 16:15	--	1.02	--
Puyallup	Storm Event - Fall First Flush	CBB	10/26/2009 9:30	10/26/2009 15:00	14.34	19.98
Puyallup	Storm Event - Fall First Flush	AG62	10/26/2009 9:45	10/26/2009 15:00	0.44	0.67
Puyallup	Storm Event - Fall First Flush	FB130	10/26/2009 11:15	--	1.63	--
Puyallup	Storm Event - Fall First Flush	CBA	10/26/2009 11:25	--	43.03	--
Puyallup	Storm Event - Fall First Flush	AG143	10/26/2009 12:20	--	0.66	--
Puyallup	Storm Event - Fall First Flush	RB53	10/26/2009 12:45	--	4.00	--
Puyallup	Storm Event - Fall First Flush	FB372	10/26/2009 13:45	--	0.51	--
Puyallup	Storm Event - Fall First Flush	RB209	10/26/2009 14:00	--	2.02	--
Snohomish	Storm Event - Winter	AGG	11/5/2009 13:00	11/5/2009 21:30	0.45	0.74
Snohomish	Storm Event - Winter	FB203	11/5/2009 13:00	11/5/2009 18:45	25.67	30.76
Snohomish	Storm Event - Winter	FB200	11/5/2009 15:00	11/5/2009 20:10	1.93	1.93
Snohomish	Storm Event - Winter	CBX	11/5/2009 15:30	--	6.31	--
Snohomish	Storm Event - Winter	RB111	11/5/2009 16:05	--	2.82	--
Snohomish	Storm Event - Winter	CB335	11/5/2009 16:45	--	24.82	--
Snohomish	Storm Event - Winter	AG174	11/5/2009 17:15	11/5/2009 22:00	2.00	2.49
Snohomish	Storm Event - Winter	RB202	11/5/2009 20:00	--	6.23	--
Puyallup	Storm Event - Winter	CBB	11/16/2009 10:00	11/16/2009 15:30	1.71	3.02
Puyallup	Storm Event - Winter	AG62	11/16/2009 10:45	11/16/2009 16:00	1.65	3.21
Puyallup	Storm Event - Winter	CBA	11/16/2009 11:45	11/16/2009 16:55	1.95	15.94
Puyallup	Storm Event - Winter	FB130	11/16/2009 12:00	11/16/2009 17:05	1.16	1.19
Puyallup	Storm Event - Winter	RB53	11/16/2009 12:45	11/16/2009 18:00	1.37	1.79
Puyallup	Storm Event - Winter	AG143	11/16/2009 13:30	11/16/2009 18:15	0.42	2.18
Puyallup	Storm Event - Winter	RB209	11/16/2009 14:00	11/16/2009 19:15	2.05	1.63
Puyallup	Storm Event - Winter	FB372	11/16/2009 14:30	11/16/2009 19:20	2.34	2.53
Snohomish	Storm Event - Winter	FB203	11/19/2009 10:00	11/19/2009 16:30	101.86	141.37
Snohomish	Storm Event - Winter	RB202	11/19/2009 10:15	11/19/2009 16:00	26.34	30.65
Snohomish	Storm Event - Winter	CB335	11/19/2009 11:50	--	35.12	--
Snohomish	Storm Event - Winter	FB200	11/19/2009 11:55	--	5.67	--
Snohomish	Storm Event - Winter	CBX	11/19/2009 13:00	--	18.69	--
Snohomish	Storm Event - Winter	RB111	11/19/2009 13:25	11/19/2009 18:45	10.17	11.42
Snohomish	Storm Event - Winter	AG174	11/19/2009 14:55	--	7.17	--
Snohomish	Storm Event - Winter	AGG	11/19/2009 15:30	11/19/2009 19:00	6.72	12.30

Watershed	Event Type	Monitoring Location	First Round of Sampling Date/Time	Second Round of Sampling Date/Time^a	First Round of Sampling Flow Rate (cfs)	Second Round of Sampling Flow Rate (cfs)^a
Puyallup	Storm Event - Winter	FB130	12/14/2009 10:15	12/15/2009 3:30	0.37	0.50
Puyallup	Storm Event - Winter	RB209	12/14/2009 17:54	12/14/2009 23:25	2.56	2.89
Puyallup	Storm Event - Winter	FB372	12/14/2009 19:00	12/15/2009 1:30	0.53	1.44
Puyallup	Storm Event - Winter	RB53	12/14/2009 19:15	12/15/2009 0:20	0.42	0.99
Puyallup	Storm Event - Winter	AG143	12/14/2009 20:30	12/14/2009 2:45	0.18	0.45
Puyallup	Storm Event - Winter	CBA	12/14/2009 20:50	12/15/2009 1:30	5.40	11.11
Puyallup	Storm Event - Winter	CBB	12/14/2009 22:00	12/15/2009 2:20	0.06	2.70
Puyallup	Storm Event - Winter	AG62	12/14/2009 23:50	12/15/2009 4:45	2.38	1.67
Snohomish	Storm Event - Winter	CBX	1/4/2010 8:00	1/4/2010 14:00	9.62	4.85
Snohomish	Storm Event - Winter	AG174	1/4/2010 8:30	1/4/2010 14:00	1.66	3.43
Snohomish	Storm Event - Winter	CB335	1/4/2010 8:40	--	39.08	--
Snohomish	Storm Event - Winter	RB111	1/4/2010 9:35	1/4/2010 15:00	2.96	5.11
Snohomish	Storm Event - Winter	RB202	1/4/2010 10:30	--	16.78	--
Snohomish	Storm Event - Winter	FB200	1/4/2010 11:00	--	2.03	--
Snohomish	Storm Event - Winter	AGG	1/4/2010 12:00	1/4/2010 17:15	3.01	5.59
Snohomish	Storm Event - Winter	FB203	1/4/2010 12:40	1/4/2010 17:15	31.35	32.86
Puyallup	Storm Event - Winter	CBA	1/11/2010 8:00	1/11/2010 13:10	15.89	34.32
Puyallup	Storm Event - Winter	FB130	1/11/2010 8:45	1/11/2010 13:50	1.43	1.12
Puyallup	Storm Event - Winter	RB53	1/11/2010 9:30	1/11/2010 14:20	8.36	7.10
Puyallup	Storm Event - Winter	FB372	1/11/2010 10:15	1/11/2010 15:15	10.02	9.69
Puyallup	Storm Event - Winter	RB209	1/11/2010 10:40	--	6.12	--
Puyallup	Storm Event - Winter	AG143	1/11/2010 11:30	--	2.40	--
Puyallup	Storm Event - Winter	CBB	1/11/2010 11:50	--	21.14	--
Puyallup	Storm Event - Winter	AG62	1/11/2010 12:30	--	11.38	--
Snohomish	Storm Event - Spring	CBX	4/2/2010 9:05	--	12.34	--
Snohomish	Storm Event - Spring	RB111	4/2/2010 9:30	4/2/2010 14:30	3.18	5.91
Snohomish	Storm Event - Spring	AG174	4/2/2010 10:35	--	3.66	--
Snohomish	Storm Event - Spring	CB335	4/2/2010 11:00	--	17.10	--
Snohomish	Storm Event - Spring	FB203	4/2/2010 12:00	--	58.09	--
Snohomish	Storm Event - Spring	AGG	4/2/2010 13:30	4/2/2010 18:28	0.29	1.45
Snohomish	Storm Event - Spring	FB200	4/2/2010 13:30	--	2.78	--
Snohomish	Storm Event - Spring	RB202	4/2/2010 15:00	--	4.53	--
Snohomish	Storm Event - Spring	FB203	4/21/2010 10:00	4/21/2010 17:00	40.68	84.15
Snohomish	Storm Event - Spring	CB335	4/21/2010 10:40	--	11.08	--
Snohomish	Storm Event - Spring	CBX	4/21/2010 11:25	--	8.35	--
Snohomish	Storm Event - Spring	AG174	4/21/2010 11:40	--	2.81	--
Snohomish	Storm Event - Spring	RB202	4/21/2010 13:10	--	10.87	--
Snohomish	Storm Event - Spring	RB111	4/21/2010 13:15	--	17.62	--
Snohomish	Storm Event - Spring	FB200	4/21/2010 15:00	--	3.63	--
Snohomish	Storm Event - Spring	AGG	4/21/2010 15:31	--	7.63	--
Puyallup	Baseflow - Winter	CBB	5/13/2010 7:20	--	0.05	--
Puyallup	Baseflow - Winter	RB209	5/13/2010 8:50	--	1.78	--
Puyallup	Baseflow - Winter	RB53	5/13/2010 9:50	--	0.39	--
Puyallup	Baseflow - Winter	CBA	5/13/2010 10:50	--	2.49	--
Puyallup	Baseflow - Winter	AG62	5/13/2010 12:10	--	0.73	--
Puyallup	Baseflow - Winter	FB130	5/13/2010 14:15	--	0.95	--
Puyallup	Baseflow - Winter	AG143	5/13/2010 17:40	--	0.01	--
Puyallup	Baseflow - Winter	FB372	5/13/2010 18:45	--	1.30	--

Watershed	Event Type	Monitoring Location	First Round of Sampling Date/Time	Second Round of Sampling Date/Time^a	First Round of Sampling Flow Rate (cfs)	Second Round of Sampling Flow Rate (cfs)^a
Snohomish	Baseflow - Winter	CBX	5/14/2010 7:15	--	0.02	--
Snohomish	Baseflow - Winter	FB203	5/14/2010 7:45	--	17.50	--
Snohomish	Baseflow - Winter	CB335	5/14/2010 8:45	--	0.81	--
Snohomish	Baseflow - Winter	FB200	5/14/2010 9:30	--	0.60	--
Snohomish	Baseflow - Winter	AGG	5/14/2010 10:30	--	0.30	--
Snohomish	Baseflow - Winter	RB111	5/14/2010 11:00	--	1.41	--
Snohomish	Baseflow - Winter	AG174	5/14/2010 12:00	--	0.70	--
Snohomish	Baseflow - Winter	RB202	5/14/2010 12:00	--	1.46	--
Puyallup	Storm Event - Spring	AG62	5/19/2010 14:15	5/19/2010 20:00	0.91	1.26
Puyallup	Storm Event - Spring	CBB	5/19/2010 14:30	5/19/2010 19:20	0.87	3.44
Puyallup	Storm Event - Spring	CBA	5/19/2010 15:35	--	3.21	--
Puyallup	Storm Event - Spring	FB130	5/19/2010 15:45	5/19/2010 19:00	1.21	2.08
Puyallup	Storm Event - Spring	AG143	5/19/2010 16:00	5/19/2010 20:40	0.07	0.11
Puyallup	Storm Event - Spring	RB53	5/19/2010 16:40	--	0.72	--
Puyallup	Storm Event - Spring	FB372	5/19/2010 17:35	5/19/2010 21:30	1.34	2.30
Puyallup	Storm Event - Spring	RB209	5/19/2010 18:00	--	2.21	--
Puyallup	Storm Event - Spring	AG62	5/28/2010 9:30	5/28/2010 15:10	8.92	12.38
Puyallup	Storm Event - Spring	CBB	5/28/2010 9:30	5/28/2010 14:15	5.28	11.14
Puyallup	Storm Event - Spring	CBA	5/28/2010 10:45	5/28/2010 15:00	22.59	39.52
Puyallup	Storm Event - Spring	FB130	5/28/2010 10:50	--	3.16	--
Puyallup	Storm Event - Spring	RB53	5/28/2010 11:45	5/28/2010 15:45	2.57	4.48
Puyallup	Storm Event - Spring	AG143	5/28/2010 12:00	5/28/2010 16:30	7.59	8.70
Puyallup	Storm Event - Spring	FB372	5/28/2010 13:15	5/28/2010 17:30	24.92	41.75
Puyallup	Storm Event - Spring	RB209	5/28/2010 13:15	--	2.07	--
Snohomish	Baseflow - Summer	CB335	7/6/2010 7:00	--	0.78	--
Snohomish	Baseflow - Summer	CBX	7/6/2010 8:25	--	Monitoring Location Dry	--
Snohomish	Baseflow - Summer	AGG	7/6/2010 10:20	--	0.08	--
Snohomish	Baseflow - Summer	FB200	7/6/2010 11:20	--	0.48	--
Snohomish	Baseflow - Summer	RB111	7/6/2010 12:15	--	0.48	--
Snohomish	Baseflow - Summer	AG174	7/6/2010 13:30	--	0.30	--
Snohomish	Baseflow - Summer	FB203	7/6/2010 15:20	--	6.62	--
Snohomish	Baseflow - Summer	RB202	7/6/2010 17:20	--	0.25	--
Puyallup	Baseflow - Summer	CBB	7/7/2010 7:10	--	Monitoring Location Dry	--
Puyallup	Baseflow - Summer	AG62	7/7/2010 9:00	--	0.31	--
Puyallup	Baseflow - Summer	FB130	7/7/2010 10:45	--	0.63	--
Puyallup	Baseflow - Summer	AG143	7/7/2010 12:30	--	0.01	--
Puyallup	Baseflow - Summer	FB372	7/7/2010 14:15	--	0.50	--
Puyallup	Baseflow - Summer	CBA	7/7/2010 16:00	--	3.00	--
Puyallup	Baseflow - Summer	RB53	7/7/2010 17:30	--	0.09	--
Puyallup	Baseflow - Summer	RB209	7/7/2010 19:00	--	1.86	--

^a A second round of sampling not performed during storm events if the rain stopped or the stream water level began to drop before the second grab sample could be collected. A second round of sampling was never performed during baseflow sampling.
cfs = cubic feet per second

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