

Table N-1. Absolute and unit area toxic chemical loading estimates for ammonia for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (kg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 3.20	U	6	3.93	12.6	24.4	38.5	41.7	
CBX	1					< 0.975	U	6	3.85	3.85	13.1	17.7	17.7	
RB111	2					< 1.62	U	6	1.98	3.97	5.95	7.94	39.3	
RB202	2					< 6.49	U	6	3.16	3.16	3.16	3.16	17.1	E
AG174	2	5.76		6.08		6.40		6	4.97	8.84	9.39	11.0	15.7	
AGG	2	1.49		1.58		1.58		6	10.2	11.6	15.4	19.3	20.0	
FB200	2	2.23		8.03		13.8	E	6					< 4.24	U
FB203	2					< 8.55	U	6					< 7.55	U
All Snohomish CB Locations	3					< 2.07	U	12	3.89	7.00	17.1	24.1	41.2	
All Snohomish RB Locations	4					< 3.45	U	12	2.43	2.43	3.40	8.73	48.0	E
All Snohomish AG Locations	4	3.63	3.84	3.84	4.05	4.27		12	5.58	9.93	11.8	15.8	17.7	
All Snohomish FB Locations	4	4.08	4.08	4.08	14.7	25.3	E	12					< 7.23	U
All Snohomish Locations	15	2.72	2.72	2.72	9.78	16.8	E	48	3.06	3.06	9.18	19.6	60.6	
Puyallup Watershed														
CBA	2	3.50		8.44		13.2		6	11.9	13.6	19.5	29.3	104	
CBB	1			1.45				6	1.55	5.28	6.52	7.14	71.1	
RB53	2	2.13		2.83		3.66		6	0.576	1.38	2.19	2.42	24.2	
RB209	2					< 1.57	U	6	0.802	0.802	0.802	4.17	5.93	E
AG143	2	3.62		6.98		10.3		6	9.87	33.9	46.7	123	156	
AG62	2	1.03		2.89		4.96	E	6	10.2	10.7	18.5	25.7	131	
FB130	2	3.43		6.17		8.91	E	6	2.46	2.46	7.88	10.8	22.7	
FB372	2					< 1.85	U	6	1.69	1.69	1.69	1.69	5.75	E
All Puyallup CB Locations	3	2.41	2.98	4.54	7.94	9.07		12	2.25	9.45	10.8	21.1	103	
All Puyallup RB Locations	4	0.705	0.705	1.55	3.39	4.37	E	12	0.710	0.710	2.13	3.27	29.8	
All Puyallup AG Locations	4	0.885	2.48	4.60	9.92	14.7		12	9.01	12.4	33.5	90.1	203	
All Puyallup FB Locations	4	1.25	1.25	1.25	2.26	3.26	E	12	1.79	1.79	1.79	6.45	16.5	E
All Puyallup Locations	15	0.842	0.842	2.86	5.22	14.0		48	1.68	1.68	7.07	15.5	159	
All Monitoring Locations Combined														
All CB Locations	6	0.802	0.802	1.76	5.13	10.3	E	24	2.71	8.69	12.5	19.5	124	
All RB Locations	8	1.20	1.20	1.20	2.65	7.47	E	24	1.55	1.55	3.41	6.52	65.2	
All AG Locations	8	0.983	3.54	3.74	5.11	16.3		24	6.57	11.3	16.1	29.2	173	
All FB Locations	8	3.37	3.37	3.37	6.07	20.9	E	24	3.16	3.16	3.16	3.16	29.1	E
All Locations	30	1.86	1.86	1.86	7.45	30.9	E	96	2.43	2.43	10.2	17.5	230	

kg/year = kilograms per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-2. Absolute and unit area toxic chemical loading estimates for dissolved organic carbon for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (kg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2	480		609		705		6	1020	1490	1730	2120	2910	
CBX	1			429				6	2310	2620	3310	3460	3850	
RB111	2	873		921		953		6	2140	2260	3140	3180	3220	
RB202	2	1950		1950		1950		6	3410	3410	4050	4300	4800	
AG174	2	1820		2110		2400		6	2710	2790	3070	3450	3920	
AGG	2	683		754		815		6	3050	3050	3120	3780	4380	
FB200	2	1030		1200		1340		6	934	976	1150	1230	1870	
FB203	2	1450		1540		1620		6	1660	1660	2040	2570	3170	
All Snohomish CB Locations	3	311	353	456	788	913		12	1010	1710	2490	3340	3890	
All Snohomish RB Locations	4	1030	1030	1450	1960	2030		12	2620	2720	3300	3830	3930	
All Snohomish AG Locations	4	1220	1410	1640	1830	1980		12	2700	2760	3230	3750	4410	
All Snohomish FB Locations	4	1390	1470	1710	2200	2450		12	1590	1590	1950	2310	3180	
All Snohomish Locations	15	815	1190	1630	3150	5050		48	796	1710	3180	5140	8690	
Puyallup Watershed														
CBA	2	2200		2290		2370		6	1470	2010	2770	3470	5370	
CBB	1			236				6	621	1150	1300	1370	1920	
RB53	2	283		331		366		6	715	726	772	1160	1190	
RB209	2	157		157		173		6	305	305	401	481	497	
AG143	2	2480		2870		3250		6	6020	6150	6410	7100	8060	
AG62	2	1470		1630		1820		6	4420	4860	5200	5780	7140	
FB130	2	1510		1850		2190		6	641	887	1080	1180	1280	
FB372	2	628		905		1180		6	1320	2100	3650	4940	5310	
All Puyallup CB Locations	3	737	936	1520	1600	1630		12	900	1660	1980	2700	4450	
All Puyallup RB Locations	4	141	141	254	395	437		12	270	355	653	951	1460	
All Puyallup AG Locations	4	1260	1400	2550	4070	4620		12	3910	4590	7080	8370	10500	
All Puyallup FB Locations	4	552	677	828	1230	1610		12	466	789	1150	3870	5630	
All Puyallup Locations	15	168	438	875	1720	4390		48	437	942	2090	3630	8240	
All Monitoring Locations Combined														
All CB Locations	6	241	353	770	1720	1840		24	706	1470	2120	2390	5380	
All RB Locations	8	241	433	722	1010	1420		24	590	1300	1920	2390	3200	
All AG Locations	8	1120	1440	1630	2870	5130		24	3180	3610	4160	6020	8940	
All FB Locations	8	1150	1350	1820	2230	4320		24	822	1390	1710	2720	9920	
All Locations	30	372	857	1450	2790	9720		96	633	1360	2720	4820	11900	

kg/year = kilograms per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-3. Absolute and unit area toxic chemical loading estimates for hardness as CaCO3 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (kg/km2/year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2	30700		33400		36200		6	8330	11600	14500	16100	34000	
CBX	1			7460				6	15600	20100	24800	27600	37600	
RB111	2	8650		9620		10600		6	17600	18300	18800	19600	24300	
RB202	2	27000		30200		33500		6	18600	19300	21600	22500	27700	
AG174	2	19700		21200		22800		6	15000	15400	16200	17000	19600	
AGG	2	5790		5930		6060		6	12600	13100	17000	22000	25100	
FB200	2	4440		5570		6690		6	3790	3820	4190	4410	8020	
FB203	2	16300		17900		19600		6	11800	13400	13600	14400	20600	
All Snohomish CB Locations	3	15900	16900	19900	22500	23400		12	8240	14400	18100	27500	38000	
All Snohomish RB Locations	4	14300	16100	18100	20500	22600		12	14300	16600	21400	22900	29700	
All Snohomish AG Locations	4	13100	13600	14400	15000	15200		12	11200	14800	17600	19300	22200	
All Snohomish FB Locations	4	8120	10200	13900	17100	18700		12	6460	7140	12000	13400	19700	
All Snohomish Locations	15	5410	15000	33400	38400	61400		48	5470	11400	21100	29600	43900	
Puyallup Watershed														
CBA	2	15800		15800		15800		6	4670	10600	17700	21800	27800	
CBB	1			1130				6	2230	4100	4940	7450	7920	
RB53	2	8410		10100		11700		6	3610	4350	4670	7110	7770	
RB209	2	14600		15100		15500		6	8820	13700	14300	14700	15200	
AG143	2	8270		8770		9280		6	17000	22000	23500	41400	46000	
AG62	2	10700		12100		13600		6	17300	20600	23000	23100	24700	
FB130	2	15100		15300		15500		6	10800	11500	12700	14500	15200	
FB372	2	6080		7420		8760		6	6690	7710	9700	12300	13800	
All Puyallup CB Locations	3	3520	5360	10900	10900	10900		12	3230	5980	9810	14700	23100	
All Puyallup RB Locations	4	10000	11600	13500	14000	14000		12	4440	5760	9170	12600	13500	
All Puyallup AG Locations	4	9160	10400	11700	12500	13200		12	15300	20300	22000	30700	60100	
All Puyallup FB Locations	4	5540	5610	6960	10100	11900		12	7100	8260	9910	11000	14600	
All Puyallup Locations	15	3720	6150	11200	12900	16700		48	2410	8330	13100	19600	47100	
All Monitoring Locations Combined														
All CB Locations	6	3980	12300	12300	15400	18100		24	3890	8900	12100	19200	27900	
All RB Locations	8	10000	12700	16500	23100	23900		24	9150	11400	14400	20000	29400	
All AG Locations	8	10200	12500	13000	13800	14600		24	13000	17300	20300	24600	51100	
All FB Locations	8	6720	11500	15100	18800	32000		24	5640	10500	13200	17500	25700	
All Locations	30	3710	12300	24500	28500	42100		96	3490	10300	17500	25100	68100	

kg/year = kilograms per year

n: water quality sample size

Non-detect frequency flag

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U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-4. Absolute and unit area toxic chemical loading estimates for nitrate-nitrite as N for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (kg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2	287		293		299		6	82.5	91.9	124	162	238	
CBX	1			2.54				6	109	167	212	263	281	
RB111	2	114		125		136		6	168	206	407	528	556	
RB202	2	746		828		909		6	522	550	592	746	872	
AG174	2	112		131		150		6	228	285	329	508	660	
AGG	2	10.5		16.9		23.4		6	66.9	85.5	114	145	348	
FB200	2	8.03		26.8		46.0		6	16.6	19.9	77.7	89.1	484	
FB203	2	64.9		86.3		107		6	132	177	199	220	235	
All Snohomish CB Locations	3	5.39	50.6	186	192	194		12	81.7	110	164	233	284	
All Snohomish RB Locations	4	244	267	343	439	482		12	206	407	455	614	679	
All Snohomish AG Locations	4	25.6	41.2	65.7	87.5	100		12	59.3	101	282	369	741	
All Snohomish FB Locations	4	14.7	38.3	72.6	93.0	102		12	28.2	119	161	207	824	
All Snohomish Locations	15	9.78	58.1	190	480	760		48	23.9	129	200	607	1460	
Puyallup Watershed														
CBA	2	41.6		47.3		53.1		6	38.5	66.2	107	191	242	
CBB	1			1.95				6	13.7	23.3	29.5	53.1	57.7	
RB53	2	98.6		103		107		6	27.7	37.1	67.9	110	115	
RB209	2	656		732		809		6	324	383	561	598	624	
AG143	2	5.61		9.48		13.3		6	19.7	254	2410	5590	7240	
AG62	2	34.3		57.4		80.6		6	144	146	867	1260	1710	
FB130	2	27.4		34.3		41.1		6	13.3	25.1	41.4	63.1	109	
FB372	2	94.1		142		190		6	87.2	101	181	358	375	
All Puyallup CB Locations	3	6.10	11.8	28.6	34.6	36.6		12	19.8	36.4	59.8	98.1	200	
All Puyallup RB Locations	4	118	123	359	659	728		12	34.1	83.6	214	497	552	
All Puyallup AG Locations	4	7.97	13.5	24.3	49.2	69.1		12	25.7	230	1110	3140	9440	
All Puyallup FB Locations	4	10.0	12.5	71.5	193	258		12	9.68	30.1	85.7	191	398	
All Puyallup Locations	15	6.73	12.1	43.4	149	869		48	9.08	45.8	130	742	7400	
All Monitoring Locations Combined														
All CB Locations	6	4.17	6.90	36.9	144	150		24	23.9	60.3	94.5	149	242	
All RB Locations	8	171	202	247	672	1240		24	74.5	230	308	531	1210	
All AG Locations	8	8.85	22.2	42.5	72.8	92.4		24	21.9	119	374	940	8030	
All FB Locations	8	12.1	33.7	60.1	214	695		24	17.1	75.9	144	193	721	
All Locations	30	6.70	38.4	115	334	1920		96	13.1	92.0	168	513	10700	

kg/year = kilograms per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-5. Absolute and unit area toxic chemical loading estimates for ortho-phosphate for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (kg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2	23.2		23.9		24.6		6	8.33	8.80	9.82	11.1	16.8	
CBX	1			0.692				6	5.31	6.16	6.62	7.55	11.1	
RB111	2	1.71		2.05		2.41		6	3.93	4.13	5.76	9.09	23.5	
RB202	2	10.0		11.4		12.8		6	6.70	6.76	7.71	8.15	15.7	
AG174	2	4.67		4.90		5.12		6	4.89	5.03	5.88	7.29	9.64	
AGG	2	2.69		2.71		2.73		6	6.45	11.5	20.1	26.5	34.8	
FB200	2					< 1.34	U	6	0.637	0.637	0.637	0.637	3.23	E
FB203	2					< 2.56	U	6	1.13	1.13	1.13	2.41	3.17	E
All Snohomish CB Locations	3	1.47	4.85	15.0	15.7	16.0		12	5.37	6.69	8.48	10.7	16.6	
All Snohomish RB Locations	4	3.65	4.38	5.20	6.03	6.79		12	4.80	5.14	6.11	9.27	28.8	
All Snohomish AG Locations	4	3.11	3.26	4.99	6.59	6.66		12	5.49	5.77	9.21	17.8	30.8	
All Snohomish FB Locations	4					< 2.45	U	12	1.08	1.08	1.08	1.66	5.50	E
All Snohomish Locations	15	0.815	1.57	8.09	15.2	41.8		48	0.918	4.41	7.28	12.3	60.8	
Puyallup Watershed														
CBA	2	3.64		4.16		4.67		6	4.23	5.10	5.26	7.06	7.60	
CBB	1			0.259				6	1.77	1.80	2.08	5.22	8.13	
RB53	2	13.0		24.0		35.0		6	5.21	5.46	7.78	23.5	23.7	
RB209	2	4.13		4.61		5.08		6	3.80	4.62	4.84	5.08	5.72	
AG143	2	3.35		5.09		6.83		6	14.4	19.5	29.4	95.7	129	
AG62	2	29.3		33.6		37.8		6	77.2	82.6	166	245	257	
FB130	2	3.56		5.21		6.79		6	2.71	2.81	3.25	4.29	4.29	
FB372	2	3.23		4.08		4.95		6	5.10	6.05	6.79	8.18	8.35	
All Puyallup CB Locations	3	0.808	1.23	2.51	3.03	3.22		12	2.56	3.01	4.23	6.07	11.8	
All Puyallup RB Locations	4	3.71	4.15	10.0	28.6	41.8		12	3.37	4.29	5.74	9.59	29.3	
All Puyallup AG Locations	4	4.76	7.23	17.4	28.8	32.4		12	18.8	38.4	83.5	184	227	
All Puyallup FB Locations	4	1.30	1.91	3.44	5.54	6.72		12	1.97	2.37	4.27	7.21	8.85	
All Puyallup Locations	15	0.875	2.95	4.51	16.2	49.8		48	1.85	3.16	8.58	24.0	178	
All Monitoring Locations Combined														
All CB Locations	6	0.914	1.14	3.24	11.6	12.3		24	3.09	4.29	5.38	7.44	14.2	
All RB Locations	8	2.55	3.64	5.54	17.1	71.3		24	3.07	3.91	8.35	14.4	63.9	
All AG Locations	8	2.87	4.23	6.08	19.3	36.0		24	6.46	10.8	21.9	71.0	193	
All FB Locations	8	1.01	1.01	2.23	9.24	18.1	E	24	0.948	0.948	3.54	7.52	15.6	
All Locations	30	0.559	3.69	6.97	12.1	110		96	0.730	4.09	7.40	17.2	258	

kg/year = kilograms per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-6. Absolute and unit area toxic chemical loading estimates for total organic carbon for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (kg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2	480		545		609		6	1340	1810	1890	2360	3770	
CBX	1			439				6	2620	3310	3850	4080	4080	
RB111	2	889		937		970		6	2100	2300	3100	3690	3770	
RB202	2	1880		2080		2210		6	3100	3410	3980	4680	6000	
AG174	2	1860		2140		2430		6	2620	2620	3090	3560	3920	
AGG	2	736		789		841		6	3010	3080	3120	3820	6590	
FB200	2	982		1200		1380		6	849	976	1190	1700	2720	
FB203	2	1370		1450		1540		6	1660	1660	2260	3920	4000	
All Snohomish CB Locations	3	311	332	394	788	933		12	1320	1870	3030	3890	4120	
All Snohomish RB Locations	4	999	1100	1520	2000	2070		12	2380	2720	3490	4170	4610	
All Snohomish AG Locations	4	1240	1430	1710	1920	2050		12	2670	2760	3130	3850	5830	
All Snohomish FB Locations	4	1310	1390	1630	2200	2530		12	1450	1590	2170	3330	4630	
All Snohomish Locations	15	815	1090	1850	3260	5210		48	1040	1960	3240	5450	11500	
Puyallup Watershed														
CBA	2	2180		2290		2410		6	1900	2660	3690	3960	5700	
CBB	1			250				6	621	1490	1610	2170	5650	
RB53	2	260		319		378		6	669	807	876	1230	2220	
RB209	2	78.4		125		157	E	6	289	417	449	577	2500	
AG143	2	2470		2780		3090		6	5790	6350	6410	7470	8060	
AG62	2	1590		1690		1800		6	4710	4710	5440	6510	7920	
FB130	2	1510		1850		2120		6	936	936	1430	2170	3050	
FB372	2	610		868		1110		6	1890	3280	3720	5000	5440	
All Puyallup CB Locations	3	780	964	1500	1620	1660		12	900	2200	2740	3240	8190	
All Puyallup RB Locations	4	70.5	113	226	381	451		12	256	398	909	1330	2740	
All Puyallup AG Locations	4	1360	1450	2510	3950	4390		12	4160	4810	7300	8370	10500	
All Puyallup FB Locations	4	552	677	803	1180	1510		12	681	1040	2110	3940	5770	
All Puyallup Locations	15	84.2	404	926	1700	4170		48	606	1550	2420	4740	8240	
All Monitoring Locations Combined														
All CB Locations	6	241	305	802	1700	1880		24	923	1740	2660	3310	9880	
All RB Locations	8	120	385	747	1060	1440		24	558	1580	2170	2730	5990	
All AG Locations	8	1140	1490	1670	2890	4880		24	3140	3500	4230	6640	8940	
All FB Locations	8	1080	1350	1820	2160	4050		24	1200	1520	2340	3980	10200	
All Locations	30	186	819	1490	2870	9240		96	827	1700	3210	5110	11900	

kg/year = kilograms per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-7. Absolute and unit area toxic chemical loading estimates for total persulfate nitrogen for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (kg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2	287		288		290		6	163	174	207	281	354	
CBX	1			17.4				6	256	296	312	370	449	
RB111	2	153		161		170		6	260	366	480	667	683	
RB202	2	824		870		915		6	599	645	727	885	1160	
AG174	2	189		216		244		6	359	381	601	823	931	
AGG	2	64.5		68.3		72.0		6	267	297	325	382	645	
FB200	2	47.7		73.6		99.5		6	48.8	60.3	107	125	590	
FB203	2	108		121		134		6	174	202	252	280	321	
All Snohomish CB Locations	3	36.9	74.2	186	187	188		12	162	205	289	334	453	
All Snohomish RB Locations	4	327	344	400	462	486		12	318	475	558	750	888	
All Snohomish AG Locations	4	126	141	160	169	175		12	236	288	416	686	1050	
All Snohomish FB Locations	4	87.3	95.0	115	155	182		12	83.2	163	208	260	1010	
All Snohomish Locations	15	58.1	103	414	509	766		48	70.4	200	434	820	2060	
Puyallup Watershed														
CBA	2	134		138		142		6	97.2	208	277	373	424	
CBB	1			14.4				6	56.2	72.0	98.6	119	178	
RB53	2	115		119		124		6	66.0	72.0	113	148	194	
RB209	2	648		668		689		6	319	479	501	582	608	
AG143	2	182		211		241		6	582	1000	2970	6380	7860	
AG62	2	169		173		177		6	505	782	1130	1910	2050	
FB130	2	79.5		93.2		107		6	53.2	58.1	91.6	118	154	
FB372	2	122		161		200		6	166	181	233	426	443	
All Puyallup CB Locations	3	44.9	56.9	92.6	96.4	97.7		12	80.5	117	173	246	351	
All Puyallup RB Locations	4	137	143	365	601	619		12	81.4	139	261	444	538	
All Puyallup AG Locations	4	145	148	205	300	342		12	446	736	1500	3880	10300	
All Puyallup FB Locations	4	29.1	34.1	102	218	271		12	38.7	66.7	144	247	470	
All Puyallup Locations	15	19.5	110	144	230	739		48	36.3	129	291	1000	8040	
All Monitoring Locations Combined														
All CB Locations	6	28.6	50.8	108	144	145		24	97.2	143	209	267	424	
All RB Locations	8	228	243	279	667	1060		24	178	304	416	593	1180	
All AG Locations	8	116	147	161	228	380		24	278	436	659	1330	8720	
All FB Locations	8	72.2	81.6	106	297	729		24	68.3	135	192	324	879	
All Locations	30	39.9	118	305	391	1640		96	52.6	169	375	813	11600	

kg/year = kilograms per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-8. Absolute and unit area toxic chemical loading estimates for total phosphorus for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (kg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2	24.4		25.0		25.6		6	23.7	26.2	28.1	32.5	34.0	
CBX	1			1.35				6	21.3	25.8	31.4	41.3	53.7	
RB111	2	3.47		4.07		4.69		6	12.3	14.3	17.3	27.1	47.6	
RB202	2	16.9		19.0		21.0		6	24.4	24.9	44.4	68.9	84.7	
AG174	2	15.2		16.3		17.3		6	13.1	22.1	31.2	35.1	51.1	
AGG	2	9.64		11.0		12.4		6	26.3	42.4	55.7	66.6	72.2	
FB200	2	3.39		4.46		5.53		6	3.78	4.80	5.14	6.66	25.2	
FB203	2	8.03		8.12		8.29		6	5.13	6.19	8.60	10.6	24.7	
All Snohomish CB Locations	3	2.86	6.10	15.8	16.4	16.6		12	21.5	26.0	29.2	34.1	54.3	
All Snohomish RB Locations	4	7.41	8.20	9.51	10.5	11.1		12	15.1	18.9	23.6	47.5	65.0	
All Snohomish AG Locations	4	10.2	10.9	17.5	26.9	30.3		12	14.7	28.1	39.1	53.7	63.9	
All Snohomish FB Locations	4	6.20	6.93	7.75	9.05	10.1		12	4.92	6.87	8.75	10.8	42.9	
All Snohomish Locations	15	4.13	6.90	15.7	38.5	77.1		48	4.16	18.7	26.5	57.6	126	
Puyallup Watershed														
CBA	2	10.2		12.0		13.8		6	29.0	29.8	35.4	42.1	63.0	
CBB	1			1.26				6	7.05	10.7	13.4	15.3	22.0	
RB53	2	15.2		26.7		38.1		6	9.73	12.4	15.0	27.9	31.8	
RB209	2	5.14		5.96		6.78		6	6.08	6.83	8.18	10.6	16.0	
AG143	2	15.0		20.2		25.4		6	67.8	73.4	85.5	185	211	
AG62	2	40.3		43.9		47.5		6	109	122	169	271	320	
FB130	2	12.1		14.1		16.0		6	9.41	11.7	13.6	16.5	66.0	
FB372	2	5.06		5.23		5.38		6	9.53	10.9	13.5	35.5	71.3	
All Puyallup CB Locations	3	3.94	4.71	7.00	8.88	9.50		12	10.2	19.5	24.4	31.0	52.2	
All Puyallup RB Locations	4	4.63	5.36	12.1	31.9	45.6		12	5.38	7.24	13.1	18.5	39.2	
All Puyallup AG Locations	4	21.3	27.9	35.3	38.4	40.7		12	88.4	100	116	241	283	
All Puyallup FB Locations	4	4.42	5.14	6.37	7.10	7.30		12	6.85	9.50	11.8	26.2	75.6	
All Puyallup Locations	15	2.96	4.73	8.32	30.0	54.4		48	6.43	13.7	25.0	75.2	222	
All Monitoring Locations Combined														
All CB Locations	6	2.21	4.46	9.34	12.2	12.8		24	12.3	18.5	23.8	32.2	63.0	
All RB Locations	8	5.18	6.65	7.83	20.7	77.8		24	9.65	13.3	20.9	35.4	85.6	
All AG Locations	8	9.36	16.1	25.8	39.2	45.2		24	17.3	46.0	75.2	98.4	241	
All FB Locations	8	5.13	6.41	10.1	17.1	19.6		24	4.30	7.65	15.3	22.8	133	
All Locations	30	2.83	8.72	14.2	41.0	120		96	3.31	16.3	26.3	61.3	321	

kg/year = kilograms per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-9. Absolute and unit area toxic chemical loading estimates for total suspended solids for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (kg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 320	U	6	1570	3140	8640	10100	12600	
CBX	1					< 97.5	U	6	3080	6160	9620	11000	14600	
RB111	2	162		323		485		6	2380	3450	4560	8730	17900	
RB202	2	1300		1300		1300		6	3160	6950	16700	41700	74600	
AG174	2	640		960		1280		6	552	1660	3800	7730	11600	
AGG	2	175		394		613		6	350	701	1610	1750	2100	
FB200	2	892		892		892		6	1270	1270	2970	6110	17400	
FB203	2	1710		2560		3420		6	377	377	1510	5280	15800	
All Snohomish CB Locations	3					< 207	U	12	1560	4670	8940	11000	14800	
All Snohomish RB Locations	4	345	517	689	861	1030		12	2430	4290	8490	18700	57300	
All Snohomish AG Locations	4	427	427	640	1170	1490		12	310	962	1710	4270	13000	
All Snohomish FB Locations	4	1630	1630	1630	2450	3260		12	362	1450	2890	8460	29600	
All Snohomish Locations	15	272	679	1090	1490	3800		48	306	2510	5510	9330	72200	
Puyallup Watershed														
CBA	2	412		412		412		6	2170	5430	8410	11900	23300	
CBB	1					< 45.4	U	6	931	1860	2790	3100	3730	
RB53	2	354		472		590		6	692	807	1840	2420	3230	
RB209	2	627		1330		2040		6	481	481	1600	3050	8180	
AG143	2	374		436		499		6	987	987	6910	10200	16400	
AG62	2	207		413		620		6	971	1460	2190	4370	6800	
FB130	2	1370		1370		1370		6	493	2960	3940	4930	18700	
FB372	2	370		832		1290		6	676	1010	3210	15200	66600	
All Puyallup CB Locations	3	70.9	125	284	284	284		12	1350	3370	4500	7420	19300	
All Puyallup RB Locations	4	423	494	635	1270	1830		12	426	852	1850	2910	7240	
All Puyallup AG Locations	4	177	354	531	620	708		12	858	1290	3000	9010	21500	
All Puyallup FB Locations	4	502	502	502	1130	1760		12	358	1610	2870	8960	70600	
All Puyallup Locations	15	84.2	337	505	673	2190		48	336	1510	3200	6900	66300	
All Monitoring Locations Combined														
All CB Locations	6	80.2	80.2	80.2	321	321	E	24	1090	3800	5430	7680	23300	
All RB Locations	8	241	482	722	1080	3130		24	931	2020	4340	7760	36600	
All AG Locations	8	197	393	590	787	1380		24	365	1090	2010	5570	18200	
All FB Locations	8	1350	1350	1350	2020	4720		24	316	1580	4420	8340	125000	
All Locations	30	186	745	745	1490	4840		96	243	2000	4380	9250	95900	

kg/year = kilograms per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-10. Absolute and unit area toxic chemical loading estimates for 2,4,5-T for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 19.5	U	6					< 55.8	U
CBX	1					< 5.85	U	6					< 49.3	U
RB111	2					< 10.5	U	6					< 25.8	U
RB202	2					< 40.2	U	6					< 41.1	U
AG174	2					< 19.5	U	6					< 17.7	U
AGG	2					< 5.34	U	6					< 22.4	U
FB200	2					< 27.2	U	6					< 27.2	U
FB203	2					< 52.1	U	6					< 48.3	U
All Snohomish CB Locations	3					< 12.7	U	12					< 55.2	U
All Snohomish RB Locations	4					< 22.4	U	12					< 31.5	U
All Snohomish AG Locations	4					< 13.0	U	12					< 19.9	U
All Snohomish FB Locations	4					< 49.8	U	12					< 46.3	U
All Snohomish Locations	15					< 35.3	U	48					< 43.5	U
Puyallup Watershed														
CBA	2					< 12.8	U	6					< 35.3	U
CBB	1					< 2.77	U	6					< 19.9	U
RB53	2					< 7.32	U	6					< 7.38	U
RB209	2					< 10.0	U	6					< 10.3	U
AG143	2					< 7.98	U	6					< 20.4	U
AG62	2					< 12.8	U	6					< 30.6	U
FB130	2					< 42.5	U	6					< 30.5	U
FB372	2					< 11.5	U	6					< 21.6	U
All Puyallup CB Locations	3					< 8.79	U	12					< 29.2	U
All Puyallup RB Locations	4					< 9.03	U	12					< 9.09	U
All Puyallup AG Locations	4					< 11.3	U	12					< 27.0	U
All Puyallup FB Locations	4					< 15.6	U	12					< 22.9	U
All Puyallup Locations	15					< 10.8	U	48					< 21.9	U
All Monitoring Locations Combined														
All CB Locations	6					< 9.95	U	24					< 38.6	U
All RB Locations	8					< 15.7	U	24					< 20.2	U
All AG Locations	8					< 12.6	U	24					< 23.4	U
All FB Locations	8					< 41.8	U	24					< 40.5	U
All Locations	30					< 24.2	U	96					< 34.5	U

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-11. Absolute and unit area toxic chemical loading estimates for 2,4,5-TP (silvex) for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 19.5	U	6					< 55.8	U
CBX	1					< 5.85	U	6					< 49.3	U
RB111	2					< 10.5	U	6					< 25.8	U
RB202	2					< 40.2	U	6					< 41.1	U
AG174	2					< 19.5	U	6					< 17.7	U
AGG	2					< 5.34	U	6					< 22.4	U
FB200	2					< 27.2	U	6					< 27.2	U
FB203	2					< 52.1	U	6					< 48.3	U
All Snohomish CB Locations	3					< 12.7	U	12					< 55.2	U
All Snohomish RB Locations	4					< 22.4	U	12					< 31.5	U
All Snohomish AG Locations	4					< 13.0	U	12					< 19.9	U
All Snohomish FB Locations	4					< 49.8	U	12					< 46.3	U
All Snohomish Locations	15					< 35.3	U	48					< 43.5	U
Puyallup Watershed														
CBA	2					< 12.8	U	6					< 35.3	U
CBB	1					< 2.77	U	6					< 19.9	U
RB53	2					< 7.32	U	6					< 7.38	U
RB209	2					< 10.0	U	6					< 10.3	U
AG143	2					< 7.98	U	6					< 20.4	U
AG62	2					< 12.8	U	6					< 30.6	U
FB130	2					< 42.5	U	6					< 30.5	U
FB372	2					< 11.5	U	6					< 21.6	U
All Puyallup CB Locations	3					< 8.79	U	12					< 29.2	U
All Puyallup RB Locations	4					< 9.03	U	12					< 9.09	U
All Puyallup AG Locations	4					< 11.3	U	12					< 27.0	U
All Puyallup FB Locations	4					< 15.6	U	12					< 22.9	U
All Puyallup Locations	15					< 10.8	U	48					< 21.9	U
All Monitoring Locations Combined														
All CB Locations	6					< 9.95	U	24					< 38.6	U
All RB Locations	8					< 15.7	U	24					< 20.2	U
All AG Locations	8					< 12.6	U	24					< 23.4	U
All FB Locations	8					< 41.8	U	24					< 40.5	U
All Locations	30					< 24.2	U	96					< 34.5	U

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-12. Absolute and unit area toxic chemical loading estimates for 2,4-D for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 19.5	U	6	22.0	24.4	26.6	27.9	29.9	E
CBX	1					< 5.85	U	6	23.5	23.9	25.0	43.9	48.5	E
RB111	2					< 10.5	U	6	10.3	12.1	18.3	30.2	30.2	E
RB202	2					< 40.2	U	6	19.0	19.3	19.6	39.2	69.5	E
AG174	2					< 19.5	U	6					< 17.7	U
AGG	2					< 5.34	U	6	10.5	10.7	10.9	11.2	102	E
FB200	2					< 27.2	U	6					< 27.2	U
FB203	2					< 52.1	U	6					< 48.3	U
All Snohomish CB Locations	3					< 12.7	U	12	21.8	24.1	25.7	28.5	49.0	E
All Snohomish RB Locations	4					< 22.4	U	12	12.6	14.8	15.0	33.5	53.4	E
All Snohomish AG Locations	4					< 13.0	U	12	9.31	9.46	9.62	9.87	90.0	E
All Snohomish FB Locations	4					< 49.8	U	12					< 46.3	U
All Snomomish Locations	15					< 35.3	U	48	15.9	18.7	19.0	20.2	178	E
Puyallup Watershed														
CBA	2	5.97		6.18		6.38	E	6	13.6	17.4	20.7	86.8	92.3	
CBB	1			2.23				6	9.47	9.78	14.3	20.5	25.8	
RB53	2					< 7.32	U	6	3.52	3.57	3.63	3.69	4.96	E
RB209	2					< 10.0	U	6	4.49	4.89	4.97	5.05	5.13	E
AG143	2	3.99		89.3		175	E	6	10.0	10.0	10.2	10.2	155	E
AG62	2	5.58		5.99		6.40	E	6	14.8	14.8	14.9	15.3	131	E
FB130	2					< 42.5	U	6					< 30.5	U
FB372	2					< 11.5	U	6					< 21.6	U
All Puyallup CB Locations	3	4.11	4.18	4.40	6.31	6.95	E	12	11.2	14.3	17.2	33.5	76.5	
All Puyallup RB Locations	4					< 9.03	U	12	3.98	4.33	4.47	4.52	6.11	E
All Puyallup AG Locations	4	4.78	5.14	5.58	127	248	E	12	13.1	13.1	13.3	13.4	202	E
All Puyallup FB Locations	4					< 15.6	U	12					< 22.9	U
All Puyallup Locations	15	4.55	5.07	5.22	5.35	236	E	48	8.41	10.3	10.4	10.8	158	E
All Monitoring Locations Combined														
All CB Locations	6	4.65	4.81	4.89	4.97	7.86	E	24	13.6	16.8	18.1	31.8	92.3	
All RB Locations	8					< 15.7	U	24	8.07	9.46	9.68	11.6	34.1	E
All AG Locations	8	5.31	6.00	6.00	6.19	275	E	24	10.9	11.1	11.3	11.5	172	E
All FB Locations	8					< 41.8	U	24					< 40.5	U
All Locations	30	10.1	11.4	11.4	11.5	521	E	96	12.2	14.8	15.1	15.6	229	E

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-13. Absolute and unit area toxic chemical loading estimates for 2,4-DB for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 19.5	U	6					< 55.8	U
CBX	1					< 5.85	U	6					< 49.3	U
RB111	2					< 10.5	U	6					< 25.8	U
RB202	2					< 40.2	U	6					< 41.1	U
AG174	2					< 19.5	U	6					< 17.7	U
AGG	2					< 5.34	U	6					< 22.4	U
FB200	2					< 27.2	U	6					< 27.2	U
FB203	2					< 52.1	U	6					< 48.3	U
All Snohomish CB Locations	3					< 12.7	U	12					< 55.2	U
All Snohomish RB Locations	4					< 22.4	U	12					< 31.5	U
All Snohomish AG Locations	4					< 13.0	U	12					< 19.9	U
All Snohomish FB Locations	4					< 49.8	U	12					< 46.3	U
All Snohomish Locations	15					< 35.3	U	48					< 43.5	U
Puyallup Watershed														
CBA	2					< 12.8	U	6					< 35.3	U
CBB	1					< 2.77	U	6					< 19.9	U
RB53	2					< 7.32	U	6					< 7.38	U
RB209	2					< 10.0	U	6					< 10.3	U
AG143	2					< 7.98	U	6					< 20.4	U
AG62	2					< 12.8	U	6					< 30.6	U
FB130	2					< 42.5	U	6					< 30.5	U
FB372	2					< 11.5	U	6					< 21.6	U
All Puyallup CB Locations	3					< 8.79	U	12					< 29.2	U
All Puyallup RB Locations	4					< 9.03	U	12					< 9.09	U
All Puyallup AG Locations	4					< 11.3	U	12					< 27.0	U
All Puyallup FB Locations	4					< 15.6	U	12					< 22.9	U
All Puyallup Locations	15					< 10.8	U	48					< 21.9	U
All Monitoring Locations Combined														
All CB Locations	6					< 9.95	U	24					< 38.6	U
All RB Locations	8					< 15.7	U	24					< 20.2	U
All AG Locations	8					< 12.6	U	24					< 23.4	U
All FB Locations	8					< 41.8	U	24					< 40.5	U
All Locations	30					< 24.2	U	96					< 34.5	U

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-14. Absolute and unit area toxic chemical loading estimates for 3,5-dichlorobenzoic acid for the Phase 3 study of toxics in surface runoff to Puget Sound

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 19.5	U	6					< 55.8	U
CBX	1					< 5.85	U	6					< 49.3	U
RB111	2					< 10.5	U	6					< 25.8	U
RB202	2					< 40.2	U	6					< 41.1	U
AG174	2					< 19.5	U	6					< 17.7	U
AGG	2					< 5.34	U	6					< 22.4	U
FB200	2					< 27.2	U	6					< 27.2	U
FB203	2					< 52.1	U	6					< 48.3	U
All Snohomish CB Locations	3					< 12.7	U	12					< 55.2	U
All Snohomish RB Locations	4					< 22.4	U	12					< 31.5	U
All Snohomish AG Locations	4					< 13.0	U	12					< 19.9	U
All Snohomish FB Locations	4					< 49.8	U	12					< 46.3	U
All Snohomish Locations	15					< 35.3	U	48					< 43.5	U
Puyallup Watershed														
CBA	2					< 12.8	U	6					< 35.3	U
CBB	1					< 2.77	U	6	8.69	9.31	9.47	9.62	9.93	E
RB53	2					< 7.32	U	6					< 7.38	U
RB209	2					< 10.0	U	6					< 10.3	U
AG143	2					< 7.98	U	6					< 20.4	U
AG62	2					< 12.8	U	6					< 30.6	U
FB130	2					< 42.5	U	6					< 30.5	U
FB372	2					< 11.5	U	6					< 21.6	U
All Puyallup CB Locations	3					< 8.79	U	12	12.6	13.6	13.8	14.3	14.6	E
All Puyallup RB Locations	4					< 9.03	U	12					< 9.09	U
All Puyallup AG Locations	4					< 11.3	U	12					< 27.0	U
All Puyallup FB Locations	4					< 15.6	U	12					< 22.9	U
All Puyallup Locations	15					< 10.8	U	48	9.42	10.3	10.4	10.6	10.9	E
All Monitoring Locations Combined														
All CB Locations	6					< 9.95	U	24	15.2	16.6	16.8	17.4	19.3	E
All RB Locations	8					< 15.7	U	24					< 20.2	U
All AG Locations	8					< 12.6	U	24					< 23.4	U
All FB Locations	8					< 41.8	U	24					< 40.5	U
All Locations	30					< 24.2	U	96	13.6	14.8	15.1	15.3	17.3	E

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-15. Absolute and unit area toxic chemical loading estimates for acifluorfen (blazer) for the Phase 3 study of toxics in surface runoff to Puget Sound

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 19.5	U	6					< 55.8	U
CBX	1					< 5.85	U	5					< 49.3	U
RB111	2					< 10.5	U	5					< 25.8	U
RB202	2					< 40.2	U	5					< 41.1	U
AG174	2					< 19.5	U	5					< 17.7	U
AGG	2					< 5.34	U	5					< 22.4	U
FB200	2					< 27.2	U	5					< 27.2	U
FB203	2					< 52.1	U	5					< 48.3	U
All Snohomish CB Locations	3					< 12.7	U	11					< 55.2	U
All Snohomish RB Locations	4					< 22.4	U	10					< 31.5	U
All Snohomish AG Locations	4					< 13.0	U	10					< 19.9	U
All Snohomish FB Locations	4					< 49.8	U	10					< 46.3	U
All Snohomish Locations	15					< 35.3	U	41					< 43.5	U
Puyallup Watershed														
CBA	2					< 12.8	U	6					< 35.3	U
CBB	1					< 2.77	U	6					< 19.9	U
RB53	2					< 7.32	U	6					< 7.38	U
RB209	2					< 10.0	U	6					< 10.3	U
AG143	2					< 7.98	U	6					< 20.4	U
AG62	2					< 12.8	U	6					< 30.6	U
FB130	2					< 42.5	U	6					< 30.5	U
FB372	2					< 11.5	U	6					< 21.6	U
All Puyallup CB Locations	3					< 8.79	U	12					< 29.2	U
All Puyallup RB Locations	4					< 9.03	U	12					< 9.09	U
All Puyallup AG Locations	4					< 11.3	U	12					< 27.0	U
All Puyallup FB Locations	4					< 15.6	U	12					< 22.9	U
All Puyallup Locations	15					< 10.8	U	48					< 21.9	U
All Monitoring Locations Combined														
All CB Locations	6					< 9.95	U	23					< 38.6	U
All RB Locations	8					< 15.7	U	22					< 20.2	U
All AG Locations	8					< 12.6	U	22					< 23.4	U
All FB Locations	8					< 41.8	U	22					< 40.5	U
All Locations	30					< 24.2	U	89					< 34.5	U

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-16. Absolute and unit area toxic chemical loading estimates for bentazon for the Phase 3 study of toxics in surface runoff to Puget Sound

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 19.5	U	6					< 55.8	U
CBX	1					< 5.85	U	6					< 49.3	U
RB111	2					< 10.5	U	6					< 25.8	U
RB202	2					< 40.2	U	6					< 41.1	U
AG174	2					< 19.5	U	6					< 17.7	U
AGG	2					< 5.34	U	6					< 22.4	U
FB200	2					< 27.2	U	6					< 27.2	U
FB203	2					< 52.1	U	6					< 48.3	U
All Snohomish CB Locations	3					< 12.7	U	12					< 55.2	U
All Snohomish RB Locations	4					< 22.4	U	12					< 31.5	U
All Snohomish AG Locations	4					< 13.0	U	12					< 19.9	U
All Snohomish FB Locations	4					< 49.8	U	12					< 46.3	U
All Snohomish Locations	15					< 35.3	U	48					< 43.5	U
Puyallup Watershed														
CBA	2					< 12.8	U	6					< 35.3	U
CBB	1					< 2.77	U	6					< 19.9	U
RB53	2					< 7.32	U	6					< 7.38	U
RB209	2					< 10.0	U	6					< 10.3	U
AG143	2					< 7.98	U	6					< 20.4	U
AG62	2					< 12.8	U	6					< 30.6	U
FB130	2					< 42.5	U	6					< 30.5	U
FB372	2					< 11.5	U	6					< 21.6	U
All Puyallup CB Locations	3					< 8.79	U	12					< 29.2	U
All Puyallup RB Locations	4					< 9.03	U	12					< 9.09	U
All Puyallup AG Locations	4					< 11.3	U	12					< 27.0	U
All Puyallup FB Locations	4					< 15.6	U	12					< 22.9	U
All Puyallup Locations	15					< 10.8	U	48					< 21.9	U
All Monitoring Locations Combined														
All CB Locations	6					< 9.95	U	24					< 38.6	U
All RB Locations	8					< 15.7	U	24					< 20.2	U
All AG Locations	8					< 12.6	U	24					< 23.4	U
All FB Locations	8					< 41.8	U	24					< 40.5	U
All Locations	30					< 24.2	U	96					< 34.5	U

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-17. Absolute and unit area toxic chemical loading estimates for bromoxynil for the Phase 3 study of toxics in surface runoff to Puget Sound

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 19.5	U	6					< 55.8	U
CBX	1					< 5.85	U	6					< 49.3	U
RB111	2					< 10.5	U	6					< 25.8	U
RB202	2					< 40.2	U	6					< 41.1	U
AG174	2					< 19.5	U	6					< 17.7	U
AGG	2					< 5.34	U	6					< 22.4	U
FB200	2					< 27.2	U	6					< 27.2	U
FB203	2					< 52.1	U	6					< 48.3	U
All Snohomish CB Locations	3					< 12.7	U	12					< 55.2	U
All Snohomish RB Locations	4					< 22.4	U	12					< 31.5	U
All Snohomish AG Locations	4					< 13.0	U	12					< 19.9	U
All Snohomish FB Locations	4					< 49.8	U	12					< 46.3	U
All Snohomish Locations	15					< 35.3	U	48					< 43.5	U
Puyallup Watershed														
CBA	2					< 12.8	U	6					< 35.3	U
CBB	1					< 2.77	U	6					< 19.9	U
RB53	2					< 7.32	U	6					< 7.38	U
RB209	2					< 10.0	U	6					< 10.3	U
AG143	2					< 7.98	U	6					< 20.4	U
AG62	2					< 12.8	U	6					< 30.6	U
FB130	2					< 42.5	U	6					< 30.5	U
FB372	2					< 11.5	U	6					< 21.6	U
All Puyallup CB Locations	3					< 8.79	U	12					< 29.2	U
All Puyallup RB Locations	4					< 9.03	U	12					< 9.09	U
All Puyallup AG Locations	4					< 11.3	U	12					< 27.0	U
All Puyallup FB Locations	4					< 15.6	U	12					< 22.9	U
All Puyallup Locations	15					< 10.8	U	48					< 21.9	U
All Monitoring Locations Combined														
All CB Locations	6					< 9.95	U	24					< 38.6	U
All RB Locations	8					< 15.7	U	24					< 20.2	U
All AG Locations	8					< 12.6	U	24					< 23.4	U
All FB Locations	8					< 41.8	U	24					< 40.5	U
All Locations	30					< 24.2	U	96					< 34.5	U

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-18. Absolute and unit area toxic chemical loading estimates for clopyralid for the Phase 3 study of toxics in surface runoff to Puget Sound

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 19.5	U	6					< 55.8	U
CBX	1					< 5.85	U	6					< 49.3	U
RB111	2					< 10.5	U	6					< 25.8	U
RB202	2					< 40.2	U	6					< 41.1	U
AG174	2					< 19.5	U	6					< 17.7	U
AGG	2					< 5.34	U	6					< 22.4	U
FB200	2					< 27.2	U	6					< 27.2	U
FB203	2					< 52.1	U	6					< 48.3	U
All Snohomish CB Locations	3					< 12.7	U	12					< 55.2	U
All Snohomish RB Locations	4					< 22.4	U	12					< 31.5	U
All Snohomish AG Locations	4					< 13.0	U	12					< 19.9	U
All Snohomish FB Locations	4					< 49.8	U	12					< 46.3	U
All Snohomish Locations	15					< 35.3	U	48					< 43.5	U
Puyallup Watershed														
CBA	2					< 12.8	U	6					< 35.3	U
CBB	1					< 2.77	U	6					< 19.9	U
RB53	2					< 7.32	U	6					< 7.38	U
RB209	2					< 10.0	U	6					< 10.3	U
AG143	2					< 7.98	U	6					< 20.4	U
AG62	2					< 12.8	U	6					< 30.6	U
FB130	2					< 42.5	U	6					< 30.5	U
FB372	2					< 11.5	U	6					< 21.6	U
All Puyallup CB Locations	3					< 8.79	U	12					< 29.2	U
All Puyallup RB Locations	4					< 9.03	U	12					< 9.09	U
All Puyallup AG Locations	4					< 11.3	U	12					< 27.0	U
All Puyallup FB Locations	4					< 15.6	U	12					< 22.9	U
All Puyallup Locations	15					< 10.8	U	48					< 21.9	U
All Monitoring Locations Combined														
All CB Locations	6					< 9.95	U	24					< 38.6	U
All RB Locations	8					< 15.7	U	24					< 20.2	U
All AG Locations	8					< 12.6	U	24					< 23.4	U
All FB Locations	8					< 41.8	U	24					< 40.5	U
All Locations	30					< 24.2	U	96					< 34.5	U

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-19. Absolute and unit area toxic chemical loading estimates for dicamba for the Phase 3 study of toxics in surface runoff to Puget Sound

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 19.5	U	6	13.4	24.4	25.0	27.9	27.9	E
CBX	1					< 5.85	U	6	23.5	23.5	23.9	24.6	25.4	E
RB111	2	1.94		3.60		5.25	E	6	5.95	7.94	11.3	12.1	12.3	
RB202	2					< 40.2	U	6	8.22	19.0	19.4	19.6	20.5	E
AG174	2					< 19.5	U	6					< 17.7	U
AGG	2					< 5.34	U	6	10.5	10.7	10.9	11.2	29.1	E
FB200	2					< 27.2	U	6					< 27.2	U
FB203	2					< 52.1	U	6					< 48.3	U
All Snohomish CB Locations	3					< 12.7	U	12	13.2	23.9	24.3	25.3	27.6	E
All Snohomish RB Locations	4	4.13	7.41	10.7	11.0	11.2	E	12	6.31	11.4	14.7	15.0	15.8	E
All Snohomish AG Locations	4					< 13.0	U	12	9.31	9.46	9.62	9.87	25.7	E
All Snohomish FB Locations	4					< 49.8	U	12					< 46.3	U
All Snohomish Locations	15	6.52	16.6	16.6	16.6	17.7	E	48	7.96	18.7	19.0	19.3	50.8	E
Puyallup Watershed														
CBA	2	2.06		4.18		6.28	E	6	7.06	7.60	13.3	17.4	17.6	E
CBB	1					< 2.77	U	6					< 19.9	U
RB53	2	1.18		2.36		3.54	E	6					< 7.38	U
RB209	2					< 10.0	U	6					< 10.3	U
AG143	2	1.37		2.59		3.80	E	6	6.25	6.25	10.0	10.0	10.2	E
AG62	2	2.69		4.55		6.40	E	6	13.6	14.8	14.8	15.1	15.3	E
FB130	2					< 42.5	U	6					< 30.5	U
FB372	2					< 11.5	U	6					< 21.6	U
All Puyallup CB Locations	3	1.42	2.14	4.32	4.32	4.32	E	12	5.85	10.8	13.8	14.3	14.6	E
All Puyallup RB Locations	4	1.41	2.82	4.26	4.40	4.51	E	12					< 9.09	U
All Puyallup AG Locations	4	1.95	2.13	3.84	5.44	5.49	E	12	8.15	12.5	13.1	13.2	13.5	E
All Puyallup FB Locations	4					< 15.6	U	12					< 22.9	U
All Puyallup Locations	15	1.68	2.90	5.13	5.20	5.39	E	48	4.37	10.3	10.3	10.6	10.9	E
All Monitoring Locations Combined														
All CB Locations	6	1.60	4.81	4.89	4.89	4.89	E	24	7.06	16.6	16.8	17.4	19.3	E
All RB Locations	8	2.41	5.06	7.39	7.59	7.83	E	24	4.03	9.37	9.53	9.77	10.1	E
All AG Locations	8	2.16	4.27	6.00	6.00	6.10	E	24	6.93	11.1	11.1	11.3	30.3	E
All FB Locations	8					< 41.8	U	24					< 40.5	U
All Locations	30	3.72	11.2	11.4	11.4	12.1	E	96	6.33	14.8	15.1	15.3	40.4	E

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-20. Absolute and unit area toxic chemical loading estimates for dichlorprop for the Phase 3 study of toxics in surface runoff to Puget Sound

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 19.5	U	6					< 55.8	U
CBX	1					< 5.85	U	6					< 49.3	U
RB111	2					< 10.5	U	6					< 25.8	U
RB202	2					< 40.2	U	6					< 41.1	U
AG174	2					< 19.5	U	6					< 17.7	U
AGG	2					< 5.34	U	6					< 22.4	U
FB200	2					< 27.2	U	6					< 27.2	U
FB203	2					< 52.1	U	6					< 48.3	U
All Snohomish CB Locations	3					< 12.7	U	12					< 55.2	U
All Snohomish RB Locations	4					< 22.4	U	12					< 31.5	U
All Snohomish AG Locations	4					< 13.0	U	12					< 19.9	U
All Snohomish FB Locations	4					< 49.8	U	12					< 46.3	U
All Snohomish Locations	15					< 35.3	U	48					< 43.5	U
Puyallup Watershed														
CBA	2					< 12.8	U	6					< 35.3	U
CBB	1					< 2.77	U	6					< 19.9	U
RB53	2					< 7.32	U	6					< 7.38	U
RB209	2					< 10.0	U	6					< 10.3	U
AG143	2					< 7.98	U	6					< 20.4	U
AG62	2					< 12.8	U	6					< 30.6	U
FB130	2					< 42.5	U	6					< 30.5	U
FB372	2					< 11.5	U	6					< 21.6	U
All Puyallup CB Locations	3					< 8.79	U	12					< 29.2	U
All Puyallup RB Locations	4					< 9.03	U	12					< 9.09	U
All Puyallup AG Locations	4					< 11.3	U	12					< 27.0	U
All Puyallup FB Locations	4					< 15.6	U	12					< 22.9	U
All Puyallup Locations	15					< 10.8	U	48					< 21.9	U
All Monitoring Locations Combined														
All CB Locations	6					< 9.95	U	24					< 38.6	U
All RB Locations	8					< 15.7	U	24					< 20.2	U
All AG Locations	8					< 12.6	U	24					< 23.4	U
All FB Locations	8					< 41.8	U	24					< 40.5	U
All Locations	30					< 24.2	U	96					< 34.5	U

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-21. Absolute and unit area toxic chemical loading estimates for diclofop-methyl for the Phase 3 study of toxics in surface runoff to Puget Sound

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 19.5	U	6					< 55.8	U
CBX	1					< 5.85	U	6					< 49.3	U
RB111	2					< 10.5	U	6					< 25.8	U
RB202	2					< 40.2	U	6					< 41.1	U
AG174	2					< 19.5	U	6					< 17.7	U
AGG	2					< 5.34	U	6					< 22.4	U
FB200	2					< 27.2	U	6					< 27.2	U
FB203	2					< 52.1	U	6					< 48.3	U
All Snohomish CB Locations	3					< 12.7	U	12					< 55.2	U
All Snohomish RB Locations	4					< 22.4	U	12					< 31.5	U
All Snohomish AG Locations	4					< 13.0	U	12					< 19.9	U
All Snohomish FB Locations	4					< 49.8	U	12					< 46.3	U
All Snohomish Locations	15					< 35.3	U	48					< 43.5	U
Puyallup Watershed														
CBA	2					< 12.8	U	6					< 35.3	U
CBB	1					< 2.77	U	6					< 19.9	U
RB53	2					< 7.32	U	6					< 7.38	U
RB209	2					< 10.0	U	6					< 10.3	U
AG143	2					< 7.98	U	6					< 20.4	U
AG62	2					< 12.8	U	6					< 30.6	U
FB130	2					< 42.5	U	6					< 30.5	U
FB372	2					< 11.5	U	6					< 21.6	U
All Puyallup CB Locations	3					< 8.79	U	12					< 29.2	U
All Puyallup RB Locations	4					< 9.03	U	12					< 9.09	U
All Puyallup AG Locations	4					< 11.3	U	12					< 27.0	U
All Puyallup FB Locations	4					< 15.6	U	12					< 22.9	U
All Puyallup Locations	15					< 10.8	U	48					< 21.9	U
All Monitoring Locations Combined														
All CB Locations	6					< 9.95	U	24					< 38.6	U
All RB Locations	8					< 15.7	U	24					< 20.2	U
All AG Locations	8					< 12.6	U	24					< 23.4	U
All FB Locations	8					< 41.8	U	24					< 40.5	U
All Locations	30					< 24.2	U	96					< 34.5	U

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-22. Absolute and unit area toxic chemical loading estimates for dinoseb for the Phase 3 study of toxics in surface runoff to Puget Sound

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 19.5	U	6					< 55.8	U
CBX	1					< 5.85	U	5					< 49.3	U
RB111	2					< 10.5	U	5					< 25.8	U
RB202	2					< 40.2	U	5					< 41.1	U
AG174	2					< 19.5	U	5					< 17.7	U
AGG	2					< 5.34	U	5					< 22.4	U
FB200	2					< 27.2	U	5					< 27.2	U
FB203	2					< 52.1	U	5					< 48.3	U
All Snohomish CB Locations	3					< 12.7	U	11					< 55.2	U
All Snohomish RB Locations	4					< 22.4	U	10					< 31.5	U
All Snohomish AG Locations	4					< 13.0	U	10					< 19.9	U
All Snohomish FB Locations	4					< 49.8	U	10					< 46.3	U
All Snohomish Locations	15					< 35.3	U	41					< 43.5	U
Puyallup Watershed														
CBA	2					< 12.8	U	5					< 35.3	U
CBB	1					< 2.77	U	4					< 19.6	U
RB53	2					< 7.32	U	4					< 7.38	U
RB209	2					< 10.0	U	4					< 10.3	U
AG143	2					< 7.98	U	4					< 20.4	U
AG62	2					< 12.8	U	4					< 30.1	U
FB130	2					< 42.5	U	4					< 30.5	U
FB372	2					< 11.5	U	4					< 21.6	U
All Puyallup CB Locations	3					< 8.79	U	9					< 29.2	U
All Puyallup RB Locations	4					< 9.03	U	8					< 9.09	U
All Puyallup AG Locations	4					< 11.3	U	8					< 26.6	U
All Puyallup FB Locations	4					< 15.6	U	8					< 22.9	U
All Puyallup Locations	15					< 10.8	U	33					< 21.9	U
All Monitoring Locations Combined														
All CB Locations	6					< 9.95	U	20					< 38.6	U
All RB Locations	8					< 15.7	U	18					< 20.2	U
All AG Locations	8					< 12.6	U	18					< 23.4	U
All FB Locations	8					< 41.8	U	18					< 40.5	U
All Locations	30					< 24.2	U	74					< 34.5	U

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-23. Absolute and unit area toxic chemical loading estimates for ioxynil for the Phase 3 study of toxics in surface runoff to Puget Sound

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 19.5	U	6					< 55.8	U
CBX	1					< 5.85	U	6					< 49.3	U
RB111	2					< 10.5	U	6					< 25.8	U
RB202	2					< 40.2	U	6					< 41.1	U
AG174	2					< 19.5	U	6					< 17.7	U
AGG	2					< 5.34	U	6					< 22.4	U
FB200	2					< 27.2	U	6					< 27.2	U
FB203	2					< 52.1	U	6					< 48.3	U
All Snohomish CB Locations	3					< 12.7	U	12					< 55.2	U
All Snohomish RB Locations	4					< 22.4	U	12					< 31.5	U
All Snohomish AG Locations	4					< 13.0	U	12					< 19.9	U
All Snohomish FB Locations	4					< 49.8	U	12					< 46.3	U
All Snohomish Locations	15					< 35.3	U	48					< 43.5	U
Puyallup Watershed														
CBA	2					< 12.8	U	6					< 35.3	U
CBB	1					< 2.77	U	6					< 19.9	U
RB53	2					< 7.32	U	6					< 7.38	U
RB209	2					< 10.0	U	6					< 10.3	U
AG143	2					< 7.98	U	6					< 20.4	U
AG62	2					< 12.8	U	6					< 30.6	U
FB130	2					< 42.5	U	6					< 30.5	U
FB372	2					< 11.5	U	6					< 21.6	U
All Puyallup CB Locations	3					< 8.79	U	12					< 29.2	U
All Puyallup RB Locations	4					< 9.03	U	12					< 9.09	U
All Puyallup AG Locations	4					< 11.3	U	12					< 27.0	U
All Puyallup FB Locations	4					< 15.6	U	12					< 22.9	U
All Puyallup Locations	15					< 10.8	U	48					< 21.9	U
All Monitoring Locations Combined														
All CB Locations	6					< 9.95	U	24					< 38.6	U
All RB Locations	8					< 15.7	U	24					< 20.2	U
All AG Locations	8					< 12.6	U	24					< 23.4	U
All FB Locations	8					< 41.8	U	24					< 40.5	U
All Locations	30					< 24.2	U	96					< 34.5	U

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-24. Absolute and unit area toxic chemical loading estimates for mcpa for the Phase 3 study of toxics in surface runoff to Puget Sound

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 19.5	U	6	24.4	24.8	26.6	27.9	44.0	E
CBX	1					< 5.85	U	6	23.5	23.5	23.9	24.6	30.8	E
RB111	2	4.04		4.64		5.25	E	6	10.7	12.3	14.3	28.2	29.4	
RB202	2					< 40.2	U	6					< 41.1	U
AG174	2					< 19.5	U	6					< 17.7	U
AGG	2					< 5.34	U	6					< 22.4	U
FB200	2					< 27.2	U	6					< 27.2	U
FB203	2					< 52.1	U	6					< 48.3	U
All Snohomish CB Locations	3					< 12.7	U	12	23.7	24.1	24.7	27.6	43.6	E
All Snohomish RB Locations	4	8.61	9.65	10.7	11.0	11.2	E	12	13.1	14.8	15.0	17.6	35.9	E
All Snohomish AG Locations	4					< 13.0	U	12					< 19.9	U
All Snohomish FB Locations	4					< 49.8	U	12					< 46.3	U
All Snohomish Locations	15	13.6	16.6	16.6	16.6	17.7	E	48	16.5	18.7	19.0	19.6	45.3	E
Puyallup Watershed														
CBA	2	4.94		5.60		6.28	E	6	16.3	16.8	17.3	17.6	30.9	E
CBB	1					< 2.77	U	6					< 19.9	U
RB53	2					< 7.32	U	6					< 7.38	U
RB209	2					< 10.0	U	6					< 10.3	U
AG143	2	3.74		3.77		3.80	E	6	10.0	10.0	10.2	10.2	11.5	E
AG62	2					< 12.8	U	6	14.8	14.8	15.1	15.3	92.3	E
FB130	2					< 42.5	U	6					< 30.5	U
FB372	2					< 11.5	U	6					< 21.6	U
All Puyallup CB Locations	3	3.40	3.63	4.32	4.32	4.32	E	12	13.5	13.7	14.0	14.4	25.6	E
All Puyallup RB Locations	4					< 9.03	U	12					< 9.09	U
All Puyallup AG Locations	4	5.31	5.35	5.44	5.49	5.49	E	12	13.1	13.1	13.3	13.4	81.5	E
All Puyallup FB Locations	4					< 15.6	U	12					< 22.9	U
All Puyallup Locations	15	4.04	5.07	5.13	5.22	5.39	E	48	10.1	10.3	10.4	10.6	63.9	E
All Monitoring Locations Combined														
All CB Locations	6	3.85	4.81	4.89	4.89	4.89	E	24	16.3	16.7	17.1	17.5	30.9	E
All RB Locations	8	6.02	7.27	7.47	7.59	7.83	E	24	8.38	9.46	9.62	9.93	23.0	E
All AG Locations	8	5.90	6.00	6.00	6.04	6.10	E	24	10.9	11.1	11.3	11.4	69.3	E
All FB Locations	8					< 41.8	U	24					< 40.5	U
All Locations	30	8.94	11.4	11.4	11.5	12.1	E	96	13.1	14.8	15.1	15.5	92.5	E

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-25. Absolute and unit area toxic chemical loading estimates for mcpp (mecoprop) for the Phase 3 study of toxics in surface runoff to Puget Sound

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 19.5	U	6					< 55.8	U
CBX	1					< 5.85	U	6					< 49.3	U
RB111	2					< 10.5	U	6	8.73	11.5	14.3	19.5	29.4	
RB202	2					< 40.2	U	6	19.0	19.3	19.4	19.6	28.4	E
AG174	2					< 19.5	U	6					< 17.7	U
AGG	2					< 5.34	U	6	10.5	10.7	10.9	11.2	38.5	E
FB200	2					< 27.2	U	6					< 27.2	U
FB203	2					< 52.1	U	6					< 48.3	U
All Snohomish CB Locations	3					< 12.7	U	12					< 55.2	U
All Snohomish RB Locations	4					< 22.4	U	12	10.7	14.7	15.0	20.9	35.9	E
All Snohomish AG Locations	4					< 13.0	U	12	9.31	9.46	9.62	9.87	34.1	E
All Snohomish FB Locations	4					< 49.8	U	12					< 46.3	U
All Snohomish Locations	15					< 35.3	U	48	13.5	18.7	19.0	19.6	67.3	E
Puyallup Watershed														
CBA	2	2.68		4.47		6.28	E	6	16.3	16.8	17.3	17.6	59.7	E
CBB	1					< 2.77	U	6	9.31	9.47	9.62	9.93	10.6	E
RB53	2					< 7.32	U	6	2.31	3.52	3.60	3.63	3.69	E
RB209	2					< 10.0	U	6					< 10.3	U
AG143	2					< 7.98	U	6					< 20.4	U
AG62	2					< 12.8	U	6					< 30.6	U
FB130	2					< 42.5	U	6					< 30.5	U
FB372	2					< 11.5	U	6					< 21.6	U
All Puyallup CB Locations	3	1.84	2.47	4.32	4.32	4.32	E	12	13.5	13.7	14.2	14.5	49.5	E
All Puyallup RB Locations	4					< 9.03	U	12	2.84	4.33	4.43	4.47	4.54	E
All Puyallup AG Locations	4					< 11.3	U	12					< 27.0	U
All Puyallup FB Locations	4					< 15.6	U	12					< 22.9	U
All Puyallup Locations	15	2.19	5.13	5.13	5.22	5.39	E	48	6.73	10.3	10.4	10.6	37.0	E
All Monitoring Locations Combined														
All CB Locations	6	2.09	4.81	4.89	4.89	4.89	E	24	16.3	16.6	17.1	17.4	59.7	E
All RB Locations	8					< 15.7	U	24	6.21	9.46	9.62	9.87	23.0	E
All AG Locations	8					< 12.6	U	24	10.9	11.1	11.3	11.3	40.1	E
All FB Locations	8					< 41.8	U	24					< 40.5	U
All Locations	30	4.84	11.4	11.4	11.5	12.1	E	96	9.73	14.8	15.1	15.3	53.5	E

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-26. Absolute and unit area toxic chemical loading estimates for picloram for the Phase 3 study of toxics in surface runoff to Puget Sound

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 19.5	U	6					< 55.8	U
CBX	1					< 5.85	U	6					< 49.3	U
RB111	2					< 10.5	U	6					< 25.8	U
RB202	2					< 40.2	U	6					< 41.1	U
AG174	2					< 19.5	U	6					< 17.7	U
AGG	2					< 5.34	U	6					< 22.4	U
FB200	2					< 27.2	U	6					< 27.2	U
FB203	2					< 52.1	U	6					< 48.3	U
All Snohomish CB Locations	3					< 12.7	U	12					< 55.2	U
All Snohomish RB Locations	4					< 22.4	U	12					< 31.5	U
All Snohomish AG Locations	4					< 13.0	U	12					< 19.9	U
All Snohomish FB Locations	4					< 49.8	U	12					< 46.3	U
All Snohomish Locations	15					< 35.3	U	48					< 43.5	U
Puyallup Watershed														
CBA	2					< 12.8	U	6					< 35.3	U
CBB	1					< 2.77	U	6					< 19.9	U
RB53	2					< 7.32	U	6					< 7.38	U
RB209	2					< 10.0	U	6					< 10.3	U
AG143	2					< 7.98	U	6					< 20.4	U
AG62	2					< 12.8	U	6					< 30.6	U
FB130	2					< 42.5	U	6					< 30.5	U
FB372	2					< 11.5	U	6					< 21.6	U
All Puyallup CB Locations	3					< 8.79	U	12					< 29.2	U
All Puyallup RB Locations	4					< 9.03	U	12					< 9.09	U
All Puyallup AG Locations	4					< 11.3	U	12					< 27.0	U
All Puyallup FB Locations	4					< 15.6	U	12					< 22.9	U
All Puyallup Locations	15					< 10.8	U	48					< 21.9	U
All Monitoring Locations Combined														
All CB Locations	6					< 9.95	U	24					< 38.6	U
All RB Locations	8					< 15.7	U	24					< 20.2	U
All AG Locations	8					< 12.6	U	24					< 23.4	U
All FB Locations	8					< 41.8	U	24					< 40.5	U
All Locations	30					< 24.2	U	96					< 34.5	U

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-27. Absolute and unit area toxic chemical loading estimates for triclopyr for the Phase 3 study of toxics in surface runoff to Puget Sound

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 19.5	U	6	24.4	25.1	26.6	27.9	28.3	E
CBX	1			2.54				6	23.5	23.9	24.3	26.2	68.5	E
RB111	2					< 10.5	U	6	11.1	11.5	13.3	19.5	111	
RB202	2					< 40.2	U	6	17.7	19.0	19.6	55.0	61.3	E
AG174	2					< 19.5	U	6	8.42	8.42	8.48	8.84	10.2	E
AGG	2	1.93		2.30		2.67	E	6	10.2	10.5	10.7	10.9	11.2	E
FB200	2					< 27.2	U	6					< 27.2	U
FB203	2					< 52.1	U	6					< 48.3	U
All Snohomish CB Locations	3	5.39	5.62	6.33	6.33	6.33	E	12	23.7	24.1	24.9	27.6	69.2	E
All Snohomish RB Locations	4					< 22.4	U	12	13.6	14.1	15.0	33.0	136	
All Snohomish AG Locations	4	4.69	5.61	6.51	6.51	6.51	E	12	9.00	9.37	9.52	9.77	11.5	E
All Snohomish FB Locations	4					< 49.8	U	12					< 46.3	U
All Snohomish Locations	15	11.9	16.6	16.6	16.6	17.7	E	48	17.1	18.7	19.0	19.6	171	E
Puyallup Watershed														
CBA	2	4.73		5.52		6.28	E	6	13.0	17.4	20.5	34.2	52.1	
CBB	1			1.73				6	9.47	9.47	11.3	15.5	17.1	E
RB53	2					< 7.32	U	6	3.23	3.52	3.54	4.50	12.7	E
RB209	2					< 10.0	U	6	4.89	4.89	5.05	5.13	5.45	E
AG143	2	4.86		49.8		94.8		6	10.0	10.2	12.8	23.0	158	
AG62	2					< 12.8	U	6	14.8	14.8	14.9	15.3	68.0	E
FB130	2					< 42.5	U	6	9.85	15.0	16.8	24.1	207	
FB372	2					< 11.5	U	6					< 21.6	U
All Puyallup CB Locations	3	3.26	3.53	4.32	5.12	5.39	E	12	10.8	13.9	16.5	23.6	43.2	
All Puyallup RB Locations	4					< 9.03	U	12	3.98	4.33	4.43	4.69	15.6	E
All Puyallup AG Locations	4	5.49	5.49	6.20	70.7	135	E	12	13.1	13.1	13.4	24.2	206	E
All Puyallup FB Locations	4					< 15.6	U	12	7.17	10.9	11.2	12.2	151	E
All Puyallup Locations	15	3.87	5.13	5.22	5.35	128	E	48	6.73	10.3	10.6	14.1	161	E
All Monitoring Locations Combined														
All CB Locations	6	3.69	4.17	4.89	4.89	6.10	E	24	13.0	16.8	17.5	22.8	52.1	E
All RB Locations	8					< 15.7	U	24	8.69	9.37	9.62	11.9	86.9	
All AG Locations	8	4.33	6.00	6.04	6.88	149	E	24	10.6	11.1	11.3	12.2	175	E
All FB Locations	8					< 41.8	U	24	12.6	19.3	19.6	20.2	265	E
All Locations	30	8.19	11.4	11.4	11.5	283	E	96	9.73	14.8	15.1	17.3	234	E

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-28. Absolute and unit area toxic chemical loading estimates for aluminum dissolved for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	0							1					< 39300	U
CBX	0							1			44700			
RB111	0							1					< 19800	U
RB202	0							1			43600			
AG174	0							0						
AGG	0							0						
FB200	0							1					< 21200	U
FB203	0							1					< 37700	U
All Snohomish CB Locations	0							2	19400		31900		45100	E
All Snohomish RB Locations	0							2	12100		22800		33500	E
All Snohomish AG Locations	0							0						
All Snohomish FB Locations	0							2					< 36200	U
All Snohomish Locations	0							6	15300	15300	15300	35500	42200	E
Puyallup Watershed														
CBA	0							1					< 27100	U
CBB	0							1					< 15500	U
RB53	0							1			15900			
RB209	0							1					< 8020	U
AG143	0							0						
AG62	0							0						
FB130	0							1			31000			
FB372	0							1			236000			
All Puyallup CB Locations	0							2					< 22500	U
All Puyallup RB Locations	0							2	3550		11600		19600	E
All Puyallup AG Locations	0							0						
All Puyallup FB Locations	0							2	22600		136000		250000	
All Puyallup Locations	0							6	8410	8410	14800	46400	234000	E
All Monitoring Locations Combined														
All CB Locations	0							4	13600	13600	13600	22300	31500	E
All RB Locations	0							4	7760	7760	14600	32000	42800	E
All AG Locations	0							0						
All FB Locations	0							4	15800	15800	27800	240000	441000	E
All Locations	0							12	12200	12200	12200	32100	339000	E

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-29. Absolute and unit area toxic chemical loading estimates for aluminum total for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	0							1			553000			
CBX	0							1			1670000			
RB111	0							1			587000			
RB202	0							1			923000			
AG174	0							0						
AGG	0							0						
FB200	0							1			3140000			
FB203	0							1			700000			
All Snohomish CB Locations	0							2	548000		1120000		1690000	
All Snohomish RB Locations	0							2	708000		713000		718000	
All Snohomish AG Locations	0							0						
All Snohomish FB Locations	0							2	671000		3010000		5350000	
All Snohomish Locations	0							6	431000	568000	900000	1330000	4530000	
Puyallup Watershed														
CBA	0							1			917000			
CBB	0							1			132000			
RB53	0							1			153000			
RB209	0							1			28900			
AG143	0							0						
AG62	0							0						
FB130	0							1			507000			
FB372	0							1			227000			
All Puyallup CB Locations	0							2	192000		476000		760000	
All Puyallup RB Locations	0							2	25600		107000		189000	
All Puyallup AG Locations	0							0						
All Puyallup FB Locations	0							2	241000		305000		369000	
All Puyallup Locations	0							6	60600	143000	286000	447000	569000	
All Monitoring Locations Combined														
All CB Locations	0							4	231000	307000	650000	1050000	1180000	
All RB Locations	0							4	55800	234000	433000	456000	459000	
All AG Locations	0							0						
All FB Locations	0							4	425000	506000	619000	2660000	4680000	
All Locations	0							12	87600	335000	574000	771000	3600000	

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-30. Absolute and unit area toxic chemical loading estimates for arsenic dissolved for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2	500		506		509		6	495	542	605	786	794	
CBX	1			292				6	370	477	624	747	1120	
RB111	2	110		133		155		6	210	214	250	290	298	
RB202	2	299		344		389		6	31.6	291	322	379	455	
AG174	2	429		438		445		6	309	320	356	412	431	
AGG	2	153		167		182		6	508	511	610	617	802	
FB200	2	192		326		460		6	97.6	123	136	157	259	
FB203	2	231		265		291		6	143	158	166	189	332	
All Snohomish CB Locations	3	324	326	330	548	620		12	373	513	607	770	1130	
All Snohomish RB Locations	4	158	183	220	282	331		12	24.3	243	281	335	364	
All Snohomish AG Locations	4	286	292	335	407	444		12	347	400	459	540	710	
All Snohomish FB Locations	4	220	253	310	595	840		12	137	159	195	260	441	
All Snohomish Locations	15	147	272	559	858	1620		48	30.6	275	410	698	1400	
Puyallup Watershed														
CBA	2	204		210		218		6	212	217	309	326	537	
CBB	1			26.3				6	109	168	174	205	236	
RB53	2	450		731		1010		6	87.6	119	130	259	356	
RB209	2	84.7		89.4		94.1		6	75.4	83.4	89.8	94.6	96.2	
AG143	2	102		131		160		6	187	197	227	257	385	
AG62	2	120		128		136		6	180	199	257	330	384	
FB130	2	144		192		240		6	73.9	83.8	103	118	118	
FB372	2	61.0		64.7		68.4		6	94.6	108	115	125	159	
All Puyallup CB Locations	3	82.2	96.4	140	147	150		12	157	211	252	283	445	
All Puyallup RB Locations	4	76.2	80.4	310	873	1210		12	66.7	79.5	96.6	160	439	
All Puyallup AG Locations	4	103	110	131	186	227		12	159	227	262	330	502	
All Puyallup FB Locations	4	52.7	67.7	85.3	90.3	92.8		12	53.8	75.3	93.2	122	168	
All Puyallup Locations	15	35.4	69.0	101	175	1440		48	50.5	124	188	242	1040	
All Monitoring Locations Combined														
All CB Locations	6	93.0	159	210	255	480		24	190	304	348	472	787	
All RB Locations	8	111	137	154	573	2070		24	15.5	164	186	233	959	
All AG Locations	8	114	146	258	309	409		24	135	223	416	540	836	
All FB Locations	8	142	202	229	270	695		24	94.8	133	164	215	386	
All Locations	30	78.2	171	279	518	3200		96	24.3	185	292	423	1500	

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

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U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-31. Absolute and unit area toxic chemical loading estimates for arsenic total for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2	471		471		471		6	637	660	723	778	864	
CBX	1			281				6	662	778	893	985	1790	
RB111	2	113		128		142		6	242	282	302	361	425	
RB202	2	344		344		344		6	386	405	619	702	898	
AG174	2	486		509		531		6	329	514	583	688	815	
AGG	2	186		198		211		6	620	624	680	837	1270	
FB200	2	223		388		553		6	123	140	166	225	2010	
FB203	2	273		291		308		6	143	181	196	279	551	
All Snohomish CB Locations	3	305	305	305	525	597		12	630	669	778	902	1810	
All Snohomish RB Locations	4	183	183	214	272	303		12	296	325	408	509	689	
All Snohomish AG Locations	4	324	339	403	482	514		12	369	565	624	757	1130	
All Snohomish FB Locations	4	261	277	351	710	1010		12	137	188	246	347	3420	
All Snohomish Locations	15	174	288	673	880	1560		48	116	379	606	1080	2900	
Puyallup Watershed														
CBA	2	222		231		241		6	412	440	657	673	684	
CBB	1			25.9				6	143	186	196	245	251	
RB53	2	413		693		973		6	116	137	154	257	262	
RB209	2	84.7		87.8		89.4		6	85.0	93.0	96.2	109	125	
AG143	2	105		128		152		6	184	187	240	293	382	
AG62	2	122		122		122		6	175	189	248	316	427	
FB130	2	178		219		260		6	118	177	217	241	532	
FB372	2	61.0		64.7		66.5		6	60.8	101	115	132	406	
All Puyallup CB Locations	3	80.8	99.2	153	163	166		12	207	283	360	544	567	
All Puyallup RB Locations	4	76.2	79.0	288	828	1160		12	75.3	85.2	126	190	322	
All Puyallup AG Locations	4	104	104	126	182	216		12	154	219	245	378	498	
All Puyallup FB Locations	4	65.2	75.3	87.8	92.8	95.3		12	64.5	108	140	172	430	
All Puyallup Locations	15	43.8	70.7	99.3	194	1390		48	60.6	158	212	353	764	
All Monitoring Locations Combined														
All CB Locations	6	91.4	173	212	236	462		24	250	434	500	652	1270	
All RB Locations	8	128	128	152	527	1980		24	164	192	264	357	704	
All AG Locations	8	116	140	269	372	474		24	131	208	427	734	1320	
All FB Locations	8	175	216	243	297	837		24	114	171	234	303	2990	
All Locations	30	96.8	197	287	548	3070		96	87.6	258	394	584	2300	

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-32. Absolute and unit area toxic chemical loading estimates for barium dissolved for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	0							1			2370			
CBX	0							1			8470			
RB111	0							1			7070			
RB202	0							1			4240			
AG174	0							0						
AGG	0							0						
FB200	0							1			2100			
FB203	0							1			5200			
All Snohomish CB Locations	0							2	2350		5450		8560	
All Snohomish RB Locations	0							2	3260		5940		8640	
All Snohomish AG Locations	0							0						
All Snohomish FB Locations	0							2	3580		4280		4980	
All Snohomish Locations	0							6	1850	3030	4160	6730	10900	
Puyallup Watershed														
CBA	0							1			1270			
CBB	0							1			2060			
RB53	0							1			1890			
RB209	0							1			848			
AG143	0							0						
AG62	0							0						
FB130	0							1			14000			
FB372	0							1			4360			
All Puyallup CB Locations	0							2	1050		2020		2980	
All Puyallup RB Locations	0							2	751		1540		2330	
All Puyallup AG Locations	0							0						
All Puyallup FB Locations	0							2	4620		7420		10200	
All Puyallup Locations	0							6	787	1780	3280	5520	9590	
All Monitoring Locations Combined														
All CB Locations	0							4	1270	1460	2620	4790	5970	
All RB Locations	0							4	1640	1860	3590	5310	5520	
All AG Locations	0							0						
All FB Locations	0							4	3130	3740	6250	13100	18000	
All Locations	0							12	1140	2490	3310	7130	13900	

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-33. Absolute and unit area toxic chemical loading estimates for barium total for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (g/km ² /year)													
Baseflow							Storm Event						
n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed													
CB335	0						1			6920			
CBX	0						1			19600			
RB111	0						1			9800			
RB202	0						1			10400			
AG174	0						0						
AGG	0						0						
FB200	0						1			33700			
FB203	0						1			9660			
All Snohomish CB Locations	0						2	6840		13300			19800
All Snohomish RB Locations	0						2	7960		9970			12000
All Snohomish AG Locations	0						0						
All Snohomish FB Locations	0						2	9260		33300			57400
All Snohomish Locations	0						6	5390	7830	12600	15600		48600
Puyallup Watershed													
CBA	0						1			5590			
CBB	0						1			2980			
RB53	0						1			2880			
RB209	0						1			1030			
AG143	0						0						
AG62	0						0						
FB130	0						1			23600			
FB372	0						1			2090			
All Puyallup CB Locations	0						2	4320		4480			4630
All Puyallup RB Locations	0						2	916		2230			3550
All Puyallup AG Locations	0						0						
All Puyallup FB Locations	0						2	2210		9670			17100
All Puyallup Locations	0						6	2080	2170	3350	8410		16100
All Monitoring Locations Combined													
All CB Locations	0						4	4780	5000	5400	9720		13800
All RB Locations	0						4	2000	3540	6380	7710		7760
All AG Locations	0						0						
All FB Locations	0						4	3900	6000	19200	40200		50200
All Locations	0						12	3000	4480	7100	12300		38600

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-34. Absolute and unit area toxic chemical loading estimates for beryllium dissolved for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (g/km ² /year)														
Baseflow								Storm Event						
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	0							1					< 78.6	U
CBX	0							1					< 77.0	U
RB111	0							1					< 39.7	U
RB202	0							1					< 63.2	U
AG174	0							0						
AGG	0							0						
FB200	0							1					< 42.4	U
FB203	0							1					< 75.5	U
All Snohomish CB Locations	0							2					< 77.8	U
All Snohomish RB Locations	0							2					< 48.5	U
All Snohomish AG Locations	0							0						
All Snohomish FB Locations	0							2					< 72.3	U
All Snohomish Locations	0							6					< 61.2	U
Puyallup Watershed														
CBA	0							1					< 54.3	U
CBB	0							1					< 31.0	U
RB53	0							1					< 11.5	U
RB209	0							1					< 16.0	U
AG143	0							0						
AG62	0							0						
FB130	0							1					< 49.3	U
FB372	0							1					< 33.8	U
All Puyallup CB Locations	0							2					< 45.0	U
All Puyallup RB Locations	0							2					< 14.2	U
All Puyallup AG Locations	0							0						
All Puyallup FB Locations	0							2					< 35.8	U
All Puyallup Locations	0							6					< 33.6	U
All Monitoring Locations Combined														
All CB Locations	0							4					< 54.3	U
All RB Locations	0							4					< 31.0	U
All AG Locations	0							0						
All FB Locations	0							4					< 63.2	U
All Locations	0							12					< 48.7	U

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-35. Absolute and unit area toxic chemical loading estimates for beryllium total for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (g/km ² /year)													
Baseflow							Storm Event						
n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed													
CB335	0						1					< 78.6	U
CBX	0						1					< 77.0	U
RB111	0						1					< 39.7	U
RB202	0						1					< 63.2	U
AG174	0						0						
AGG	0						0						
FB200	0						1					< 42.4	U
FB203	0						1					< 75.5	U
All Snohomish CB Locations	0						2					< 77.8	U
All Snohomish RB Locations	0						2					< 48.5	U
All Snohomish AG Locations	0						0						
All Snohomish FB Locations	0						2					< 72.3	U
All Snohomish Locations	0						6					< 61.2	U
Puyallup Watershed													
CBA	0						1					< 54.3	U
CBB	0						1					< 31.0	U
RB53	0						1					< 11.5	U
RB209	0						1					< 16.0	U
AG143	0						0						
AG62	0						0						
FB130	0						1					< 49.3	U
FB372	0						1					< 33.8	U
All Puyallup CB Locations	0						2					< 45.0	U
All Puyallup RB Locations	0						2					< 14.2	U
All Puyallup AG Locations	0						0						
All Puyallup FB Locations	0						2					< 35.8	U
All Puyallup Locations	0						6					< 33.6	U
All Monitoring Locations Combined													
All CB Locations	0						4					< 54.3	U
All RB Locations	0						4					< 31.0	U
All AG Locations	0						0						
All FB Locations	0						4					< 63.2	U
All Locations	0						12					< 48.7	U

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-36. Absolute and unit area toxic chemical loading estimates for cadmium dissolved for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2	9.61		9.61		9.61		6	62.9	70.7	78.6	78.6	102	
CBX	1			2.93				6	7.70	15.4	23.1	23.1	30.8	
RB111	2					< 3.23	U	6					< 7.94	U
RB202	2					< 13.0	U	6					< 12.6	U
AG174	2					< 6.40	U	6	2.76	2.76	5.52	5.52	8.29	
AGG	2					< 1.75	U	6	3.50	3.50	3.50	7.01	17.5	E
FB200	2					< 8.92	U	6					< 8.49	U
FB203	2					< 17.1	U	6					< 15.1	U
All Snohomish CB Locations	3	6.22	6.22	6.22	6.22	6.22		12	7.78	23.3	46.7	77.8	101	
All Snohomish RB Locations	4					< 6.89	U	12					< 9.70	U
All Snohomish AG Locations	4					< 4.27	U	12	3.10	3.10	3.10	6.20	15.5	E
All Snohomish FB Locations	4					< 16.3	U	12					< 14.5	U
All Snohomish Locations	15	5.43	5.43	5.43	5.43	16.3	E	48	6.12	6.12	6.12	18.4	79.6	E
Puyallup Watershed														
CBA	2	2.06		4.12		4.12	E	6	5.43	10.9	16.3	16.3	27.1	
CBB	1					< 0.908	U	6	9.31	9.31	9.31	12.4	15.5	
RB53	2					< 2.36	U	6					< 2.31	U
RB209	2					< 3.14	U	6					< 3.21	U
AG143	2					< 2.49	U	6	3.29	6.58	9.87	13.2	19.7	
AG62	2					< 4.13	U	6					< 9.71	U
FB130	2					< 13.7	U	6					< 9.85	U
FB372	2					< 3.70	U	6					< 6.76	U
All Puyallup CB Locations	3	1.42	1.42	1.42	2.84	2.84	E	12	4.50	13.5	13.5	18.0	22.5	
All Puyallup RB Locations	4					< 2.82	U	12					< 2.84	U
All Puyallup AG Locations	4					< 3.54	U	12	4.29	4.29	4.29	12.9	25.7	E
All Puyallup FB Locations	4					< 5.02	U	12					< 7.17	U
All Puyallup Locations	15	1.68	1.68	1.68	1.68	3.37	E	48	3.36	3.36	3.36	10.1	20.2	E
All Monitoring Locations Combined														
All CB Locations	6	1.60	1.60	3.21	4.81	4.81		24	5.43	16.3	16.3	32.6	70.6	
All RB Locations	8					< 4.82	U	24					< 6.21	U
All AG Locations	8					< 3.93	U	24	3.65	3.65	3.65	7.30	21.9	E
All FB Locations	8					< 13.5	U	24					< 12.6	U
All Locations	30	3.72	3.72	3.72	3.72	11.2	E	96	4.87	4.87	4.87	14.6	63.3	E

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-37. Absolute and unit area toxic chemical loading estimates for cadmium total for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 32.0	U	6	86.4	110	126	126	134	
CBX	1					< 9.75	U	6					< 77.0	U
RB111	2					< 16.2	U	6					< 39.7	U
RB202	2					< 64.9	U	6					< 63.2	U
AG174	2					< 32.0	U	6					< 27.6	U
AGG	2					< 8.76	U	6					< 35.0	U
FB200	2					< 44.6	U	6					< 42.4	U
FB203	2					< 85.5	U	6					< 75.5	U
All Snohomish CB Locations	3					< 20.7	U	12	38.9	38.9	62.2	124	132	E
All Snohomish RB Locations	4					< 34.5	U	12					< 48.5	U
All Snohomish AG Locations	4					< 21.3	U	12					< 31.0	U
All Snohomish FB Locations	4					< 81.6	U	12					< 72.3	U
All Snohomish Locations	15					< 54.3	U	48	30.6	30.6	30.6	30.6	104	E
Puyallup Watershed														
CBA	2					< 20.6	U	6	27.1	27.1	27.1	86.8	97.7	E
CBB	1					< 4.54	U	6					< 31.0	U
RB53	2					< 11.8	U	6					< 11.5	U
RB209	2					< 15.7	U	6					< 16.0	U
AG143	2					< 12.5	U	6					< 32.9	U
AG62	2					< 20.7	U	6					< 48.6	U
FB130	2					< 68.5	U	6					< 49.3	U
FB372	2					< 18.5	U	6					< 33.8	U
All Puyallup CB Locations	3					< 14.2	U	12	22.5	22.5	22.5	22.5	81.0	E
All Puyallup RB Locations	4					< 14.1	U	12					< 14.2	U
All Puyallup AG Locations	4					< 17.7	U	12					< 42.9	U
All Puyallup FB Locations	4					< 25.1	U	12					< 35.8	U
All Puyallup Locations	15					< 16.8	U	48	16.8	16.8	16.8	16.8	60.6	E
All Monitoring Locations Combined														
All CB Locations	6					< 16.0	U	24	27.1	27.1	27.1	81.4	97.7	E
All RB Locations	8					< 24.1	U	24					< 31.0	U
All AG Locations	8					< 19.7	U	24					< 36.5	U
All FB Locations	8					< 67.5	U	24					< 63.2	U
All Locations	30					< 37.2	U	96	24.3	24.3	24.3	24.3	87.6	E

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-38. Absolute and unit area toxic chemical loading estimates for cobalt dissolved for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	0							1					< 78.6	U
CBX	0							1			77.0			
RB111	0							1			39.7			
RB202	0							1			101			
AG174	0							0						
AGG	0							0						
FB200	0							1					< 42.4	U
FB203	0							1					< 75.5	U
All Snohomish CB Locations	0							2	38.9		62.2		77.8	E
All Snohomish RB Locations	0							2	48.5		63.1		77.6	
All Snohomish AG Locations	0							0						
All Snohomish FB Locations	0							2					< 72.3	U
All Snohomish Locations	0							6	30.6	30.6	49.0	61.2	97.9	E
Puyallup Watershed														
CBA	0							1			92.3			
CBB	0							1					< 31.0	U
RB53	0							1			20.7			
RB209	0							1			51.3			
AG143	0							0						
AG62	0							0						
FB130	0							1			729			
FB372	0							1			196			
All Puyallup CB Locations	0							2	22.5		49.5		76.5	E
All Puyallup RB Locations	0							2	25.6		35.5		45.4	
All Puyallup AG Locations	0							0						
All Puyallup FB Locations	0							2	208		369		531	
All Puyallup Locations	0							6	16.8	57.2	84.1	195	498	
All Monitoring Locations Combined														
All CB Locations	0							4	27.1	27.1	43.4	76.0	92.3	E
All RB Locations	0							4	31.0	40.3	52.7	77.6	99.3	
All AG Locations	0							0						
All FB Locations	0							4	31.6	31.6	196	651	936	E
All Locations	0							12	24.3	24.3	63.3	122	720	

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-39. Absolute and unit area toxic chemical loading estimates for cobalt total for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	0							1			401			
CBX	0							1			801			
RB111	0							1			191			
RB202	0							1			506			
AG174	0							0						
AGG	0							0						
FB200	0							1			2200			
FB203	0							1			370			
All Snohomish CB Locations	0							2	397		599		809	
All Snohomish RB Locations	0							2	233		311		388	
All Snohomish AG Locations	0							0						
All Snohomish FB Locations	0							2	354		2050		3750	
All Snohomish Locations	0							6	294	300	398	637	3170	
Puyallup Watershed														
CBA	0							1			461			
CBB	0							1			68.3			
RB53	0							1			69.2			
RB209	0							1			60.9			
AG143	0							0						
AG62	0							0						
FB130	0							1			2560			
FB372	0							1			67.6			
All Puyallup CB Locations	0							2	99.0		243		382	
All Puyallup RB Locations	0							2	54.0		69.6		85.2	
All Puyallup AG Locations	0							0						
All Puyallup FB Locations	0							2	71.7		968		1860	
All Puyallup Locations	0							6	67.3	74.0	165	286	1750	
All Monitoring Locations Combined														
All CB Locations	0							4	119	201	369	510	565	
All RB Locations	0							4	118	133	168	217	248	
All AG Locations	0							0						
All FB Locations	0							4	126	215	1800	3280	3290	
All Locations	0							12	97.3	209	272	457	2530	

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-40. Absolute and unit area toxic chemical loading estimates for copper dissolved for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2	240		263		288		6	1660	1660	1870	2290	2370	
CBX	1			141				6	1650	1720	1820	2600	2620	
RB111	2	97.0		112		126		6	294	306	361	421	476	
RB202	2	435		454		474		6	31.6	619	923	1060	1500	
AG174	2	333		461		592		6	840	1010	1240	1410	1640	
AGG	2	59.6		71.0		81.5		6	511	676	736	1120	1210	
FB200	2	156		219		277		6	149	170	183	195	382	
FB203	2	308		316		325		6	309	347	370	438	543	
All Snohomish CB Locations	3	156	164	187	272	301		12	1640	1700	1840	2310	2640	
All Snohomish RB Locations	4	207	217	241	258	269		12	24.3	383	505	708	1150	
All Snohomish AG Locations	4	145	173	211	307	395		12	453	651	1030	1390	1840	
All Snohomish FB Locations	4	285	294	302	408	506		12	253	296	333	390	651	
All Snohomish Locations	15	190	331	396	500	1000		48	30.6	447	1100	1650	3620	
Puyallup Watershed														
CBA	2	296		331		364		6	668	733	879	1100	1110	
CBB	1			139				6	562	745	826	937	1200	
RB53	2	47.2		66.1		85.0		6	171	244	265	452	541	
RB209	2	59.6		64.3		69.0		6	99.4	103	130	160	236	
AG143	2	989		1020		1060		6	2440	2680	2740	2990	3150	
AG62	2	275		304		333		6	1080	1600	1820	2040	2050	
FB130	2	288		322		363		6	158	192	217	227	251	
FB372	2	133		185		237		6	311	446	659	706	1340	
All Puyallup CB Locations	3	204	216	251	387	432		12	553	729	918	1200	1750	
All Puyallup RB Locations	4	53.6	55.0	59.3	81.8	102		12	88.0	115	210	327	666	
All Puyallup AG Locations	4	236	260	845	1450	1500		12	953	1610	2500	3580	4110	
All Puyallup FB Locations	4	105	118	156	251	321		12	115	158	258	699	1420	
All Puyallup Locations	15	64.0	77.4	215	291	1430		48	108	377	696	1310	3220	
All Monitoring Locations Combined														
All CB Locations	6	120	144	233	284	489		24	668	1110	1240	1550	2110	
All RB Locations	8	91.5	101	152	176	188		24	15.5	245	351	586	1460	
All AG Locations	8	134	195	289	962	1670		24	533	1140	1490	2440	3490	
All FB Locations	8	236	250	317	452	864		24	202	259	297	575	2500	
All Locations	30	130	197	276	536	3160		96	24.3	418	988	1520	4660	

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-41. Absolute and unit area toxic chemical loading estimates for copper total for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2	279		346		410		6	2370	2810	3020	3390	3840	
CBX	1			167				6	2690	3470	3740	4170	5270	
RB111	2	116		129		142		6	460	564	718	881	3930	
RB202	2	565		604		643		6	1010	1240	1900	2470	2710	
AG174	2	416		557		694		6	939	1650	1970	2130	2470	
AGG	2	71.0		83.2		94.6		6	757	788	963	1320	1380	
FB200	2	192		259		326		6	204	225	242	301	3880	
FB203	2	410		470		521		6	407	528	581	1320	2750	
All Snohomish CB Locations	3	180	201	265	332	355		12	2350	2870	3430	3800	5320	
All Snohomish RB Locations	4	248	276	303	324	341		12	563	742	1070	1800	4810	
All Snohomish AG Locations	4	173	203	254	371	463		12	670	853	1200	2210	2770	
All Snohomish FB Locations	4	351	367	449	547	595		12	347	383	506	918	6620	
All Snohomish Locations	15	234	391	472	668	1180		48	294	937	2110	2860	6070	
Puyallup Watershed														
CBA	2	422		438		457		6	1440	1690	1850	2550	2930	
CBB	1			156				6	851	978	1150	1470	1830	
RB53	2	73.2		95.6		118		6	254	319	376	418	682	
RB209	2	100		124		149		6	173	178	194	249	526	
AG143	2	1150		1160		1160		6	3040	3060	3260	3550	3980	
AG62	2	320		349		380		6	1290	1980	2220	2360	2690	
FB130	2	404		425		452		6	251	305	404	498	946	
FB372	2	155		222		288		6	375	592	764	1000	3480	
All Puyallup CB Locations	3	291	296	315	444	488		12	1190	1410	1630	2120	2650	
All Puyallup RB Locations	4	87.5	88.9	111	138	141		12	153	172	354	483	841	
All Puyallup AG Locations	4	274	299	979	1640	1650		12	1140	1960	3170	4250	5190	
All Puyallup FB Locations	4	148	156	188	301	391		12	183	294	513	810	3690	
All Puyallup Locations	15	99.3	118	261	367	1570		48	172	619	1070	1610	4070	
All Monitoring Locations Combined														
All CB Locations	6	140	205	302	356	552		24	1440	1810	2090	2640	3710	
All RB Locations	8	149	164	212	234	241		24	335	444	686	1090	3070	
All AG Locations	8	159	234	332	1120	1840		24	788	1310	1890	3320	4420	
All FB Locations	8	290	358	425	526	1050		24	303	392	518	1250	6510	
All Locations	30	160	268	361	637	3480		96	234	813	1580	2320	5890	

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-42. Absolute and unit area toxic chemical loading estimates for lead dissolved for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2	3.20		6.41		9.61	E	6	94.3	110	134	157	228	
CBX	1			9.75				6	108	139	162	200	200	
RB111	2	16.2		17.8		19.4		6	23.8	23.8	35.7	39.7	51.6	
RB202	2	26.0		32.5		32.5		6	6.32	101	120	139	152	
AG174	2	19.2		19.2		19.2		6	24.9	30.4	38.7	44.2	44.2	
AGG	2	0.876		1.75		2.63	E	6	14.0	17.5	31.5	35.0	38.5	
FB200	2	17.8		26.8		35.7		6	17.0	21.2	21.2	25.5	25.5	
FB203	2					< 17.1	U	6	22.6	22.6	30.2	52.8	121	
All Snohomish CB Locations	3	2.07	2.07	6.22	16.6	20.7		12	93.3	124	140	194	226	
All Snohomish RB Locations	4	13.8	17.2	27.6	37.9	41.3		12	4.85	38.8	53.4	92.2	116	
All Snohomish AG Locations	4	2.13	4.27	8.53	12.8	12.8		12	12.4	27.9	34.1	43.4	49.6	
All Snohomish FB Locations	4	8.16	8.16	24.5	48.9	65.3	E	12	21.7	28.9	36.2	43.4	116	
All Snohomish Locations	15	5.43	5.43	21.7	43.4	65.2		48	6.12	36.7	67.3	104	178	
Puyallup Watershed														
CBA	2	45.3		47.3		47.3		6	70.6	92.3	103	185	185	
CBB	1			23.2				6	90.0	165	199	214	227	
RB53	2	4.72		4.72		4.72		6	6.92	9.22	13.8	15.0	23.1	
RB209	2	4.71		4.71		6.27		6	6.41	8.02	16.0	22.4	25.7	
AG143	2	9.97		12.5		15.0		6	19.7	23.0	36.2	49.3	49.3	
AG62	2	6.20		6.20		8.26		6	34.0	38.8	53.4	63.1	72.8	
FB130	2	6.85		13.7		20.6	E	6	4.93	4.93	4.93	14.8	29.6	E
FB372	2	1.85		3.70		7.39	E	6	10.1	13.5	30.4	33.8	162	
All Puyallup CB Locations	3	31.2	32.6	32.6	62.4	72.3		12	58.5	85.5	153	288	328	
All Puyallup RB Locations	4	4.23	4.23	5.64	5.64	5.64		12	5.68	9.94	17.0	19.9	28.4	
All Puyallup AG Locations	4	5.31	5.31	10.6	17.7	21.3		12	25.7	34.3	47.2	60.1	64.4	
All Puyallup FB Locations	4	2.51	2.51	5.02	7.53	10.0	E	12	3.58	3.58	14.3	32.3	172	
All Puyallup Locations	15	1.68	5.05	6.73	18.5	85.9		48	3.36	23.6	43.7	57.2	246	
All Monitoring Locations Combined														
All CB Locations	6	1.60	4.81	25.7	36.9	81.8		24	65.2	92.3	125	185	396	
All RB Locations	8	7.22	9.63	9.63	19.3	28.9		24	3.10	21.7	37.2	49.6	74.5	
All AG Locations	8	1.97	5.90	9.83	13.8	23.6		24	14.6	29.2	40.1	51.1	58.4	
All FB Locations	8	6.75	6.75	13.5	27.0	54.0	E	24	6.32	19.0	31.6	44.2	303	
All Locations	30	3.72	11.2	14.9	29.8	190		96	4.87	29.2	58.4	82.7	355	

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-43. Absolute and unit area toxic chemical loading estimates for lead total for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (g/km ² /year)													
Baseflow							Storm Event						
n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed													
CB335	2				< 32.0	U	6	220	566	849	1190	1340	
CBX	1		13.7				6	701	962	1420	1920	2320	
RB111	2	25.9		27.5		29.1	6	119	143	187	298	393	
RB202	2	71.4		84.4		97.4	6	284	316	714	942	1290	
AG174	2	41.6		41.6		44.8	6	13.8	141	243	334	519	
AGG	2					< 8.76	U	6	17.5	56.0	87.6	91.1	123
FB200	2	22.3		40.2		53.5	E	6	21.2	21.2	46.7	63.7	1040
FB203	2	42.7		76.9		120	E	6	37.7	37.7	60.4	128	392 E
All Snohomish CB Locations	3	10.4	10.4	10.4	24.9	29.0	E	12	218	661	1060	1560	2340
All Snohomish RB Locations	4	37.9	44.8	55.1	58.6	62.0		12	146	209	311	558	990
All Snohomish AG Locations	4	10.7	10.7	19.2	27.7	29.9	E	12	15.5	62.0	96.2	273	583
All Snohomish FB Locations	4	40.8	40.8	73.4	106	114	E	12	36.2	36.2	79.5	116	1770
All Snohomish Locations	15	27.2	27.2	65.2	76.0	97.8		48	30.6	97.9	312	783	1840
Puyallup Watershed													
CBA	2	82.3		90.6		101		6	412	575	1020	1860	1870
CBB	1			33.6				6	363	537	729	875	1130
RB53	2	15.4		15.4		16.5		6	25.4	38.0	85.3	120	128
RB209	2	26.7		50.2		73.7		6	40.1	51.3	67.3	94.6	234
AG143	2	22.4		26.2		28.7		6	52.6	55.9	95.4	197	214
AG62	2					< 20.7	U	6	87.4	87.4	136	238	257
FB130	2					< 68.5	U	6	24.6	54.2	73.9	98.5	251
FB372	2					< 18.5	U	6	16.9	47.3	50.7	67.6	710
All Puyallup CB Locations	3	56.7	59.5	69.5	96.4	105		12	342	634	913	1400	1640
All Puyallup RB Locations	4	18.3	18.3	22.6	45.1	66.3		12	31.2	45.4	68.2	142	207
All Puyallup AG Locations	4	8.85	8.85	21.3	37.2	40.7	E	12	68.7	77.2	124	219	279
All Puyallup FB Locations	4					< 25.1	U	12	17.9	43.0	53.8	71.7	753
All Puyallup Locations	15	8.42	8.42	23.6	60.6	125		48	16.8	63.9	161	384	1220
All Monitoring Locations Combined													
All CB Locations	6	8.02	8.02	43.3	78.6	119		24	152	608	912	1410	1980
All RB Locations	8	26.5	31.3	38.5	43.3	113		24	68.3	115	161	313	633
All AG Locations	8	9.83	9.83	17.7	31.5	45.2	E	24	18.2	65.7	113	204	686
All FB Locations	8	33.7	33.7	33.7	60.7	94.5	E	24	31.6	31.6	82.2	120	1550
All Locations	30	18.6	18.6	48.4	63.3	276		96	24.3	87.6	243	599	1770

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-44. Absolute and unit area toxic chemical loading estimates for manganese dissolved for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	0							1					< 7860	U
CBX	0							1					< 7700	U
RB111	0							1			4760			
RB202	0							1			21500			
AG174	0							0						
AGG	0							0						
FB200	0							1			22900			
FB203	0							1			19600			
All Snohomish CB Locations	0							2					< 7780	U
All Snohomish RB Locations	0							2	5820		11200		16500	
All Snohomish AG Locations	0							0						
All Snohomish FB Locations	0							2	18800		28900		39000	
All Snohomish Locations	0							6	3060	3060	11600	20800	33100	
Puyallup Watershed														
CBA	0							1			16800			
CBB	0							1			4970			
RB53	0							1			2770			
RB209	0							1			14900			
AG143	0							0						
AG62	0							0						
FB130	0							1			166000			
FB372	0							1			16900			
All Puyallup CB Locations	0							2	7200		10300		13900	
All Puyallup RB Locations	0							2	3410		8240		13200	
All Puyallup AG Locations	0							0						
All Puyallup FB Locations	0							2	17900		69500		121000	
All Puyallup Locations	0							6	5380	8070	13800	31300	113000	
All Monitoring Locations Combined														
All CB Locations	0							4	2710	2710	5970	12500	16800	E
All RB Locations	0							4	3720	5580	9000	19900	28900	
All AG Locations	0							0						
All FB Locations	0							4	16400	24000	32900	124000	213000	
All Locations	0							12	2430	6810	14100	25300	164000	

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-45. Absolute and unit area toxic chemical loading estimates for manganese total for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	0							1			35400			
CBX	0							1			46200			
RB111	0							1			19500			
RB202	0							1			80900			
AG174	0							0						
AGG	0							0						
FB200	0							1			1010000			
FB203	0							1			76200			
All Snohomish CB Locations	0							2	35000		40800		46700	
All Snohomish RB Locations	0							2	23800		42900		62100	
All Snohomish AG Locations	0							0						
All Snohomish FB Locations	0							2	73000		901000		1730000	
All Snohomish Locations	0							6	27500	30000	49300	78300	1460000	
Puyallup Watershed														
CBA	0							1			41800			
CBB	0							1			10200			
RB53	0							1			7150			
RB209	0							1			15400			
AG143	0							0						
AG62	0							0						
FB130	0							1			379000			
FB372	0							1			3040			
All Puyallup CB Locations	0							2	14800		24700		34600	
All Puyallup RB Locations	0							2	8800		11200		13600	
All Puyallup AG Locations	0							0						
All Puyallup FB Locations	0							2	3230		139000		276000	
All Puyallup Locations	0							6	3030	11100	23400	32300	259000	
All Monitoring Locations Combined														
All CB Locations	0							4	17900	21200	28500	37200	41800	
All RB Locations	0							4	15200	17200	24500	34800	39700	
All AG Locations	0							0						
All FB Locations	0							4	5690	34800	275000	998000	1510000	
All Locations	0							12	4380	22900	33800	55700	1160000	

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-46. Absolute and unit area toxic chemical loading estimates for mercury dissolved for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 0.641	U	6	0.786	0.786	1.57	2.36	5.50	
CBX	1					< 0.195	U	6	1.54	2.31	3.08	3.08	4.62	
RB111	2	0.485		0.485		0.646		6	0.794	1.19	1.59	1.98	1.98	
RB202	2					< 1.30	U	6	0.632	3.16	3.79	4.42	4.42	
AG174	2	0.640		0.960		0.960		6	1.10	1.38	1.66	1.93	2.21	
AGG	2	0.175		0.175		0.175		6	1.40	1.75	2.10	2.80	3.85	
FB200	2					< 0.892	U	6	0.424	0.424	0.849	1.27	1.70	E
FB203	2					< 1.71	U	6	0.755	1.51	1.51	2.26	2.26	
All Snohomish CB Locations	3					< 0.415	U	12	0.778	1.56	2.33	3.11	5.44	
All Snohomish RB Locations	4	0.345	0.345	0.689	1.03	1.38	E	12	0.485	1.94	2.43	2.91	3.40	
All Snohomish AG Locations	4	0.427	0.427	0.427	0.640	0.640		12	1.24	1.55	1.86	2.48	3.41	
All Snohomish FB Locations	4					< 1.63	U	12	0.723	0.723	1.45	2.17	2.89	
All Snohomish Locations	15	0.543	0.543	0.543	1.09	2.17	E	48	0.612	1.22	2.45	3.67	6.73	
Puyallup Watershed														
CBA	2	0.823		0.823		1.03		6	0.543	1.09	2.17	3.26	4.88	
CBB	1			0.0908				6	0.931	0.931	0.931	1.24	1.55	
RB53	2	0.236		0.236				6	0.576	0.692	0.692	0.922	0.922	
RB209	2					< 0.314	U	6	0.160	0.160	0.160	0.160	0.481	E
AG143	2	0.997		1.25		1.50		6	2.30	2.30	3.95	5.59	7.57	
AG62	2	0.620		0.620		0.826		6	2.43	3.40	4.37	5.34	7.28	
FB130	2					< 1.37	U	6	0.493	0.493	0.493	0.493	1.48	E
FB372	2	0.370		0.739		0.924		6	1.35	2.37	3.72	6.08	6.76	
All Puyallup CB Locations	3	0.284	0.425	0.567	0.709	0.709		12	0.450	1.35	1.35	1.80	4.05	
All Puyallup RB Locations	4	0.141	0.141	0.282	0.282	0.282	E	12	0.142	0.142	0.568	0.852	1.14	
All Puyallup AG Locations	4	0.531	0.531	1.06	1.77	2.13		12	2.15	3.00	3.86	6.01	9.87	
All Puyallup FB Locations	4	0.251	0.251	0.502	1.00	1.25	E	12	0.358	0.358	1.08	3.94	7.17	
All Puyallup Locations	15	0.168	0.168	0.337	0.842	2.02		48	0.336	0.673	1.68	2.69	7.74	
All Monitoring Locations Combined														
All CB Locations	6	0.160	0.160	0.321	0.642	0.802	E	24	0.543	1.63	1.63	2.17	4.89	
All RB Locations	8	0.241	0.241	0.482	0.482	0.963	E	24	0.310	0.621	1.55	1.86	2.48	
All AG Locations	8	0.393	0.393	0.590	1.18	2.36		24	1.46	2.19	2.55	3.65	8.39	
All FB Locations	8	0.675	0.675	0.675	1.35	3.37	E	24	0.632	0.632	1.26	2.53	12.6	
All Locations	30	0.372	0.372	0.745	1.12	4.47		96	0.487	0.973	1.95	3.41	11.2	

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-47. Absolute and unit area toxic chemical loading estimates for mercury total for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2	0.641		0.641		0.641		6	2.36	3.14	3.93	4.72	11.0	
CBX	1			0.195				6	5.39	5.39	6.16	7.70	13.1	
RB111	2	0.646		0.646		0.808		6	1.98	1.98	2.78	3.57	3.57	
RB202	2	1.30		1.30		1.95		6	5.06	5.06	7.58	7.58	9.48	
AG174	2	1.28		1.28		1.28		6	1.93	2.49	3.31	3.31	5.25	
AGG	2	0.263		0.263		0.350		6	1.75	2.80	3.50	4.20	4.20	
FB200	2	0.446		0.892		0.892	E	6	0.849	0.849	1.27	1.27	10.2	
FB203	2	0.855		1.71		1.71	E	6	1.51	1.51	3.02	3.02	5.28	
All Snohomish CB Locations	3	0.415	0.415	0.415	0.415	0.415		12	2.33	3.89	5.44	7.00	13.2	
All Snohomish RB Locations	4	0.689	0.689	1.03	1.38	1.72		12	2.43	3.40	4.37	5.82	7.28	
All Snohomish AG Locations	4	0.640	0.640	0.853	0.853	0.853		12	1.55	2.48	3.41	3.72	5.89	
All Snohomish FB Locations	4	0.816	0.816	1.63	1.63	1.63	E	12	1.45	1.45	2.17	2.89	17.4	
All Snohomish Locations	15	0.543	1.09	1.09	2.17	2.72		48	1.22	2.45	4.28	6.73	14.7	
Puyallup Watershed														
CBA	2	1.03		1.24		1.44		6	2.17	3.26	4.88	4.88	4.88	
CBB	1			0.136				6	1.24	1.55	1.86	2.48	2.48	
RB53	2	0.354		0.472		0.590		6	0.807	0.807	0.922	1.38	1.61	
RB209	2	0.157		0.314		0.314	E	6	0.321	0.321	0.321	0.481	1.28	
AG143	2	1.37		1.62		1.99		6	3.29	4.28	4.28	5.92	7.57	
AG62	2	0.826		0.826		1.03		6	3.40	3.40	4.86	4.86	6.31	
FB130	2	0.685		1.37		2.06	E	6	0.493	1.48	1.48	1.97	4.43	
FB372	2	0.554		0.739		0.924		6	1.35	2.37	3.72	4.73	12.8	
All Puyallup CB Locations	3	0.425	0.425	0.709	0.851	0.992		12	1.80	2.25	3.15	4.05	4.05	
All Puyallup RB Locations	4	0.141	0.282	0.423	0.564	0.705		12	0.284	0.284	0.994	1.28	1.99	
All Puyallup AG Locations	4	0.708	0.708	1.42	2.30	2.83		12	3.00	4.29	4.72	6.01	9.87	
All Puyallup FB Locations	4	0.251	0.502	0.753	1.00	1.25		12	0.358	1.08	2.15	3.94	13.6	
All Puyallup Locations	15	0.168	0.505	0.673	0.842	2.69		48	0.336	1.35	2.69	3.36	12.8	
All Monitoring Locations Combined														
All CB Locations	6	0.321	0.321	0.321	0.802	1.12		24	1.63	2.71	3.80	4.89	9.23	
All RB Locations	8	0.241	0.482	0.722	0.963	1.20		24	0.621	1.55	2.48	3.10	4.65	
All AG Locations	8	0.590	0.787	0.787	1.57	3.15		24	1.82	3.28	4.01	4.74	8.39	
All FB Locations	8	0.675	0.675	1.35	2.02	3.37		24	0.632	1.90	2.53	5.06	24.0	
All Locations	30	0.372	0.745	1.12	1.86	5.96		96	0.487	1.95	3.89	5.35	18.5	

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-48. Absolute and unit area toxic chemical loading estimates for nickel dissolved for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	0							1			385			
CBX	0							1			1110			
RB111	0							1			266			
RB202	0							1			683			
AG174	0							0						
AGG	0							0						
FB200	0							1			233			
FB203	0							1			136			
All Snohomish CB Locations	0							2	381		754		1120	
All Snohomish RB Locations	0							2	325		427		524	
All Snohomish AG Locations	0							0						
All Snohomish FB Locations	0							2	130		268		398	
All Snohomish Locations	0							6	110	300	373	661	881	
Puyallup Watershed														
CBA	0							1			190			
CBB	0							1			189			
RB53	0							1			179			
RB209	0							1			178			
AG143	0							0						
AG62	0							0						
FB130	0							1			1170			
FB372	0							1			548			
All Puyallup CB Locations	0							2	157		216		274	
All Puyallup RB Locations	0							2	158		189		220	
All Puyallup AG Locations	0							0						
All Puyallup FB Locations	0							2	581		713		850	
All Puyallup Locations	0							6	118	205	447	545	797	
All Monitoring Locations Combined														
All CB Locations	0							4	190	228	299	559	782	
All RB Locations	0							4	208	273	341	413	481	
All AG Locations	0							0						
All FB Locations	0							4	114	234	689	1260	1500	
All Locations	0							12	87.6	253	428	730	1150	

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-49. Absolute and unit area toxic chemical loading estimates for nickel total for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	0							1			1880			
CBX	0							1			4130			
RB111	0							1			810			
RB202	0							1			1930			
AG174	0							0						
AGG	0							0						
FB200	0							1			7940			
FB203	0							1			996			
All Snohomish CB Locations	0							2	1860		3020		4170	
All Snohomish RB Locations	0							2	990		1240		1480	
All Snohomish AG Locations	0							0						
All Snohomish FB Locations	0							2	955		7240		13500	
All Snohomish Locations	0							6	808	1250	1660	3280	11400	
Puyallup Watershed														
CBA	0							1			722			
CBB	0							1			329			
RB53	0							1			330			
RB209	0							1			192			
AG143	0							0						
AG62	0							0						
FB130	0							1			2970			
FB372	0							1			395			
All Puyallup CB Locations	0							2	477		535		598	
All Puyallup RB Locations	0							2	170		288		406	
All Puyallup AG Locations	0							0						
All Puyallup FB Locations	0							2	419		1290		2160	
All Puyallup Locations	0							6	357	394	427	962	2030	
All Monitoring Locations Combined														
All CB Locations	0							4	576	646	1010	2110	2910	
All RB Locations	0							4	372	503	760	915	946	
All AG Locations	0							0						
All FB Locations	0							4	740	790	2320	7810	11800	
All Locations	0							12	516	613	1080	2040	9100	

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-50. Absolute and unit area toxic chemical loading estimates for selenium dissolved for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	0							1					< 393	U
CBX	0							1					< 385	U
RB111	0							1					< 198	U
RB202	0							1					< 316	U
AG174	0							0						
AGG	0							0						
FB200	0							1					< 212	U
FB203	0							1					< 377	U
All Snohomish CB Locations	0							2					< 389	U
All Snohomish RB Locations	0							2					< 243	U
All Snohomish AG Locations	0							0						
All Snohomish FB Locations	0							2					< 362	U
All Snohomish Locations	0							6					< 306	U
Puyallup Watershed														
CBA	0							1					< 271	U
CBB	0							1					< 155	U
RB53	0							1					< 57.6	U
RB209	0							1					< 80.2	U
AG143	0							0						
AG62	0							0						
FB130	0							1					< 246	U
FB372	0							1					< 169	U
All Puyallup CB Locations	0							2					< 225	U
All Puyallup RB Locations	0							2					< 71.0	U
All Puyallup AG Locations	0							0						
All Puyallup FB Locations	0							2					< 179	U
All Puyallup Locations	0							6					< 168	U
All Monitoring Locations Combined														
All CB Locations	0							4					< 271	U
All RB Locations	0							4					< 155	U
All AG Locations	0							0						
All FB Locations	0							4					< 316	U
All Locations	0							12					< 243	U

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-51. Absolute and unit area toxic chemical loading estimates for selenium total for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (g/km ² /year)													
Baseflow							Storm Event						
n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed													
CB335	0						1					< 393	U
CBX	0						1					< 385	U
RB111	0						1					< 198	U
RB202	0						1					< 316	U
AG174	0						0						
AGG	0						0						
FB200	0						1					< 212	U
FB203	0						1					< 377	U
All Snohomish CB Locations	0						2					< 389	U
All Snohomish RB Locations	0						2					< 243	U
All Snohomish AG Locations	0						0						
All Snohomish FB Locations	0						2					< 362	U
All Snohomish Locations	0						6					< 306	U
Puyallup Watershed													
CBA	0						1					< 271	U
CBB	0						1					< 155	U
RB53	0						1					< 57.6	U
RB209	0						1					< 80.2	U
AG143	0						0						
AG62	0						0						
FB130	0						1					< 246	U
FB372	0						1					< 169	U
All Puyallup CB Locations	0						2					< 225	U
All Puyallup RB Locations	0						2					< 71.0	U
All Puyallup AG Locations	0						0						
All Puyallup FB Locations	0						2					< 179	U
All Puyallup Locations	0						6					< 168	U
All Monitoring Locations Combined													
All CB Locations	0						4					< 271	U
All RB Locations	0						4					< 155	U
All AG Locations	0						0						
All FB Locations	0						4					< 316	U
All Locations	0						12					< 243	U

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-52. Absolute and unit area toxic chemical loading estimates for thallium dissolved for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (g/km ² /year)													
Baseflow							Storm Event						
n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed													
CB335	0						1					< 78.6	U
CBX	0						1					< 77.0	U
RB111	0						1					< 39.7	U
RB202	0						1					< 63.2	U
AG174	0						0						
AGG	0						0						
FB200	0						1					< 42.4	U
FB203	0						1					< 75.5	U
All Snohomish CB Locations	0						2					< 77.8	U
All Snohomish RB Locations	0						2					< 48.5	U
All Snohomish AG Locations	0						0						
All Snohomish FB Locations	0						2					< 72.3	U
All Snohomish Locations	0						6					< 61.2	U
Puyallup Watershed													
CBA	0						1					< 54.3	U
CBB	0						1					< 31.0	U
RB53	0						1					< 11.5	U
RB209	0						1					< 16.0	U
AG143	0						0						
AG62	0						0						
FB130	0						1					< 49.3	U
FB372	0						1					< 33.8	U
All Puyallup CB Locations	0						2					< 45.0	U
All Puyallup RB Locations	0						2					< 14.2	U
All Puyallup AG Locations	0						0						
All Puyallup FB Locations	0						2					< 35.8	U
All Puyallup Locations	0						6					< 33.6	U
All Monitoring Locations Combined													
All CB Locations	0						4					< 54.3	U
All RB Locations	0						4					< 31.0	U
All AG Locations	0						0						
All FB Locations	0						4					< 63.2	U
All Locations	0						12					< 48.7	U

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-53. Absolute and unit area toxic chemical loading estimates for thallium total for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	0							1					< 78.6	U
CBX	0							1					< 77.0	U
RB111	0							1					< 39.7	U
RB202	0							1					< 63.2	U
AG174	0							0						
AGG	0							0						
FB200	0							1					< 42.4	U
FB203	0							1					< 75.5	U
All Snohomish CB Locations	0							2					< 77.8	U
All Snohomish RB Locations	0							2					< 48.5	U
All Snohomish AG Locations	0							0						
All Snohomish FB Locations	0							2					< 72.3	U
All Snohomish Locations	0							6					< 61.2	U
Puyallup Watershed														
CBA	0							1					< 54.3	U
CBB	0							1					< 31.0	U
RB53	0							1					< 11.5	U
RB209	0							1					< 16.0	U
AG143	0							0						
AG62	0							0						
FB130	0							1			54.2			
FB372	0							1					< 33.8	U
All Puyallup CB Locations	0							2					< 45.0	U
All Puyallup RB Locations	0							2					< 14.2	U
All Puyallup AG Locations	0							0						
All Puyallup FB Locations	0							2	17.9		28.7		39.4	E
All Puyallup Locations	0							6	16.8	16.8	16.8	16.8	37.0	E
All Monitoring Locations Combined														
All CB Locations	0							4					< 54.3	U
All RB Locations	0							4					< 31.0	U
All AG Locations	0							0						
All FB Locations	0							4	31.6	31.6	31.6	50.6	69.5	E
All Locations	0							12	24.3	24.3	24.3	24.3	53.5	E

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-54. Absolute and unit area toxic chemical loading estimates for tin dissolved for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	0							1					< 157	U
CBX	0							1					< 154	U
RB111	0							1					< 79.4	U
RB202	0							1					< 126	U
AG174	0							0						
AGG	0							0						
FB200	0							1					< 84.9	U
FB203	0							1					< 151	U
All Snohomish CB Locations	0							2					< 156	U
All Snohomish RB Locations	0							2					< 97.0	U
All Snohomish AG Locations	0							0						
All Snohomish FB Locations	0							2					< 145	U
All Snohomish Locations	0							6					< 122	U
Puyallup Watershed														
CBA	0							1					< 109	U
CBB	0							1					< 62.1	U
RB53	0							1					< 23.1	U
RB209	0							1					< 32.1	U
AG143	0							0						
AG62	0							0						
FB130	0							1					< 98.5	U
FB372	0							1					< 67.6	U
All Puyallup CB Locations	0							2					< 90.0	U
All Puyallup RB Locations	0							2					< 28.4	U
All Puyallup AG Locations	0							0						
All Puyallup FB Locations	0							2					< 71.7	U
All Puyallup Locations	0							6					< 67.3	U
All Monitoring Locations Combined														
All CB Locations	0							4					< 109	U
All RB Locations	0							4					< 62.1	U
All AG Locations	0							0						
All FB Locations	0							4					< 126	U
All Locations	0							12					< 97.3	U

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-55. Absolute and unit area toxic chemical loading estimates for tin total for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (g/km ² /year)													
Baseflow							Storm Event						
n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed													
CB335	0						1					< 157	U
CBX	0						1					< 154	U
RB111	0						1					< 79.4	U
RB202	0						1					< 126	U
AG174	0						0						
AGG	0						0						
FB200	0						1					< 84.9	U
FB203	0						1					< 151	U
All Snohomish CB Locations	0						2					< 156	U
All Snohomish RB Locations	0						2					< 97.0	U
All Snohomish AG Locations	0						0						
All Snohomish FB Locations	0						2					< 145	U
All Snohomish Locations	0						6					< 122	U
Puyallup Watershed													
CBA	0						1					< 109	U
CBB	0						1					< 62.1	U
RB53	0						1					< 23.1	U
RB209	0						1					< 32.1	U
AG143	0						0						
AG62	0						0						
FB130	0						1					< 98.5	U
FB372	0						1					< 67.6	U
All Puyallup CB Locations	0						2					< 90.0	U
All Puyallup RB Locations	0						2					< 28.4	U
All Puyallup AG Locations	0						0						
All Puyallup FB Locations	0						2					< 71.7	U
All Puyallup Locations	0						6					< 67.3	U
All Monitoring Locations Combined													
All CB Locations	0						4					< 109	U
All RB Locations	0						4					< 62.1	U
All AG Locations	0						0						
All FB Locations	0						4					< 126	U
All Locations	0						12					< 97.3	U

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-56. Absolute and unit area toxic chemical loading estimates for zinc dissolved for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2	3300		3620		3940		6	31500	34300	34700	38500	50900	
CBX	1			1500				6	9700	15200	20000	23000	24600	
RB111	2	259		291		339		6	1110	1150	1430	2180	2540	
RB202	2	1100		1430		1690		6	1390	1450	2090	2280	3790	
AG174	2	320		864		1380		6	414	552	663	1300	2400	
AGG	2	298		543		789		6	1260	1510	2840	4340	18600	
FB200	2					< 446	U	6	212	212	212	806	891	E
FB203	2	940		1030		1030		6	377	377	604	2410	2570	E
All Snohomish CB Locations	3	2140	2240	2550	3030	3190		12	9800	20200	28000	34400	50400	
All Snohomish RB Locations	4	551	586	655	792	896		12	1070	1360	1650	2230	3110	
All Snohomish AG Locations	4	213	469	832	1430	1920		12	465	745	1400	2850	16400	
All Snohomish FB Locations	4	408	408	653	979	979	E	12	362	362	362	1450	2460	E
All Snohomish Locations	15	272	597	1140	4240	8360		48	306	1290	2200	9920	39700	
Puyallup Watershed														
CBA	2	1540		1870		2180		6	6780	8470	9820	12200	19400	
CBB	1			1040				6	7880	8320	9620	11500	15100	
RB53	2	130		165		201		6	300	300	426	991	3190	
RB209	2	235		314		408		6	257	289	577	1280	1540	
AG143	2	1220		1310		1400		6	3290	5160	6680	15800	18300	
AG62	2	289		310		310		6	1310	2530	2820	3350	3930	
FB130	2	1440		2060		2670		6	1280	1330	1530	3010	4340	
FB372	2	92.4		277		462	E	6	575	676	1050	1720	3380	
All Puyallup CB Locations	3	1060	1180	1500	2810	3250		12	5620	8140	11700	15700	21800	
All Puyallup RB Locations	4	155	183	226	310	367		12	227	369	511	1180	3930	
All Puyallup AG Locations	4	248	266	1010	1860	1980		12	1160	2490	3910	8710	23800	
All Puyallup FB Locations	4	125	326	577	803	978		12	609	968	1110	2010	3580	
All Puyallup Locations	15	84.2	253	421	1550	3860		48	538	976	2730	6830	18700	
All Monitoring Locations Combined														
All CB Locations	6	1200	1650	1840	2470	3670		24	6790	11500	15800	22700	35200	
All RB Locations	8	265	361	409	554	626		24	496	838	1050	1800	8590	
All AG Locations	8	197	295	767	1850	2200		24	547	1460	2450	5110	20300	
All FB Locations	8	337	337	810	1550	2630		24	316	316	1450	2150	6320	
All Locations	30	186	521	857	3350	8530		96	243	1310	2680	9250	31500	

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-57. Absolute and unit area toxic chemical loading estimates for zinc total for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2	3840		4450		5090		6	34900	40200	43500	52100	53000	
CBX	1			1810				6	26300	26300	28300	32700	38500	
RB111	2	404		792			E	6	992	992	3220	3690	5360	
RB202	2					< 3250	U	6	1580	3480	5880	7330	9040	
AG174	2	800		11600		22400	E	6	691	1660	2020	2460	2710	
AGG	2	587		929		1270		6	2800	2910	3330	4730	18700	
FB200	2					< 2230	U	6	1060	1060	1060	1060	7940	E
FB203	2	2140		4360		6580	E	6	1890	1890	1890	1890	6040	E
All Snohomish CB Locations	3	2490	2700	3300	3710	3860		12	26600	28600	36700	43000	52400	
All Snohomish RB Locations	4	861	861	861	1690	2550	E	12	1210	1940	4080	5290	6940	
All Snohomish AG Locations	4	533	981	2260	9000	14900		12	776	2170	2730	3070	16500	
All Snohomish FB Locations	4	2040	2040	2040	4160	6280	E	12	1810	1810	1810	1810	13500	E
All Snohomish Locations	15	1360	1360	3640	7550	38000		48	1530	1530	5390	20900	41300	
Puyallup Watershed														
CBA	2	1830		2550		3290		6	8360	15500	17700	21900	22600	
CBB	1			1170				6	10000	10100	10600	11500	16800	
RB53	2	295		508		720	E	6	288	288	841	888	968	
RB209	2					< 784	U	6	401	401	673	962	1680	E
AG143	2	1350		1480		1610		6	4010	6450	7600	20400	20700	
AG62	2					< 1030	U	6	1210	2770	3300	3640	4900	
FB130	2					< 3430	U	6	1230	1230	1230	1230	3050	E
FB372	2					< 924	U	6	845	845	845	845	7370	E
All Puyallup CB Locations	3	1260	1520	2270	3300	3640		12	6930	14400	15200	17400	24300	
All Puyallup RB Locations	4	353	353	353	607	861	E	12	355	355	838	1080	1490	
All Puyallup AG Locations	4	443	443	1190	2110	2280	E	12	1070	2920	4760	9910	27000	
All Puyallup FB Locations	4					< 1250	U	12	896	896	896	896	7810	E
All Puyallup Locations	15	421	421	421	1730	4330	E	48	841	841	2560	10100	21200	
All Monitoring Locations Combined														
All CB Locations	6	1430	1920	2550	2980	4120		24	8360	18400	20200	27400	36600	
All RB Locations	8	602	602	602	1040	1780	E	24	776	776	2270	2760	4440	
All AG Locations	8	492	492	1730	2690	13800		24	912	2480	3280	6020	23000	
All FB Locations	8	1690	1690	1690	1690	5200	E	24	1580	1580	1580	1580	13800	E
All Locations	30	931	931	931	4470	26100	E	96	1220	1220	4090	15600	32800	

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-58. Absolute and unit area toxic chemical loading estimates for 1,2,4-trichlorobenzene for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 25.6	U	6					< 65.2	U
CBX	1					< 7.90	U	6					< 62.4	U
RB111	2					< 13.1	U	6					< 32.9	U
RB202	2					< 53.9	U	6					< 51.2	U
AG174	2					< 25.9	U	6					< 22.9	U
AGG	2					< 7.27	U	6					< 28.0	U
FB200	2					< 36.1	U	6					< 35.2	U
FB203	2					< 71.8	U	6					< 61.1	U
All Snohomish CB Locations	3					< 16.8	U	12					< 64.6	U
All Snohomish RB Locations	4					< 28.6	U	12					< 40.3	U
All Snohomish AG Locations	4					< 17.7	U	12					< 25.7	U
All Snohomish FB Locations	4					< 68.5	U	12					< 60.0	U
All Snohomish Locations	15					< 45.6	U	48					< 50.8	U
Puyallup Watershed														
CBA	2					< 16.9	U	6					< 44.5	U
CBB	1					< 3.45	U	6					< 25.5	U
RB53	2					< 9.80	U	6					< 9.45	U
RB209	2					< 13.0	U	6					< 13.0	U
AG143	2					< 10.1	U	6					< 27.0	U
AG62	2					< 16.9	U	6					< 39.8	U
FB130	2					< 54.8	U	6					< 40.9	U
FB372	2					< 15.3	U	6					< 30.4	U
All Puyallup CB Locations	3					< 11.6	U	12					< 36.9	U
All Puyallup RB Locations	4					< 11.7	U	12					< 11.6	U
All Puyallup AG Locations	4					< 14.5	U	12					< 35.2	U
All Puyallup FB Locations	4					< 20.8	U	12					< 32.3	U
All Puyallup Locations	15					< 14.0	U	48					< 30.3	U
All Monitoring Locations Combined														
All CB Locations	6					< 13.2	U	24					< 45.1	U
All RB Locations	8					< 20.0	U	24					< 25.8	U
All AG Locations	8					< 16.3	U	24					< 30.3	U
All FB Locations	8					< 56.7	U	24					< 56.9	U
All Locations	30					< 31.3	U	96					< 43.8	U

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-59. Absolute and unit area toxic chemical loading estimates for 1,2-dichlorobenzene for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 25.6	U	6					< 65.2	U
CBX	1					< 7.90	U	6					< 62.4	U
RB111	2					< 13.1	U	6					< 32.9	U
RB202	2					< 53.9	U	6					< 51.2	U
AG174	2					< 25.9	U	6					< 22.9	U
AGG	2					< 7.27	U	6					< 28.0	U
FB200	2					< 36.1	U	6					< 35.2	U
FB203	2					< 71.8	U	6					< 61.1	U
All Snohomish CB Locations	3					< 16.8	U	12					< 64.6	U
All Snohomish RB Locations	4					< 28.6	U	12					< 40.3	U
All Snohomish AG Locations	4					< 17.7	U	12					< 25.7	U
All Snohomish FB Locations	4					< 68.5	U	12					< 60.0	U
All Snohomish Locations	15					< 45.6	U	48					< 50.8	U
Puyallup Watershed														
CBA	2					< 16.9	U	6					< 44.5	U
CBB	1					< 3.45	U	6					< 25.5	U
RB53	2					< 9.80	U	6					< 9.45	U
RB209	2					< 13.0	U	6					< 13.0	U
AG143	2					< 10.1	U	6					< 27.0	U
AG62	2					< 16.9	U	6					< 39.8	U
FB130	2					< 54.8	U	6					< 40.9	U
FB372	2					< 15.3	U	6					< 30.4	U
All Puyallup CB Locations	3					< 11.6	U	12					< 36.9	U
All Puyallup RB Locations	4					< 11.7	U	12					< 11.6	U
All Puyallup AG Locations	4					< 14.5	U	12					< 35.2	U
All Puyallup FB Locations	4					< 20.8	U	12					< 32.3	U
All Puyallup Locations	15					< 14.0	U	48					< 30.3	U
All Monitoring Locations Combined														
All CB Locations	6					< 13.2	U	24					< 45.1	U
All RB Locations	8					< 20.0	U	24					< 25.8	U
All AG Locations	8					< 16.3	U	24					< 30.3	U
All FB Locations	8					< 56.7	U	24					< 56.9	U
All Locations	30					< 31.3	U	96					< 43.8	U

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-60. Absolute and unit area toxic chemical loading estimates for 1,2-diphenylhydrazine for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 25.6	U	6					< 65.2	U
CBX	1					< 7.90	U	6					< 62.4	U
RB111	2					< 13.1	U	6					< 32.9	U
RB202	2					< 53.9	U	6					< 51.2	U
AG174	2					< 25.9	U	6					< 22.9	U
AGG	2					< 7.27	U	6					< 28.0	U
FB200	2					< 36.1	U	6					< 35.2	U
FB203	2					< 71.8	U	6					< 61.1	U
All Snohomish CB Locations	3					< 16.8	U	12					< 64.6	U
All Snohomish RB Locations	4					< 28.6	U	12					< 40.3	U
All Snohomish AG Locations	4					< 17.7	U	12					< 25.7	U
All Snohomish FB Locations	4					< 68.5	U	12					< 60.0	U
All Snohomish Locations	15					< 45.6	U	48					< 50.8	U
Puyallup Watershed														
CBA	2					< 16.9	U	6					< 44.5	U
CBB	1					< 3.45	U	6					< 25.5	U
RB53	2					< 9.80	U	6					< 9.45	U
RB209	2					< 13.0	U	6					< 13.0	U
AG143	2					< 10.1	U	6					< 27.0	U
AG62	2					< 16.9	U	6					< 39.8	U
FB130	2					< 54.8	U	6					< 40.9	U
FB372	2					< 15.3	U	6					< 30.4	U
All Puyallup CB Locations	3					< 11.6	U	12					< 36.9	U
All Puyallup RB Locations	4					< 11.7	U	12					< 11.6	U
All Puyallup AG Locations	4					< 14.5	U	12					< 35.2	U
All Puyallup FB Locations	4					< 20.8	U	12					< 32.3	U
All Puyallup Locations	15					< 14.0	U	48					< 30.3	U
All Monitoring Locations Combined														
All CB Locations	6					< 13.2	U	24					< 45.1	U
All RB Locations	8					< 20.0	U	24					< 25.8	U
All AG Locations	8					< 16.3	U	24					< 30.3	U
All FB Locations	8					< 56.7	U	24					< 56.9	U
All Locations	30					< 31.3	U	96					< 43.8	U

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-61. Absolute and unit area toxic chemical loading estimates for 1,3-dichlorobenzene for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 25.6	U	6					< 65.2	U
CBX	1					< 7.90	U	6					< 62.4	U
RB111	2					< 13.1	U	6					< 32.9	U
RB202	2					< 53.9	U	6					< 51.2	U
AG174	2					< 25.9	U	6					< 22.9	U
AGG	2					< 7.27	U	6					< 28.0	U
FB200	2					< 36.1	U	6					< 35.2	U
FB203	2					< 71.8	U	6					< 61.1	U
All Snohomish CB Locations	3					< 16.8	U	12					< 64.6	U
All Snohomish RB Locations	4					< 28.6	U	12					< 40.3	U
All Snohomish AG Locations	4					< 17.7	U	12					< 25.7	U
All Snohomish FB Locations	4					< 68.5	U	12					< 60.0	U
All Snohomish Locations	15					< 45.6	U	48					< 50.8	U
Puyallup Watershed														
CBA	2					< 16.9	U	6					< 44.5	U
CBB	1					< 3.45	U	6					< 25.5	U
RB53	2					< 9.80	U	6					< 9.45	U
RB209	2					< 13.0	U	6					< 13.0	U
AG143	2					< 10.1	U	6					< 27.0	U
AG62	2					< 16.9	U	6					< 39.8	U
FB130	2					< 54.8	U	6					< 40.9	U
FB372	2					< 15.3	U	6					< 30.4	U
All Puyallup CB Locations	3					< 11.6	U	12					< 36.9	U
All Puyallup RB Locations	4					< 11.7	U	12					< 11.6	U
All Puyallup AG Locations	4					< 14.5	U	12					< 35.2	U
All Puyallup FB Locations	4					< 20.8	U	12					< 32.3	U
All Puyallup Locations	15					< 14.0	U	48					< 30.3	U
All Monitoring Locations Combined														
All CB Locations	6					< 13.2	U	24					< 45.1	U
All RB Locations	8					< 20.0	U	24					< 25.8	U
All AG Locations	8					< 16.3	U	24					< 30.3	U
All FB Locations	8					< 56.7	U	24					< 56.9	U
All Locations	30					< 31.3	U	96					< 43.8	U

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-62. Absolute and unit area toxic chemical loading estimates for 1,4-dichlorobenzene for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 25.6	U	6					< 65.2	U
CBX	1					< 7.90	U	6					< 62.4	U
RB111	2					< 13.1	U	6					< 32.9	U
RB202	2					< 53.9	U	6					< 51.2	U
AG174	2					< 25.9	U	6					< 22.9	U
AGG	2					< 7.27	U	6					< 28.0	U
FB200	2					< 36.1	U	6					< 35.2	U
FB203	2					< 71.8	U	6					< 61.1	U
All Snohomish CB Locations	3					< 16.8	U	12					< 64.6	U
All Snohomish RB Locations	4					< 28.6	U	12					< 40.3	U
All Snohomish AG Locations	4					< 17.7	U	12					< 25.7	U
All Snohomish FB Locations	4					< 68.5	U	12					< 60.0	U
All Snohomish Locations	15					< 45.6	U	48					< 50.8	U
Puyallup Watershed														
CBA	2					< 16.9	U	6					< 44.5	U
CBB	1					< 3.45	U	6					< 25.5	U
RB53	2					< 9.80	U	6					< 9.45	U
RB209	2					< 13.0	U	6					< 13.0	U
AG143	2					< 10.1	U	6					< 27.0	U
AG62	2					< 16.9	U	6					< 39.8	U
FB130	2					< 54.8	U	6					< 40.9	U
FB372	2					< 15.3	U	6					< 30.4	U
All Puyallup CB Locations	3					< 11.6	U	12					< 36.9	U
All Puyallup RB Locations	4					< 11.7	U	12					< 11.6	U
All Puyallup AG Locations	4					< 14.5	U	12					< 35.2	U
All Puyallup FB Locations	4					< 20.8	U	12					< 32.3	U
All Puyallup Locations	15					< 14.0	U	48					< 30.3	U
All Monitoring Locations Combined														
All CB Locations	6					< 13.2	U	24					< 45.1	U
All RB Locations	8					< 20.0	U	24					< 25.8	U
All AG Locations	8					< 16.3	U	24					< 30.3	U
All FB Locations	8					< 56.7	U	24					< 56.9	U
All Locations	30					< 31.3	U	96					< 43.8	U

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-63. Absolute and unit area toxic chemical loading estimates for 1-methylnaphthalene for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 3.14	U	6	3.89	3.89	4.32	7.62	40.9	E
CBX	1					< 0.946	U	6					< 7.70	U
RB111	2	0.889		1.04		1.20	E	6	1.27	1.93	1.96	1.98	2.18	E
RB202	2					< 6.43	U	6	2.02	3.07	3.10	3.16	3.79	E
AG174	2	1.57		1.89		2.21	E	6	0.967	1.34	1.35	1.37	1.52	E
AGG	2					< 0.867	U	6					< 4.20	U
FB200	2	2.21		2.67		3.12	E	6					< 4.67	U
FB203	2	4.19		5.00		5.81	E	6					< 8.30	U
All Snohomish CB Locations	3					< 2.03	U	12	3.77	3.83	3.85	4.28	40.4	E
All Snohomish RB Locations	4	1.71	1.71	1.80	2.22	2.55	E	12	1.55	2.35	2.40	2.43	2.91	E
All Snohomish AG Locations	4	1.05	1.05	1.05	1.26	1.47	E	12	1.09	1.50	1.52	1.54	1.86	E
All Snohomish FB Locations	4	4.00	4.02	4.79	5.63	5.71	E	12					< 7.95	U
All Snohomish Locations	15	2.63	2.66	2.69	3.52	4.02	E	48	1.96	2.99	3.03	3.06	31.8	E
Puyallup Watershed														
CBA	2					< 2.02	U	6	2.69	3.37	4.97	5.16	7.60	E
CBB	1					< 0.445	U	6	1.46	1.54	2.04	2.79	4.97	E
RB53	2					< 1.16	U	6	0.415	0.559	0.576	0.980	0.980	E
RB209	2	0.863		1.09		1.32	E	6	0.778	0.794	0.826	1.33	1.36	E
AG143	2					< 1.25	U	6					< 5.59	U
AG62	2					< 2.07	U	6					< 8.74	U
FB130	2					< 6.79	U	6					< 8.38	U
FB372	2					< 1.83	U	6					< 5.75	U
All Puyallup CB Locations	3					< 1.39	U	12	2.11	2.23	3.87	4.23	7.20	E
All Puyallup RB Locations	4	0.691	0.691	0.734	0.981	1.19	E	12	0.511	0.696	0.710	1.19	1.21	E
All Puyallup AG Locations	4					< 1.77	U	12					< 7.72	U
All Puyallup FB Locations	4					< 2.48	U	12					< 6.09	U
All Puyallup Locations	15	0.816	0.825	0.825	0.840	1.41	E	48	1.21	1.67	1.68	2.86	5.38	E
All Monitoring Locations Combined														
All CB Locations	6					< 1.57	U	24	2.55	2.69	2.71	4.97	28.2	E
All RB Locations	8	1.18	1.19	1.26	1.55	2.02	E	24	0.993	1.50	1.54	1.68	2.64	E
All AG Locations	8	0.954	0.960	0.969	0.983	1.36	E	24	1.28	1.79	1.81	1.82	3.28	E
All FB Locations	8	3.31	3.31	3.34	3.96	4.72	E	24					< 10.7	U
All Locations	30	1.81	1.83	1.84	1.86	3.13	E	96	1.56	2.38	2.41	2.68	25.3	E

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-64. Absolute and unit area toxic chemical loading estimates for 2,3,4,5-tetrachlorophenol for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 19.5	U	6					< 55.8	U
CBX	1					< 5.85	U	6					< 49.3	U
RB111	2					< 10.5	U	6					< 25.8	U
RB202	2					< 40.2	U	6					< 41.1	U
AG174	2					< 19.5	U	6					< 17.7	U
AGG	2					< 5.34	U	6					< 22.4	U
FB200	2					< 27.2	U	6					< 27.2	U
FB203	2					< 52.1	U	6					< 48.3	U
All Snohomish CB Locations	3					< 12.7	U	12					< 55.2	U
All Snohomish RB Locations	4					< 22.4	U	12					< 31.5	U
All Snohomish AG Locations	4					< 13.0	U	12					< 19.9	U
All Snohomish FB Locations	4					< 49.8	U	12					< 46.3	U
All Snohomish Locations	15					< 35.3	U	48					< 43.5	U
Puyallup Watershed														
CBA	2					< 12.8	U	6					< 35.3	U
CBB	1					< 2.77	U	6					< 19.9	U
RB53	2					< 7.32	U	6					< 7.38	U
RB209	2					< 10.0	U	6					< 10.3	U
AG143	2					< 7.98	U	6					< 20.4	U
AG62	2					< 12.8	U	6					< 30.6	U
FB130	2					< 42.5	U	6					< 30.5	U
FB372	2					< 11.5	U	6					< 21.6	U
All Puyallup CB Locations	3					< 8.79	U	12					< 29.2	U
All Puyallup RB Locations	4					< 9.03	U	12					< 9.09	U
All Puyallup AG Locations	4					< 11.3	U	12					< 27.0	U
All Puyallup FB Locations	4					< 15.6	U	12					< 22.9	U
All Puyallup Locations	15					< 10.8	U	48					< 21.9	U
All Monitoring Locations Combined														
All CB Locations	6					< 9.95	U	24					< 38.6	U
All RB Locations	8					< 15.7	U	24					< 20.2	U
All AG Locations	8					< 12.6	U	24					< 23.4	U
All FB Locations	8					< 41.8	U	24					< 40.5	U
All Locations	30					< 24.2	U	96					< 34.5	U

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-65. Absolute and unit area toxic chemical loading estimates for 2,3,4,6-tetrachlorophenol for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	
Snohomish Watershed														
CB335	2				< 19.5	U	6						< 55.8	U
CBX	1				< 5.85	U	6						< 49.3	U
RB111	2				< 10.5	U	6						< 25.8	U
RB202	2				< 40.2	U	6						< 41.1	U
AG174	2				< 19.5	U	6						< 17.7	U
AGG	2				< 5.34	U	6						< 22.4	U
FB200	2				< 27.2	U	6						< 27.2	U
FB203	2				< 52.1	U	6	15.8	23.0	23.4	23.4	24.1	24.1	E
All Snohomish CB Locations	3				< 12.7	U	12						< 55.2	U
All Snohomish RB Locations	4				< 22.4	U	12						< 31.5	U
All Snohomish AG Locations	4				< 13.0	U	12						< 19.9	U
All Snohomish FB Locations	4				< 49.8	U	12	15.2	22.1	22.4	22.8	23.1	23.1	E
All Snohomish Locations	15				< 35.3	U	48	12.9	18.7	19.0	19.3	21.7	21.7	E
Puyallup Watershed														
CBA	2				< 12.8	U	6						< 35.3	U
CBB	1				< 2.77	U	6						< 19.9	U
RB53	2				< 7.32	U	6						< 7.38	U
RB209	2				< 10.0	U	6						< 10.3	U
AG143	2				< 7.98	U	6	3.29	10.0	10.0	10.2	10.2	10.2	E
AG62	2				< 12.8	U	6						< 30.6	U
FB130	2				< 42.5	U	6						< 30.5	U
FB372	2				< 11.5	U	6						< 21.6	U
All Puyallup CB Locations	3				< 8.79	U	12						< 29.2	U
All Puyallup RB Locations	4				< 9.03	U	12						< 9.09	U
All Puyallup AG Locations	4				< 11.3	U	12	4.29	13.1	13.1	13.3	13.5	13.5	E
All Puyallup FB Locations	4				< 15.6	U	12						< 22.9	U
All Puyallup Locations	15				< 10.8	U	48	3.36	10.3	10.4	10.6	10.9	10.9	E
All Monitoring Locations Combined														
All CB Locations	6				< 9.95	U	24						< 38.6	U
All RB Locations	8				< 15.7	U	24						< 20.2	U
All AG Locations	8				< 12.6	U	24	3.65	11.1	11.1	11.3	11.7	11.7	E
All FB Locations	8				< 41.8	U	24	13.3	19.3	19.6	19.7	20.2	20.2	E
All Locations	30				< 24.2	U	96	4.87	14.8	15.1	15.3	17.3	17.3	E

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-66. Absolute and unit area toxic chemical loading estimates for 2,4,5-trichlorophenol for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (g/km ² /year)															
Baseflow							Storm Event								
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	
Snohomish Watershed															
CB335	2					< 19.5	U	6						< 55.8	U
CBX	1					< 5.85	U	6						< 49.3	U
RB111	2					< 10.5	U	6						< 25.8	U
RB202	2					< 40.2	U	6						< 41.1	U
AG174	2					< 19.5	U	6						< 17.7	U
AGG	2					< 5.34	U	6						< 22.4	U
FB200	2					< 27.2	U	6						< 27.2	U
FB203	2					< 52.1	U	6	18.9	23.0	23.4	23.4	24.1	24.1	E
All Snohomish CB Locations	3					< 12.7	U	12						< 55.2	U
All Snohomish RB Locations	4					< 22.4	U	12						< 31.5	U
All Snohomish AG Locations	4					< 13.0	U	12						< 19.9	U
All Snohomish FB Locations	4					< 49.8	U	12	18.1	22.1	22.4	22.8	23.1	23.1	E
All Snohomish Locations	15					< 35.3	U	48	15.3	18.7	19.0	19.3	21.7	21.7	E
Puyallup Watershed															
CBA	2					< 12.8	U	6						< 35.3	U
CBB	1					< 2.77	U	6						< 19.9	U
RB53	2					< 7.32	U	6						< 7.38	U
RB209	2					< 10.0	U	6						< 10.3	U
AG143	2					< 7.98	U	6						< 20.4	U
AG62	2					< 12.8	U	6						< 30.6	U
FB130	2					< 42.5	U	6						< 30.5	U
FB372	2					< 11.5	U	6						< 21.6	U
All Puyallup CB Locations	3					< 8.79	U	12						< 29.2	U
All Puyallup RB Locations	4					< 9.03	U	12						< 9.09	U
All Puyallup AG Locations	4					< 11.3	U	12						< 27.0	U
All Puyallup FB Locations	4					< 15.6	U	12						< 22.9	U
All Puyallup Locations	15					< 10.8	U	48						< 21.9	U
All Monitoring Locations Combined															
All CB Locations	6					< 9.95	U	24						< 38.6	U
All RB Locations	8					< 15.7	U	24						< 20.2	U
All AG Locations	8					< 12.6	U	24						< 23.4	U
All FB Locations	8					< 41.8	U	24	15.8	19.3	19.6	19.7	20.2	20.2	E
All Locations	30					< 24.2	U	96	12.2	14.8	15.1	15.3	17.3	17.3	E

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-67. Absolute and unit area toxic chemical loading estimates for 2,4,6-trichlorophenol for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 19.5	U	6					< 55.8	U
CBX	1					< 5.85	U	6					< 49.3	U
RB111	2					< 10.5	U	6					< 25.8	U
RB202	2					< 40.2	U	6					< 41.1	U
AG174	2					< 19.5	U	6					< 17.7	U
AGG	2					< 5.34	U	6					< 22.4	U
FB200	2					< 27.2	U	6					< 27.2	U
FB203	2					< 52.1	U	6					< 48.3	U
All Snohomish CB Locations	3					< 12.7	U	12					< 55.2	U
All Snohomish RB Locations	4					< 22.4	U	12					< 31.5	U
All Snohomish AG Locations	4					< 13.0	U	12					< 19.9	U
All Snohomish FB Locations	4					< 49.8	U	12					< 46.3	U
All Snohomish Locations	15					< 35.3	U	48					< 43.5	U
Puyallup Watershed														
CBA	2					< 12.8	U	6					< 35.3	U
CBB	1					< 2.77	U	6					< 19.9	U
RB53	2					< 7.32	U	6					< 7.38	U
RB209	2					< 10.0	U	6					< 10.3	U
AG143	2					< 7.98	U	6					< 20.4	U
AG62	2					< 12.8	U	6					< 30.6	U
FB130	2					< 42.5	U	6					< 30.5	U
FB372	2					< 11.5	U	6					< 21.6	U
All Puyallup CB Locations	3					< 8.79	U	12					< 29.2	U
All Puyallup RB Locations	4					< 9.03	U	12					< 9.09	U
All Puyallup AG Locations	4					< 11.3	U	12					< 27.0	U
All Puyallup FB Locations	4					< 15.6	U	12					< 22.9	U
All Puyallup Locations	15					< 10.8	U	48					< 21.9	U
All Monitoring Locations Combined														
All CB Locations	6					< 9.95	U	24					< 38.6	U
All RB Locations	8					< 15.7	U	24					< 20.2	U
All AG Locations	8					< 12.6	U	24					< 23.4	U
All FB Locations	8					< 41.8	U	24					< 40.5	U
All Locations	30					< 24.2	U	96					< 34.5	U

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-68. Absolute and unit area toxic chemical loading estimates for 2,4-dichlorophenol for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 256	U	6					< 660	U
CBX	1					< 79.0	U	6					< 647	U
RB111	2					< 131	U	6					< 329	U
RB202	2					< 539	U	6					< 512	U
AG174	2					< 259	U	6					< 229	U
AGG	2					< 72.7	U	6					< 291	U
FB200	2					< 361	U	6					< 352	U
FB203	2					< 718	U	6					< 611	U
All Snohomish CB Locations	3					< 168	U	12					< 653	U
All Snohomish RB Locations	4					< 286	U	12					< 403	U
All Snohomish AG Locations	4					< 177	U	12					< 257	U
All Snohomish FB Locations	4					< 685	U	12					< 600	U
All Snohomish Locations	15					< 456	U	48					< 514	U
Puyallup Watershed														
CBA	2					< 169	U	6					< 445	U
CBB	1					< 34.5	U	6					< 255	U
RB53	2					< 98.0	U	6					< 95.7	U
RB209	2					< 130	U	6					< 131	U
AG143	2	8.98		29.7		50.5	E	6					< 270	U
AG62	2					< 169	U	6					< 398	U
FB130	2					< 548	U	6					< 409	U
FB372	2					< 153	U	6					< 314	U
All Puyallup CB Locations	3					< 116	U	12					< 369	U
All Puyallup RB Locations	4					< 117	U	12					< 118	U
All Puyallup AG Locations	4	12.8	42.1	71.7	72.1	72.6	E	12					< 352	U
All Puyallup FB Locations	4					< 208	U	12					< 333	U
All Puyallup Locations	15	12.1	66.7	68.2	69.0	69.9	E	48					< 313	U
All Monitoring Locations Combined														
All CB Locations	6					< 132	U	24					< 456	U
All RB Locations	8					< 200	U	24					< 258	U
All AG Locations	8	14.2	78.7	79.6	80.0	81.6	E	24					< 303	U
All FB Locations	8					< 567	U	24					< 588	U
All Locations	30	26.8	147	151	153	156	E	96					< 453	U

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-69. Absolute and unit area toxic chemical loading estimates for 2,4-dimethylphenol for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 256	U	6	39.3	306	310	310	330	E
CBX	1					< 79.0	U	6	66.2	293	308	320	323	E
RB111	2					< 131	U	6	20.2	155	157	157	163	E
RB202	2					< 539	U	6	29.7	250	252	256	256	E
AG174	2					< 259	U	6					< 229	U
AGG	2					< 72.7	U	6					< 291	U
FB200	2					< 361	U	6					< 352	U
FB203	2					< 718	U	6					< 611	U
All Snohomish CB Locations	3					< 168	U	12	38.9	299	307	319	327	E
All Snohomish RB Locations	4					< 286	U	12	22.8	190	192	196	199	E
All Snohomish AG Locations	4					< 177	U	12					< 257	U
All Snohomish FB Locations	4					< 685	U	12					< 600	U
All Snohomish Locations	15					< 456	U	48	28.8	239	244	248	257	E
Puyallup Watershed														
CBA	2					< 169	U	6					< 445	U
CBB	1					< 34.5	U	6	16.1	18.6	120	123	127	E
RB53	2					< 98.0	U	6					< 95.7	U
RB209	2					< 130	U	6					< 131	U
AG143	2					< 101	U	6					< 270	U
AG62	2					< 169	U	6					< 398	U
FB130	2					< 548	U	6					< 409	U
FB372	2					< 153	U	6					< 314	U
All Puyallup CB Locations	3					< 116	U	12	23.4	171	175	178	184	E
All Puyallup RB Locations	4					< 117	U	12					< 118	U
All Puyallup AG Locations	4					< 145	U	12					< 352	U
All Puyallup FB Locations	4					< 208	U	12					< 333	U
All Puyallup Locations	15					< 140	U	48	17.5	131	133	136	156	E
All Monitoring Locations Combined														
All CB Locations	6					< 132	U	24	27.1	206	214	217	228	E
All RB Locations	8					< 200	U	24	14.6	121	123	126	129	E
All AG Locations	8					< 163	U	24					< 303	U
All FB Locations	8					< 567	U	24					< 588	U
All Locations	30					< 313	U	96	22.9	190	192	197	226	E

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-70. Absolute and unit area toxic chemical loading estimates for 2,4-dinitrophenol for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 256	U	6	306	310	318	330	864	E
CBX	1					< 79.0	U	6	293	304	308	323	554	E
RB111	2					< 131	U	6					< 329	U
RB202	2					< 539	U	6					< 512	U
AG174	2					< 259	U	6					< 229	U
AGG	2					< 72.7	U	6					< 291	U
FB200	2					< 361	U	6					< 352	U
FB203	2					< 718	U	6					< 611	U
All Snohomish CB Locations	3					< 168	U	12	296	307	311	327	856	E
All Snohomish RB Locations	4					< 286	U	12					< 403	U
All Snohomish AG Locations	4					< 177	U	12					< 257	U
All Snohomish FB Locations	4					< 685	U	12					< 600	U
All Snohomish Locations	15					< 456	U	48	233	242	245	251	673	E
Puyallup Watershed														
CBA	2					< 169	U	6					< 445	U
CBB	1					< 34.5	U	6					< 255	U
RB53	2					< 98.0	U	6					< 95.7	U
RB209	2					< 130	U	6					< 131	U
AG143	2					< 101	U	6					< 270	U
AG62	2					< 169	U	6					< 398	U
FB130	2					< 548	U	6					< 409	U
FB372	2					< 153	U	6					< 314	U
All Puyallup CB Locations	3					< 116	U	12					< 369	U
All Puyallup RB Locations	4					< 117	U	12					< 118	U
All Puyallup AG Locations	4					< 145	U	12					< 352	U
All Puyallup FB Locations	4					< 208	U	12					< 333	U
All Puyallup Locations	15					< 140	U	48					< 313	U
All Monitoring Locations Combined														
All CB Locations	6					< 132	U	24	206	212	214	223	597	E
All RB Locations	8					< 200	U	24					< 258	U
All AG Locations	8					< 163	U	24					< 303	U
All FB Locations	8					< 567	U	24					< 588	U
All Locations	30					< 313	U	96	185	190	192	197	535	E

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-71. Absolute and unit area toxic chemical loading estimates for 2,4-dinitrotoluene for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 102	U	6					< 267	U
CBX	1					< 31.2	U	6					< 262	U
RB111	2					< 51.7	U	6					< 131	U
RB202	2					< 214	U	6					< 209	U
AG174	2					< 102	U	6					< 91.2	U
AGG	2					< 28.9	U	6					< 116	U
FB200	2					< 143	U	6					< 140	U
FB203	2					< 291	U	6					< 249	U
All Snohomish CB Locations	3					< 66.4	U	12					< 264	U
All Snohomish RB Locations	4					< 114	U	12					< 160	U
All Snohomish AG Locations	4					< 70.4	U	12					< 102	U
All Snohomish FB Locations	4					< 277	U	12					< 239	U
All Snohomish Locations	15					< 185	U	48					< 208	U
Puyallup Watershed														
CBA	2					< 67.9	U	6					< 179	U
CBB	1					< 14.1	U	6					< 102	U
RB53	2					< 39.0	U	6					< 38.0	U
RB209	2					< 51.8	U	6					< 52.9	U
AG143	2					< 41.1	U	6					< 109	U
AG62	2					< 68.2	U	6					< 160	U
FB130	2					< 219	U	6					< 163	U
FB372	2					< 61.0	U	6					< 125	U
All Puyallup CB Locations	3					< 46.8	U	12					< 148	U
All Puyallup RB Locations	4					< 46.6	U	12					< 46.9	U
All Puyallup AG Locations	4					< 58.4	U	12					< 142	U
All Puyallup FB Locations	4					< 82.8	U	12					< 133	U
All Puyallup Locations	15					< 55.6	U	48					< 124	U
All Monitoring Locations Combined														
All CB Locations	6					< 52.9	U	24					< 185	U
All RB Locations	8					< 79.5	U	24					< 102	U
All AG Locations	8					< 64.9	U	24					< 120	U
All FB Locations	8					< 229	U	24					< 234	U
All Locations	30					< 127	U	96					< 180	U

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-72. Absolute and unit area toxic chemical loading estimates for 2,6-dinitrotoluene for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 102	U	6					< 267	U
CBX	1					< 31.2	U	6					< 262	U
RB111	2					< 51.7	U	6					< 131	U
RB202	2					< 214	U	6					< 209	U
AG174	2					< 102	U	6					< 91.2	U
AGG	2					< 28.9	U	6					< 116	U
FB200	2					< 143	U	6					< 140	U
FB203	2					< 291	U	6					< 249	U
All Snohomish CB Locations	3					< 66.4	U	12					< 264	U
All Snohomish RB Locations	4					< 114	U	12					< 160	U
All Snohomish AG Locations	4					< 70.4	U	12					< 102	U
All Snohomish FB Locations	4					< 277	U	12					< 239	U
All Snohomish Locations	15					< 185	U	48					< 208	U
Puyallup Watershed														
CBA	2					< 67.9	U	6					< 179	U
CBB	1					< 14.1	U	6					< 102	U
RB53	2					< 39.0	U	6					< 38.0	U
RB209	2					< 51.8	U	6					< 52.9	U
AG143	2					< 41.1	U	6					< 109	U
AG62	2					< 68.2	U	6					< 160	U
FB130	2					< 219	U	6					< 163	U
FB372	2					< 61.0	U	6					< 125	U
All Puyallup CB Locations	3					< 46.8	U	12					< 148	U
All Puyallup RB Locations	4					< 46.6	U	12					< 46.9	U
All Puyallup AG Locations	4					< 58.4	U	12					< 142	U
All Puyallup FB Locations	4					< 82.8	U	12					< 133	U
All Puyallup Locations	15					< 55.6	U	48					< 124	U
All Monitoring Locations Combined														
All CB Locations	6					< 52.9	U	24					< 185	U
All RB Locations	8					< 79.5	U	24					< 102	U
All AG Locations	8					< 64.9	U	24					< 120	U
All FB Locations	8					< 229	U	24					< 234	U
All Locations	30					< 127	U	96					< 180	U

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-73. Absolute and unit area toxic chemical loading estimates for 2-chloronaphthalene for the Phase 3 study of toxics in surface runoff to Puget Sound

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 3.14	U	6					< 9.43	U
CBX	1					< 0.946	U	6					< 7.62	U
RB111	2					< 1.78	U	6					< 3.97	U
RB202	2					< 6.43	U	6					< 6.32	U
AG174	2					< 3.17	U	6					< 2.73	U
AGG	2					< 0.867	U	6					< 3.47	U
FB200	2					< 4.42	U	6					< 4.24	U
FB203	2					< 8.37	U	6					< 7.55	U
All Snohomish CB Locations	3					< 2.03	U	12					< 9.33	U
All Snohomish RB Locations	4					< 3.79	U	12					< 4.85	U
All Snohomish AG Locations	4					< 2.11	U	12					< 3.07	U
All Snohomish FB Locations	4					< 8.08	U	12					< 7.23	U
All Snohomish Locations	15					< 5.97	U	48					< 7.35	U
Puyallup Watershed														
CBA	2					< 2.02	U	6					< 5.43	U
CBB	1					< 0.445	U	6					< 3.10	U
RB53	2					< 1.16	U	6					< 1.15	U
RB209	2					< 1.73	U	6					< 1.60	U
AG143	2					< 1.25	U	6					< 3.29	U
AG62	2					< 2.07	U	6					< 4.86	U
FB130	2					< 6.79	U	6					< 4.93	U
FB372	2					< 1.83	U	6					< 3.38	U
All Puyallup CB Locations	3					< 1.39	U	12					< 4.50	U
All Puyallup RB Locations	4					< 1.55	U	12					< 1.42	U
All Puyallup AG Locations	4					< 1.77	U	12					< 4.29	U
All Puyallup FB Locations	4					< 2.48	U	12					< 3.58	U
All Puyallup Locations	15					< 1.85	U	48					< 3.36	U
All Monitoring Locations Combined														
All CB Locations	6					< 1.57	U	24					< 6.52	U
All RB Locations	8					< 2.65	U	24					< 3.10	U
All AG Locations	8					< 1.97	U	24					< 3.65	U
All FB Locations	8					< 6.68	U	24					< 6.32	U
All Locations	30					< 4.10	U	96					< 5.84	U

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-74. Absolute and unit area toxic chemical loading estimates for 2-chlorophenol for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 102	U	6					< 267	U
CBX	1					< 31.2	U	6					< 262	U
RB111	2					< 51.7	U	6					< 131	U
RB202	2					< 214	U	6					< 209	U
AG174	2					< 102	U	6					< 91.2	U
AGG	2					< 28.9	U	6					< 116	U
FB200	2					< 143	U	6					< 140	U
FB203	2					< 291	U	6					< 249	U
All Snohomish CB Locations	3					< 66.4	U	12					< 264	U
All Snohomish RB Locations	4					< 114	U	12					< 160	U
All Snohomish AG Locations	4					< 70.4	U	12					< 102	U
All Snohomish FB Locations	4					< 277	U	12					< 239	U
All Snohomish Locations	15					< 185	U	48					< 208	U
Puyallup Watershed														
CBA	2					< 67.9	U	6					< 179	U
CBB	1					< 14.1	U	6					< 102	U
RB53	2					< 39.0	U	6					< 38.0	U
RB209	2					< 51.8	U	6					< 52.9	U
AG143	2					< 41.1	U	6					< 109	U
AG62	2					< 68.2	U	6					< 160	U
FB130	2					< 219	U	6					< 163	U
FB372	2					< 61.0	U	6					< 125	U
All Puyallup CB Locations	3					< 46.8	U	12					< 148	U
All Puyallup RB Locations	4					< 46.6	U	12					< 46.9	U
All Puyallup AG Locations	4					< 58.4	U	12					< 142	U
All Puyallup FB Locations	4					< 82.8	U	12					< 133	U
All Puyallup Locations	15					< 55.6	U	48					< 124	U
All Monitoring Locations Combined														
All CB Locations	6					< 52.9	U	24					< 185	U
All RB Locations	8					< 79.5	U	24					< 102	U
All AG Locations	8					< 64.9	U	24					< 120	U
All FB Locations	8					< 229	U	24					< 234	U
All Locations	30					< 127	U	96					< 180	U

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-75. Absolute and unit area toxic chemical loading estimates for 2-methylnaphthalene for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 3.14	U	5	3.81	3.87	3.89	12.6	38.5	E
CBX	1					< 0.946	U	5					< 7.70	U
RB111	2					< 1.78	U	5	1.96	1.96	2.30	2.73	3.18	E
RB202	2					< 6.43	U	5	3.07	3.07	3.16	3.56	3.79	E
AG174	2					< 3.17	U	5	1.34	1.35	1.37	1.49	1.66	E
AGG	2					< 0.867	U	5					< 5.25	U
FB200	2	2.21		2.46		2.72	E	5					< 5.09	U
FB203	2					< 8.37	U	5					< 9.81	U
All Snohomish CB Locations	3					< 2.03	U	10	3.77	3.81	3.85	3.89	38.1	E
All Snohomish RB Locations	4					< 3.79	U	10	2.35	2.40	2.55	2.91	3.88	E
All Snohomish AG Locations	4					< 2.11	U	10	1.50	1.52	1.53	1.61	2.33	E
All Snohomish FB Locations	4	4.00	4.00	4.02	4.50	4.98	E	10					< 9.40	U
All Snohomish Locations	15	2.63	2.66	2.66	2.69	3.31	E	40	2.97	3.00	3.03	3.27	30.0	E
Puyallup Watershed														
CBA	2	1.01		1.42		1.83	E	6	2.69	5.97	7.19	8.68	11.4	E
CBB	1					< 0.445	U	6	1.51	1.54	2.71	4.04	8.07	E
RB53	2	0.579		0.685		0.791	E	6					< 2.88	U
RB209	2	0.863		1.05		1.24	E	6	0.778	0.786	0.797	2.00	2.08	E
AG143	2					< 1.25	U	6					< 8.22	U
AG62	2					< 2.07	U	6					< 13.1	U
FB130	2					< 6.79	U	6					< 11.8	U
FB372	2					< 1.83	U	6					< 8.45	U
All Puyallup CB Locations	3	0.695	0.695	0.695	1.12	1.26	E	12	2.18	2.23	5.62	6.75	11.7	E
All Puyallup RB Locations	4	0.691	0.734	0.861	1.03	1.11	E	12	0.689	0.689	0.706	1.24	1.85	E
All Puyallup AG Locations	4					< 1.77	U	12					< 11.6	U
All Puyallup FB Locations	4					< 2.48	U	12					< 8.96	U
All Puyallup Locations	15	0.816	0.825	0.833	0.906	1.50	E	48	1.63	1.66	1.68	4.21	8.75	E
All Monitoring Locations Combined														
All CB Locations	6	0.778	0.786	0.786	0.786	1.43	E	22	2.63	2.69	2.70	7.06	26.6	E
All RB Locations	8	1.18	1.19	1.26	1.47	1.90	E	22	1.50	1.50	1.55	1.86	4.03	E
All AG Locations	8					< 1.97	U	22	1.77	1.79	1.81	1.90	4.93	E
All FB Locations	8	3.31	3.31	3.33	3.34	4.12	E	22					< 15.8	U
All Locations	30	1.81	1.83	1.84	1.86	3.32	E	88	2.36	2.38	2.41	3.16	23.8	E

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-76. Absolute and unit area toxic chemical loading estimates for 2-nitroaniline for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 512	U	6					< 1340	U
CBX	1					< 156	U	6					< 1310	U
RB111	2					< 259	U	6					< 675	U
RB202	2					< 1100	U	6					< 1010	U
AG174	2					< 512	U	6					< 470	U
AGG	2					< 149	U	6					< 596	U
FB200	2					< 714	U	6					< 722	U
FB203	2					< 1450	U	6					< 1210	U
All Snohomish CB Locations	3					< 332	U	12					< 1320	U
All Snohomish RB Locations	4					< 586	U	12					< 825	U
All Snohomish AG Locations	4					< 363	U	12					< 527	U
All Snohomish FB Locations	4					< 1390	U	12					< 1230	U
All Snohomish Locations	15					< 923	U	48					< 1040	U
Puyallup Watershed														
CBA	2					< 329	U	6					< 868	U
CBB	1					< 68.1	U	6					< 497	U
RB53	2					< 201	U	6					< 196	U
RB209	2					< 267	U	6					< 257	U
AG143	2					< 199	U	6					< 526	U
AG62	2					< 331	U	6					< 777	U
FB130	2					< 1100	U	6					< 838	U
FB372	2					< 314	U	6					< 642	U
All Puyallup CB Locations	3					< 227	U	12					< 720	U
All Puyallup RB Locations	4					< 240	U	12					< 241	U
All Puyallup AG Locations	4					< 283	U	12					< 687	U
All Puyallup FB Locations	4					< 427	U	12					< 681	U
All Puyallup Locations	15					< 286	U	48					< 639	U
All Monitoring Locations Combined														
All CB Locations	6					< 257	U	24					< 923	U
All RB Locations	8					< 409	U	24					< 527	U
All AG Locations	8					< 334	U	24					< 620	U
All FB Locations	8					< 1150	U	24					< 1200	U
All Locations	30					< 633	U	96					< 925	U

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-77. Absolute and unit area toxic chemical loading estimates for 2-nitrophenol for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 51.2	U	6					< 134	U
CBX	1					< 15.6	U	6					< 131	U
RB111	2					< 25.9	U	6					< 67.5	U
RB202	2					< 110	U	6					< 101	U
AG174	2					< 51.2	U	6					< 47.0	U
AGG	2					< 14.9	U	6					< 59.6	U
FB200	2					< 71.4	U	6					< 72.2	U
FB203	2					< 145	U	6					< 121	U
All Snohomish CB Locations	3					< 33.2	U	12					< 132	U
All Snohomish RB Locations	4					< 58.6	U	12					< 82.5	U
All Snohomish AG Locations	4					< 36.3	U	12					< 52.7	U
All Snohomish FB Locations	4					< 139	U	12					< 123	U
All Snohomish Locations	15					< 92.3	U	48					< 104	U
Puyallup Watershed														
CBA	2					< 32.9	U	6					< 86.8	U
CBB	1					< 6.81	U	6					< 49.7	U
RB53	2					< 20.1	U	6					< 19.6	U
RB209	2					< 26.7	U	6					< 25.7	U
AG143	2					< 19.9	U	6					< 52.6	U
AG62	2					< 33.1	U	6					< 77.7	U
FB130	2					< 110	U	6					< 83.8	U
FB372	2					< 31.4	U	6					< 64.2	U
All Puyallup CB Locations	3					< 22.7	U	12					< 72.0	U
All Puyallup RB Locations	4					< 24.0	U	12					< 24.1	U
All Puyallup AG Locations	4					< 28.3	U	12					< 68.7	U
All Puyallup FB Locations	4					< 42.7	U	12					< 68.1	U
All Puyallup Locations	15					< 28.6	U	48					< 63.9	U
All Monitoring Locations Combined														
All CB Locations	6					< 25.7	U	24					< 92.3	U
All RB Locations	8					< 40.9	U	24					< 52.7	U
All AG Locations	8					< 33.4	U	24					< 62.0	U
All FB Locations	8					< 115	U	24					< 120	U
All Locations	30					< 63.3	U	96					< 92.5	U

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-78. Absolute and unit area toxic chemical loading estimates for 3,3-dichlorobenzidine for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	1					< 51.2	U	1					< 126	U
CBX	1					< 15.6	U	6					< 131	U
RB111	1					< 24.2	U	5					< 67.5	U
RB202	1					< 110	U	6					< 101	U
AG174	1					< 51.2	U	6					< 47.0	U
AGG	1					< 14.9	U	6					< 59.6	U
FB200	1					< 66.9	U	6					< 72.2	U
FB203	1					< 137	U	6					< 121	U
All Snohomish CB Locations	2					< 33.2	U	7					< 132	U
All Snohomish RB Locations	2					< 58.6	U	11					< 82.5	U
All Snohomish AG Locations	2					< 36.3	U	12					< 52.7	U
All Snohomish FB Locations	2					< 131	U	12					< 123	U
All Snohomish Locations	8					< 92.3	U	42					< 104	U
Puyallup Watershed														
CBA	0							2					< 86.8	U
CBB	1					< 6.81	U	4					< 49.7	U
RB53	1					< 20.1	U	4					< 19.6	U
RB209	1					< 25.1	U	4					< 25.7	U
AG143	1					< 19.9	U	4					< 52.6	U
AG62	1					< 33.1	U	4					< 77.7	U
FB130	1					< 103	U	4					< 83.8	U
FB372	1					< 29.6	U	4					< 64.2	U
All Puyallup CB Locations	1					< 21.3	U	6					< 72.0	U
All Puyallup RB Locations	2					< 24.0	U	8					< 24.1	U
All Puyallup AG Locations	2					< 28.3	U	8					< 68.7	U
All Puyallup FB Locations	2					< 40.1	U	8					< 68.1	U
All Puyallup Locations	7					< 28.6	U	30					< 63.9	U
All Monitoring Locations Combined														
All CB Locations	3					< 25.7	U	13					< 92.3	U
All RB Locations	4					< 40.9	U	19					< 52.7	U
All AG Locations	4					< 33.4	U	20					< 62.0	U
All FB Locations	4					< 108	U	20					< 120	U
All Locations	15					< 63.3	U	72					< 92.5	U

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-79. Absolute and unit area toxic chemical loading estimates for 4,6-dinitro-2-methylphenol for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 512	U	6					< 1340	U
CBX	1					< 156	U	6					< 1310	U
RB111	2					< 259	U	6					< 675	U
RB202	2					< 1100	U	6					< 1010	U
AG174	2					< 512	U	6					< 470	U
AGG	2					< 149	U	6					< 596	U
FB200	2					< 714	U	6					< 722	U
FB203	2					< 1450	U	6					< 1210	U
All Snohomish CB Locations	3					< 332	U	12					< 1320	U
All Snohomish RB Locations	4					< 586	U	12					< 825	U
All Snohomish AG Locations	4					< 363	U	12					< 527	U
All Snohomish FB Locations	4					< 1390	U	12					< 1230	U
All Snohomish Locations	15					< 923	U	48					< 1040	U
Puyallup Watershed														
CBA	2					< 329	U	6					< 868	U
CBB	1					< 68.1	U	6					< 497	U
RB53	2					< 201	U	6					< 196	U
RB209	2					< 267	U	6					< 257	U
AG143	2					< 199	U	6					< 526	U
AG62	2					< 331	U	6					< 777	U
FB130	2					< 1100	U	6					< 838	U
FB372	2					< 314	U	6					< 642	U
All Puyallup CB Locations	3					< 227	U	12					< 720	U
All Puyallup RB Locations	4					< 240	U	12					< 241	U
All Puyallup AG Locations	4					< 283	U	12					< 687	U
All Puyallup FB Locations	4					< 427	U	12					< 681	U
All Puyallup Locations	15					< 286	U	48					< 639	U
All Monitoring Locations Combined														
All CB Locations	6					< 257	U	24					< 923	U
All RB Locations	8					< 409	U	24					< 527	U
All AG Locations	8					< 334	U	24					< 620	U
All FB Locations	8					< 1150	U	24					< 1200	U
All Locations	30					< 633	U	96					< 925	U

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-80. Absolute and unit area toxic chemical loading estimates for 4-bromophenyl phenyl ether for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 51.2	U	6					< 134	U
CBX	1					< 15.6	U	6					< 131	U
RB111	2					< 25.9	U	6					< 67.5	U
RB202	2					< 110	U	6					< 101	U
AG174	2					< 51.2	U	6					< 47.0	U
AGG	2					< 14.9	U	6					< 59.6	U
FB200	2					< 71.4	U	6					< 72.2	U
FB203	2					< 145	U	6					< 121	U
All Snohomish CB Locations	3					< 33.2	U	12					< 132	U
All Snohomish RB Locations	4					< 58.6	U	12					< 82.5	U
All Snohomish AG Locations	4					< 36.3	U	12					< 52.7	U
All Snohomish FB Locations	4					< 139	U	12					< 123	U
All Snohomish Locations	15					< 92.3	U	48					< 104	U
Puyallup Watershed														
CBA	2					< 32.9	U	6					< 86.8	U
CBB	1					< 6.81	U	6					< 49.7	U
RB53	2					< 20.1	U	6					< 19.6	U
RB209	2					< 26.7	U	6					< 25.7	U
AG143	2					< 19.9	U	6					< 52.6	U
AG62	2					< 33.1	U	6					< 77.7	U
FB130	2					< 110	U	6					< 83.8	U
FB372	2					< 31.4	U	6					< 64.2	U
All Puyallup CB Locations	3					< 22.7	U	12					< 72.0	U
All Puyallup RB Locations	4					< 24.0	U	12					< 24.1	U
All Puyallup AG Locations	4					< 28.3	U	12					< 68.7	U
All Puyallup FB Locations	4					< 42.7	U	12					< 68.1	U
All Puyallup Locations	15					< 28.6	U	48					< 63.9	U
All Monitoring Locations Combined														
All CB Locations	6					< 25.7	U	24					< 92.3	U
All RB Locations	8					< 40.9	U	24					< 52.7	U
All AG Locations	8					< 33.4	U	24					< 62.0	U
All FB Locations	8					< 115	U	24					< 120	U
All Locations	30					< 63.3	U	96					< 92.5	U

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-81. Absolute and unit area toxic chemical loading estimates for 4-chloro-3-methylphenol for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 256	U	6					< 660	U
CBX	1					< 79.0	U	6					< 647	U
RB111	2					< 131	U	6					< 329	U
RB202	2					< 539	U	6					< 512	U
AG174	2					< 259	U	6					< 229	U
AGG	2					< 72.7	U	6					< 291	U
FB200	2					< 361	U	6					< 352	U
FB203	2					< 718	U	6					< 611	U
All Snohomish CB Locations	3					< 168	U	12					< 653	U
All Snohomish RB Locations	4					< 286	U	12					< 403	U
All Snohomish AG Locations	4					< 177	U	12					< 257	U
All Snohomish FB Locations	4					< 685	U	12					< 600	U
All Snohomish Locations	15					< 456	U	48					< 514	U
Puyallup Watershed														
CBA	2					< 169	U	6					< 445	U
CBB	1					< 34.5	U	6					< 255	U
RB53	2					< 98.0	U	6					< 95.7	U
RB209	2					< 130	U	6					< 131	U
AG143	2					< 101	U	6					< 270	U
AG62	2					< 169	U	6					< 398	U
FB130	2					< 548	U	6					< 409	U
FB372	2					< 153	U	6					< 314	U
All Puyallup CB Locations	3					< 116	U	12					< 369	U
All Puyallup RB Locations	4					< 117	U	12					< 118	U
All Puyallup AG Locations	4					< 145	U	12					< 352	U
All Puyallup FB Locations	4					< 208	U	12					< 333	U
All Puyallup Locations	15					< 140	U	48					< 313	U
All Monitoring Locations Combined														
All CB Locations	6					< 132	U	24					< 456	U
All RB Locations	8					< 200	U	24					< 258	U
All AG Locations	8					< 163	U	24					< 303	U
All FB Locations	8					< 567	U	24					< 588	U
All Locations	30					< 313	U	96					< 453	U

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-82. Absolute and unit area toxic chemical loading estimates for 4-chloroaniline for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	0							2					< 2590	U
CBX	0							2					< 2540	U
RB111	0							2					< 1310	U
RB202	0							2					< 2020	U
AG174	0							2					< 912	U
AGG	0							2					< 1120	U
FB200	0							2					< 1360	U
FB203	0							2					< 2410	U
All Snohomish CB Locations	0							4					< 2570	U
All Snohomish RB Locations	0							4					< 1600	U
All Snohomish AG Locations	0							4					< 1020	U
All Snohomish FB Locations	0							4					< 2310	U
All Snohomish Locations	0							16					< 2020	U
Puyallup Watershed														
CBA	0							1					< 1740	U
CBB	0							1					< 962	U
RB53	0							1					< 369	U
RB209	0							1					< 497	U
AG143	0							1					< 1020	U
AG62	0							1					< 1510	U
FB130	0							1					< 1580	U
FB372	0							1					< 1120	U
All Puyallup CB Locations	0							2					< 1440	U
All Puyallup RB Locations	0							2					< 454	U
All Puyallup AG Locations	0							2					< 1330	U
All Puyallup FB Locations	0							2					< 1180	U
All Puyallup Locations	0							8					< 1110	U
All Monitoring Locations Combined														
All CB Locations	0							6					< 1790	U
All RB Locations	0							6					< 1020	U
All AG Locations	0							6					< 1200	U
All FB Locations	0							6					< 2090	U
All Locations	0							24					< 1610	U

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-83. Absolute and unit area toxic chemical loading estimates for 4-chlorophenyl-phenylether for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (g/km ² /year)														
Baseflow						Storm Event								
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 25.6	U	6					< 65.2	U
CBX	1					< 7.90	U	6					< 62.4	U
RB111	2					< 13.1	U	6					< 32.9	U
RB202	2					< 53.9	U	6					< 51.2	U
AG174	2					< 25.9	U	6					< 22.9	U
AGG	2					< 7.27	U	6					< 28.0	U
FB200	2					< 36.1	U	6					< 35.2	U
FB203	2					< 71.8	U	6					< 61.1	U
All Snohomish CB Locations	3					< 16.8	U	12					< 64.6	U
All Snohomish RB Locations	4					< 28.6	U	12					< 40.3	U
All Snohomish AG Locations	4					< 17.7	U	12					< 25.7	U
All Snohomish FB Locations	4					< 68.5	U	12					< 60.0	U
All Snohomish Locations	15					< 45.6	U	48					< 50.8	U
Puyallup Watershed														
CBA	2					< 16.9	U	6					< 44.5	U
CBB	1					< 3.45	U	6					< 25.5	U
RB53	2					< 9.80	U	6					< 9.45	U
RB209	2					< 13.0	U	6					< 13.0	U
AG143	2					< 10.1	U	6					< 27.0	U
AG62	2					< 16.9	U	6					< 39.8	U
FB130	2					< 54.8	U	6					< 40.9	U
FB372	2					< 15.3	U	6					< 30.4	U
All Puyallup CB Locations	3					< 11.6	U	12					< 36.9	U
All Puyallup RB Locations	4					< 11.7	U	12					< 11.6	U
All Puyallup AG Locations	4					< 14.5	U	12					< 35.2	U
All Puyallup FB Locations	4					< 20.8	U	12					< 32.3	U
All Puyallup Locations	15					< 14.0	U	48					< 30.3	U
All Monitoring Locations Combined														
All CB Locations	6					< 13.2	U	24					< 45.1	U
All RB Locations	8					< 20.0	U	24					< 25.8	U
All AG Locations	8					< 16.3	U	24					< 30.3	U
All FB Locations	8					< 56.7	U	24					< 56.9	U
All Locations	30					< 31.3	U	96					< 43.8	U

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-84. Absolute and unit area toxic chemical loading estimates for 4-nitroaniline for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 102	U	6					< 267	U
CBX	1					< 31.2	U	6					< 262	U
RB111	2					< 51.7	U	6					< 131	U
RB202	2					< 214	U	6					< 209	U
AG174	2					< 102	U	6					< 91.2	U
AGG	2					< 28.9	U	6					< 116	U
FB200	2					< 143	U	6					< 140	U
FB203	2					< 291	U	6					< 249	U
All Snohomish CB Locations	3					< 66.4	U	12					< 264	U
All Snohomish RB Locations	4					< 114	U	12					< 160	U
All Snohomish AG Locations	4					< 70.4	U	12					< 102	U
All Snohomish FB Locations	4					< 277	U	12					< 239	U
All Snohomish Locations	15					< 185	U	48					< 208	U
Puyallup Watershed														
CBA	2					< 67.9	U	6					< 179	U
CBB	1					< 14.1	U	6					< 102	U
RB53	2					< 39.0	U	6					< 38.0	U
RB209	2					< 51.8	U	6					< 52.9	U
AG143	2					< 41.1	U	6					< 109	U
AG62	2					< 68.2	U	6					< 160	U
FB130	2					< 219	U	6					< 163	U
FB372	2					< 61.0	U	6					< 125	U
All Puyallup CB Locations	3					< 46.8	U	12					< 148	U
All Puyallup RB Locations	4					< 46.6	U	12					< 46.9	U
All Puyallup AG Locations	4					< 58.4	U	12					< 142	U
All Puyallup FB Locations	4					< 82.8	U	12					< 133	U
All Puyallup Locations	15					< 55.6	U	48					< 124	U
All Monitoring Locations Combined														
All CB Locations	6					< 52.9	U	24					< 185	U
All RB Locations	8					< 79.5	U	24					< 102	U
All AG Locations	8					< 64.9	U	24					< 120	U
All FB Locations	8					< 229	U	24					< 234	U
All Locations	30					< 127	U	96					< 180	U

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-85. Absolute and unit area toxic chemical loading estimates for 4-nitrophenol for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 19.5	U	6	24.8	78.6	138	417	621	
CBX	1					< 5.85	U	5	23.5	23.8	23.9	66.6	146	E
RB111	2					< 10.5	U	5					< 25.8	U
RB202	2					< 40.2	U	5					< 41.1	U
AG174	2					< 19.5	U	5					< 17.7	U
AGG	2					< 5.34	U	5					< 22.4	U
FB200	2					< 27.2	U	5					< 27.2	U
FB203	2					< 52.1	U	5					< 48.3	U
All Snohomish CB Locations	3					< 12.7	U	11	23.7	24.2	77.8	148	614	
All Snohomish RB Locations	4					< 22.4	U	10					< 31.5	U
All Snohomish AG Locations	4					< 13.0	U	10					< 19.9	U
All Snohomish FB Locations	4					< 49.8	U	10					< 46.3	U
All Snohomish Locations	15					< 35.3	U	41	18.4	18.7	19.0	19.6	484	E
Puyallup Watershed														
CBA	2					< 12.8	U	6	16.3	16.8	17.5	18.5	65.1	E
CBB	1					< 2.77	U	6	9.31	9.47	9.53	9.93	13.0	E
RB53	2					< 7.32	U	6					< 7.38	U
RB209	2					< 10.0	U	6					< 10.3	U
AG143	2					< 7.98	U	6					< 20.4	U
AG62	2					< 12.8	U	6					< 30.6	U
FB130	2					< 42.5	U	6					< 30.5	U
FB372	2					< 11.5	U	6					< 21.6	U
All Puyallup CB Locations	3					< 8.79	U	12	13.5	13.7	14.2	15.0	54.0	E
All Puyallup RB Locations	4					< 9.03	U	12					< 9.09	U
All Puyallup AG Locations	4					< 11.3	U	12					< 27.0	U
All Puyallup FB Locations	4					< 15.6	U	12					< 22.9	U
All Puyallup Locations	15					< 10.8	U	48	10.1	10.3	10.4	10.6	40.4	E
All Monitoring Locations Combined														
All CB Locations	6					< 9.95	U	23	16.3	16.8	17.4	62.4	429	E
All RB Locations	8					< 15.7	U	22					< 20.2	U
All AG Locations	8					< 12.6	U	22					< 23.4	U
All FB Locations	8					< 41.8	U	22					< 40.5	U
All Locations	30					< 24.2	U	89	14.6	14.8	15.1	15.4	384	E

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-86. Absolute and unit area toxic chemical loading estimates for bis(2-chloroethoxy)methane for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 25.6	U	6					< 65.2	U
CBX	1					< 7.90	U	6					< 62.4	U
RB111	2					< 13.1	U	6					< 32.9	U
RB202	2					< 53.9	U	6					< 51.2	U
AG174	2					< 25.9	U	6					< 22.9	U
AGG	2					< 7.27	U	6					< 28.0	U
FB200	2					< 36.1	U	6					< 35.2	U
FB203	2					< 71.8	U	6					< 61.1	U
All Snohomish CB Locations	3					< 16.8	U	12					< 64.6	U
All Snohomish RB Locations	4					< 28.6	U	12					< 40.3	U
All Snohomish AG Locations	4					< 17.7	U	12					< 25.7	U
All Snohomish FB Locations	4					< 68.5	U	12					< 60.0	U
All Snohomish Locations	15					< 45.6	U	48					< 50.8	U
Puyallup Watershed														
CBA	2					< 16.9	U	6					< 44.5	U
CBB	1					< 3.45	U	6					< 25.5	U
RB53	2					< 9.80	U	6					< 9.45	U
RB209	2					< 13.0	U	6					< 13.0	U
AG143	2					< 10.1	U	6					< 27.0	U
AG62	2					< 16.9	U	6					< 39.8	U
FB130	2					< 54.8	U	6					< 40.9	U
FB372	2					< 15.3	U	6					< 30.4	U
All Puyallup CB Locations	3					< 11.6	U	12					< 36.9	U
All Puyallup RB Locations	4					< 11.7	U	12					< 11.6	U
All Puyallup AG Locations	4					< 14.5	U	12					< 35.2	U
All Puyallup FB Locations	4					< 20.8	U	12					< 32.3	U
All Puyallup Locations	15					< 14.0	U	48					< 30.3	U
All Monitoring Locations Combined														
All CB Locations	6					< 13.2	U	24					< 45.1	U
All RB Locations	8					< 20.0	U	24					< 25.8	U
All AG Locations	8					< 16.3	U	24					< 30.3	U
All FB Locations	8					< 56.7	U	24					< 56.9	U
All Locations	30					< 31.3	U	96					< 43.8	U

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-87. Absolute and unit area toxic chemical loading estimates for bis(2-chloroethyl)ether for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 51.2	U	6					< 134	U
CBX	1					< 15.6	U	6					< 131	U
RB111	2					< 25.9	U	6					< 67.5	U
RB202	2					< 110	U	6					< 101	U
AG174	2					< 51.2	U	6					< 47.0	U
AGG	2					< 14.9	U	6					< 59.6	U
FB200	2					< 71.4	U	6					< 72.2	U
FB203	2					< 145	U	6					< 121	U
All Snohomish CB Locations	3					< 33.2	U	12					< 132	U
All Snohomish RB Locations	4					< 58.6	U	12					< 82.5	U
All Snohomish AG Locations	4					< 36.3	U	12					< 52.7	U
All Snohomish FB Locations	4					< 139	U	12					< 123	U
All Snohomish Locations	15					< 92.3	U	48					< 104	U
Puyallup Watershed														
CBA	2					< 32.9	U	6					< 86.8	U
CBB	1					< 6.81	U	6					< 49.7	U
RB53	2					< 20.1	U	6					< 19.6	U
RB209	2					< 26.7	U	6					< 25.7	U
AG143	2					< 19.9	U	6					< 52.6	U
AG62	2					< 33.1	U	6					< 77.7	U
FB130	2					< 110	U	6					< 83.8	U
FB372	2					< 31.4	U	6					< 64.2	U
All Puyallup CB Locations	3					< 22.7	U	12					< 72.0	U
All Puyallup RB Locations	4					< 24.0	U	12					< 24.1	U
All Puyallup AG Locations	4					< 28.3	U	12					< 68.7	U
All Puyallup FB Locations	4					< 42.7	U	12					< 68.1	U
All Puyallup Locations	15					< 28.6	U	48					< 63.9	U
All Monitoring Locations Combined														
All CB Locations	6					< 25.7	U	24					< 92.3	U
All RB Locations	8					< 40.9	U	24					< 52.7	U
All AG Locations	8					< 33.4	U	24					< 62.0	U
All FB Locations	8					< 115	U	24					< 120	U
All Locations	30					< 63.3	U	96					< 92.5	U

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-88. Absolute and unit area toxic chemical loading estimates for bisphenol a for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 102	U	6	94.3	126	136	189	204	
CBX	1					< 31.2	U	6	100	108	123	127	131	E
RB111	2					< 51.7	U	6	27.8	61.5	63.5	65.5	65.5	E
RB202	2					< 214	U	6	44.2	101	101	101	104	E
AG174	2					< 102	U	6					< 91.2	U
AGG	2					< 28.9	U	6	24.5	54.3	56.0	56.0	57.8	E
FB200	2					< 143	U	6	29.7	65.8	66.6	67.9	70.0	E
FB203	2					< 291	U	6	67.9	117	118	121	125	E
All Snohomish CB Locations	3					< 66.4	U	12	93.3	117	126	136	202	
All Snohomish RB Locations	4					< 114	U	12	34.0	76.2	77.6	78.6	80.1	E
All Snohomish AG Locations	4					< 70.4	U	12	21.7	49.6	50.3	51.2	51.2	E
All Snohomish FB Locations	4					< 277	U	12	50.6	112	114	116	119	E
All Snomomish Locations	15					< 185	U	48	42.8	94.9	97.9	101	159	E
Puyallup Watershed														
CBA	2					< 67.9	U	6	59.7	84.1	87.9	125	326	
CBB	1					< 14.1	U	6	27.9	34.1	48.1	65.2	77.6	
RB53	2					< 39.0	U	6					< 38.0	U
RB209	2					< 51.8	U	6					< 52.9	U
AG143	2					< 41.1	U	6					< 109	U
AG62	2	19.0		26.4		34.1	E	6					< 160	U
FB130	2					< 219	U	6					< 163	U
FB372	2					< 61.0	U	6					< 125	U
All Puyallup CB Locations	3					< 46.8	U	12	40.5	59.4	70.6	99.0	270	
All Puyallup RB Locations	4					< 46.6	U	12					< 46.9	U
All Puyallup AG Locations	4	16.3	22.3	28.7	29.2	29.2	E	12					< 142	U
All Puyallup FB Locations	4					< 82.8	U	12					< 133	U
All Puyallup Locations	15	15.5	26.9	27.8	27.8	27.8	E	48	30.3	52.1	53.8	55.5	202	E
All Monitoring Locations Combined														
All CB Locations	6					< 52.9	U	24	48.9	80.4	86.9	106	326	
All RB Locations	8					< 79.5	U	24	21.7	48.1	49.6	51.2	51.2	E
All AG Locations	8	18.1	31.5	31.5	32.4	32.4	E	24	25.5	56.6	58.4	60.2	60.2	E
All FB Locations	8					< 229	U	24	44.2	98.0	101	102	117	E
All Locations	30	34.3	59.6	59.6	61.5	63.3	E	96	34.1	75.4	77.9	80.3	292	E

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-89. Absolute and unit area toxic chemical loading estimates for caffeine for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 51.2	U	6	62.9	181	251	322	487	
CBX	1					< 15.6	U	6	61.6	92.4	119	185	254	
RB111	2					< 25.9	U	6					< 67.5	U
RB202	2					< 110	U	6					< 101	U
AG174	2					< 51.2	U	6					< 47.0	U
AGG	2					< 14.9	U	6					< 59.6	U
FB200	2					< 71.4	U	6					< 72.2	U
FB203	2					< 145	U	6					< 121	U
All Snohomish CB Locations	3					< 33.2	U	12	62.2	101	183	257	482	
All Snohomish RB Locations	4					< 58.6	U	12					< 82.5	U
All Snohomish AG Locations	4					< 36.3	U	12					< 52.7	U
All Snohomish FB Locations	4					< 139	U	12					< 123	U
All Snohomish Locations	15					< 92.3	U	48	45.9	49.0	49.0	52.0	379	E
Puyallup Watershed														
CBA	2					< 32.9	U	6	40.2	59.7	76.0	81.4	163	
CBB	1			3.95				6	43.5	55.9	63.6	106	124	
RB53	2					< 20.1	U	6					< 19.6	U
RB209	2					< 26.7	U	6					< 25.7	U
AG143	2					< 19.9	U	6					< 52.6	U
AG62	2					< 33.1	U	6					< 77.7	U
FB130	2					< 110	U	6					< 83.8	U
FB372	2					< 31.4	U	6					< 64.2	U
All Puyallup CB Locations	3	11.3	11.3	11.3	12.1	12.3	E	12	33.3	60.7	74.2	117	180	
All Puyallup RB Locations	4					< 24.0	U	12					< 24.1	U
All Puyallup AG Locations	4					< 28.3	U	12					< 68.7	U
All Puyallup FB Locations	4					< 42.7	U	12					< 68.1	U
All Puyallup Locations	15	12.6	13.5	13.5	14.1	14.6	E	48	24.9	26.9	26.9	30.3	135	E
All Monitoring Locations Combined														
All CB Locations	6	12.8	12.8	12.8	12.8	14.0	E	24	40.2	73.3	100	174	337	
All RB Locations	8					< 40.9	U	24					< 52.7	U
All AG Locations	8					< 33.4	U	24					< 62.0	U
All FB Locations	8					< 115	U	24					< 120	U
All Locations	30	27.9	29.8	29.8	31.7	32.4	E	96	36.0	38.9	38.9	41.4	302	E

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-90. Absolute and unit area toxic chemical loading estimates for carbazole for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 3.14	U	6	3.81	4.72	9.43	14.1	22.0	E
CBX	1					< 0.946	U	6	3.77	3.77	3.81	3.81	24.6	E
RB111	2					< 1.78	U	6					< 3.97	U
RB202	2					< 6.43	U	6					< 6.32	U
AG174	2					< 3.17	U	6					< 4.97	U
AGG	2	0.429		0.609		0.789	E	6					< 3.47	U
FB200	2					< 4.42	U	6					< 4.24	U
FB203	2					< 8.37	U	6					< 7.55	U
All Snohomish CB Locations	3					< 2.03	U	12	3.77	3.83	4.26	12.4	24.9	E
All Snohomish RB Locations	4					< 3.79	U	12					< 4.85	U
All Snohomish AG Locations	4	1.05	1.05	1.05	1.49	1.92	E	12					< 5.58	U
All Snohomish FB Locations	4					< 8.08	U	12					< 7.23	U
All Snohomish Locations	15	2.63	2.66	2.66	2.69	4.89	E	48	2.97	3.00	3.00	3.04	19.6	E
Puyallup Watershed														
CBA	2					< 2.02	U	6	2.66	2.69	9.50	14.7	15.2	
CBB	1					< 0.445	U	6	1.54	1.54	2.48	9.62	9.93	E
RB53	2					< 1.16	U	6					< 1.15	U
RB209	2					< 1.73	U	6	0.786	0.786	0.797	0.802	2.89	E
AG143	2					< 1.25	U	6	1.61	1.61	1.63	1.64	6.25	E
AG62	2					< 2.07	U	6	2.36	2.38	2.39	2.43	4.71	E
FB130	2					< 6.79	U	6					< 4.93	U
FB372	2					< 1.83	U	6	1.64	1.66	1.67	1.69	7.77	E
All Puyallup CB Locations	3					< 1.39	U	12	2.20	2.23	4.95	12.4	14.4	
All Puyallup RB Locations	4					< 1.55	U	12	0.689	0.689	0.700	0.710	2.56	E
All Puyallup AG Locations	4					< 1.77	U	12	2.08	2.10	2.12	2.15	8.15	E
All Puyallup FB Locations	4					< 2.48	U	12	1.74	1.76	1.77	1.78	8.24	E
All Puyallup Locations	15					< 1.85	U	48	1.63	1.65	1.67	1.68	10.8	E
All Monitoring Locations Combined														
All CB Locations	6					< 1.57	U	24	2.63	2.69	4.34	13.8	17.4	E
All RB Locations	8					< 2.65	U	24	1.50	1.50	1.53	1.55	5.58	E
All AG Locations	8	0.954	0.960	0.969	0.983	1.77	E	24	1.77	1.79	1.80	1.81	6.93	E
All FB Locations	8					< 6.68	U	24	3.07	3.10	3.10	3.14	14.5	E
All Locations	30	1.81	1.83	1.83	1.84	3.35	E	96	2.36	2.38	2.41	2.43	15.6	E

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-91. Absolute and unit area toxic chemical loading estimates for cholesterol for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	1					< 256	U	6	134	212	519	1020	1020	
CBX	0							6	262	304	390	539	847	
RB111	1			100				6	151	171	242	294	314	
RB202	1			338				6	94.8	145	264	335	550	
AG174	1			198				6	44.2	116	135	185	251	
AGG	1			57.0				6	49.0	151	180	228	666	
FB200	1					< 361	U	6	110	166	170	176	183	E
FB203	1					< 718	U	6	249	294	296	306	306	E
All Snohomish CB Locations	1					< 166	U	12	132	286	478	704	1010	
All Snohomish RB Locations	2	179		196		214		12	72.8	190	233	337	422	
All Snohomish AG Locations	2	132		135		139		12	43.4	132	160	205	589	
All Snohomish FB Locations	2					< 685	U	12	188	282	286	293	311	E
All Snohomish Locations	7	217	222	282	337	353		48	85.7	239	263	398	1160	
Puyallup Watershed														
CBA	1			152				6	179	320	733	868	868	
CBB	0							6	59.0	177	324	497	869	
RB53	1			66.1				6	21.9	44.4	64.0	83.0	207	
RB209	1					< 130	U	6	61.7	61.7	84.2	128	192	E
AG143	1			108				6	102	220	600	1150	1250	
AG62	1			227				6	146	345	522	923	1020	
FB130	1					< 548	U	6	195	195	225	591	641	E
FB372	1					< 153	U	6	50.7	139	262	406	575	
All Puyallup CB Locations	1			105				12	85.5	261	517	720	1260	
All Puyallup RB Locations	2	58.6		68.9		79.0	E	12	27.0	54.7	75.3	108	256	
All Puyallup AG Locations	2	154		174		195		12	129	296	483	1050	1630	
All Puyallup FB Locations	2					< 208	U	12	53.8	144	195	430	609	
All Puyallup Locations	7	67.3	69.9	94.3	141	185		48	50.5	134	247	488	1280	
All Monitoring Locations Combined														
All CB Locations	2	64.2		91.4		119	E	24	92.3	214	383	706	1520	
All RB Locations	4	99.9	112	130	142	149		24	46.5	119	149	227	558	
All AG Locations	4	122	125	149	194	216		24	51.1	157	245	602	1390	
All FB Locations	4					< 567	U	24	94.8	248	256	345	1070	E
All Locations	14	149	155	201	242	410		96	68.1	192	272	474	1850	

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-92. Absolute and unit area toxic chemical loading estimates for dibenzofuran for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (g/km ² /year)															
Baseflow						Storm Event									
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	
Snohomish Watershed															
CB335	2					< 3.14	U	6						< 9.43	U
CBX	1					< 0.946	U	6						< 7.62	U
RB111	2					< 1.78	U	6						< 3.97	U
RB202	2					< 6.43	U	6	3.07	3.10	3.13	3.16		6.13	E
AG174	2					< 3.17	U	6						< 2.73	U
AGG	2					< 0.867	U	6						< 3.47	U
FB200	2					< 4.42	U	6						< 4.24	U
FB203	2					< 8.37	U	6						< 7.55	U
All Snohomish CB Locations	3					< 2.03	U	12						< 9.33	U
All Snohomish RB Locations	4					< 3.79	U	12	2.35	2.37	2.40	2.41		4.71	E
All Snohomish AG Locations	4					< 2.11	U	12						< 3.07	U
All Snohomish FB Locations	4					< 8.08	U	12						< 7.23	U
All Snohomish Locations	15					< 5.97	U	48	2.97	3.00	3.00	3.03		5.94	E
Puyallup Watershed															
CBA	2					< 2.02	U	6						< 5.43	U
CBB	1					< 0.445	U	6						< 3.10	U
RB53	2					< 1.16	U	6						< 1.15	U
RB209	2					< 1.73	U	6						< 1.60	U
AG143	2					< 1.25	U	6						< 3.29	U
AG62	2					< 2.07	U	6						< 4.86	U
FB130	2					< 6.79	U	6						< 4.93	U
FB372	2					< 1.83	U	6						< 3.38	U
All Puyallup CB Locations	3					< 1.39	U	12						< 4.50	U
All Puyallup RB Locations	4					< 1.55	U	12						< 1.42	U
All Puyallup AG Locations	4					< 1.77	U	12						< 4.29	U
All Puyallup FB Locations	4					< 2.48	U	12						< 3.58	U
All Puyallup Locations	15					< 1.85	U	48						< 3.36	U
All Monitoring Locations Combined															
All CB Locations	6					< 1.57	U	24						< 6.52	U
All RB Locations	8					< 2.65	U	24	1.50	1.50	1.53	1.55		3.01	E
All AG Locations	8					< 1.97	U	24						< 3.65	U
All FB Locations	8					< 6.68	U	24						< 6.32	U
All Locations	30					< 4.10	U	96	2.36	2.38	2.40	2.41		4.72	E

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-93. Absolute and unit area toxic chemical loading estimates for ethanol, 2-chloro-, phosphate for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	0							3	70.7	80.6	110	151	165	
CBX	0							3	31.2	40.7	69.3	86.6	92.4	
RB111	0							3	15.5	17.6	23.8	34.5	38.1	
RB202	0							3	25.0	31.4	50.6	59.6	62.6	
AG174	0							3					< 22.9	U
AGG	0							3	13.3	16.1	24.5	32.4	35.0	
FB200	0							3	16.6	18.8	25.5	36.6	40.3	
FB203	0							3					< 60.4	U
All Snohomish CB Locations	0							6	31.5	70.0	81.7	109	163	
All Snohomish RB Locations	0							6	18.9	19.2	34.0	46.6	48.0	
All Snohomish AG Locations	0							6	11.8	12.4	12.7	21.7	31.0	E
All Snohomish FB Locations	0							6	28.2	28.2	28.8	43.4	68.7	E
All Snomomish Locations	0							24	23.3	24.4	36.7	58.5	129	
Puyallup Watershed														
CBA	0							2	21.4		35.2		48.8	E
CBB	0							2	12.0		41.7		71.4	E
RB53	0							2					< 9.22	U
RB209	0							2					< 12.8	U
AG143	0							2	12.8		19.6		26.3	E
AG62	0							2	18.9		26.5		34.0	E
FB130	0							2	19.5		27.0		34.5	E
FB372	0							2	13.7		18.7		23.7	E
All Puyallup CB Locations	0							4	17.3	17.5	29.2	72.0	103	E
All Puyallup RB Locations	0							4					< 11.4	U
All Puyallup AG Locations	0							4	16.7	16.7	23.4	32.2	34.3	E
All Puyallup FB Locations	0							4	14.2	14.3	19.8	25.1	25.1	E
All Puyallup Locations	0							16	13.0	13.2	13.5	23.6	77.4	E
All Monitoring Locations Combined														
All CB Locations	0							10	20.9	22.0	48.9	76.0	125	
All RB Locations	0							10	11.9	12.3	12.4	24.8	30.7	E
All AG Locations	0							10	13.9	14.2	15.0	25.5	36.5	E
All FB Locations	0							10	24.7	25.0	25.4	44.2	60.1	E
All Locations	0							40	18.5	19.2	20.0	43.8	112	E

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-94. Absolute and unit area toxic chemical loading estimates for hexachlorobutadiene for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 25.6	U	6					< 65.2	U
CBX	1					< 7.90	U	6					< 62.4	U
RB111	2					< 13.1	U	6					< 32.9	U
RB202	2					< 53.9	U	6					< 51.2	U
AG174	2					< 25.9	U	6					< 22.9	U
AGG	2					< 7.27	U	6					< 28.0	U
FB200	2					< 36.1	U	6					< 35.2	U
FB203	2					< 71.8	U	6					< 61.1	U
All Snohomish CB Locations	3					< 16.8	U	12					< 64.6	U
All Snohomish RB Locations	4					< 28.6	U	12					< 40.3	U
All Snohomish AG Locations	4					< 17.7	U	12					< 25.7	U
All Snohomish FB Locations	4					< 68.5	U	12					< 60.0	U
All Snohomish Locations	15					< 45.6	U	48					< 50.8	U
Puyallup Watershed														
CBA	2					< 16.9	U	6					< 44.5	U
CBB	1					< 3.45	U	6					< 25.5	U
RB53	2					< 9.80	U	6					< 9.45	U
RB209	2					< 13.0	U	6					< 13.0	U
AG143	2					< 10.1	U	6					< 27.0	U
AG62	2					< 16.9	U	6					< 39.8	U
FB130	2					< 54.8	U	6					< 40.9	U
FB372	2					< 15.3	U	6					< 30.4	U
All Puyallup CB Locations	3					< 11.6	U	12					< 36.9	U
All Puyallup RB Locations	4					< 11.7	U	12					< 11.6	U
All Puyallup AG Locations	4					< 14.5	U	12					< 35.2	U
All Puyallup FB Locations	4					< 20.8	U	12					< 32.3	U
All Puyallup Locations	15					< 14.0	U	48					< 30.3	U
All Monitoring Locations Combined														
All CB Locations	6					< 13.2	U	24					< 45.1	U
All RB Locations	8					< 20.0	U	24					< 25.8	U
All AG Locations	8					< 16.3	U	24					< 30.3	U
All FB Locations	8					< 56.7	U	24					< 56.9	U
All Locations	30					< 31.3	U	96					< 43.8	U

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-95. Absolute and unit area toxic chemical loading estimates for hexachlorocyclopentadiene for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 102	U	6					< 267	U
CBX	1					< 31.2	U	6					< 262	U
RB111	2					< 51.7	U	6					< 131	U
RB202	2					< 214	U	6					< 209	U
AG174	2					< 102	U	6					< 91.2	U
AGG	2					< 28.9	U	6					< 116	U
FB200	2					< 143	U	6					< 140	U
FB203	2					< 291	U	6					< 249	U
All Snohomish CB Locations	3					< 66.4	U	12					< 264	U
All Snohomish RB Locations	4					< 114	U	12					< 160	U
All Snohomish AG Locations	4					< 70.4	U	12					< 102	U
All Snohomish FB Locations	4					< 277	U	12					< 239	U
All Snohomish Locations	15					< 185	U	48					< 208	U
Puyallup Watershed														
CBA	2					< 67.9	U	6					< 429	U
CBB	1					< 14.1	U	6					< 245	U
RB53	2					< 39.0	U	6					< 93.4	U
RB209	2					< 51.8	U	6					< 125	U
AG143	2					< 41.1	U	6					< 260	U
AG62	2					< 68.2	U	6					< 393	U
FB130	2					< 219	U	6					< 394	U
FB372	2					< 61.0	U	6					< 267	U
All Puyallup CB Locations	3					< 46.8	U	12					< 355	U
All Puyallup RB Locations	4					< 46.6	U	12					< 115	U
All Puyallup AG Locations	4					< 58.4	U	12					< 348	U
All Puyallup FB Locations	4					< 82.8	U	12					< 287	U
All Puyallup Locations	15					< 55.6	U	48					< 273	U
All Monitoring Locations Combined														
All CB Locations	6					< 52.9	U	24					< 429	U
All RB Locations	8					< 79.5	U	24					< 251	U
All AG Locations	8					< 64.9	U	24					< 296	U
All FB Locations	8					< 229	U	24					< 506	U
All Locations	30					< 127	U	96					< 394	U

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-96. Absolute and unit area toxic chemical loading estimates for hexachloroethane for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (g/km ² /year)														
Baseflow						Storm Event								
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 25.6	U	6					< 65.2	U
CBX	1					< 7.90	U	6					< 62.4	U
RB111	2					< 13.1	U	6					< 127	U
RB202	2					< 53.9	U	6					< 51.2	U
AG174	2					< 25.9	U	6					< 22.9	U
AGG	2					< 7.27	U	6					< 28.0	U
FB200	2					< 36.1	U	6					< 35.2	U
FB203	2					< 71.8	U	6					< 61.1	U
All Snohomish CB Locations	3					< 16.8	U	12					< 64.6	U
All Snohomish RB Locations	4					< 28.6	U	12					< 155	U
All Snohomish AG Locations	4					< 17.7	U	12					< 25.7	U
All Snohomish FB Locations	4					< 68.5	U	12					< 60.0	U
All Snohomish Locations	15					< 45.6	U	48					< 196	U
Puyallup Watershed														
CBA	2					< 16.9	U	6					< 44.5	U
CBB	1					< 3.45	U	6					< 25.5	U
RB53	2					< 9.80	U	6					< 9.45	U
RB209	2					< 13.0	U	6					< 13.0	U
AG143	2					< 10.1	U	6					< 27.0	U
AG62	2					< 16.9	U	6					< 39.8	U
FB130	2					< 54.8	U	6					< 40.9	U
FB372	2					< 15.3	U	6					< 30.4	U
All Puyallup CB Locations	3					< 11.6	U	12					< 36.9	U
All Puyallup RB Locations	4					< 11.7	U	12					< 11.6	U
All Puyallup AG Locations	4					< 14.5	U	12					< 35.2	U
All Puyallup FB Locations	4					< 20.8	U	12					< 32.3	U
All Puyallup Locations	15					< 14.0	U	48					< 30.3	U
All Monitoring Locations Combined														
All CB Locations	6					< 13.2	U	24					< 45.1	U
All RB Locations	8					< 20.0	U	24					< 99.3	U
All AG Locations	8					< 16.3	U	24					< 30.3	U
All FB Locations	8					< 56.7	U	24					< 56.9	U
All Locations	30					< 31.3	U	96					< 156	U

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-97. Absolute and unit area toxic chemical loading estimates for isophorone for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 51.2	U	6					< 134	U
CBX	1					< 15.6	U	6					< 131	U
RB111	2					< 25.9	U	6					< 67.5	U
RB202	2					< 110	U	6					< 101	U
AG174	2					< 51.2	U	6					< 47.0	U
AGG	2					< 14.9	U	6					< 59.6	U
FB200	2					< 71.4	U	6					< 72.2	U
FB203	2					< 145	U	6					< 121	U
All Snohomish CB Locations	3					< 33.2	U	12					< 132	U
All Snohomish RB Locations	4					< 58.6	U	12					< 82.5	U
All Snohomish AG Locations	4					< 36.3	U	12					< 52.7	U
All Snohomish FB Locations	4					< 139	U	12					< 123	U
All Snohomish Locations	15					< 92.3	U	48					< 104	U
Puyallup Watershed														
CBA	2					< 32.9	U	6					< 86.8	U
CBB	1					< 6.81	U	6					< 49.7	U
RB53	2					< 20.1	U	6					< 19.6	U
RB209	2					< 26.7	U	6					< 25.7	U
AG143	2					< 19.9	U	6					< 52.6	U
AG62	2					< 33.1	U	6					< 77.7	U
FB130	2					< 110	U	6					< 83.8	U
FB372	2					< 31.4	U	6					< 64.2	U
All Puyallup CB Locations	3					< 22.7	U	12					< 72.0	U
All Puyallup RB Locations	4					< 24.0	U	12					< 24.1	U
All Puyallup AG Locations	4					< 28.3	U	12					< 68.7	U
All Puyallup FB Locations	4					< 42.7	U	12					< 68.1	U
All Puyallup Locations	15					< 28.6	U	48					< 63.9	U
All Monitoring Locations Combined														
All CB Locations	6					< 25.7	U	24					< 92.3	U
All RB Locations	8					< 40.9	U	24					< 52.7	U
All AG Locations	8					< 33.4	U	24					< 62.0	U
All FB Locations	8					< 115	U	24					< 120	U
All Locations	30					< 63.3	U	96					< 92.5	U

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-98. Absolute and unit area toxic chemical loading estimates for m-nitroaniline for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 102	U	3					< 267	U
CBX	1					< 31.2	U	3					< 254	U
RB111	2					< 51.7	U	3					< 131	U
RB202	2					< 214	U	3					< 202	U
AG174	2					< 102	U	3					< 91.2	U
AGG	2					< 28.9	U	3					< 112	U
FB200	2					< 143	U	3					< 136	U
FB203	2					< 291	U	3					< 241	U
All Snohomish CB Locations	3					< 66.4	U	6					< 264	U
All Snohomish RB Locations	4					< 114	U	6					< 160	U
All Snohomish AG Locations	4					< 70.4	U	6					< 102	U
All Snohomish FB Locations	4					< 277	U	6					< 231	U
All Snohomish Locations	15					< 185	U	24					< 208	U
Puyallup Watershed														
CBA	2					< 67.9	U	2					< 174	U
CBB	1					< 14.1	U	4					< 99.3	U
RB53	2					< 39.0	U	4					< 36.9	U
RB209	2					< 51.8	U	4					< 49.7	U
AG143	2					< 41.1	U	4					< 105	U
AG62	2					< 68.2	U	4					< 160	U
FB130	2					< 219	U	4					< 158	U
FB372	2					< 61.0	U	4					< 112	U
All Puyallup CB Locations	3					< 46.8	U	6					< 144	U
All Puyallup RB Locations	4					< 46.6	U	8					< 45.4	U
All Puyallup AG Locations	4					< 58.4	U	8					< 142	U
All Puyallup FB Locations	4					< 82.8	U	8					< 118	U
All Puyallup Locations	15					< 55.6	U	30					< 111	U
All Monitoring Locations Combined														
All CB Locations	6					< 52.9	U	12					< 185	U
All RB Locations	8					< 79.5	U	14					< 102	U
All AG Locations	8					< 64.9	U	14					< 120	U
All FB Locations	8					< 229	U	14					< 209	U
All Locations	30					< 127	U	54					< 165	U

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-99. Absolute and unit area toxic chemical loading estimates for nitrobenzene for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 25.6	U	6					< 65.2	U
CBX	1					< 7.90	U	6					< 62.4	U
RB111	2					< 13.1	U	6					< 32.9	U
RB202	2					< 53.9	U	6					< 51.2	U
AG174	2					< 25.9	U	6					< 22.9	U
AGG	2					< 7.27	U	6					< 28.0	U
FB200	2					< 36.1	U	6					< 35.2	U
FB203	2					< 71.8	U	6					< 61.1	U
All Snohomish CB Locations	3					< 16.8	U	12					< 64.6	U
All Snohomish RB Locations	4					< 28.6	U	12					< 40.3	U
All Snohomish AG Locations	4					< 17.7	U	12					< 25.7	U
All Snohomish FB Locations	4					< 68.5	U	12					< 60.0	U
All Snohomish Locations	15					< 45.6	U	48					< 50.8	U
Puyallup Watershed														
CBA	2					< 16.9	U	6					< 44.5	U
CBB	1					< 3.45	U	6					< 25.5	U
RB53	2					< 9.80	U	6					< 9.45	U
RB209	2					< 13.0	U	6					< 13.0	U
AG143	2					< 10.1	U	6					< 27.0	U
AG62	2					< 16.9	U	6					< 39.8	U
FB130	2					< 54.8	U	6					< 40.9	U
FB372	2					< 15.3	U	6					< 30.4	U
All Puyallup CB Locations	3					< 11.6	U	12					< 36.9	U
All Puyallup RB Locations	4					< 11.7	U	12					< 11.6	U
All Puyallup AG Locations	4					< 14.5	U	12					< 35.2	U
All Puyallup FB Locations	4					< 20.8	U	12					< 32.3	U
All Puyallup Locations	15					< 14.0	U	48					< 30.3	U
All Monitoring Locations Combined														
All CB Locations	6					< 13.2	U	24					< 45.1	U
All RB Locations	8					< 20.0	U	24					< 25.8	U
All AG Locations	8					< 16.3	U	24					< 30.3	U
All FB Locations	8					< 56.7	U	24					< 56.9	U
All Locations	30					< 31.3	U	96					< 43.8	U

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-100. Absolute and unit area toxic chemical loading estimates for n-nitrosodimethylamine for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (g/km ² /year)														
Baseflow								Storm Event						
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	0							2					< 259	U
CBX	0							2					< 254	U
RB111	0							2					< 131	U
RB202	0							2					< 202	U
AG174	0							2					< 91.2	U
AGG	0							2					< 112	U
FB200	0							2					< 136	U
FB203	0							2					< 241	U
All Snohomish CB Locations	0							4					< 257	U
All Snohomish RB Locations	0							4					< 160	U
All Snohomish AG Locations	0							4					< 102	U
All Snohomish FB Locations	0							4					< 231	U
All Snohomish Locations	0							16					< 202	U
Puyallup Watershed														
CBA	0							1					< 174	U
CBB	0							1					< 96.2	U
RB53	0							1					< 36.9	U
RB209	0							1					< 49.7	U
AG143	0							1					< 102	U
AG62	0							1					< 151	U
FB130	0							1					< 158	U
FB372	0							1					< 112	U
All Puyallup CB Locations	0							2					< 144	U
All Puyallup RB Locations	0							2					< 45.4	U
All Puyallup AG Locations	0							2					< 133	U
All Puyallup FB Locations	0							2					< 118	U
All Puyallup Locations	0							8					< 111	U
All Monitoring Locations Combined														
All CB Locations	0							6					< 179	U
All RB Locations	0							6					< 102	U
All AG Locations	0							6					< 120	U
All FB Locations	0							6					< 209	U
All Locations	0							24					< 161	U

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-101. Absolute and unit area toxic chemical loading estimates for n-nitrosodi-n-propylamine for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 30.7	U	6					< 78.6	U
CBX	1					< 9.46	U	6					< 77.0	U
RB111	2					< 15.7	U	6					< 39.7	U
RB202	2					< 64.9	U	6					< 63.2	U
AG174	2					< 31.0	U	6					< 27.6	U
AGG	2					< 8.76	U	6					< 35.0	U
FB200	2					< 43.3	U	6					< 42.4	U
FB203	2					< 85.5	U	6					< 75.5	U
All Snohomish CB Locations	3					< 20.1	U	12					< 77.8	U
All Snohomish RB Locations	4					< 34.5	U	12					< 48.5	U
All Snohomish AG Locations	4					< 21.3	U	12					< 31.0	U
All Snohomish FB Locations	4					< 81.6	U	12					< 72.3	U
All Snohomish Locations	15					< 54.3	U	48					< 61.2	U
Puyallup Watershed														
CBA	2					< 20.2	U	6					< 53.2	U
CBB	1					< 4.18	U	6					< 31.0	U
RB53	2					< 11.7	U	6					< 11.5	U
RB209	2					< 15.7	U	6					< 16.0	U
AG143	2					< 12.2	U	6					< 32.9	U
AG62	2					< 20.2	U	6					< 48.6	U
FB130	2					< 65.8	U	6					< 48.8	U
FB372	2					< 18.5	U	6					< 37.2	U
All Puyallup CB Locations	3					< 13.9	U	12					< 45.0	U
All Puyallup RB Locations	4					< 14.1	U	12					< 14.2	U
All Puyallup AG Locations	4					< 17.4	U	12					< 42.9	U
All Puyallup FB Locations	4					< 25.1	U	12					< 39.4	U
All Puyallup Locations	15					< 16.8	U	48					< 37.0	U
All Monitoring Locations Combined														
All CB Locations	6					< 15.7	U	24					< 54.3	U
All RB Locations	8					< 24.1	U	24					< 31.0	U
All AG Locations	8					< 19.7	U	24					< 36.5	U
All FB Locations	8					< 67.5	U	24					< 69.5	U
All Locations	30					< 37.2	U	96					< 53.5	U

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-102. Absolute and unit area toxic chemical loading estimates for n-nitrosodiphenylamine for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	1					< 51.2	U	5					< 134	U
CBX	0							5					< 131	U
RB111	1					< 25.9	U	5					< 67.5	U
RB202	1					< 110	U	5					< 101	U
AG174	1					< 51.2	U	5					< 47.0	U
AGG	1					< 14.0	U	5					< 56.0	U
FB200	1					< 71.4	U	5					< 72.2	U
FB203	1					< 145	U	5					< 121	U
All Snohomish CB Locations	1					< 33.2	U	10					< 132	U
All Snohomish RB Locations	2					< 58.6	U	10					< 82.5	U
All Snohomish AG Locations	2					< 34.1	U	10					< 52.7	U
All Snohomish FB Locations	2					< 139	U	10					< 123	U
All Snohomish Locations	7					< 92.3	U	40					< 104	U
Puyallup Watershed														
CBA	1					< 32.9	U	5	16.3	34.7	43.4	43.4	43.4	E
CBB	0							5					< 49.7	U
RB53	1					< 18.9	U	5					< 18.4	U
RB209	1					< 26.7	U	5					< 25.7	U
AG143	1					< 19.9	U	5					< 52.6	U
AG62	1					< 33.1	U	5					< 77.7	U
FB130	1					< 110	U	5					< 83.8	U
FB372	1					< 31.4	U	5					< 54.1	U
All Puyallup CB Locations	1					< 22.7	U	10	13.5	33.7	36.0	36.0	36.0	E
All Puyallup RB Locations	2					< 24.0	U	10					< 22.7	U
All Puyallup AG Locations	2					< 28.3	U	10					< 68.7	U
All Puyallup FB Locations	2					< 42.7	U	10					< 60.9	U
All Puyallup Locations	7					< 28.6	U	40	10.1	26.2	26.9	26.9	28.6	E
All Monitoring Locations Combined														
All CB Locations	2					< 25.7	U	20	16.3	42.4	43.4	43.4	46.2	E
All RB Locations	4					< 40.9	U	20					< 52.7	U
All AG Locations	4					< 31.5	U	20					< 62.0	U
All FB Locations	4					< 115	U	20					< 107	U
All Locations	14					< 63.3	U	80	14.6	38.9	38.9	38.9	41.4	E

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-103. Absolute and unit area toxic chemical loading estimates for p-cresol for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 256	U	6					< 660	U
CBX	1					< 79.0	U	6	46.2	293	308	320	323	E
RB111	2					< 131	U	6					< 329	U
RB202	2					< 539	U	6					< 512	U
AG174	2					< 259	U	6					< 229	U
AGG	2					< 72.7	U	6					< 291	U
FB200	2					< 361	U	6					< 352	U
FB203	2					< 718	U	6					< 611	U
All Snohomish CB Locations	3					< 168	U	12	46.7	305	307	323	327	E
All Snohomish RB Locations	4					< 286	U	12					< 403	U
All Snohomish AG Locations	4					< 177	U	12					< 257	U
All Snohomish FB Locations	4					< 685	U	12					< 600	U
All Snohomish Locations	15					< 456	U	48	36.7	242	245	249	257	E
Puyallup Watershed														
CBA	2					< 169	U	6	81.4	206	210	214	223	E
CBB	1					< 34.5	U	6	102	120	120	123	127	E
RB53	2					< 98.0	U	6	4.84	44.4	46.5	47.3	47.8	E
RB209	2					< 130	U	6					< 131	U
AG143	2	21.2		35.8		50.5	E	6					< 270	U
AG62	2					< 169	U	6	29.1	185	188	197	199	E
FB130	2					< 548	U	6					< 409	U
FB372	2					< 153	U	6	16.2	130	134	139	157	E
All Puyallup CB Locations	3					< 116	U	12	67.5	171	174	178	184	E
All Puyallup RB Locations	4					< 117	U	12	5.96	54.7	56.1	57.8	58.9	E
All Puyallup AG Locations	4	30.1	50.8	71.7	72.1	72.6	E	12	25.7	166	168	173	176	E
All Puyallup FB Locations	4					< 208	U	12	17.2	141	142	145	167	E
All Puyallup Locations	15	28.6	66.7	68.2	69.0	69.9	E	48	14.1	130	133	136	156	E
All Monitoring Locations Combined														
All CB Locations	6					< 132	U	24	32.6	207	214	221	228	E
All RB Locations	8					< 200	U	24	13.0	121	123	126	129	E
All AG Locations	8	33.4	78.7	79.6	80.0	81.6	E	24	21.9	142	146	150	151	E
All FB Locations	8					< 567	U	24	30.3	247	250	256	294	E
All Locations	30	63.3	147	151	153	156	E	96	20.4	190	192	197	226	E

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-104. Absolute and unit area toxic chemical loading estimates for pentachlorophenol for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 19.5	U	6	18.1	21.2	22.4	25.9	25.9	
CBX	1			2.24				6	23.9	30.8	40.8	43.9	63.1	
RB111	2					< 10.5	U	6	7.15	7.54	12.1	12.5	12.9	E
RB202	2	10.4		10.4		10.4		6	15.8	16.4	24.0	32.9	33.5	
AG174	2	9.28		10.9		12.5		6	6.91	7.46	7.73	12.7	12.7	
AGG	2	1.31		1.62		1.93		6	3.85	6.31	9.28	13.0	28.0	
FB200	2					< 27.2	U	6					< 27.2	U
FB203	2					< 52.1	U	6	13.6	14.3	23.2	23.4	24.1	E
All Snohomish CB Locations	3	4.77	5.16	6.33	6.33	6.33	E	12	17.9	22.2	25.7	41.2	63.8	
All Snohomish RB Locations	4	5.51	5.51	8.03	10.9	11.2	E	12	8.73	12.4	15.1	18.4	25.7	
All Snohomish AG Locations	4	3.20	3.95	5.44	7.25	8.32		12	3.41	7.45	8.69	12.9	24.8	
All Snohomish FB Locations	4					< 49.8	U	12	13.0	21.8	22.4	22.8	23.1	E
All Snohomish Locations	15	8.15	12.1	16.6	16.6	21.2	E	48	6.73	16.5	19.0	21.4	50.2	
Puyallup Watershed														
CBA	2	3.50		4.88		6.28	E	6	7.60	15.2	16.6	17.4	17.6	
CBB	1					< 2.77	U	6	8.69	9.62	11.3	14.9	14.9	
RB53	2	1.77		2.66		3.54	E	6	1.84	2.65	3.54	3.63	6.80	E
RB209	2					< 10.0	U	6	1.76	4.89	4.92	5.05	5.05	E
AG143	2	3.80		3.96		4.11	E	6	10.2	11.5	14.3	36.2	49.3	
AG62	2	4.96		5.68		6.40	E	6	12.1	14.1	27.9	33.5	204	
FB130	2					< 42.5	U	6					< 30.5	U
FB372	2					< 11.5	U	6					< 21.6	U
All Puyallup CB Locations	3	2.41	2.89	4.32	4.32	4.32	E	12	6.30	13.0	14.2	16.4	21.6	
All Puyallup RB Locations	4	2.12	3.17	4.26	4.40	4.51	E	12	1.56	3.81	4.36	4.47	8.38	E
All Puyallup AG Locations	4	4.25	4.82	5.44	5.67	5.84	E	12	10.7	14.2	21.7	38.4	180	
All Puyallup FB Locations	4					< 15.6	U	12					< 22.9	U
All Puyallup Locations	15	2.53	5.05	5.13	5.22	5.56	E	48	3.70	10.3	10.4	12.3	141	
All Monitoring Locations Combined														
All CB Locations	6	2.73	3.69	4.89	4.89	4.89	E	24	7.60	15.5	17.5	23.9	44.5	
All RB Locations	8	3.61	3.85	7.27	7.51	7.83	E	24	3.41	7.91	9.62	9.93	18.3	E
All AG Locations	8	2.95	4.52	5.86	6.29	7.67		24	4.01	10.0	13.1	21.0	153	
All FB Locations	8					< 41.8	U	24	11.4	19.3	19.6	19.7	20.2	E
All Locations	30	5.59	8.94	11.4	11.4	14.5	E	96	5.35	14.1	15.1	17.8	204	

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-105. Absolute and unit area toxic chemical loading estimates for phenol for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 102	U	6	23.6	126	127	134	173	E
CBX	1					< 31.2	U	6	119	123	125	131	169	E
RB111	2					< 51.7	U	6					< 131	U
RB202	2					< 214	U	6					< 209	U
AG174	2					< 102	U	6	45.6	45.6	45.6	45.6	55.2	E
AGG	2					< 28.9	U	6	56.0	56.0	56.0	57.8	66.6	E
FB200	2					< 143	U	6					< 140	U
FB203	2					< 291	U	6					< 249	U
All Snohomish CB Locations	3					< 66.4	U	12	23.3	124	126	132	171	E
All Snohomish RB Locations	4					< 114	U	12					< 160	U
All Snohomish AG Locations	4					< 70.4	U	12	49.6	49.6	51.2	51.2	62.0	E
All Snohomish FB Locations	4					< 277	U	12					< 239	U
All Snohomish Locations	15					< 185	U	48	18.4	97.9	97.9	101	135	E
Puyallup Watershed														
CBA	2					< 67.9	U	6	38.0	81.4	84.1	86.8	89.6	E
CBB	1					< 14.1	U	6	46.6	48.1	48.1	49.7	51.2	E
RB53	2					< 39.0	U	6	3.46	17.9	18.4	18.4	19.0	E
RB209	2					< 51.8	U	6					< 52.9	U
AG143	2					< 41.1	U	6					< 109	U
AG62	2					< 68.2	U	6	14.6	75.3	75.3	80.1	80.1	E
FB130	2					< 219	U	6					< 163	U
FB372	2					< 61.0	U	6					< 125	U
All Puyallup CB Locations	3					< 46.8	U	12	31.5	68.8	69.7	72.0	74.2	E
All Puyallup RB Locations	4					< 46.6	U	12	4.26	22.0	22.3	23.0	23.4	E
All Puyallup AG Locations	4					< 58.4	U	12	12.9	66.5	67.4	69.5	70.8	E
All Puyallup FB Locations	4					< 82.8	U	12					< 133	U
All Puyallup Locations	15					< 55.6	U	48	10.1	52.1	53.8	54.5	62.2	E
All Monitoring Locations Combined														
All CB Locations	6					< 52.9	U	24	16.3	84.2	86.9	89.6	119	E
All RB Locations	8					< 79.5	U	24	9.31	48.1	49.6	50.3	51.2	E
All AG Locations	8					< 64.9	U	24	10.9	57.3	58.4	60.2	73.0	E
All FB Locations	8					< 229	U	24					< 234	U
All Locations	30					< 127	U	96	14.6	75.4	77.9	80.3	107	E

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-106. Absolute and unit area toxic chemical loading estimates for nonylphenol for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 102	U	6	62.9	122	126	126	130	E
CBX	1					< 31.2	U	6					< 262	U
RB111	2					< 51.7	U	6					< 131	U
RB202	2					< 214	U	6					< 209	U
AG174	2					< 102	U	6					< 91.2	U
AGG	2					< 28.9	U	6					< 116	U
FB200	2					< 143	U	6					< 140	U
FB203	2					< 291	U	6					< 249	U
All Snohomish CB Locations	3					< 66.4	U	12	62.2	122	124	128	132	E
All Snohomish RB Locations	4					< 114	U	12					< 160	U
All Snohomish AG Locations	4					< 70.4	U	12					< 102	U
All Snohomish FB Locations	4					< 277	U	12					< 239	U
All Snohomish Locations	15					< 185	U	48	49.0	97.9	97.9	101	104	E
Puyallup Watershed														
CBA	2					< 67.9	U	6					< 179	U
CBB	1					< 14.1	U	6					< 102	U
RB53	2					< 39.0	U	6					< 38.0	U
RB209	2					< 51.8	U	6					< 52.9	U
AG143	2					< 41.1	U	6					< 109	U
AG62	2					< 68.2	U	6					< 160	U
FB130	2					< 219	U	6					< 163	U
FB372	2					< 61.0	U	6					< 125	U
All Puyallup CB Locations	3					< 46.8	U	12					< 148	U
All Puyallup RB Locations	4					< 46.6	U	12					< 46.9	U
All Puyallup AG Locations	4					< 58.4	U	12					< 142	U
All Puyallup FB Locations	4					< 82.8	U	12					< 133	U
All Puyallup Locations	15					< 55.6	U	48					< 124	U
All Monitoring Locations Combined														
All CB Locations	6					< 52.9	U	24	43.4	84.2	86.9	88.0	92.3	E
All RB Locations	8					< 79.5	U	24					< 102	U
All AG Locations	8					< 64.9	U	24					< 120	U
All FB Locations	8					< 229	U	24					< 234	U
All Locations	30					< 127	U	96	38.9	75.4	77.9	80.3	90.0	E

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-107. Absolute and unit area toxic chemical loading estimates for retene for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 3.14	U	6	4.72	4.72	5.42	7.54	7.86	
CBX	1					< 0.946	U	6	3.81	6.01	7.35	8.47	12.3	
RB111	2					< 1.78	U	6	0.397	1.93	1.95	2.66	3.26	E
RB202	2					< 6.43	U	6	3.07	3.10	3.14	3.86	4.36	E
AG174	2					< 3.17	U	6	0.773	1.34	1.34	2.38	2.76	E
AGG	2					< 0.867	U	6					< 3.47	U
FB200	2					< 4.42	U	6					< 4.24	U
FB203	2					< 8.37	U	6	3.66	3.70	3.74	8.30	9.81	E
All Snohomish CB Locations	3					< 2.03	U	12	3.85	4.86	6.57	7.78	12.4	
All Snohomish RB Locations	4					< 3.79	U	12	0.485	2.35	2.40	3.11	3.98	E
All Snohomish AG Locations	4					< 2.11	U	12	0.869	1.50	1.52	1.54	3.10	E
All Snohomish FB Locations	4					< 8.08	U	12	3.51	3.54	3.54	3.62	9.40	E
All Snohomish Locations	15					< 5.97	U	48	0.612	3.00	3.03	4.62	9.79	E
Puyallup Watershed														
CBA	2					< 2.02	U	6	2.50	2.66	4.04	5.97	9.23	
CBB	1					< 0.445	U	6	1.51	1.52	1.54	1.55	3.73	E
RB53	2					< 1.16	U	6	0.184	0.559	0.568	1.61	1.84	E
RB209	2					< 1.73	U	6	0.778	0.794	1.07	2.57	2.57	
AG143	2					< 1.25	U	6	0.888	1.61	1.62	1.63	1.63	E
AG62	2					< 2.07	U	6					< 4.86	U
FB130	2					< 6.79	U	6	2.39	2.44	7.14	8.38	20.2	
FB372	2					< 1.83	U	6	1.32	1.67	1.68	8.79	8.79	E
All Puyallup CB Locations	3					< 1.39	U	12	2.07	2.20	2.24	4.70	7.65	E
All Puyallup RB Locations	4					< 1.55	U	12	0.227	0.689	0.731	2.13	2.27	
All Puyallup AG Locations	4					< 1.77	U	12	1.16	2.09	2.10	2.12	2.15	E
All Puyallup FB Locations	4					< 2.48	U	12	1.40	1.77	3.41	7.71	14.7	
All Puyallup Locations	15					< 1.85	U	48	0.538	1.65	1.67	3.87	13.8	E
All Monitoring Locations Combined														
All CB Locations	6					< 1.57	U	24	2.50	2.69	3.75	5.43	9.23	
All RB Locations	8					< 2.65	U	24	0.310	1.50	1.54	2.33	4.96	E
All AG Locations	8					< 1.97	U	24	0.985	1.77	1.79	1.81	3.65	E
All FB Locations	8					< 6.68	U	24	2.47	3.10	3.14	8.53	25.9	E
All Locations	30					< 4.10	U	96	0.487	2.38	2.41	4.09	20.0	E

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

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U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-108. Absolute and unit area toxic chemical loading estimates for triclosan for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 25.6	U	6					< 65.2	U
CBX	1					< 7.90	U	6					< 62.4	U
RB111	2					< 13.1	U	6					< 32.9	U
RB202	2					< 53.9	U	6					< 51.2	U
AG174	2					< 25.9	U	6					< 22.9	U
AGG	2					< 7.27	U	6					< 28.0	U
FB200	2					< 36.1	U	6					< 35.2	U
FB203	2					< 71.8	U	6					< 61.1	U
All Snohomish CB Locations	3					< 16.8	U	12					< 64.6	U
All Snohomish RB Locations	4					< 28.6	U	12					< 40.3	U
All Snohomish AG Locations	4					< 17.7	U	12					< 25.7	U
All Snohomish FB Locations	4					< 68.5	U	12					< 60.0	U
All Snohomish Locations	15					< 45.6	U	48					< 50.8	U
Puyallup Watershed														
CBA	2					< 16.9	U	6					< 44.5	U
CBB	1					< 3.45	U	6					< 25.5	U
RB53	2					< 9.80	U	6					< 9.45	U
RB209	2					< 13.0	U	6	6.17	6.17	6.33	6.41	6.49	E
AG143	2					< 10.1	U	6					< 27.0	U
AG62	2					< 16.9	U	6					< 39.8	U
FB130	2					< 54.8	U	6					< 40.9	U
FB372	2					< 15.3	U	6					< 30.4	U
All Puyallup CB Locations	3					< 11.6	U	12					< 36.9	U
All Puyallup RB Locations	4					< 11.7	U	12	5.47	5.51	5.68	5.71	5.82	E
All Puyallup AG Locations	4					< 14.5	U	12					< 35.2	U
All Puyallup FB Locations	4					< 20.8	U	12					< 32.3	U
All Puyallup Locations	15					< 14.0	U	48	12.8	13.2	13.5	13.5	15.1	E
All Monitoring Locations Combined														
All CB Locations	6					< 13.2	U	24					< 45.1	U
All RB Locations	8					< 20.0	U	24	11.9	12.3	12.4	12.4	12.9	E
All AG Locations	8					< 16.3	U	24					< 30.3	U
All FB Locations	8					< 56.7	U	24					< 56.9	U
All Locations	30					< 31.3	U	96	18.5	19.2	19.5	19.5	21.9	E

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-109. Absolute and unit area toxic chemical loading estimates for triethyl citrate for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 102	U	6	47.2	122	126	130	134	E
CBX	1					< 31.2	U	6	30.8	100	121	127	131	E
RB111	2					< 51.7	U	6					< 131	U
RB202	2					< 214	U	6					< 209	U
AG174	2					< 102	U	6	21.0	44.2	45.6	45.6	45.6	E
AGG	2					< 28.9	U	6					< 116	U
FB200	2					< 143	U	6					< 140	U
FB203	2					< 291	U	6					< 249	U
All Snohomish CB Locations	3					< 66.4	U	12	31.1	110	124	128	132	E
All Snohomish RB Locations	4					< 114	U	12					< 160	U
All Snohomish AG Locations	4					< 70.4	U	12	23.6	49.6	49.6	51.2	51.2	E
All Snohomish FB Locations	4					< 277	U	12					< 239	U
All Snohomish Locations	15					< 185	U	48	24.5	94.9	97.9	101	104	E
Puyallup Watershed														
CBA	2					< 67.9	U	6					< 179	U
CBB	1					< 14.1	U	6					< 102	U
RB53	2					< 39.0	U	6					< 38.0	U
RB209	2					< 51.8	U	6					< 52.9	U
AG143	2					< 41.1	U	6					< 109	U
AG62	2					< 68.2	U	6					< 160	U
FB130	2					< 219	U	6					< 163	U
FB372	2					< 61.0	U	6					< 125	U
All Puyallup CB Locations	3					< 46.8	U	12					< 148	U
All Puyallup RB Locations	4					< 46.6	U	12					< 46.9	U
All Puyallup AG Locations	4					< 58.4	U	12					< 142	U
All Puyallup FB Locations	4					< 82.8	U	12					< 133	U
All Puyallup Locations	15					< 55.6	U	48					< 124	U
All Monitoring Locations Combined														
All CB Locations	6					< 52.9	U	24	21.7	84.2	85.2	88.0	92.3	E
All RB Locations	8					< 79.5	U	24					< 102	U
All AG Locations	8					< 64.9	U	24	27.7	56.6	58.4	60.2	60.2	E
All FB Locations	8					< 229	U	24					< 234	U
All Locations	30					< 127	U	96	19.5	75.4	77.9	80.3	90.0	E

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-110. Absolute and unit area toxic chemical loading estimates for total chlordane for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 0.0641	U	6					< 2.36	U
CBX	1					< 0.0195	U	6					< 1.92	U
RB111	2					< 0.0339	U	6					< 0.992	U
RB202	2					< 0.130	U	6					< 1.64	U
AG174	2					< 0.0640	U	6					< 0.718	U
AGG	2					< 0.0175	U	6					< 0.911	U
FB200	2					< 0.0892	U	6					< 1.10	U
FB203	2					< 0.171	U	6					< 1.96	U
All Snohomish CB Locations	3					< 0.0415	U	12					< 2.33	U
All Snohomish RB Locations	4					< 0.0723	U	12					< 1.26	U
All Snohomish AG Locations	4					< 0.0427	U	12					< 0.807	U
All Snohomish FB Locations	4					< 0.163	U	12					< 1.88	U
All Snohomish Locations	15					< 0.114	U	48					< 1.84	U
Puyallup Watershed														
CBA	2					< 0.0412	U	6					< 1.52	U
CBB	1					< 0.00908	U	6					< 0.807	U
RB53	2					< 0.0236	U	6					< 0.300	U
RB209	2					< 0.0314	U	6					< 0.417	U
AG143	2					< 0.0274	U	6					< 0.822	U
AG62	2					< 0.0413	U	6					< 1.26	U
FB130	2					< 0.137	U	6					< 1.28	U
FB372	2					< 0.0370	U	6					< 0.879	U
All Puyallup CB Locations	3					< 0.0284	U	12					< 1.26	U
All Puyallup RB Locations	4					< 0.0282	U	12					< 0.369	U
All Puyallup AG Locations	4					< 0.0390	U	12					< 1.12	U
All Puyallup FB Locations	4					< 0.0502	U	12					< 0.932	U
All Puyallup Locations	15					< 0.0370	U	48					< 0.942	U
All Monitoring Locations Combined														
All CB Locations	6					< 0.0321	U	24					< 1.63	U
All RB Locations	8					< 0.0506	U	24					< 0.807	U
All AG Locations	8					< 0.0433	U	24					< 0.949	U
All FB Locations	8					< 0.135	U	24					< 1.64	U
All Locations	30					< 0.0819	U	96					< 1.46	U

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-111. Absolute and unit area toxic chemical loading estimates for total DDT for the Phase 3 study of toxics in surface runoff to Puget Sound

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 0.0641	U	6					< 2.36	U
CBX	1					< 0.0195	U	6					< 1.92	U
RB111	2					< 0.0339	U	6					< 0.992	U
RB202	2					< 0.130	U	6					< 1.64	U
AG174	2					< 0.0640	U	6	0.0276	0.320	0.345	0.345	0.359	E
AGG	2					< 0.0175	U	6					< 0.911	U
FB200	2					< 0.0892	U	6					< 1.10	U
FB203	2					< 0.171	U	6					< 1.96	U
All Snohomish CB Locations	3					< 0.0415	U	12					< 2.33	U
All Snohomish RB Locations	4					< 0.0723	U	12					< 1.26	U
All Snohomish AG Locations	4					< 0.0427	U	12	0.0310	0.201	0.388	0.388	0.403	E
All Snohomish FB Locations	4					< 0.163	U	12					< 1.88	U
All Snomomish Locations	15					< 0.114	U	48	0.0612	0.0808	0.765	0.765	0.918	E
Puyallup Watershed														
CBA	2	0.336		0.412		0.488		6	0.678	1.51	4.12	7.16	12.2	
CBB	1					< 0.00908	U	6	0.0310	0.0310	0.388	0.404	0.962	E
RB53	2					< 0.0236	U	6					< 0.300	U
RB209	2					< 0.0314	U	6					< 0.417	U
AG143	2					< 0.0274	U	6					< 0.822	U
AG62	2					< 0.0413	U	6					< 1.26	U
FB130	2					< 0.137	U	6	0.0493	0.0493	0.628	0.641	1.23	E
FB372	2					< 0.0370	U	6					< 0.879	U
All Puyallup CB Locations	3	0.0142	0.0685	0.231	0.310	0.336		12	0.0450	0.562	0.918	3.41	10.1	E
All Puyallup RB Locations	4					< 0.0282	U	12					< 0.369	U
All Puyallup AG Locations	4					< 0.0390	U	12					< 1.12	U
All Puyallup FB Locations	4					< 0.0502	U	12	0.0358	0.0358	0.448	0.466	0.896	E
All Puyallup Locations	15	0.0168	0.0168	0.0168	0.0168	0.399	E	48	0.0336	0.0336	0.421	0.437	7.54	E
All Monitoring Locations Combined														
All CB Locations	6	0.0160	0.0160	0.0160	0.261	0.380	E	24	0.0543	0.416	0.679	1.16	12.2	E
All RB Locations	8					< 0.0506	U	24					< 0.807	U
All AG Locations	8					< 0.0433	U	24	0.0365	0.0438	0.456	0.456	0.474	E
All FB Locations	8					< 0.135	U	24	0.0632	0.0683	0.790	0.822	1.58	E
All Locations	30	0.0354	0.0372	0.0372	0.0372	0.883	E	96	0.0487	0.0535	0.608	0.620	10.9	E

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-112. Absolute and unit area toxic chemical loading estimates for 2,4-DDD for the Phase 3 study of toxics in surface runoff to Puget Sound

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 0.0641	U	6					< 2.36	U
CBX	1					< 0.0195	U	6					< 1.92	U
RB111	2					< 0.0339	U	6					< 0.992	U
RB202	2					< 0.130	U	6					< 1.64	U
AG174	2					< 0.0640	U	6					< 0.718	U
AGG	2					< 0.0175	U	6					< 0.911	U
FB200	2					< 0.0892	U	6					< 1.10	U
FB203	2					< 0.171	U	6					< 1.96	U
All Snohomish CB Locations	3					< 0.0415	U	12					< 2.33	U
All Snohomish RB Locations	4					< 0.0723	U	12					< 1.26	U
All Snohomish AG Locations	4					< 0.0427	U	12					< 0.807	U
All Snohomish FB Locations	4					< 0.163	U	12					< 1.88	U
All Snohomish Locations	15					< 0.114	U	48					< 1.84	U
Puyallup Watershed														
CBA	2	0.0432		0.0669		0.0906	E	6	0.244	0.597	0.678	0.706	0.760	E
CBB	1					< 0.00908	U	6					< 0.807	U
RB53	2					< 0.0236	U	6					< 0.300	U
RB209	2					< 0.0314	U	6					< 0.417	U
AG143	2					< 0.0274	U	6					< 0.822	U
AG62	2					< 0.0413	U	6					< 1.26	U
FB130	2					< 0.137	U	6	0.0493	0.0493	0.628	0.641	1.23	E
FB372	2					< 0.0370	U	6					< 0.879	U
All Puyallup CB Locations	3	0.0142	0.0180	0.0298	0.0542	0.0624	E	12	0.0450	0.349	0.562	0.574	0.630	E
All Puyallup RB Locations	4					< 0.0282	U	12					< 0.369	U
All Puyallup AG Locations	4					< 0.0390	U	12					< 1.12	U
All Puyallup FB Locations	4					< 0.0502	U	12	0.0358	0.0358	0.448	0.466	0.896	E
All Puyallup Locations	15	0.0168	0.0168	0.0168	0.0168	0.0741	E	48	0.0336	0.0336	0.421	0.421	0.841	E
All Monitoring Locations Combined														
All CB Locations	6	0.0160	0.0160	0.0160	0.0337	0.0706	E	24	0.0543	0.151	0.679	0.679	0.814	E
All RB Locations	8					< 0.0506	U	24					< 0.807	U
All AG Locations	8					< 0.0433	U	24					< 0.949	U
All FB Locations	8					< 0.135	U	24	0.0632	0.0645	0.790	0.822	1.58	E
All Locations	30	0.0354	0.0372	0.0372	0.0372	0.164	E	96	0.0487	0.0511	0.608	0.608	1.22	E

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-113. Absolute and unit area toxic chemical loading estimates for 2,4-DDE for the Phase 3 study of toxics in surface runoff to Puget Sound

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 0.0641	U	6					< 2.36	U
CBX	1					< 0.0195	U	6					< 1.92	U
RB111	2					< 0.0339	U	6					< 0.992	U
RB202	2					< 0.130	U	6					< 1.64	U
AG174	2					< 0.0640	U	6					< 0.718	U
AGG	2					< 0.0175	U	6					< 0.911	U
FB200	2					< 0.0892	U	6					< 1.10	U
FB203	2					< 0.171	U	6					< 1.96	U
All Snohomish CB Locations	3					< 0.0415	U	12					< 2.33	U
All Snohomish RB Locations	4					< 0.0723	U	12					< 1.26	U
All Snohomish AG Locations	4					< 0.0427	U	12					< 0.807	U
All Snohomish FB Locations	4					< 0.163	U	12					< 1.88	U
All Snohomish Locations	15					< 0.114	U	48					< 1.84	U
Puyallup Watershed														
CBA	2					< 0.0412	U	6	0.0543	0.130	0.678	0.706	0.760	E
CBB	1					< 0.00908	U	6					< 0.807	U
RB53	2					< 0.0236	U	6					< 0.300	U
RB209	2					< 0.0314	U	6					< 0.417	U
AG143	2					< 0.0274	U	6					< 0.822	U
AG62	2					< 0.0413	U	6					< 1.26	U
FB130	2					< 0.137	U	6					< 1.28	U
FB372	2					< 0.0370	U	6					< 0.879	U
All Puyallup CB Locations	3					< 0.0284	U	12	0.0450	0.0765	0.562	0.574	0.630	E
All Puyallup RB Locations	4					< 0.0282	U	12					< 0.369	U
All Puyallup AG Locations	4					< 0.0390	U	12					< 1.12	U
All Puyallup FB Locations	4					< 0.0502	U	12					< 0.932	U
All Puyallup Locations	15					< 0.0370	U	48	0.0336	0.0336	0.421	0.421	0.471	E
All Monitoring Locations Combined														
All CB Locations	6					< 0.0321	U	24	0.0543	0.0760	0.679	0.679	0.814	E
All RB Locations	8					< 0.0506	U	24					< 0.807	U
All AG Locations	8					< 0.0433	U	24					< 0.949	U
All FB Locations	8					< 0.135	U	24					< 1.64	U
All Locations	30					< 0.0819	U	96	0.0487	0.0511	0.608	0.608	0.730	E

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-114. Absolute and unit area toxic chemical loading estimates for 2,4-DDT for the Phase 3 study of toxics in surface runoff to Puget Sound

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 0.0641	U	6					< 2.36	U
CBX	1					< 0.0195	U	6					< 1.92	U
RB111	2					< 0.0339	U	6					< 0.992	U
RB202	2					< 0.130	U	6					< 1.64	U
AG174	2					< 0.0640	U	6					< 0.718	U
AGG	2					< 0.0175	U	6					< 0.911	U
FB200	2					< 0.0892	U	6					< 1.10	U
FB203	2					< 0.171	U	6					< 1.96	U
All Snohomish CB Locations	3					< 0.0415	U	12					< 2.33	U
All Snohomish RB Locations	4					< 0.0723	U	12					< 1.26	U
All Snohomish AG Locations	4					< 0.0427	U	12					< 0.807	U
All Snohomish FB Locations	4					< 0.163	U	12					< 1.88	U
All Snohomish Locations	15					< 0.114	U	48					< 1.84	U
Puyallup Watershed														
CBA	2					< 0.0412	U	6	0.0543	0.450	0.678	0.706	1.85	E
CBB	1					< 0.00908	U	6					< 0.807	U
RB53	2					< 0.0236	U	6					< 0.300	U
RB209	2					< 0.0314	U	6					< 0.417	U
AG143	2					< 0.0274	U	6					< 0.822	U
AG62	2					< 0.0413	U	6					< 1.26	U
FB130	2					< 0.137	U	6					< 1.28	U
FB372	2					< 0.0370	U	6					< 0.879	U
All Puyallup CB Locations	3					< 0.0284	U	12	0.0450	0.209	0.562	0.574	1.53	E
All Puyallup RB Locations	4					< 0.0282	U	12					< 0.369	U
All Puyallup AG Locations	4					< 0.0390	U	12					< 1.12	U
All Puyallup FB Locations	4					< 0.0502	U	12					< 0.932	U
All Puyallup Locations	15					< 0.0370	U	48	0.0336	0.0336	0.421	0.421	1.14	E
All Monitoring Locations Combined														
All CB Locations	6					< 0.0321	U	24	0.0543	0.0570	0.679	0.679	1.85	E
All RB Locations	8					< 0.0506	U	24					< 0.807	U
All AG Locations	8					< 0.0433	U	24					< 0.949	U
All FB Locations	8					< 0.135	U	24					< 1.64	U
All Locations	30					< 0.0819	U	96	0.0487	0.0496	0.608	0.608	1.65	E

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-115. Absolute and unit area toxic chemical loading estimates for 4,4-DDD for the Phase 3 study of toxics in surface runoff to Puget Sound

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 0.0641	U	6					< 2.36	U
CBX	1					< 0.0195	U	6					< 1.92	U
RB111	2					< 0.0339	U	6					< 0.992	U
RB202	2					< 0.130	U	6					< 1.64	U
AG174	2					< 0.0640	U	6					< 0.718	U
AGG	2					< 0.0175	U	6					< 0.911	U
FB200	2					< 0.0892	U	6					< 1.10	U
FB203	2					< 0.171	U	6					< 1.96	U
All Snohomish CB Locations	3					< 0.0415	U	12					< 2.33	U
All Snohomish RB Locations	4					< 0.0723	U	12					< 1.26	U
All Snohomish AG Locations	4					< 0.0427	U	12					< 0.807	U
All Snohomish FB Locations	4					< 0.163	U	12					< 1.88	U
All Snohomish Locations	15					< 0.114	U	48					< 1.84	U
Puyallup Watershed														
CBA	2	0.268		0.288		0.309		6	0.678	0.814	1.55	1.90	3.15	
CBB	1					< 0.00908	U	6	0.0310	0.0310	0.388	0.404	0.962	E
RB53	2					< 0.0236	U	6					< 0.300	U
RB209	2					< 0.0314	U	6					< 0.417	U
AG143	2					< 0.0274	U	6					< 0.822	U
AG62	2					< 0.0413	U	6					< 1.26	U
FB130	2					< 0.137	U	6					< 1.28	U
FB372	2					< 0.0370	U	6					< 0.879	U
All Puyallup CB Locations	3	0.0142	0.0567	0.184	0.206	0.213		12	0.0450	0.562	0.630	1.39	2.61	E
All Puyallup RB Locations	4					< 0.0282	U	12					< 0.369	U
All Puyallup AG Locations	4					< 0.0390	U	12					< 1.12	U
All Puyallup FB Locations	4					< 0.0502	U	12					< 0.932	U
All Puyallup Locations	15	0.0168	0.0168	0.0168	0.0168	0.253	E	48	0.0336	0.0336	0.421	0.437	1.95	E
All Monitoring Locations Combined														
All CB Locations	6	0.0160	0.0160	0.0160	0.209	0.241	E	24	0.0543	0.368	0.679	0.814	3.15	E
All RB Locations	8					< 0.0506	U	24					< 0.807	U
All AG Locations	8					< 0.0433	U	24					< 0.949	U
All FB Locations	8					< 0.135	U	24					< 1.64	U
All Locations	30	0.0354	0.0372	0.0372	0.0372	0.559	E	96	0.0487	0.0511	0.608	0.608	2.82	E

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-116. Absolute and unit area toxic chemical loading estimates for 4,4-DDE for the Phase 3 study of toxics in surface runoff to Puget Sound

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 0.0641	U	6					< 2.36	U
CBX	1					< 0.0195	U	6					< 1.92	U
RB111	2					< 0.0339	U	6					< 0.992	U
RB202	2					< 0.130	U	6					< 1.64	U
AG174	2					< 0.0640	U	6	0.0276	0.238	0.345	0.345	0.359	E
AGG	2					< 0.0175	U	6					< 0.911	U
FB200	2					< 0.0892	U	6					< 1.10	U
FB203	2					< 0.171	U	6					< 1.96	U
All Snohomish CB Locations	3					< 0.0415	U	12					< 2.33	U
All Snohomish RB Locations	4					< 0.0723	U	12					< 1.26	U
All Snohomish AG Locations	4					< 0.0427	U	12	0.0310	0.154	0.388	0.388	0.403	E
All Snohomish FB Locations	4					< 0.163	U	12					< 1.88	U
All Snomomish Locations	15					< 0.114	U	48	0.0612	0.0808	0.765	0.765	0.918	E
Puyallup Watershed														
CBA	2	0.0679		0.0782		0.0885		6	0.315	0.678	0.746	1.52	1.90	
CBB	1					< 0.00908	U	6					< 0.807	U
RB53	2					< 0.0236	U	6					< 0.300	U
RB209	2					< 0.0314	U	6					< 0.417	U
AG143	2					< 0.0274	U	6					< 0.822	U
AG62	2					< 0.0413	U	6					< 1.26	U
FB130	2					< 0.137	U	6					< 1.28	U
FB372	2					< 0.0370	U	6					< 0.879	U
All Puyallup CB Locations	3	0.0142	0.0224	0.0468	0.0574	0.0610		12	0.0450	0.412	0.562	0.630	1.57	E
All Puyallup RB Locations	4					< 0.0282	U	12					< 0.369	U
All Puyallup AG Locations	4					< 0.0390	U	12					< 1.12	U
All Puyallup FB Locations	4					< 0.0502	U	12					< 0.932	U
All Puyallup Locations	15	0.0168	0.0168	0.0168	0.0168	0.0724	E	48	0.0336	0.0336	0.421	0.421	1.18	E
All Monitoring Locations Combined														
All CB Locations	6	0.0160	0.0160	0.0160	0.0529	0.0690	E	24	0.0543	0.235	0.679	0.679	1.90	E
All RB Locations	8					< 0.0506	U	24					< 0.807	U
All AG Locations	8					< 0.0433	U	24	0.0365	0.0438	0.456	0.456	0.474	E
All FB Locations	8					< 0.135	U	24					< 1.64	U
All Locations	30	0.0354	0.0372	0.0372	0.0372	0.160	E	96	0.0487	0.0535	0.608	0.608	1.70	E

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-117. Absolute and unit area toxic chemical loading estimates for 4,4-DDT for the Phase 3 study of toxics in surface runoff to Puget Sound

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 0.0641	U	6					< 2.36	U
CBX	1					< 0.0195	U	6					< 1.92	U
RB111	2					< 0.0339	U	6					< 0.992	U
RB202	2					< 0.130	U	6					< 1.64	U
AG174	2					< 0.0640	U	6	0.0276	0.0829	0.345	0.345	0.359	E
AGG	2					< 0.0175	U	6					< 0.911	U
FB200	2					< 0.0892	U	6					< 1.10	U
FB203	2					< 0.171	U	6					< 1.96	U
All Snohomish CB Locations	3					< 0.0415	U	12					< 2.33	U
All Snohomish RB Locations	4					< 0.0723	U	12					< 1.26	U
All Snohomish AG Locations	4					< 0.0427	U	12	0.0310	0.0630	0.388	0.388	0.403	E
All Snohomish FB Locations	4					< 0.163	U	12					< 1.88	U
All Snohomish Locations	15					< 0.114	U	48	0.0612	0.0643	0.765	0.765	0.918	E
Puyallup Watershed														
CBA	2					< 0.0412	U	6	0.136	0.678	1.57	2.50	6.51	
CBB	1					< 0.00908	U	6					< 0.807	U
RB53	2					< 0.0236	U	6					< 0.300	U
RB209	2					< 0.0314	U	6					< 0.417	U
AG143	2					< 0.0274	U	6					< 0.822	U
AG62	2					< 0.0413	U	6					< 1.26	U
FB130	2					< 0.137	U	6					< 1.28	U
FB372	2					< 0.0370	U	6					< 0.879	U
All Puyallup CB Locations	3					< 0.0284	U	12	0.0450	0.337	0.562	1.30	5.40	E
All Puyallup RB Locations	4					< 0.0282	U	12					< 0.369	U
All Puyallup AG Locations	4					< 0.0390	U	12					< 1.12	U
All Puyallup FB Locations	4					< 0.0502	U	12					< 0.932	U
All Puyallup Locations	15					< 0.0370	U	48	0.0336	0.0336	0.421	0.429	4.04	E
All Monitoring Locations Combined														
All CB Locations	6					< 0.0321	U	24	0.0543	0.135	0.679	0.692	6.52	E
All RB Locations	8					< 0.0506	U	24					< 0.807	U
All AG Locations	8					< 0.0433	U	24	0.0365	0.0383	0.456	0.456	0.474	E
All FB Locations	8					< 0.135	U	24					< 1.64	U
All Locations	30					< 0.0819	U	96	0.0487	0.0511	0.608	0.608	5.84	E

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-118. Absolute and unit area toxic chemical loading estimates for aldrin for the Phase 3 study of toxics in surface runoff to Puget Sound

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 0.0641	U	6					< 2.36	U
CBX	1					< 0.0195	U	6					< 1.92	U
RB111	2					< 0.0339	U	6					< 0.992	U
RB202	2					< 0.130	U	6					< 1.64	U
AG174	2					< 0.0640	U	6					< 0.718	U
AGG	2					< 0.0175	U	6					< 0.911	U
FB200	2					< 0.0892	U	6					< 1.10	U
FB203	2					< 0.171	U	6					< 1.96	U
All Snohomish CB Locations	3					< 0.0415	U	12					< 2.33	U
All Snohomish RB Locations	4					< 0.0723	U	12					< 1.26	U
All Snohomish AG Locations	4					< 0.0427	U	12					< 0.807	U
All Snohomish FB Locations	4					< 0.163	U	12					< 1.88	U
All Snohomish Locations	15					< 0.114	U	48					< 1.84	U
Puyallup Watershed														
CBA	2					< 0.0412	U	6					< 1.52	U
CBB	1					< 0.00908	U	6					< 0.807	U
RB53	2					< 0.0236	U	6					< 0.300	U
RB209	2					< 0.0314	U	6					< 0.417	U
AG143	2					< 0.0274	U	6					< 0.822	U
AG62	2					< 0.0413	U	6					< 1.26	U
FB130	2					< 0.137	U	6					< 1.28	U
FB372	2					< 0.0370	U	6					< 0.879	U
All Puyallup CB Locations	3					< 0.0284	U	12					< 1.26	U
All Puyallup RB Locations	4					< 0.0282	U	12					< 0.369	U
All Puyallup AG Locations	4					< 0.0390	U	12					< 1.12	U
All Puyallup FB Locations	4					< 0.0502	U	12					< 0.932	U
All Puyallup Locations	15					< 0.0370	U	48					< 0.942	U
All Monitoring Locations Combined														
All CB Locations	6					< 0.0321	U	24					< 1.63	U
All RB Locations	8					< 0.0506	U	24					< 0.807	U
All AG Locations	8					< 0.0433	U	24					< 0.949	U
All FB Locations	8					< 0.135	U	24					< 1.64	U
All Locations	30					< 0.0819	U	96					< 1.46	U

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-119. Absolute and unit area toxic chemical loading estimates for alpha-BHC for the Phase 3 study of toxics in surface runoff to Puget Sound

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 0.0641	U	6					< 2.36	U
CBX	1					< 0.0195	U	6					< 1.92	U
RB111	2					< 0.0339	U	6					< 0.992	U
RB202	2					< 0.130	U	6					< 1.64	U
AG174	2					< 0.0640	U	6					< 0.718	U
AGG	2					< 0.0175	U	6					< 0.911	U
FB200	2					< 0.0892	U	6					< 1.10	U
FB203	2					< 0.171	U	6					< 1.96	U
All Snohomish CB Locations	3					< 0.0415	U	12					< 2.33	U
All Snohomish RB Locations	4					< 0.0723	U	12					< 1.26	U
All Snohomish AG Locations	4					< 0.0427	U	12					< 0.807	U
All Snohomish FB Locations	4					< 0.163	U	12					< 1.88	U
All Snohomish Locations	15					< 0.114	U	48					< 1.84	U
Puyallup Watershed														
CBA	2					< 0.0412	U	6					< 1.52	U
CBB	1					< 0.00908	U	6					< 0.807	U
RB53	2					< 0.0236	U	6					< 0.300	U
RB209	2					< 0.0314	U	6					< 0.417	U
AG143	2					< 0.0274	U	6					< 0.822	U
AG62	2					< 0.0413	U	6					< 1.26	U
FB130	2					< 0.137	U	6					< 1.28	U
FB372	2					< 0.0370	U	6					< 0.879	U
All Puyallup CB Locations	3					< 0.0284	U	12					< 1.26	U
All Puyallup RB Locations	4					< 0.0282	U	12					< 0.369	U
All Puyallup AG Locations	4					< 0.0390	U	12					< 1.12	U
All Puyallup FB Locations	4					< 0.0502	U	12					< 0.932	U
All Puyallup Locations	15					< 0.0370	U	48					< 0.942	U
All Monitoring Locations Combined														
All CB Locations	6					< 0.0321	U	24					< 1.63	U
All RB Locations	8					< 0.0506	U	24					< 0.807	U
All AG Locations	8					< 0.0433	U	24					< 0.949	U
All FB Locations	8					< 0.135	U	24					< 1.64	U
All Locations	30					< 0.0819	U	96					< 1.46	U

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-120. Absolute and unit area toxic chemical loading estimates for beta-bhc for the Phase 3 study of toxics in surface runoff to Puget Sound

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 0.0641	U	6					< 2.36	U
CBX	1					< 0.0195	U	6					< 1.92	U
RB111	2					< 0.0339	U	6					< 0.992	U
RB202	2					< 0.130	U	6					< 1.64	U
AG174	2					< 0.0640	U	6					< 0.718	U
AGG	2					< 0.0175	U	6					< 0.911	U
FB200	2					< 0.0892	U	6					< 1.10	U
FB203	2					< 0.171	U	6					< 1.96	U
All Snohomish CB Locations	3					< 0.0415	U	12					< 2.33	U
All Snohomish RB Locations	4					< 0.0723	U	12					< 1.26	U
All Snohomish AG Locations	4					< 0.0427	U	12					< 0.807	U
All Snohomish FB Locations	4					< 0.163	U	12					< 1.88	U
All Snohomish Locations	15					< 0.114	U	48					< 1.84	U
Puyallup Watershed														
CBA	2					< 0.0412	U	6					< 1.52	U
CBB	1					< 0.00908	U	6					< 0.807	U
RB53	2					< 0.0236	U	6					< 0.300	U
RB209	2					< 0.0314	U	6					< 0.417	U
AG143	2					< 0.0274	U	6					< 0.822	U
AG62	2					< 0.0413	U	6					< 1.26	U
FB130	2					< 0.137	U	6					< 1.28	U
FB372	2					< 0.0370	U	6					< 0.879	U
All Puyallup CB Locations	3					< 0.0284	U	12					< 1.26	U
All Puyallup RB Locations	4					< 0.0282	U	12					< 0.369	U
All Puyallup AG Locations	4					< 0.0390	U	12					< 1.12	U
All Puyallup FB Locations	4					< 0.0502	U	12					< 0.932	U
All Puyallup Locations	15					< 0.0370	U	48					< 0.942	U
All Monitoring Locations Combined														
All CB Locations	6					< 0.0321	U	24					< 1.63	U
All RB Locations	8					< 0.0506	U	24					< 0.807	U
All AG Locations	8					< 0.0433	U	24					< 0.949	U
All FB Locations	8					< 0.135	U	24					< 1.64	U
All Locations	30					< 0.0819	U	96					< 1.46	U

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-121. Absolute and unit area toxic chemical loading estimates for chlordane, technical for the Phase 3 study of toxics in surface runoff to Puget Sound

Unit Area Loading Rates (g/km ² /year)													
Baseflow							Storm Event						
n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed													
CB335	0						1					< 19.6	U
CBX	0						1					< 19.2	U
RB111	0						1					< 9.92	U
RB202	0						1					< 16.4	U
AG174	0						1					< 6.91	U
AGG	0						1					< 9.11	U
FB200	0						1					< 11.0	U
FB203	0						1					< 19.6	U
All Snohomish CB Locations	0						2					< 19.4	U
All Snohomish RB Locations	0						2					< 12.6	U
All Snohomish AG Locations	0						2					< 8.07	U
All Snohomish FB Locations	0						2					< 18.8	U
All Snohomish Locations	0						8					< 15.9	U
Puyallup Watershed													
CBA	0						2					< 15.2	U
CBB	0						2					< 8.07	U
RB53	0						2					< 3.00	U
RB209	0						2					< 4.17	U
AG143	0						2					< 8.22	U
AG62	0						2					< 12.6	U
FB130	0						2					< 12.8	U
FB372	0						2					< 8.79	U
All Puyallup CB Locations	0						4					< 12.6	U
All Puyallup RB Locations	0						4					< 3.69	U
All Puyallup AG Locations	0						4					< 11.2	U
All Puyallup FB Locations	0						4					< 9.32	U
All Puyallup Locations	0						16					< 9.42	U
All Monitoring Locations Combined													
All CB Locations	0						6					< 15.2	U
All RB Locations	0						6					< 8.07	U
All AG Locations	0						6					< 9.49	U
All FB Locations	0						6					< 16.4	U
All Locations	0						24					< 13.6	U

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-122. Absolute and unit area toxic chemical loading estimates for chlorpyrifos for the Phase 3 study of toxics in surface runoff to Puget Sound

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2	0.0320		0.109		0.186	E	6	0.224	0.982	0.982	1.18	2.28	E
CBX	1					< 0.0195	U	6					< 1.92	U
RB111	2					< 0.0339	U	6					< 0.992	U
RB202	2					< 0.130	U	6					< 1.64	U
AG174	2					< 0.0640	U	6					< 0.718	U
AGG	2					< 0.0175	U	6					< 0.911	U
FB200	2					< 0.0892	U	6					< 1.10	U
FB203	2					< 0.171	U	6					< 1.96	U
All Snohomish CB Locations	3	0.0207	0.0207	0.0207	0.0954	0.120	E	12	0.163	0.638	0.972	0.972	2.26	E
All Snohomish RB Locations	4					< 0.0723	U	12					< 1.26	U
All Snohomish AG Locations	4					< 0.0427	U	12					< 0.807	U
All Snohomish FB Locations	4					< 0.163	U	12					< 1.88	U
All Snohomish Locations	15	0.0516	0.0543	0.0543	0.0543	0.315	E	48	0.0612	0.246	0.765	0.765	1.78	E
Puyallup Watershed														
CBA	2	0.0206		0.0340		0.0473	E	6	0.136	0.678	0.692	0.760	1.47	E
CBB	1					< 0.0341	U	6					< 0.807	U
RB53	2					< 0.0236	U	6	0.0213	0.0715	0.144	0.144	0.150	E
RB209	2					< 0.0314	U	6					< 0.417	U
AG143	2					< 0.0274	U	6					< 0.822	U
AG62	2					< 0.0413	U	6					< 1.26	U
FB130	2					< 0.137	U	6					< 1.28	U
FB372	2					< 0.0370	U	6					< 0.879	U
All Puyallup CB Locations	3	0.0142	0.0189	0.0326	0.0481	0.0532	E	12	0.0450	0.337	0.562	0.585	1.21	E
All Puyallup RB Locations	4					< 0.0282	U	12	0.0142	0.0572	0.178	0.178	0.185	E
All Puyallup AG Locations	4					< 0.0390	U	12					< 1.12	U
All Puyallup FB Locations	4					< 0.0502	U	12					< 0.932	U
All Puyallup Locations	15	0.0168	0.0168	0.0168	0.0168	0.0631	E	48	0.0336	0.0774	0.421	0.421	0.908	E
All Monitoring Locations Combined														
All CB Locations	6	0.0160	0.0160	0.0265	0.0602	0.0930	E	24	0.0543	0.445	0.679	0.692	1.57	E
All RB Locations	8					< 0.0506	U	24	0.0310	0.146	0.388	0.388	0.403	E
All AG Locations	8					< 0.0433	U	24					< 0.949	U
All FB Locations	8					< 0.135	U	24					< 1.64	U
All Locations	30	0.0354	0.0372	0.0372	0.0372	0.216	E	96	0.0487	0.186	0.608	0.608	1.41	E

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-123. Absolute and unit area toxic chemical loading estimates for chlorthal-dimethyl for the Phase 3 study of toxics in surface runoff to Puget Sound

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 0.0641	U	6	0.0825	0.982	0.982	1.18	2.12	E
CBX	1					< 0.0195	U	6	0.0770	0.962	0.962	0.962	1.15	E
RB111	2					< 0.0339	U	6					< 0.992	U
RB202	2					< 0.130	U	6					< 1.64	U
AG174	2					< 0.0640	U	6					< 0.718	U
AGG	2					< 0.0175	U	6					< 0.911	U
FB200	2					< 0.0892	U	6					< 1.10	U
FB203	2					< 0.171	U	6					< 1.96	U
All Snohomish CB Locations	3					< 0.0415	U	12	0.0778	0.972	0.972	1.07	2.10	E
All Snohomish RB Locations	4					< 0.0723	U	12					< 1.26	U
All Snohomish AG Locations	4					< 0.0427	U	12					< 0.807	U
All Snohomish FB Locations	4					< 0.163	U	12					< 1.88	U
All Snohomish Locations	15					< 0.114	U	48	0.0612	0.0673	0.765	0.765	1.65	E
Puyallup Watershed														
CBA	2					< 0.0412	U	6	0.0543	0.282	0.678	0.706	0.760	E
CBB	1					< 0.0241	U	6					< 0.807	U
RB53	2					< 0.0236	U	6					< 0.300	U
RB209	2					< 0.0314	U	6					< 0.417	U
AG143	2					< 0.0274	U	6					< 0.822	U
AG62	2					< 0.0413	U	6					< 1.26	U
FB130	2					< 0.137	U	6					< 1.28	U
FB372	2					< 0.0370	U	6					< 0.879	U
All Puyallup CB Locations	3					< 0.0751	U	12	0.0450	0.158	0.562	0.574	0.630	E
All Puyallup RB Locations	4					< 0.0282	U	12					< 0.369	U
All Puyallup AG Locations	4					< 0.0390	U	12					< 1.12	U
All Puyallup FB Locations	4					< 0.0502	U	12					< 0.932	U
All Puyallup Locations	15					< 0.0892	U	48	0.0336	0.0336	0.421	0.421	0.471	E
All Monitoring Locations Combined														
All CB Locations	6					< 0.0850	U	24	0.0543	0.481	0.679	0.692	1.47	E
All RB Locations	8					< 0.0506	U	24					< 0.807	U
All AG Locations	8					< 0.0433	U	24					< 0.949	U
All FB Locations	8					< 0.135	U	24					< 1.64	U
All Locations	30					< 0.197	U	96	0.0487	0.0511	0.608	0.608	1.31	E

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-124. Absolute and unit area toxic chemical loading estimates for cis-chlordane for the Phase 3 study of toxics in surface runoff to Puget Sound

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 0.0641	U	6					< 2.36	U
CBX	1					< 0.0195	U	6					< 1.92	U
RB111	2					< 0.0339	U	6					< 0.992	U
RB202	2					< 0.130	U	6					< 1.64	U
AG174	2					< 0.0640	U	6					< 0.718	U
AGG	2					< 0.0175	U	6					< 0.911	U
FB200	2					< 0.0892	U	6					< 1.10	U
FB203	2					< 0.171	U	6					< 1.96	U
All Snohomish CB Locations	3					< 0.0415	U	12					< 2.33	U
All Snohomish RB Locations	4					< 0.0723	U	12					< 1.26	U
All Snohomish AG Locations	4					< 0.0427	U	12					< 0.807	U
All Snohomish FB Locations	4					< 0.163	U	12					< 1.88	U
All Snohomish Locations	15					< 0.114	U	48					< 1.84	U
Puyallup Watershed														
CBA	2					< 0.0412	U	6					< 1.52	U
CBB	1					< 0.00908	U	6					< 0.807	U
RB53	2					< 0.0236	U	6					< 0.300	U
RB209	2					< 0.0314	U	6					< 0.417	U
AG143	2					< 0.0274	U	6					< 0.822	U
AG62	2					< 0.0413	U	6					< 1.26	U
FB130	2					< 0.137	U	6					< 1.28	U
FB372	2					< 0.0370	U	6					< 0.879	U
All Puyallup CB Locations	3					< 0.0284	U	12					< 1.26	U
All Puyallup RB Locations	4					< 0.0282	U	12					< 0.369	U
All Puyallup AG Locations	4					< 0.0390	U	12					< 1.12	U
All Puyallup FB Locations	4					< 0.0502	U	12					< 0.932	U
All Puyallup Locations	15					< 0.0370	U	48					< 0.942	U
All Monitoring Locations Combined														
All CB Locations	6					< 0.0321	U	24					< 1.63	U
All RB Locations	8					< 0.0506	U	24					< 0.807	U
All AG Locations	8					< 0.0433	U	24					< 0.949	U
All FB Locations	8					< 0.135	U	24					< 1.64	U
All Locations	30					< 0.0819	U	96					< 1.46	U

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-125. Absolute and unit area toxic chemical loading estimates for cis-nonachlor for the Phase 3 study of toxics in surface runoff to Puget Sound

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 0.0641	U	6					< 2.36	U
CBX	1					< 0.0195	U	6					< 1.92	U
RB111	2					< 0.0339	U	6					< 0.992	U
RB202	2					< 0.130	U	6					< 1.64	U
AG174	2					< 0.0640	U	6					< 0.718	U
AGG	2					< 0.0175	U	6					< 0.911	U
FB200	2					< 0.0892	U	6					< 1.10	U
FB203	2					< 0.171	U	6					< 1.96	U
All Snohomish CB Locations	3					< 0.0415	U	12					< 2.33	U
All Snohomish RB Locations	4					< 0.0723	U	12					< 1.26	U
All Snohomish AG Locations	4					< 0.0427	U	12					< 0.807	U
All Snohomish FB Locations	4					< 0.163	U	12					< 1.88	U
All Snohomish Locations	15					< 0.114	U	48					< 1.84	U
Puyallup Watershed														
CBA	2					< 0.0412	U	6					< 1.52	U
CBB	1					< 0.00908	U	6					< 0.807	U
RB53	2					< 0.0236	U	6					< 0.300	U
RB209	2					< 0.0314	U	6					< 0.417	U
AG143	2					< 0.0274	U	6					< 0.822	U
AG62	2					< 0.0413	U	6					< 1.26	U
FB130	2					< 0.137	U	6					< 1.28	U
FB372	2					< 0.0370	U	6					< 0.879	U
All Puyallup CB Locations	3					< 0.0284	U	12					< 1.26	U
All Puyallup RB Locations	4					< 0.0282	U	12					< 0.369	U
All Puyallup AG Locations	4					< 0.0390	U	12					< 1.12	U
All Puyallup FB Locations	4					< 0.0502	U	12					< 0.932	U
All Puyallup Locations	15					< 0.0370	U	48					< 0.942	U
All Monitoring Locations Combined														
All CB Locations	6					< 0.0321	U	24					< 1.63	U
All RB Locations	8					< 0.0506	U	24					< 0.807	U
All AG Locations	8					< 0.0433	U	24					< 0.949	U
All FB Locations	8					< 0.135	U	24					< 1.64	U
All Locations	30					< 0.0819	U	96					< 1.46	U

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-126. Absolute and unit area toxic chemical loading estimates for DDMU for the Phase 3 study of toxics in surface runoff to Puget Sound

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 0.0641	U	6					< 2.36	U
CBX	1					< 0.0195	U	6					< 1.92	U
RB111	2					< 0.0339	U	6					< 0.992	U
RB202	2					< 0.130	U	6					< 1.64	U
AG174	2					< 0.0640	U	6					< 0.718	U
AGG	2					< 0.0175	U	6					< 0.911	U
FB200	2					< 0.0892	U	6					< 1.10	U
FB203	2					< 0.171	U	6					< 1.96	U
All Snohomish CB Locations	3					< 0.0415	U	12					< 2.33	U
All Snohomish RB Locations	4					< 0.0723	U	12					< 1.26	U
All Snohomish AG Locations	4					< 0.0427	U	12					< 0.807	U
All Snohomish FB Locations	4					< 0.163	U	12					< 1.88	U
All Snohomish Locations	15					< 0.114	U	48					< 1.84	U
Puyallup Watershed														
CBA	2					< 0.0412	U	6					< 1.52	U
CBB	1					< 0.00908	U	6					< 0.807	U
RB53	2					< 0.0236	U	6					< 0.415	U
RB209	2					< 0.0314	U	6					< 0.417	U
AG143	2					< 0.0274	U	6					< 0.822	U
AG62	2					< 0.0413	U	6					< 1.26	U
FB130	2					< 0.137	U	6					< 1.28	U
FB372	2					< 0.0370	U	6					< 0.879	U
All Puyallup CB Locations	3					< 0.0284	U	12					< 1.26	U
All Puyallup RB Locations	4					< 0.0282	U	12					< 0.511	U
All Puyallup AG Locations	4					< 0.0390	U	12					< 1.12	U
All Puyallup FB Locations	4					< 0.0502	U	12					< 0.932	U
All Puyallup Locations	15					< 0.0370	U	48					< 1.21	U
All Monitoring Locations Combined														
All CB Locations	6					< 0.0321	U	24					< 1.63	U
All RB Locations	8					< 0.0506	U	24					< 1.12	U
All AG Locations	8					< 0.0433	U	24					< 0.949	U
All FB Locations	8					< 0.135	U	24					< 1.64	U
All Locations	30					< 0.0819	U	96					< 1.75	U

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-127. Absolute and unit area toxic chemical loading estimates for delta-BHC for the Phase 3 study of toxics in surface runoff to Puget Sound

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 0.0641	U	6					< 2.36	U
CBX	1					< 0.0283	U	6					< 1.92	U
RB111	2					< 0.0339	U	6					< 0.992	U
RB202	2					< 0.130	U	6					< 1.64	U
AG174	2					< 0.0640	U	6					< 0.718	U
AGG	2					< 0.0175	U	6					< 0.911	U
FB200	2					< 0.0892	U	6					< 1.10	U
FB203	2					< 0.171	U	6					< 1.96	U
All Snohomish CB Locations	3					< 0.0602	U	12					< 2.33	U
All Snohomish RB Locations	4					< 0.0723	U	12					< 1.26	U
All Snohomish AG Locations	4					< 0.0427	U	12					< 0.807	U
All Snohomish FB Locations	4					< 0.163	U	12					< 1.88	U
All Snohomish Locations	15					< 0.157	U	48					< 1.84	U
Puyallup Watershed														
CBA	2					< 0.0412	U	6					< 1.52	U
CBB	1					< 0.00908	U	6					< 0.807	U
RB53	2					< 0.0236	U	6					< 0.300	U
RB209	2					< 0.0314	U	6					< 0.417	U
AG143	2					< 0.0274	U	6					< 0.822	U
AG62	2					< 0.0413	U	6					< 1.26	U
FB130	2					< 0.137	U	6					< 1.28	U
FB372	2					< 0.0370	U	6					< 0.879	U
All Puyallup CB Locations	3					< 0.0284	U	12					< 1.26	U
All Puyallup RB Locations	4					< 0.0282	U	12					< 0.369	U
All Puyallup AG Locations	4					< 0.0390	U	12					< 1.12	U
All Puyallup FB Locations	4					< 0.0502	U	12					< 0.932	U
All Puyallup Locations	15					< 0.0370	U	48					< 0.942	U
All Monitoring Locations Combined														
All CB Locations	6					< 0.0465	U	24					< 1.63	U
All RB Locations	8					< 0.0506	U	24					< 0.807	U
All AG Locations	8					< 0.0433	U	24					< 0.949	U
All FB Locations	8					< 0.135	U	24					< 1.64	U
All Locations	30					< 0.108	U	96					< 1.46	U

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-128. Absolute and unit area toxic chemical loading estimates for dieldrin for the Phase 3 study of toxics in surface runoff to Puget Sound

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 0.157	U	6					< 2.36	U
CBX	1					< 0.0488	U	6					< 1.92	U
RB111	2					< 0.0824	U	6					< 0.992	U
RB202	2					< 0.318	U	6					< 1.64	U
AG174	2					< 0.157	U	6	0.0677	0.273	0.345	0.345	< 0.359	E
AGG	2					< 0.0438	U	6					< 0.911	U
FB200	2					< 0.219	U	6					< 1.10	U
FB203	2					< 0.427	U	6					< 1.96	U
All Snohomish CB Locations	3					< 0.104	U	12					< 2.33	U
All Snohomish RB Locations	4					< 0.176	U	12					< 1.26	U
All Snohomish AG Locations	4					< 0.107	U	12	0.0760	0.193	0.388	0.388	0.403	E
All Snohomish FB Locations	4					< 0.408	U	12					< 1.88	U
All Snohomish Locations	15					< 0.277	U	48	0.150	0.159	0.765	0.765	0.918	E
Puyallup Watershed														
CBA	2					< 0.105	U	6	0.138	0.266	0.678	0.706	0.760	E
CBB	1					< 0.0223	U	6					< 0.807	U
RB53	2					< 0.0579	U	6					< 0.300	U
RB209	2					< 0.0800	U	6					< 0.417	U
AG143	2	0.0636		0.0686		0.0736		6	0.194	0.266	0.411	0.411	0.411	E
AG62	2					< 0.103	U	6					< 1.26	U
FB130	2					< 0.343	U	6					< 1.28	U
FB372	2					< 0.0942	U	6					< 0.879	U
All Puyallup CB Locations	3					< 0.0723	U	12	0.110	0.168	0.562	0.574	0.630	E
All Puyallup RB Locations	4					< 0.0720	U	12					< 0.369	U
All Puyallup AG Locations	4	0.0434	0.0439	0.0673	0.0974	0.104	E	12	0.105	0.300	0.536	0.536	0.558	E
All Puyallup FB Locations	4					< 0.128	U	12					< 0.932	U
All Puyallup Locations	15	0.0412	0.0412	0.0412	0.0429	0.0993	E	48	0.0824	0.0848	0.421	0.421	0.471	E
All Monitoring Locations Combined														
All CB Locations	6					< 0.0818	U	24	0.133	0.282	0.679	0.679	0.814	E
All RB Locations	8					< 0.123	U	24					< 0.807	U
All AG Locations	8	0.0472	0.0482	0.0488	0.0747	0.116	E	24	0.0894	0.255	0.456	0.456	0.474	E
All FB Locations	8					< 0.344	U	24					< 1.64	U
All Locations	30	0.0894	0.0913	0.0913	0.0931	0.220	E	96	0.119	0.124	0.608	0.608	0.730	E

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-129. Absolute and unit area toxic chemical loading estimates for endosulfan I for the Phase 3 study of toxics in surface runoff to Puget Sound

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 0.0641	U	6					< 2.36	U
CBX	1					< 0.0195	U	6					< 1.92	U
RB111	2					< 0.0339	U	6					< 0.992	U
RB202	2					< 0.130	U	6					< 1.64	U
AG174	2					< 0.0640	U	6					< 0.718	U
AGG	2					< 0.0175	U	6					< 0.911	U
FB200	2					< 0.0892	U	6					< 1.10	U
FB203	2					< 0.171	U	6					< 1.96	U
All Snohomish CB Locations	3					< 0.0415	U	12					< 2.33	U
All Snohomish RB Locations	4					< 0.0723	U	12					< 1.26	U
All Snohomish AG Locations	4					< 0.0427	U	12					< 0.807	U
All Snohomish FB Locations	4					< 0.163	U	12					< 1.88	U
All Snohomish Locations	15					< 0.114	U	48					< 1.84	U
Puyallup Watershed														
CBA	2					< 0.0412	U	6					< 1.52	U
CBB	1					< 0.00908	U	6					< 0.807	U
RB53	2					< 0.0236	U	6					< 0.300	U
RB209	2					< 0.0314	U	6					< 0.417	U
AG143	2					< 0.0274	U	6					< 0.822	U
AG62	2					< 0.0640	U	6					< 1.26	U
FB130	2					< 0.137	U	6					< 1.28	U
FB372	2					< 0.0370	U	6					< 0.879	U
All Puyallup CB Locations	3					< 0.0284	U	12					< 1.26	U
All Puyallup RB Locations	4					< 0.0282	U	12					< 0.369	U
All Puyallup AG Locations	4					< 0.0549	U	12					< 1.12	U
All Puyallup FB Locations	4					< 0.0502	U	12					< 0.932	U
All Puyallup Locations	15					< 0.0522	U	48					< 0.942	U
All Monitoring Locations Combined														
All CB Locations	6					< 0.0321	U	24					< 1.63	U
All RB Locations	8					< 0.0506	U	24					< 0.807	U
All AG Locations	8					< 0.0610	U	24					< 0.949	U
All FB Locations	8					< 0.135	U	24					< 1.64	U
All Locations	30					< 0.115	U	96					< 1.46	U

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-130. Absolute and unit area toxic chemical loading estimates for endosulfan II for the Phase 3 study of toxics in surface runoff to Puget Sound

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 0.0641	U	6					< 2.36	U
CBX	1					< 0.0195	U	6					< 1.92	U
RB111	2					< 0.0339	U	6					< 0.992	U
RB202	2					< 0.130	U	6					< 1.64	U
AG174	2					< 0.0640	U	6					< 0.718	U
AGG	2					< 0.0175	U	6					< 0.911	U
FB200	2					< 0.0892	U	6					< 1.10	U
FB203	2					< 0.171	U	6					< 1.96	U
All Snohomish CB Locations	3					< 0.0415	U	12					< 2.33	U
All Snohomish RB Locations	4					< 0.0723	U	12					< 1.26	U
All Snohomish AG Locations	4					< 0.0427	U	12					< 0.807	U
All Snohomish FB Locations	4					< 0.163	U	12					< 1.88	U
All Snohomish Locations	15					< 0.114	U	48					< 1.84	U
Puyallup Watershed														
CBA	2					< 0.0412	U	6					< 1.52	U
CBB	1					< 0.00908	U	6					< 0.807	U
RB53	2					< 0.0236	U	6					< 0.300	U
RB209	2					< 0.0314	U	6					< 0.417	U
AG143	2					< 0.0274	U	6					< 0.822	U
AG62	2					< 0.0413	U	6					< 1.26	U
FB130	2					< 0.137	U	6					< 1.28	U
FB372	2					< 0.0370	U	6					< 0.879	U
All Puyallup CB Locations	3					< 0.0284	U	12					< 1.26	U
All Puyallup RB Locations	4					< 0.0282	U	12					< 0.369	U
All Puyallup AG Locations	4					< 0.0390	U	12					< 1.12	U
All Puyallup FB Locations	4					< 0.0502	U	12					< 0.932	U
All Puyallup Locations	15					< 0.0370	U	48					< 0.942	U
All Monitoring Locations Combined														
All CB Locations	6					< 0.0321	U	24					< 1.63	U
All RB Locations	8					< 0.0506	U	24					< 0.807	U
All AG Locations	8					< 0.0433	U	24					< 0.949	U
All FB Locations	8					< 0.135	U	24					< 1.64	U
All Locations	30					< 0.0819	U	96					< 1.46	U

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-131. Absolute and unit area toxic chemical loading estimates for endosulfan sulfate for the Phase 3 study of toxics in surface runoff to Puget Sound

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 0.0641	U	6					< 2.36	U
CBX	1					< 0.0195	U	6	0.0770	0.562	0.962	0.962	0.962	E
RB111	2					< 0.0339	U	6					< 0.992	U
RB202	2					< 0.130	U	6					< 1.64	U
AG174	2					< 0.0640	U	6					< 0.718	U
AGG	2					< 0.0175	U	6					< 0.911	U
FB200	2					< 0.0892	U	6					< 1.10	U
FB203	2					< 0.171	U	6					< 1.96	U
All Snohomish CB Locations	3					< 0.0415	U	12	0.0778	0.712	0.972	0.972	1.17	E
All Snohomish RB Locations	4					< 0.0723	U	12					< 1.26	U
All Snohomish AG Locations	4					< 0.0427	U	12					< 0.807	U
All Snohomish FB Locations	4					< 0.163	U	12					< 1.88	U
All Snohomish Locations	15					< 0.114	U	48	0.0612	0.112	0.765	0.765	0.918	E
Puyallup Watershed														
CBA	2					< 0.0412	U	6	0.163	0.250	0.678	0.706	0.760	E
CBB	1			0.0241				6					< 0.807	U
RB53	2	0.0118		0.0573		0.103	E	6	0.0265	0.0461	0.144	0.144	0.150	E
RB209	2					< 0.0314	U	6					< 0.417	U
AG143	2					< 0.0274	U	6	0.0329	0.0789	0.411	0.411	0.411	E
AG62	2					< 0.0413	U	6					< 1.26	U
FB130	2					< 0.137	U	6	0.0493	0.103	0.616	0.641	0.641	E
FB372	2					< 0.0370	U	6					< 0.879	U
All Puyallup CB Locations	3	0.0142	0.0142	0.0142	0.0598	0.0751	E	12	0.0450	0.171	0.562	0.574	0.630	E
All Puyallup RB Locations	4	0.0141	0.0141	0.0141	0.0684	0.123	E	12	0.0142	0.0447	0.178	0.178	0.185	E
All Puyallup AG Locations	4					< 0.0390	U	12	0.0429	0.116	0.536	0.536	0.558	E
All Puyallup FB Locations	4					< 0.0502	U	12	0.0358	0.0556	0.448	0.457	0.466	E
All Puyallup Locations	15	0.0168	0.0168	0.0168	0.0168	0.146	E	48	0.0336	0.101	0.421	0.421	0.471	E
All Monitoring Locations Combined														
All CB Locations	6	0.0160	0.0160	0.0160	0.0160	0.0850	E	24	0.0543	0.323	0.679	0.679	0.814	E
All RB Locations	8	0.0241	0.0241	0.0241	0.0246	0.210	E	24	0.0310	0.0652	0.388	0.388	0.403	E
All AG Locations	8					< 0.0433	U	24	0.0365	0.0628	0.456	0.456	0.474	E
All FB Locations	8					< 0.135	U	24	0.0632	0.0664	0.790	0.822	0.822	E
All Locations	30	0.0354	0.0372	0.0372	0.0372	0.324	E	96	0.0487	0.114	0.608	0.608	0.730	E

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-132. Absolute and unit area toxic chemical loading estimates for endrin for the Phase 3 study of toxics in surface runoff to Puget Sound

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 0.157	U	6					< 2.36	U
CBX	1					< 0.0488	U	6					< 1.92	U
RB111	2					< 0.0824	U	6					< 0.992	U
RB202	2					< 0.318	U	6					< 1.64	U
AG174	2					< 0.157	U	6					< 0.718	U
AGG	2					< 0.0438	U	6					< 0.911	U
FB200	2					< 0.219	U	6					< 1.10	U
FB203	2					< 0.427	U	6					< 1.96	U
All Snohomish CB Locations	3					< 0.104	U	12					< 2.33	U
All Snohomish RB Locations	4					< 0.176	U	12					< 1.26	U
All Snohomish AG Locations	4					< 0.107	U	12					< 0.807	U
All Snohomish FB Locations	4					< 0.408	U	12					< 1.88	U
All Snohomish Locations	15					< 0.277	U	48					< 1.84	U
Puyallup Watershed														
CBA	2					< 0.105	U	6					< 1.52	U
CBB	1					< 0.0223	U	6					< 0.807	U
RB53	2					< 0.0579	U	6					< 0.300	U
RB209	2					< 0.0800	U	6					< 0.417	U
AG143	2					< 0.0698	U	6					< 0.822	U
AG62	2					< 0.103	U	6					< 1.26	U
FB130	2					< 0.343	U	6					< 1.28	U
FB372	2					< 0.0942	U	6					< 0.879	U
All Puyallup CB Locations	3					< 0.0723	U	12					< 1.26	U
All Puyallup RB Locations	4					< 0.0720	U	12					< 0.369	U
All Puyallup AG Locations	4					< 0.0992	U	12					< 1.12	U
All Puyallup FB Locations	4					< 0.128	U	12					< 0.932	U
All Puyallup Locations	15					< 0.0943	U	48					< 0.942	U
All Monitoring Locations Combined														
All CB Locations	6					< 0.0818	U	24					< 1.63	U
All RB Locations	8					< 0.123	U	24					< 0.807	U
All AG Locations	8					< 0.110	U	24					< 0.949	U
All FB Locations	8					< 0.344	U	24					< 1.64	U
All Locations	30					< 0.209	U	96					< 1.46	U

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-133. Absolute and unit area toxic chemical loading estimates for endrin aldehyde for the Phase 3 study of toxics in surface runoff to Puget Sound

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 0.0993	U	6					< 2.36	U
CBX	1					< 0.0195	U	6					< 1.92	U
RB111	2					< 0.0339	U	6					< 0.992	U
RB202	2					< 0.149	U	6					< 1.64	U
AG174	2					< 0.0640	U	6					< 0.718	U
AGG	2					< 0.0298	U	6					< 0.911	U
FB200	2					< 0.125	U	6					< 1.10	U
FB203	2					< 0.410	U	6					< 1.96	U
All Snohomish CB Locations	3					< 0.0643	U	12					< 2.33	U
All Snohomish RB Locations	4					< 0.0792	U	12					< 1.26	U
All Snohomish AG Locations	4					< 0.0725	U	12					< 0.807	U
All Snohomish FB Locations	4					< 0.392	U	12					< 1.88	U
All Snohomish Locations	15					< 0.261	U	48					< 1.84	U
Puyallup Watershed														
CBA	2					< 0.121	U	6					< 1.52	U
CBB	1					< 0.00908	U	6					< 0.807	U
RB53	2					< 0.0342	U	6					< 0.300	U
RB209	2					< 0.0627	U	6					< 0.417	U
AG143	2					< 0.0835	U	6					< 0.822	U
AG62	2					< 0.101	U	6					< 1.26	U
FB130	2					< 0.178	U	6					< 1.28	U
FB372	2					< 0.0905	U	6					< 0.879	U
All Puyallup CB Locations	3					< 0.0837	U	12					< 1.26	U
All Puyallup RB Locations	4					< 0.0564	U	12					< 0.369	U
All Puyallup AG Locations	4					< 0.119	U	12					< 1.12	U
All Puyallup FB Locations	4					< 0.123	U	12					< 0.932	U
All Puyallup Locations	15					< 0.113	U	48					< 0.942	U
All Monitoring Locations Combined														
All CB Locations	6					< 0.0946	U	24					< 1.63	U
All RB Locations	8					< 0.0963	U	24					< 0.807	U
All AG Locations	8					< 0.132	U	24					< 0.949	U
All FB Locations	8					< 0.331	U	24					< 1.64	U
All Locations	30					< 0.250	U	96					< 1.46	U

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-134. Absolute and unit area toxic chemical loading estimates for endrin ketone for the Phase 3 study of toxics in surface runoff to Puget Sound

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 0.237	U	6					< 2.36	U
CBX	1					< 0.0722	U	6					< 1.92	U
RB111	2					< 0.124	U	6					< 0.992	U
RB202	2					< 0.480	U	6					< 1.64	U
AG174	2					< 0.234	U	6					< 0.718	U
AGG	2					< 0.0657	U	6					< 0.911	U
FB200	2					< 0.326	U	6					< 1.10	U
FB203	2					< 0.641	U	6					< 1.96	U
All Snohomish CB Locations	3					< 0.153	U	12					< 2.33	U
All Snohomish RB Locations	4					< 0.265	U	12					< 1.26	U
All Snohomish AG Locations	4					< 0.160	U	12					< 0.807	U
All Snohomish FB Locations	4					< 0.612	U	12					< 1.88	U
All Snohomish Locations	15					< 0.418	U	48					< 1.84	U
Puyallup Watershed														
CBA	2					< 0.156	U	6					< 1.52	U
CBB	1					< 0.0332	U	6					< 0.807	U
RB53	2					< 0.0874	U	6					< 0.300	U
RB209	2					< 0.119	U	6					< 0.417	U
AG143	2					< 0.103	U	6					< 0.822	U
AG62	2					< 0.155	U	6					< 1.26	U
FB130	2					< 0.514	U	6					< 1.28	U
FB372	2					< 0.140	U	6					< 0.879	U
All Puyallup CB Locations	3					< 0.108	U	12					< 1.26	U
All Puyallup RB Locations	4					< 0.107	U	12					< 0.369	U
All Puyallup AG Locations	4					< 0.147	U	12					< 1.12	U
All Puyallup FB Locations	4					< 0.191	U	12					< 0.932	U
All Puyallup Locations	15					< 0.140	U	48					< 0.942	U
All Monitoring Locations Combined														
All CB Locations	6					< 0.122	U	24					< 1.63	U
All RB Locations	8					< 0.185	U	24					< 0.807	U
All AG Locations	8					< 0.163	U	24					< 0.949	U
All FB Locations	8					< 0.513	U	24					< 1.64	U
All Locations	30					< 0.309	U	96					< 1.46	U

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-135. Absolute and unit area toxic chemical loading estimates for gamma-bhc (lindane) for the Phase 3 study of toxics in surface runoff to Puget Sound

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 0.102	U	6					< 2.67	U
CBX	1					< 0.0273	U	6					< 4.77	U
RB111	2					< 0.0582	U	6					< 2.26	U
RB202	2					< 0.201	U	6					< 2.40	U
AG174	2					< 0.128	U	6					< 0.994	U
AGG	2					< 0.0447	U	6					< 1.30	U
FB200	2					< 0.201	U	6					< 1.53	U
FB203	2					< 0.316	U	6					< 5.73	U
All Snohomish CB Locations	3					< 0.0664	U	12					< 4.82	U
All Snohomish RB Locations	4					< 0.124	U	12					< 2.77	U
All Snohomish AG Locations	4					< 0.109	U	12					< 1.15	U
All Snohomish FB Locations	4					< 0.367	U	12					< 5.50	U
All Snohomish Locations	15					< 0.277	U	48					< 4.65	U
Puyallup Watershed														
CBA	2					< 0.128	U	6					< 2.66	U
CBB	1					< 0.0154	U	6					< 1.80	U
RB53	2					< 0.0390	U	6					< 0.795	U
RB209	2					< 0.0580	U	6					< 0.513	U
AG143	2					< 0.0499	U	6					< 2.24	U
AG62	2					< 0.0909	U	6					< 3.25	U
FB130	2					< 0.247	U	6					< 3.01	U
FB372	2					< 0.111	U	6					< 1.45	U
All Puyallup CB Locations	3					< 0.0879	U	12					< 2.61	U
All Puyallup RB Locations	4					< 0.0522	U	12					< 0.980	U
All Puyallup AG Locations	4					< 0.0779	U	12					< 2.92	U
All Puyallup FB Locations	4					< 0.151	U	12					< 2.19	U
All Puyallup Locations	15					< 0.104	U	48					< 2.32	U
All Monitoring Locations Combined														
All CB Locations	6					< 0.0995	U	24					< 3.37	U
All RB Locations	8					< 0.0891	U	24					< 2.14	U
All AG Locations	8					< 0.100	U	24					< 2.48	U
All FB Locations	8					< 0.405	U	24					< 4.80	U
All Locations	30					< 0.231	U	96					< 3.70	U

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-136. Absolute and unit area toxic chemical loading estimates for heptachlor for the Phase 3 study of toxics in surface runoff to Puget Sound

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 0.0641	U	6					< 2.36	U
CBX	1					< 0.0195	U	6					< 1.92	U
RB111	2					< 0.0339	U	6					< 0.992	U
RB202	2					< 0.130	U	6					< 1.64	U
AG174	2					< 0.0640	U	6					< 0.718	U
AGG	2					< 0.0175	U	6					< 0.911	U
FB200	2					< 0.0892	U	6					< 1.10	U
FB203	2					< 0.171	U	6					< 1.96	U
All Snohomish CB Locations	3					< 0.0415	U	12					< 2.33	U
All Snohomish RB Locations	4					< 0.0723	U	12					< 1.26	U
All Snohomish AG Locations	4					< 0.0427	U	12					< 0.807	U
All Snohomish FB Locations	4					< 0.163	U	12					< 1.88	U
All Snohomish Locations	15					< 0.114	U	48					< 1.84	U
Puyallup Watershed														
CBA	2					< 0.0412	U	6					< 1.52	U
CBB	1					< 0.00908	U	6					< 0.807	U
RB53	2					< 0.0236	U	6					< 0.300	U
RB209	2					< 0.0314	U	6					< 0.417	U
AG143	2					< 0.0274	U	6					< 0.822	U
AG62	2					< 0.0413	U	6					< 1.26	U
FB130	2					< 0.137	U	6					< 1.28	U
FB372	2					< 0.0370	U	6					< 0.879	U
All Puyallup CB Locations	3					< 0.0284	U	12					< 1.26	U
All Puyallup RB Locations	4					< 0.0282	U	12					< 0.369	U
All Puyallup AG Locations	4					< 0.0390	U	12					< 1.12	U
All Puyallup FB Locations	4					< 0.0502	U	12					< 0.932	U
All Puyallup Locations	15					< 0.0370	U	48					< 0.942	U
All Monitoring Locations Combined														
All CB Locations	6					< 0.0321	U	24					< 1.63	U
All RB Locations	8					< 0.0506	U	24					< 0.807	U
All AG Locations	8					< 0.0433	U	24					< 0.949	U
All FB Locations	8					< 0.135	U	24					< 1.64	U
All Locations	30					< 0.0819	U	96					< 1.46	U

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-137. Absolute and unit area toxic chemical loading estimates for heptachlor epoxide for the Phase 3 study of toxics in surface runoff to Puget Sound

Unit Area Loading Rates (g/km ² /year)														
Baseflow						Storm Event								
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 0.0641	U	6					< 2.36	U
CBX	1					< 0.0195	U	6					< 1.92	U
RB111	2					< 0.0339	U	6					< 0.992	U
RB202	2					< 0.130	U	6					< 1.64	U
AG174	2					< 0.0640	U	6					< 0.718	U
AGG	2					< 0.0175	U	6					< 0.911	U
FB200	2					< 0.0892	U	6					< 1.10	U
FB203	2					< 0.171	U	6					< 1.96	U
All Snohomish CB Locations	3					< 0.0415	U	12					< 2.33	U
All Snohomish RB Locations	4					< 0.0723	U	12					< 1.26	U
All Snohomish AG Locations	4					< 0.0427	U	12					< 0.807	U
All Snohomish FB Locations	4					< 0.163	U	12					< 1.88	U
All Snohomish Locations	15					< 0.114	U	48					< 1.84	U
Puyallup Watershed														
CBA	2					< 0.0412	U	6					< 1.52	U
CBB	1					< 0.0145	U	6					< 0.807	U
RB53	2					< 0.0236	U	6					< 0.300	U
RB209	2					< 0.0314	U	6					< 0.417	U
AG143	2					< 0.0274	U	6					< 0.822	U
AG62	2					< 0.0413	U	6					< 1.26	U
FB130	2					< 0.137	U	6					< 1.28	U
FB372	2					< 0.0370	U	6					< 0.879	U
All Puyallup CB Locations	3					< 0.0454	U	12					< 1.26	U
All Puyallup RB Locations	4					< 0.0282	U	12					< 0.369	U
All Puyallup AG Locations	4					< 0.0390	U	12					< 1.12	U
All Puyallup FB Locations	4					< 0.0502	U	12					< 0.932	U
All Puyallup Locations	15					< 0.0539	U	48					< 0.942	U
All Monitoring Locations Combined														
All CB Locations	6					< 0.0513	U	24					< 1.63	U
All RB Locations	8					< 0.0506	U	24					< 0.807	U
All AG Locations	8					< 0.0433	U	24					< 0.949	U
All FB Locations	8					< 0.135	U	24					< 1.64	U
All Locations	30					< 0.119	U	96					< 1.46	U

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-138. Absolute and unit area toxic chemical loading estimates for hexachlorobenzene for the Phase 3 study of toxics in surface runoff to Puget Sound

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 0.0641	U	6					< 2.36	U
CBX	1					< 0.0195	U	6	0.0770	0.962	0.962	0.962	1.92	E
RB111	2					< 0.0339	U	6					< 0.992	U
RB202	2					< 0.130	U	6					< 1.64	U
AG174	2					< 0.0640	U	6	0.0276	0.119	0.345	0.345	0.359	E
AGG	2					< 0.0175	U	6					< 0.911	U
FB200	2	0.0446		0.0959		0.147	E	6					< 1.10	U
FB203	2					< 0.171	U	6					< 1.96	U
All Snohomish CB Locations	3					< 0.0415	U	12	0.0778	0.527	0.972	0.972	1.94	E
All Snohomish RB Locations	4					< 0.0723	U	12					< 1.26	U
All Snohomish AG Locations	4					< 0.0427	U	12	0.0310	0.0831	0.388	0.388	0.403	E
All Snohomish FB Locations	4	0.0775	0.0791	0.0816	0.175	0.269	E	12					< 1.88	U
All Snohomish Locations	15	0.0516	0.0543	0.0543	0.0543	0.179	E	48	0.0612	0.0643	0.765	0.765	1.53	E
Puyallup Watershed														
CBA	2					< 0.0412	U	6					< 1.52	U
CBB	1					< 0.00908	U	6					< 0.807	U
RB53	2					< 0.0236	U	6					< 0.300	U
RB209	2					< 0.0314	U	6					< 0.417	U
AG143	2					< 0.0274	U	6					< 0.822	U
AG62	2					< 0.0413	U	6					< 1.26	U
FB130	2	0.0685		0.192		0.315	E	6					< 1.28	U
FB372	2					< 0.0370	U	6					< 0.879	U
All Puyallup CB Locations	3					< 0.0284	U	12					< 1.26	U
All Puyallup RB Locations	4					< 0.0282	U	12					< 0.369	U
All Puyallup AG Locations	4					< 0.0390	U	12					< 1.12	U
All Puyallup FB Locations	4	0.0251	0.0251	0.0251	0.0702	0.115	E	12					< 0.932	U
All Puyallup Locations	15	0.0168	0.0168	0.0168	0.0168	0.0774	E	48					< 0.942	U
All Monitoring Locations Combined														
All CB Locations	6					< 0.0321	U	24	0.0543	0.0570	0.679	0.679	1.36	E
All RB Locations	8					< 0.0506	U	24					< 0.807	U
All AG Locations	8					< 0.0433	U	24	0.0365	0.0383	0.456	0.456	0.474	E
All FB Locations	8	0.0641	0.0675	0.0675	0.145	0.310	E	24					< 1.64	U
All Locations	30	0.0354	0.0372	0.0372	0.0372	0.171	E	96	0.0487	0.0511	0.608	0.608	1.22	E

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-139. Absolute and unit area toxic chemical loading estimates for methoxychlor for the Phase 3 study of toxics in surface runoff to Puget Sound

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 0.157	U	6					< 2.36	U
CBX	1					< 0.0488	U	6					< 1.92	U
RB111	2					< 0.0824	U	6					< 0.992	U
RB202	2					< 0.318	U	6					< 1.64	U
AG174	2					< 0.157	U	6					< 0.718	U
AGG	2					< 0.0438	U	6					< 0.911	U
FB200	2					< 0.219	U	6					< 1.10	U
FB203	2					< 0.427	U	6					< 1.96	U
All Snohomish CB Locations	3					< 0.104	U	12					< 2.33	U
All Snohomish RB Locations	4					< 0.176	U	12					< 1.26	U
All Snohomish AG Locations	4					< 0.107	U	12					< 0.807	U
All Snohomish FB Locations	4					< 0.408	U	12					< 1.88	U
All Snohomish Locations	15					< 0.277	U	48					< 1.84	U
Puyallup Watershed														
CBA	2					< 0.105	U	6					< 1.52	U
CBB	1					< 0.0223	U	6					< 0.807	U
RB53	2					< 0.0579	U	6					< 0.300	U
RB209	2					< 0.0800	U	6					< 0.417	U
AG143	2					< 0.0698	U	6					< 0.822	U
AG62	2					< 0.103	U	6					< 1.26	U
FB130	2					< 0.343	U	6					< 1.28	U
FB372	2					< 0.0942	U	6					< 0.879	U
All Puyallup CB Locations	3					< 0.0723	U	12					< 1.26	U
All Puyallup RB Locations	4					< 0.0720	U	12					< 0.369	U
All Puyallup AG Locations	4					< 0.0992	U	12					< 1.12	U
All Puyallup FB Locations	4					< 0.128	U	12					< 0.932	U
All Puyallup Locations	15					< 0.0943	U	48					< 0.942	U
All Monitoring Locations Combined														
All CB Locations	6					< 0.0818	U	24					< 1.63	U
All RB Locations	8					< 0.123	U	24					< 0.807	U
All AG Locations	8					< 0.110	U	24					< 0.949	U
All FB Locations	8					< 0.344	U	24					< 1.64	U
All Locations	30					< 0.209	U	96					< 1.46	U

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-140. Absolute and unit area toxic chemical loading estimates for mirex for the Phase 3 study of toxics in surface runoff to Puget Sound

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 0.0641	U	6					< 2.36	U
CBX	1					< 0.0195	U	6					< 1.92	U
RB111	2					< 0.0339	U	6					< 0.992	U
RB202	2					< 0.130	U	6					< 1.64	U
AG174	2					< 0.0640	U	6					< 0.718	U
AGG	2					< 0.0175	U	6					< 0.911	U
FB200	2					< 0.0892	U	6					< 1.10	U
FB203	2					< 0.171	U	6					< 1.96	U
All Snohomish CB Locations	3					< 0.0415	U	12					< 2.33	U
All Snohomish RB Locations	4					< 0.0723	U	12					< 1.26	U
All Snohomish AG Locations	4					< 0.0427	U	12					< 0.807	U
All Snohomish FB Locations	4					< 0.163	U	12					< 1.88	U
All Snohomish Locations	15					< 0.114	U	48					< 1.84	U
Puyallup Watershed														
CBA	2					< 0.0412	U	6					< 1.52	U
CBB	1					< 0.00908	U	6					< 0.807	U
RB53	2					< 0.0236	U	6					< 0.300	U
RB209	2					< 0.0314	U	6					< 0.417	U
AG143	2					< 0.0274	U	6					< 0.822	U
AG62	2					< 0.0413	U	6					< 1.26	U
FB130	2					< 0.137	U	6					< 1.28	U
FB372	2					< 0.0370	U	6					< 0.879	U
All Puyallup CB Locations	3					< 0.0284	U	12					< 1.26	U
All Puyallup RB Locations	4					< 0.0282	U	12					< 0.369	U
All Puyallup AG Locations	4					< 0.0390	U	12					< 1.12	U
All Puyallup FB Locations	4					< 0.0502	U	12					< 0.932	U
All Puyallup Locations	15					< 0.0370	U	48					< 0.942	U
All Monitoring Locations Combined														
All CB Locations	6					< 0.0321	U	24					< 1.63	U
All RB Locations	8					< 0.0506	U	24					< 0.807	U
All AG Locations	8					< 0.0433	U	24					< 0.949	U
All FB Locations	8					< 0.135	U	24					< 1.64	U
All Locations	30					< 0.0819	U	96					< 1.46	U

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-141. Absolute and unit area toxic chemical loading estimates for oxychlordan for the Phase 3 study of toxics in surface runoff to Puget Sound

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 0.0641	U	6					< 2.36	U
CBX	1					< 0.0195	U	6					< 1.92	U
RB111	2					< 0.0339	U	6					< 0.992	U
RB202	2					< 0.130	U	6					< 1.64	U
AG174	2					< 0.0640	U	6					< 0.718	U
AGG	2					< 0.0175	U	6					< 0.911	U
FB200	2					< 0.0892	U	6					< 1.10	U
FB203	2					< 0.171	U	6					< 1.96	U
All Snohomish CB Locations	3					< 0.0415	U	12					< 2.33	U
All Snohomish RB Locations	4					< 0.0723	U	12					< 1.26	U
All Snohomish AG Locations	4					< 0.0427	U	12					< 0.807	U
All Snohomish FB Locations	4					< 0.163	U	12					< 1.88	U
All Snohomish Locations	15					< 0.114	U	48					< 1.84	U
Puyallup Watershed														
CBA	2					< 0.0412	U	6					< 1.52	U
CBB	1					< 0.00908	U	6					< 0.807	U
RB53	2					< 0.0236	U	6					< 0.300	U
RB209	2					< 0.0314	U	6					< 0.417	U
AG143	2					< 0.0274	U	6					< 0.822	U
AG62	2					< 0.0413	U	6					< 1.26	U
FB130	2					< 0.137	U	6					< 1.28	U
FB372	2					< 0.0370	U	6					< 0.879	U
All Puyallup CB Locations	3					< 0.0284	U	12					< 1.26	U
All Puyallup RB Locations	4					< 0.0282	U	12					< 0.369	U
All Puyallup AG Locations	4					< 0.0390	U	12					< 1.12	U
All Puyallup FB Locations	4					< 0.0502	U	12					< 0.932	U
All Puyallup Locations	15					< 0.0370	U	48					< 0.942	U
All Monitoring Locations Combined														
All CB Locations	6					< 0.0321	U	24					< 1.63	U
All RB Locations	8					< 0.0506	U	24					< 0.807	U
All AG Locations	8					< 0.0433	U	24					< 0.949	U
All FB Locations	8					< 0.135	U	24					< 1.64	U
All Locations	30					< 0.0819	U	96					< 1.46	U

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-142. Absolute and unit area toxic chemical loading estimates for pentachloroanisole for the Phase 3 study of toxics in surface runoff to Puget Sound

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 0.0641	U	6					< 2.36	U
CBX	1			0.0302				6					< 1.92	U
RB111	2					< 0.0339	U	6					< 0.992	U
RB202	2					< 0.130	U	6	0.158	0.405	0.790	0.822	0.822	E
AG174	2	0.253		0.542		0.832		6	0.331	0.345	0.345	0.359	0.663	E
AGG	2	0.00876		0.0245		0.0403	E	6	0.0368	0.231	0.438	0.438	0.455	E
FB200	2					< 0.0892	U	6					< 1.10	U
FB203	2					< 0.171	U	6					< 1.96	U
All Snohomish CB Locations	3	0.0207	0.0207	0.0207	0.0533	0.0643	E	12					< 2.33	U
All Snohomish RB Locations	4					< 0.0723	U	12	0.0485	0.216	0.606	0.606	0.631	E
All Snohomish AG Locations	4	0.0213	0.0597	0.133	0.362	0.555		12	0.0326	0.380	0.388	0.396	0.745	E
All Snohomish FB Locations	4					< 0.163	U	12					< 1.88	U
All Snohomish Locations	15	0.0516	0.0543	0.0543	0.141	1.41	E	48	0.0612	0.272	0.765	0.765	1.47	E
Puyallup Watershed														
CBA	2	0.0206		0.0556		0.0906	E	6	0.0543	0.136	0.678	0.706	0.760	E
CBB	1			0.0223				6	0.152	0.158	0.388	0.388	0.404	E
RB53	2					< 0.0236	U	6					< 0.300	U
RB209	2					< 0.0314	U	6					< 0.417	U
AG143	2	0.0785		0.0866		0.0948		6	0.266	0.411	0.411	0.411	0.822	E
AG62	2					< 0.0413	U	6	0.0486	0.534	0.607	0.631	0.631	E
FB130	2					< 0.137	U	6					< 1.28	U
FB372	2					< 0.0370	U	6					< 0.879	U
All Puyallup CB Locations	3	0.0142	0.0262	0.0624	0.0676	0.0695		12	0.0450	0.225	0.562	0.574	0.630	E
All Puyallup RB Locations	4					< 0.0282	U	12					< 0.369	U
All Puyallup AG Locations	4	0.0177	0.0177	0.0646	0.123	0.135	E	12	0.0429	0.504	0.536	0.547	1.07	E
All Puyallup FB Locations	4					< 0.0502	U	12					< 0.932	U
All Puyallup Locations	15	0.0168	0.0168	0.0168	0.0598	0.128	E	48	0.0336	0.168	0.421	0.421	0.841	E
All Monitoring Locations Combined														
All CB Locations	6	0.0160	0.0160	0.0329	0.0706	0.0786	E	24	0.0543	0.201	0.679	0.679	0.814	E
All RB Locations	8					< 0.0506	U	24	0.0310	0.0543	0.388	0.388	0.403	E
All AG Locations	8	0.0197	0.0197	0.107	0.152	0.511		24	0.0365	0.447	0.456	0.465	0.912	E
All FB Locations	8					< 0.135	U	24					< 1.64	U
All Locations	30	0.0354	0.0372	0.0372	0.115	0.968	E	96	0.0487	0.243	0.608	0.608	1.22	E

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-143. Absolute and unit area toxic chemical loading estimates for toxaphene for the Phase 3 study of toxics in surface runoff to Puget Sound

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 3.14	U	6					< 39.3	U
CBX	1					< 0.956	U	6					< 19.2	U
RB111	2					< 1.62	U	6					< 9.92	U
RB202	2					< 6.30	U	6					< 16.4	U
AG174	2					< 3.10	U	6					< 7.18	U
AGG	2					< 0.867	U	6					< 9.11	U
FB200	2					< 4.33	U	6					< 11.0	U
FB203	2					< 8.46	U	6					< 19.6	U
All Snohomish CB Locations	3					< 2.03	U	12					< 38.9	U
All Snohomish RB Locations	4					< 3.45	U	12					< 12.6	U
All Snohomish AG Locations	4					< 2.11	U	12					< 8.07	U
All Snohomish FB Locations	4					< 8.08	U	12					< 18.8	U
All Snohomish Locations	15					< 5.43	U	48					< 30.6	U
Puyallup Watershed														
CBA	2					< 2.06	U	6					< 15.2	U
CBB	1					< 0.436	U	6					< 8.07	U
RB53	2					< 1.16	U	6					< 3.00	U
RB209	2					< 1.57	U	6					< 4.17	U
AG143	2					< 1.37	U	6					< 8.22	U
AG62	2					< 2.05	U	6					< 12.6	U
FB130	2					< 6.79	U	6					< 12.8	U
FB372	2					< 1.85	U	6					< 8.79	U
All Puyallup CB Locations	3					< 1.42	U	12					< 12.6	U
All Puyallup RB Locations	4					< 1.41	U	12					< 3.69	U
All Puyallup AG Locations	4					< 1.95	U	12					< 11.2	U
All Puyallup FB Locations	4					< 2.51	U	12					< 9.32	U
All Puyallup Locations	15					< 1.85	U	48					< 9.42	U
All Monitoring Locations Combined														
All CB Locations	6					< 1.60	U	24					< 27.1	U
All RB Locations	8					< 2.41	U	24					< 8.07	U
All AG Locations	8					< 2.16	U	24					< 9.49	U
All FB Locations	8					< 6.75	U	24					< 16.4	U
All Locations	30					< 4.10	U	96					< 24.3	U

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-144. Absolute and unit area toxic chemical loading estimates for trans-chlordane for the Phase 3 study of toxics in surface runoff to Puget Sound

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 0.0641	U	6					< 2.36	U
CBX	1					< 0.0195	U	6					< 1.92	U
RB111	2					< 0.0339	U	6					< 0.992	U
RB202	2					< 0.130	U	6					< 1.64	U
AG174	2					< 0.0640	U	6					< 0.718	U
AGG	2					< 0.0175	U	6					< 0.911	U
FB200	2					< 0.0892	U	6					< 1.10	U
FB203	2					< 0.171	U	6					< 1.96	U
All Snohomish CB Locations	3					< 0.0415	U	12					< 2.33	U
All Snohomish RB Locations	4					< 0.0723	U	12					< 1.26	U
All Snohomish AG Locations	4					< 0.0427	U	12					< 0.807	U
All Snohomish FB Locations	4					< 0.163	U	12					< 1.88	U
All Snohomish Locations	15					< 0.114	U	48					< 1.84	U
Puyallup Watershed														
CBA	2					< 0.0412	U	6					< 1.52	U
CBB	1					< 0.00908	U	6					< 0.807	U
RB53	2					< 0.0236	U	6					< 0.300	U
RB209	2					< 0.0314	U	6					< 0.417	U
AG143	2					< 0.0274	U	6					< 0.822	U
AG62	2					< 0.0413	U	6					< 1.26	U
FB130	2					< 0.137	U	6					< 1.28	U
FB372	2					< 0.0370	U	6					< 0.879	U
All Puyallup CB Locations	3					< 0.0284	U	12					< 1.26	U
All Puyallup RB Locations	4					< 0.0282	U	12					< 0.369	U
All Puyallup AG Locations	4					< 0.0390	U	12					< 1.12	U
All Puyallup FB Locations	4					< 0.0502	U	12					< 0.932	U
All Puyallup Locations	15					< 0.0370	U	48					< 0.942	U
All Monitoring Locations Combined														
All CB Locations	6					< 0.0321	U	24					< 1.63	U
All RB Locations	8					< 0.0506	U	24					< 0.807	U
All AG Locations	8					< 0.0433	U	24					< 0.949	U
All FB Locations	8					< 0.135	U	24					< 1.64	U
All Locations	30					< 0.0819	U	96					< 1.46	U

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-145. Absolute and unit area toxic chemical loading estimates for trans-nonachlor for the Phase 3 study of toxics in surface runoff to Puget Sound

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 0.0641	U	6					< 2.36	U
CBX	1					< 0.0195	U	6					< 1.92	U
RB111	2					< 0.0339	U	6					< 0.992	U
RB202	2					< 0.130	U	6					< 1.64	U
AG174	2					< 0.0640	U	6					< 0.718	U
AGG	2					< 0.0175	U	6					< 0.911	U
FB200	2					< 0.0892	U	6					< 1.10	U
FB203	2					< 0.171	U	6					< 1.96	U
All Snohomish CB Locations	3					< 0.0415	U	12					< 2.33	U
All Snohomish RB Locations	4					< 0.0723	U	12					< 1.26	U
All Snohomish AG Locations	4					< 0.0427	U	12					< 0.807	U
All Snohomish FB Locations	4					< 0.163	U	12					< 1.88	U
All Snohomish Locations	15					< 0.114	U	48					< 1.84	U
Puyallup Watershed														
CBA	2					< 0.0412	U	6					< 1.52	U
CBB	1					< 0.00908	U	6					< 0.807	U
RB53	2					< 0.0236	U	6					< 0.300	U
RB209	2					< 0.0314	U	6					< 0.417	U
AG143	2					< 0.0274	U	6					< 0.822	U
AG62	2					< 0.0413	U	6					< 1.26	U
FB130	2					< 0.137	U	6					< 1.28	U
FB372	2					< 0.0370	U	6					< 0.879	U
All Puyallup CB Locations	3					< 0.0284	U	12					< 1.26	U
All Puyallup RB Locations	4					< 0.0282	U	12					< 0.369	U
All Puyallup AG Locations	4					< 0.0390	U	12					< 1.12	U
All Puyallup FB Locations	4					< 0.0502	U	12					< 0.932	U
All Puyallup Locations	15					< 0.0370	U	48					< 0.942	U
All Monitoring Locations Combined														
All CB Locations	6					< 0.0321	U	24					< 1.63	U
All RB Locations	8					< 0.0506	U	24					< 0.807	U
All AG Locations	8					< 0.0433	U	24					< 0.949	U
All FB Locations	8					< 0.135	U	24					< 1.64	U
All Locations	30					< 0.0819	U	96					< 1.46	U

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-146. Absolute and unit area toxic chemical loading estimates for #2 diesel for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (kg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 16.0	U	6					< 47.2	U
CBX	1					< 4.88	U	6					< 38.5	U
RB111	2					< 8.08	U	6					< 19.8	U
RB202	2					< 32.5	U	6					< 31.6	U
AG174	2					< 16.0	U	6					< 13.8	U
AGG	2					< 4.38	U	6					< 17.5	U
FB200	2					< 22.3	U	6					< 21.2	U
FB203	2					< 42.7	U	6					< 45.3	U
All Snohomish CB Locations	3					< 10.4	U	12					< 46.7	U
All Snohomish RB Locations	4					< 17.2	U	12					< 24.3	U
All Snohomish AG Locations	4					< 10.7	U	12					< 15.5	U
All Snohomish FB Locations	4					< 40.8	U	12					< 43.4	U
All Snohomish Locations	15					< 27.2	U	48					< 36.7	U
Puyallup Watershed														
CBA	2					< 10.3	U	6					< 27.1	U
CBB	1					< 2.27	U	6					< 21.7	U
RB53	2					< 5.90	U	6					< 5.76	U
RB209	2					< 7.84	U	6					< 8.02	U
AG143	2					< 6.23	U	6					< 16.4	U
AG62	2					< 10.3	U	6					< 24.3	U
FB130	2					< 34.3	U	6					< 24.6	U
FB372	2					< 9.24	U	6					< 16.9	U
All Puyallup CB Locations	3					< 7.09	U	12					< 31.5	U
All Puyallup RB Locations	4					< 7.05	U	12					< 7.10	U
All Puyallup AG Locations	4					< 8.85	U	12					< 21.5	U
All Puyallup FB Locations	4					< 12.5	U	12					< 17.9	U
All Puyallup Locations	15					< 8.42	U	48					< 23.6	U
All Monitoring Locations Combined														
All CB Locations	6					< 8.02	U	24					< 38.0	U
All RB Locations	8					< 12.0	U	24					< 15.5	U
All AG Locations	8					< 9.83	U	24					< 18.2	U
All FB Locations	8					< 33.7	U	24					< 37.9	U
All Locations	30					< 18.6	U	96					< 34.1	U

kg/year = kilograms per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-147. Absolute and unit area toxic chemical loading estimates for gasoline for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (kg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 44.8	U	6					< 110	U
CBX	1					< 13.7	U	6					< 108	U
RB111	2					< 22.6	U	6					< 55.6	U
RB202	2					< 90.9	U	6					< 88.5	U
AG174	2					< 44.8	U	6					< 38.7	U
AGG	2					< 12.3	U	6					< 49.0	U
FB200	2					< 62.5	U	6					< 59.4	U
FB203	2					< 120	U	6					< 106	U
All Snohomish CB Locations	3					< 29.0	U	12					< 109	U
All Snohomish RB Locations	4					< 48.2	U	12					< 67.9	U
All Snohomish AG Locations	4					< 29.9	U	12					< 43.4	U
All Snohomish FB Locations	4					< 114	U	12					< 101	U
All Snohomish Locations	15					< 76.0	U	48					< 85.7	U
Puyallup Watershed														
CBA	2					< 28.8	U	6					< 76.0	U
CBB	1					< 6.36	U	6					< 43.5	U
RB53	2					< 16.5	U	6					< 16.1	U
RB209	2					< 22.0	U	6					< 22.4	U
AG143	2					< 17.5	U	6					< 46.0	U
AG62	2					< 28.9	U	6					< 68.0	U
FB130	2					< 96.0	U	6					< 69.0	U
FB372	2					< 25.9	U	6					< 47.3	U
All Puyallup CB Locations	3					< 19.8	U	12					< 63.0	U
All Puyallup RB Locations	4					< 19.8	U	12					< 19.9	U
All Puyallup AG Locations	4					< 24.8	U	12					< 60.1	U
All Puyallup FB Locations	4					< 35.1	U	12					< 50.2	U
All Puyallup Locations	15					< 23.6	U	48					< 47.1	U
All Monitoring Locations Combined														
All CB Locations	6					< 22.5	U	24					< 76.0	U
All RB Locations	8					< 33.7	U	24					< 43.4	U
All AG Locations	8					< 27.5	U	24					< 51.1	U
All FB Locations	8					< 94.5	U	24					< 88.5	U
All Locations	30					< 52.1	U	96					< 68.1	U

kg/year = kilograms per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-148. Absolute and unit area toxic chemical loading estimates for lube oil (TPH-Dx) for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (kg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 38.4	U	6	55.0	110	153	165	189	
CBX	1					< 11.7	U	6	46.2	108	112	123	208	
RB111	2					< 21.0	U	6					< 47.6	U
RB202	2					< 77.9	U	6					< 82.2	U
AG174	2					< 38.4	U	6					< 35.9	U
AGG	2					< 10.5	U	6					< 42.0	U
FB200	2					< 53.5	U	6					< 55.2	U
FB203	2					< 103	U	6					< 113	U
All Snohomish CB Locations	3					< 24.9	U	12	46.7	109	121	163	210	
All Snohomish RB Locations	4					< 44.8	U	12					< 63.1	U
All Snohomish AG Locations	4					< 25.6	U	12					< 40.3	U
All Snohomish FB Locations	4					< 97.9	U	12					< 108	U
All Snohomish Locations	15					< 70.6	U	48	36.7	36.7	36.7	41.0	165	E
Puyallup Watershed														
CBA	2					< 24.7	U	6	32.6	32.6	33.7	35.3	86.8	E
CBB	1					< 5.45	U	6	18.6	43.5	66.7	71.4	74.5	
RB53	2					< 14.2	U	6					< 13.8	U
RB209	2					< 18.8	U	6					< 20.8	U
AG143	2					< 16.2	U	6					< 42.8	U
AG62	2					< 26.9	U	6					< 68.0	U
FB130	2					< 82.2	U	6					< 64.1	U
FB372	2					< 22.2	U	6					< 43.9	U
All Puyallup CB Locations	3					< 17.0	U	12	27.0	27.0	45.9	96.7	108	E
All Puyallup RB Locations	4					< 16.9	U	12					< 18.5	U
All Puyallup AG Locations	4					< 23.0	U	12					< 60.1	U
All Puyallup FB Locations	4					< 30.1	U	12					< 46.6	U
All Puyallup Locations	15					< 21.9	U	48	20.2	20.2	20.2	21.9	80.7	E
All Monitoring Locations Combined														
All CB Locations	6					< 19.2	U	24	32.6	35.3	78.7	114	147	
All RB Locations	8					< 31.3	U	24					< 40.3	U
All AG Locations	8					< 25.6	U	24					< 51.1	U
All FB Locations	8					< 81.0	U	24					< 94.8	U
All Locations	30					< 48.4	U	96	29.2	29.2	29.2	31.6	131	E

kg/year = kilograms per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-149. Absolute and unit area toxic chemical loading estimates for oil and grease for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (kg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 128	U	6	157	157	393	550	629	
CBX	1					< 39.0	U	6	154	154	154	308	308	E
RB111	2					< 64.6	U	6	79.4	79.4	79.4	198	238	E
RB202	2					< 260	U	6	126	126	126	126	632	E
AG174	2					< 128	U	6	55.2	55.2	55.2	55.2	138	E
AGG	2					< 35.0	U	6	70.1	70.1	70.1	70.1	210	E
FB200	2					< 178	U	6	84.9	84.9	84.9	212	424	E
FB203	2					< 342	U	6	151	151	151	302	377	E
All Snohomish CB Locations	3					< 83.0	U	12	156	156	233	389	622	E
All Snohomish RB Locations	4					< 138	U	12	97.0	97.0	97.0	170	485	E
All Snohomish AG Locations	4					< 85.3	U	12	62.0	62.0	62.0	62.0	186	E
All Snohomish FB Locations	4					< 326	U	12	145	145	145	325	723	E
All Snohomish Locations	15					< 217	U	48	122	122	122	245	612	E
Puyallup Watershed														
CBA	2					< 82.3	U	6	109	109	109	109	217	E
CBB	1			18.2				6	62.1	62.1	62.1	217	248	E
RB53	2	23.6		35.4		47.2	E	6	23.1	23.1	23.1	23.1	57.6	E
RB209	2	31.4		47.1		62.7	E	6	32.1	32.1	32.1	32.1	64.1	E
AG143	2	24.9		49.9		74.8	E	6	65.8	65.8	65.8	65.8	658	E
AG62	2					< 82.6	U	6					< 194	U
FB130	2	137		206		274	E	6					< 197	U
FB372	2	37.0		157		277	E	6					< 169	U
All Puyallup CB Locations	3	28.4	28.4	28.4	49.6	56.7	E	12	90.0	90.0	90.0	135	360	E
All Puyallup RB Locations	4	28.2	28.2	42.3	56.4	56.4	E	12	28.4	28.4	28.4	28.4	71.0	E
All Puyallup AG Locations	4	35.4	35.4	35.4	70.8	106	E	12	85.8	85.8	85.8	85.8	858	E
All Puyallup FB Locations	4	50.2	50.2	75.3	238	376	E	12					< 179	U
All Puyallup Locations	15	33.7	33.7	33.7	67.3	253	E	48	67.3	67.3	67.3	67.3	673	E
All Monitoring Locations Combined														
All CB Locations	6	32.1	32.1	32.1	32.1	64.2	E	24	109	109	109	217	434	E
All RB Locations	8	48.2	48.2	48.2	72.2	96.3	E	24	62.1	62.1	62.1	62.1	310	E
All AG Locations	8	39.3	39.3	39.3	39.3	118	E	24	73.0	73.0	73.0	73.0	730	E
All FB Locations	8	135	135	135	202	1010	E	24	126	126	126	126	632	E
All Locations	30	74.5	74.5	74.5	74.5	559	E	96	97.3	97.3	97.3	97.3	973	E

kg/year = kilograms per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-150. Absolute and unit area toxic chemical loading estimates for lube oil (TPH-DOG) for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (kg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 11.5	U	6	15.7	55.0	98.2	102	165	
CBX	1					< 3.12	U	6	25.4	53.9	65.4	92.4	169	
RB111	2					< 5.82	U	6	5.95	5.95	6.35	6.55	11.9	E
RB202	2					< 23.4	U	6	9.48	9.48	14.5	20.9	22.8	E
AG174	2					< 15.0	U	6					< 9.67	U
AGG	2	1.40		2.63		3.86	E	6	5.25	5.25	5.60	5.78	28.0	E
FB200	2					< 15.6	U	6	6.37	6.37	6.79	6.79	25.5	E
FB203	2					< 29.9	U	6	11.3	11.3	12.1	33.2	37.7	E
All Snohomish CB Locations	3					< 7.47	U	12	15.6	54.4	81.7	101	171	
All Snohomish RB Locations	4					< 12.4	U	12	7.28	7.28	7.76	14.6	17.5	E
All Snohomish AG Locations	4	3.41	3.41	4.20	7.19	9.39	E	12	4.65	4.65	4.96	5.03	24.8	E
All Snohomish FB Locations	4					< 28.5	U	12	10.8	10.8	11.6	21.7	43.4	E
All Snohomish Locations	15	8.42	8.69	8.96	9.78	23.9	E	48	9.18	9.18	9.79	33.7	135	E
Puyallup Watershed														
CBA	2					< 7.21	U	6	8.68	8.68	8.79	17.4	32.6	E
CBB	1					< 1.41	U	6	4.97	18.6	32.0	37.3	59.0	
RB53	2					< 4.25	U	6					< 3.80	U
RB209	2					< 6.59	U	6					< 5.29	U
AG143	2					< 3.99	U	6	5.26	5.26	5.26	5.59	13.2	E
AG62	2					< 7.23	U	6					< 16.0	U
FB130	2					< 23.3	U	6					< 16.3	U
FB372	2					< 6.47	U	6					< 16.2	U
All Puyallup CB Locations	3					< 4.96	U	12	7.20	7.20	20.7	46.3	85.5	
All Puyallup RB Locations	4					< 5.93	U	12					< 4.69	U
All Puyallup AG Locations	4					< 6.20	U	12	6.44	6.87	6.87	6.95	17.2	E
All Puyallup FB Locations	4					< 8.78	U	12					< 17.2	U
All Puyallup Locations	15					< 7.07	U	48	5.05	5.38	5.38	5.55	63.9	E
All Monitoring Locations Combined														
All CB Locations	6					< 5.77	U	24	8.69	14.1	40.7	65.2	119	
All RB Locations	8					< 10.1	U	24	4.65	4.81	4.96	5.12	11.2	E
All AG Locations	8	3.15	3.15	3.15	4.03	8.65	E	24	5.47	5.66	5.84	5.91	29.2	E
All FB Locations	8					< 23.6	U	24	9.48	9.61	10.1	10.4	37.9	E
All Locations	30	5.77	5.96	5.96	6.52	16.4	E	96	7.30	7.79	7.79	15.8	107	E

kg/year = kilograms per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-151. Absolute and unit area toxic chemical loading estimates for bis(2-ethylhexyl) phthalate for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 51.2	U	6	66.8	754	782	1180	1180	
CBX	1					< 15.6	U	6	92.4	131	166	196	454	E
RB111	2	12.9		976		1940	E	6	31.8	31.8	31.8	39.7	93.3	E
RB202	2					< 110	U	6	44.2	50.6	50.6	56.9	56.9	E
AG174	2					< 51.2	U	6	19.3	22.1	22.1	22.1	23.5	E
AGG	2					< 14.9	U	6	24.5	26.3	28.0	28.0	40.3	E
FB200	2					< 71.4	U	6	25.5	34.0	34.0	34.0	36.1	E
FB203	2					< 145	U	6	45.3	60.4	60.4	60.4	60.4	E
All Snohomish CB Locations	3					< 33.2	U	12	66.1	140	328	774	1170	E
All Snohomish RB Locations	4	27.6	28.2	29.3	2080	4130	E	12	34.0	38.8	38.8	43.7	114	E
All Snohomish AG Locations	4					< 36.3	U	12	21.7	24.2	24.8	24.8	35.7	E
All Snohomish FB Locations	4					< 139	U	12	43.4	57.8	57.8	57.8	61.5	E
All Snohomish Locations	15	40.7	43.4	43.4	46.2	6520	E	48	36.7	49.0	49.0	71.6	918	E
Puyallup Watershed														
CBA	2					< 32.9	U	6	43.4	48.8	118	255	277	E
CBB	1					< 6.81	U	6	32.6	68.3	123	165	341	
RB53	2					< 20.1	U	6	8.64	9.22	9.22	11.5	12.7	E
RB209	2					< 26.7	U	6	12.0	12.0	12.8	13.6	19.2	E
AG143	2					< 19.9	U	6	26.3	26.3	29.6	36.2	42.8	E
AG62	2					< 33.1	U	6	36.4	38.8	38.8	43.7	87.4	E
FB130	2					< 110	U	6	39.4	39.4	40.4	44.3	177	E
FB372	2					< 31.4	U	6	27.0	27.0	27.0	60.8	91.3	E
All Puyallup CB Locations	3					< 22.7	U	12	36.0	51.7	153	220	495	
All Puyallup RB Locations	4					< 24.0	U	12	10.7	11.1	11.4	13.2	17.0	E
All Puyallup AG Locations	4					< 28.3	U	12	32.2	34.3	34.3	45.1	77.2	E
All Puyallup FB Locations	4					< 42.7	U	12	28.7	28.7	28.7	48.4	129	E
All Puyallup Locations	15					< 28.6	U	48	25.2	26.9	28.6	52.1	370	E
All Monitoring Locations Combined														
All CB Locations	6					< 25.7	U	24	43.4	80.4	185	421	814	
All RB Locations	8	19.3	19.3	20.5	20.5	2890	E	24	21.7	24.8	24.8	27.9	72.9	E
All AG Locations	8					< 33.4	U	24	25.5	29.2	29.2	32.1	65.7	E
All FB Locations	8					< 115	U	24	37.9	50.6	50.6	51.8	228	E
All Locations	30	27.9	29.8	29.8	31.7	4470	E	96	29.2	38.9	38.9	61.8	730	E

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-152. Absolute and unit area toxic chemical loading estimates for butyl benzyl phthalate for the Phase 3 study of toxics in surface runoff to Puget Sound

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 102	U	6					< 267	U
CBX	1					< 31.2	U	6	119	123	127	131	1390	E
RB111	2					< 51.7	U	6					< 131	U
RB202	2					< 214	U	6					< 209	U
AG174	2					< 102	U	6					< 91.2	U
AGG	2					< 28.9	U	6					< 116	U
FB200	2					< 143	U	6					< 140	U
FB203	2					< 291	U	6					< 249	U
All Snohomish CB Locations	3					< 66.4	U	12	121	124	126	131	1400	E
All Snohomish RB Locations	4					< 114	U	12					< 160	U
All Snohomish AG Locations	4					< 70.4	U	12					< 102	U
All Snohomish FB Locations	4					< 277	U	12					< 239	U
All Snohomish Locations	15					< 185	U	48	94.9	97.9	97.9	101	1100	E
Puyallup Watershed														
CBA	2					< 67.9	U	6					< 179	U
CBB	1					< 14.1	U	6	18.6	48.1	48.7	51.2	236	E
RB53	2					< 39.0	U	6					< 38.0	U
RB209	2					< 51.8	U	6					< 52.9	U
AG143	2					< 41.1	U	6					< 109	U
AG62	2					< 68.2	U	6					< 160	U
FB130	2					< 219	U	6					< 163	U
FB372	2					< 61.0	U	6					< 125	U
All Puyallup CB Locations	3					< 46.8	U	12	27.0	69.7	69.7	72.9	342	E
All Puyallup RB Locations	4					< 46.6	U	12					< 46.9	U
All Puyallup AG Locations	4					< 58.4	U	12					< 142	U
All Puyallup FB Locations	4					< 82.8	U	12					< 133	U
All Puyallup Locations	15					< 55.6	U	48	20.2	52.1	53.8	55.5	256	E
All Monitoring Locations Combined														
All CB Locations	6					< 52.9	U	24	32.6	84.2	86.9	89.6	977	E
All RB Locations	8					< 79.5	U	24					< 102	U
All AG Locations	8					< 64.9	U	24					< 120	U
All FB Locations	8					< 229	U	24					< 234	U
All Locations	30					< 127	U	96	29.2	75.4	77.9	80.3	876	E

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-153. Absolute and unit area toxic chemical loading estimates for diethyl phthalate for the Phase 3 study of toxics in surface runoff to Puget Sound

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 51.2	U	6	62.9	62.9	64.4	66.8	126	E
CBX	1					< 15.6	U	6	57.7	61.6	61.6	65.4	131	E
RB111	2					< 25.9	U	6					< 67.5	U
RB202	2					< 110	U	6	50.6	50.6	50.6	50.6	101	E
AG174	2					< 51.2	U	6					< 47.0	U
AGG	2					< 14.9	U	6					< 59.6	U
FB200	2					< 71.4	U	6					< 72.2	U
FB203	2					< 145	U	6					< 121	U
All Snohomish CB Locations	3					< 33.2	U	12	58.3	62.2	62.2	66.1	132	E
All Snohomish RB Locations	4					< 58.6	U	12	38.8	38.8	38.8	38.8	77.6	E
All Snohomish AG Locations	4					< 36.3	U	12					< 52.7	U
All Snohomish FB Locations	4					< 139	U	12					< 123	U
All Snohomish Locations	15					< 92.3	U	48	45.9	49.0	49.0	49.0	104	E
Puyallup Watershed														
CBA	2					< 32.9	U	6					< 86.8	U
CBB	1					< 6.81	U	6	23.3	23.3	24.8	24.8	31.0	E
RB53	2					< 20.1	U	6					< 19.6	U
RB209	2					< 26.7	U	6					< 25.7	U
AG143	2					< 19.9	U	6					< 52.6	U
AG62	2					< 33.1	U	6					< 77.7	U
FB130	2					< 110	U	6					< 83.8	U
FB372	2					< 31.4	U	6	25.4	27.0	27.0	32.1	33.8	E
All Puyallup CB Locations	3					< 22.7	U	12	33.7	33.7	36.0	36.0	45.0	E
All Puyallup RB Locations	4					< 24.0	U	12					< 24.1	U
All Puyallup AG Locations	4					< 28.3	U	12					< 68.7	U
All Puyallup FB Locations	4					< 42.7	U	12	26.9	28.7	28.7	29.4	35.8	E
All Puyallup Locations	15					< 28.6	U	48	25.2	26.9	26.9	26.9	33.6	E
All Monitoring Locations Combined														
All CB Locations	6					< 25.7	U	24	40.7	43.4	43.4	44.5	92.3	E
All RB Locations	8					< 40.9	U	24	23.3	24.8	24.8	24.8	49.6	E
All AG Locations	8					< 33.4	U	24					< 62.0	U
All FB Locations	8					< 115	U	24	47.4	50.6	50.6	50.6	63.2	E
All Locations	30					< 63.3	U	96	36.5	38.9	38.9	38.9	82.7	E

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-154. Absolute and unit area toxic chemical loading estimates for dimethyl phthalate for the Phase 3 study of toxics in surface runoff to Puget Sound

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 51.2	U	6	59.7	62.9	64.4	66.8	102	E
CBX	1					< 15.6	U	6	57.7	61.6	63.1	71.6	131	E
RB111	2					< 25.9	U	6					< 67.5	U
RB202	2					< 110	U	6					< 101	U
AG174	2					< 51.2	U	6					< 47.0	U
AGG	2					< 14.9	U	6					< 59.6	U
FB200	2					< 71.4	U	6					< 72.2	U
FB203	2					< 145	U	6					< 121	U
All Snohomish CB Locations	3					< 33.2	U	12	58.3	62.2	63.8	69.2	132	E
All Snohomish RB Locations	4					< 58.6	U	12					< 82.5	U
All Snohomish AG Locations	4					< 36.3	U	12					< 52.7	U
All Snohomish FB Locations	4					< 139	U	12					< 123	U
All Snohomish Locations	15					< 92.3	U	48	45.9	49.0	49.0	49.0	104	E
Puyallup Watershed														
CBA	2					< 32.9	U	6					< 86.8	U
CBB	1					< 6.81	U	6					< 49.7	U
RB53	2					< 20.1	U	6					< 19.6	U
RB209	2					< 26.7	U	6					< 25.7	U
AG143	2					< 19.9	U	6					< 52.6	U
AG62	2					< 33.1	U	6					< 77.7	U
FB130	2					< 110	U	6					< 83.8	U
FB372	2					< 31.4	U	6					< 64.2	U
All Puyallup CB Locations	3					< 22.7	U	12					< 72.0	U
All Puyallup RB Locations	4					< 24.0	U	12					< 24.1	U
All Puyallup AG Locations	4					< 28.3	U	12					< 68.7	U
All Puyallup FB Locations	4					< 42.7	U	12					< 68.1	U
All Puyallup Locations	15					< 28.6	U	48					< 63.9	U
All Monitoring Locations Combined														
All CB Locations	6					< 25.7	U	24	40.7	42.4	43.4	44.5	92.3	E
All RB Locations	8					< 40.9	U	24					< 52.7	U
All AG Locations	8					< 33.4	U	24					< 62.0	U
All FB Locations	8					< 115	U	24					< 120	U
All Locations	30					< 63.3	U	96	36.5	38.9	38.9	38.9	82.7	E

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-155. Absolute and unit area toxic chemical loading estimates for di-n-butylphthalate for the Phase 3 study of toxics in surface runoff to Puget Sound

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 109	U	6					< 354	U
CBX	1					< 10.7	U	6					< 323	U
RB111	2					< 40.4	U	6					< 254	U
RB202	2					< 123	U	6					< 177	U
AG174	2					< 138	U	6					< 99.4	U
AGG	2					< 32.4	U	6					< 210	U
FB200	2					< 112	U	6					< 136	U
FB203	2					< 197	U	6					< 332	U
All Snohomish CB Locations	3					< 70.5	U	12					< 350	U
All Snohomish RB Locations	4					< 86.1	U	12					< 311	U
All Snohomish AG Locations	4					< 91.7	U	12					< 186	U
All Snohomish FB Locations	4					< 204	U	12					< 318	U
All Snohomish Locations	15					< 234	U	48					< 392	U
Puyallup Watershed														
CBA	2					< 53.5	U	6					< 141	U
CBB	1					< 9.99	U	6					< 208	U
RB53	2					< 29.5	U	6					< 27.7	U
RB209	2					< 17.3	U	6					< 44.9	U
AG143	2					< 31.2	U	6					< 75.7	U
AG62	2					< 41.3	U	6					< 121	U
FB130	2					< 206	U	6					< 103	U
FB372	2					< 51.7	U	6					< 118	U
All Puyallup CB Locations	3					< 36.9	U	12					< 301	U
All Puyallup RB Locations	4					< 35.3	U	12					< 39.8	U
All Puyallup AG Locations	4					< 44.3	U	12					< 107	U
All Puyallup FB Locations	4					< 75.3	U	12					< 125	U
All Puyallup Locations	15					< 50.5	U	48					< 225	U
All Monitoring Locations Combined														
All CB Locations	6					< 54.5	U	24					< 364	U
All RB Locations	8					< 60.2	U	24					< 199	U
All AG Locations	8					< 84.6	U	24					< 219	U
All FB Locations	8					< 202	U	24					< 278	U
All Locations	30					< 160	U	96					< 326	U

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-156. Absolute and unit area toxic chemical loading estimates for di-n-octyl phthalate for the Phase 3 study of toxics in surface runoff to Puget Sound

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 51.2	U	6	62.9	62.9	64.4	259	275	E
CBX	1					< 15.6	U	6	57.7	61.6	61.6	65.4	154	E
RB111	2					< 25.9	U	6					< 67.5	U
RB202	2					< 110	U	6	50.6	50.6	50.6	50.6	101	E
AG174	2					< 51.2	U	6					< 47.0	U
AGG	2					< 14.9	U	6					< 59.6	U
FB200	2					< 71.4	U	6					< 72.2	U
FB203	2					< 145	U	6	60.4	60.4	60.4	60.4	121	E
All Snohomish CB Locations	3					< 33.2	U	12	58.3	62.2	62.2	110	272	E
All Snohomish RB Locations	4					< 58.6	U	12	38.8	38.8	38.8	38.8	77.6	E
All Snohomish AG Locations	4					< 36.3	U	12					< 52.7	U
All Snohomish FB Locations	4					< 139	U	12	57.8	57.8	57.8	57.8	116	E
All Snomomish Locations	15					< 92.3	U	48	45.9	49.0	49.0	49.0	214	E
Puyallup Watershed														
CBA	2					< 32.9	U	6					< 86.8	U
CBB	1					< 6.81	U	6					< 49.7	U
RB53	2					< 20.1	U	6					< 19.6	U
RB209	2					< 26.7	U	6					< 25.7	U
AG143	2					< 19.9	U	6					< 52.6	U
AG62	2					< 33.1	U	6					< 77.7	U
FB130	2					< 110	U	6					< 83.8	U
FB372	2					< 31.4	U	6					< 64.2	U
All Puyallup CB Locations	3					< 22.7	U	12					< 72.0	U
All Puyallup RB Locations	4					< 24.0	U	12					< 24.1	U
All Puyallup AG Locations	4					< 28.3	U	12					< 68.7	U
All Puyallup FB Locations	4					< 42.7	U	12					< 68.1	U
All Puyallup Locations	15					< 28.6	U	48					< 63.9	U
All Monitoring Locations Combined														
All CB Locations	6					< 25.7	U	24	40.7	43.4	43.4	43.4	190	E
All RB Locations	8					< 40.9	U	24	23.3	24.8	24.8	24.8	49.6	E
All AG Locations	8					< 33.4	U	24					< 62.0	U
All FB Locations	8					< 115	U	24	47.4	50.6	50.6	50.6	101	E
All Locations	30					< 63.3	U	96	36.5	38.9	38.9	38.9	170	E

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-157. Absolute and unit area toxic chemical loading estimates for total PBDEs for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2	96.5		1540		2980		4	3.93	5090	22600	124000	213000	
CBX	1			41.6				4	771	1030	1620	2520	3100	
RB111	2	49.5		75.4		101	E	4	4.17	6.67	22.9	43.1	49.6	
RB202	2					< 171	U	4	7.40	9.73	14.2	35.6	54.9	
AG174	2					< 84.1	U	4	11.7	23.1	34.5	34.7	34.9	E
AGG	2	3.04		13.8		24.5		4	7.01	8.41	26.8	133	223	
FB200	2	55.8		471		887	E	4	12.6	43.0	85.2	210	323	
FB203	2	46.7		76.7		107	E	4	15.2	54.8	94.3	198	303	E
All Snohomish CB Locations	3	62.5	69.0	88.4	1470	1930		8	3.89	1040	2550	22300	211000	
All Snohomish RB Locations	4	43.1	44.2	75.5	161	216	E	8	5.09	7.47	11.9	43.5	60.6	
All Snohomish AG Locations	4	7.40	17.0	27.3	43.9	59.7	E	8	6.20	10.9	38.8	39.0	197	E
All Snohomish FB Locations	4	44.5	73.2	102	861	1620	E	8	14.5	56.0	108	228	551	
All Snohomish Locations	15	18.8	67.9	71.5	215	5060		32	3.06	16.5	76.5	428	166000	
Puyallup Watershed														
CBA	2	4.06		47.9		91.8		4	461	570	7490	19000	23800	
CBB	1			23.0				4	451	577	1160	1810	2000	
RB53	2	1.91		8.34		14.8	E	4	1.31	7.86	14.4	14.5	14.7	E
RB209	2	2.04		10.8		19.6	E	4	20.0	20.4	32.6	57.5	70.7	E
AG143	2	1.27		2.67		4.08		4	6.09	9.05	198	9850	19300	
AG62	3					< 53.7	U	4	8.74	34.7	60.7	94.0	127	E
FB130	2					< 178	U	4					< 123	U
FB372	2					< 46.2	U	4	3.89	23.1	44.3	827	1610	E
All Puyallup CB Locations	3	2.79	17.9	63.2	69.7	71.9		8	382	609	1680	7380	19700	
All Puyallup RB Locations	4	1.83	2.06	9.96	17.6	17.6	E	8	1.62	17.8	17.9	28.8	62.6	E
All Puyallup AG Locations	5	1.81	4.80	22.1	23.0	23.0	E	8	7.72	11.8	53.6	306	25200	
All Puyallup FB Locations	4					< 65.2	U	8	4.12	44.8	44.8	47.0	1700	E
All Puyallup Locations	16	1.72	4.41	21.0	21.9	85.3	E	32	3.84	42.1	43.3	455	19800	
All Monitoring Locations Combined														
All CB Locations	6	3.16	48.3	69.9	81.3	1490		16	2.71	735	1780	10700	147000	
All RB Locations	8	3.13	17.0	30.1	52.8	151	E	16	3.26	6.52	33.7	39.2	137	
All AG Locations	9	2.01	6.73	24.6	25.6	55.1	E	16	6.57	11.8	45.6	70.9	21400	
All FB Locations	8	36.8	84.3	84.3	86.0	1340	E	16	7.27	79.0	79.0	127	3010	E
All Locations	31	3.80	46.6	46.6	110	3470	E	64	2.43	31.4	60.8	527	132000	

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-158. Absolute and unit area toxic chemical loading estimates for PBDE-007 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 8.01	U	3					< 26.6	U
CBX	1					< 2.39	U	2					< 10.0	U
RB111	2					< 4.49	U	3					< 9.92	U
RB202	2					< 17.1	U	3					< 16.0	U
AG174	2					< 8.41	U	3					< 6.99	U
AGG	2					< 2.23	U	3					< 8.97	U
FB200	2					< 11.1	U	3					< 11.0	U
FB203	2					< 20.9	U	3					< 18.9	U
All Snohomish CB Locations	3					< 5.19	U	5					< 26.3	U
All Snohomish RB Locations	4					< 9.58	U	6					< 12.3	U
All Snohomish AG Locations	4					< 5.61	U	6					< 7.94	U
All Snohomish FB Locations	4					< 20.2	U	6					< 18.7	U
All Snohomish Locations	15					< 15.1	U	23					< 20.7	U
Puyallup Watershed														
CBA	2					< 5.41	U	3	6.02	6.21	6.78	7.41	7.63	E
CBB	1					< 1.14	U	3					< 7.92	U
RB53	2					< 3.11	U	3					< 3.07	U
RB209	2					< 3.92	U	2					< 4.09	U
AG143	2					< 3.18	U	2	2.72		3.42		4.11	E
AG62	2					< 5.16	U	2					< 12.1	U
FB130	2					< 17.8	U	2					< 12.3	U
FB372	2					< 4.62	U	2					< 8.62	U
All Puyallup CB Locations	3					< 3.73	U	6	2.88	4.99	5.37	5.74	6.32	E
All Puyallup RB Locations	4					< 3.71	U	5					< 3.78	U
All Puyallup AG Locations	4					< 4.52	U	4	2.77	3.16	4.46	5.36	5.36	E
All Puyallup FB Locations	4					< 6.52	U	4					< 9.14	U
All Puyallup Locations	15					< 4.43	U	19	2.15	2.17	4.21	4.29	4.73	E
All Monitoring Locations Combined														
All CB Locations	6					< 4.22	U	11	1.36	3.48	6.03	6.89	9.18	E
All RB Locations	8					< 6.70	U	11					< 8.25	U
All AG Locations	8					< 5.17	U	10	2.21	2.50	4.56	4.56	4.67	E
All FB Locations	8					< 17.5	U	10					< 16.3	U
All Locations	30					< 10.4	U	42	1.22	3.14	5.94	6.16	8.22	E

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-159. Absolute and unit area toxic chemical loading estimates for PBDE-010 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)													
Baseflow							Storm Event						
n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed													
CB335	2				< 8.01	U	3					< 26.6	U
CBX	1				< 2.39	U	2					< 10.0	U
RB111	2				< 4.49	U	3					< 9.92	U
RB202	2				< 17.1	U	3					< 16.0	U
AG174	2				< 8.41	U	3					< 6.99	U
AGG	2				< 2.23	U	3					< 8.97	U
FB200	2				< 11.1	U	3					< 11.0	U
FB203	2				< 20.9	U	3					< 18.9	U
All Snohomish CB Locations	3				< 5.19	U	5					< 26.3	U
All Snohomish RB Locations	4				< 9.58	U	6					< 12.3	U
All Snohomish AG Locations	4				< 5.61	U	6					< 7.94	U
All Snohomish FB Locations	4				< 20.2	U	6					< 18.7	U
All Snohomish Locations	15				< 15.1	U	23					< 20.7	U
Puyallup Watershed													
CBA	2				< 5.41	U	3					< 15.3	U
CBB	1				< 1.14	U	3					< 7.92	U
RB53	2				< 3.11	U	3					< 3.07	U
RB209	2				< 3.92	U	2					< 4.09	U
AG143	2				< 3.18	U	2					< 8.22	U
AG62	2				< 5.16	U	2					< 12.1	U
FB130	2				< 17.8	U	2					< 12.3	U
FB372	2				< 4.62	U	2					< 8.62	U
All Puyallup CB Locations	3				< 3.73	U	6					< 12.6	U
All Puyallup RB Locations	4				< 3.71	U	5					< 3.78	U
All Puyallup AG Locations	4				< 4.52	U	4					< 10.7	U
All Puyallup FB Locations	4				< 6.52	U	4					< 9.14	U
All Puyallup Locations	15				< 4.43	U	19					< 9.45	U
All Monitoring Locations Combined													
All CB Locations	6				< 4.22	U	11					< 18.4	U
All RB Locations	8				< 6.70	U	11					< 8.25	U
All AG Locations	8				< 5.17	U	10					< 9.34	U
All FB Locations	8				< 17.5	U	10					< 16.3	U
All Locations	30				< 10.4	U	42					< 16.4	U

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-160. Absolute and unit area toxic chemical loading estimates for PBDE-015 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 8.01	U	3					< 26.6	U
CBX	1					< 2.39	U	2	5.00		8.55		12.1	E
RB111	2					< 4.49	U	3					< 9.92	U
RB202	2					< 17.1	U	3					< 16.0	U
AG174	2					< 8.41	U	3					< 6.99	U
AGG	2					< 2.23	U	3					< 8.97	U
FB200	2					< 11.1	U	3					< 11.0	U
FB203	2					< 20.9	U	3					< 18.9	U
All Snohomish CB Locations	3					< 5.19	U	5	1.94	4.25	5.06	12.4	13.1	E
All Snohomish RB Locations	4					< 9.58	U	6					< 12.3	U
All Snohomish AG Locations	4					< 5.61	U	6					< 7.94	U
All Snohomish FB Locations	4					< 20.2	U	6					< 18.7	U
All Snohomish Locations	15					< 15.1	U	23	1.53	4.09	7.65	7.72	10.3	E
Puyallup Watershed														
CBA	2					< 5.41	U	3					< 15.3	U
CBB	1					< 1.14	U	3					< 7.92	U
RB53	2					< 3.11	U	3					< 3.07	U
RB209	2					< 3.92	U	2					< 4.09	U
AG143	2					< 3.18	U	2					< 8.22	U
AG62	2					< 5.16	U	2					< 12.1	U
FB130	2					< 17.8	U	2					< 12.3	U
FB372	2					< 4.62	U	2					< 8.62	U
All Puyallup CB Locations	3					< 3.73	U	6					< 12.6	U
All Puyallup RB Locations	4					< 3.71	U	5					< 3.78	U
All Puyallup AG Locations	4					< 4.52	U	4					< 10.7	U
All Puyallup FB Locations	4					< 6.52	U	4					< 9.14	U
All Puyallup Locations	15					< 4.43	U	19					< 9.45	U
All Monitoring Locations Combined														
All CB Locations	6					< 4.22	U	11	1.36	3.50	6.16	7.46	9.18	E
All RB Locations	8					< 6.70	U	11					< 8.25	U
All AG Locations	8					< 5.17	U	10					< 9.34	U
All FB Locations	8					< 17.5	U	10					< 16.3	U
All Locations	30					< 10.4	U	42	1.22	3.14	6.08	6.16	8.22	E

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-161. Absolute and unit area toxic chemical loading estimates for PBDE-017 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 8.01	U	4	1.96	2.95	8.68	15.4	17.4	E
CBX	1					< 2.39	U	4					< 19.9	U
RB111	2					< 4.49	U	4					< 9.92	U
RB202	2					< 17.1	U	4					< 16.0	U
AG174	2					< 8.41	U	4					< 6.99	U
AGG	2					< 2.23	U	4					< 8.97	U
FB200	2					< 11.1	U	4					< 11.0	U
FB203	2					< 20.9	U	4					< 18.9	U
All Snohomish CB Locations	3					< 5.19	U	8	1.94	2.92	7.39	11.7	17.3	E
All Snohomish RB Locations	4					< 9.58	U	8					< 12.3	U
All Snohomish AG Locations	4					< 5.61	U	8					< 7.94	U
All Snohomish FB Locations	4					< 20.2	U	8					< 18.7	U
All Snohomish Locations	15					< 15.1	U	32	1.53	2.30	5.77	7.65	13.6	E
Puyallup Watershed														
CBA	2					< 5.41	U	4	5.43	6.11	6.78	8.06	9.34	E
CBB	1					< 1.14	U	4					< 7.92	U
RB53	2					< 3.11	U	4					< 3.07	U
RB209	2					< 3.92	U	4					< 4.17	U
AG143	2					< 3.18	U	4	4.11	4.11	4.18	5.51	6.78	E
AG62	2					< 5.16	U	4					< 12.9	U
FB130	2					< 17.8	U	4					< 12.3	U
FB372	2					< 4.62	U	4					< 9.30	U
All Puyallup CB Locations	3					< 3.73	U	8	2.88	4.81	5.62	5.68	7.74	E
All Puyallup RB Locations	4					< 3.71	U	8					< 3.78	U
All Puyallup AG Locations	4					< 4.52	U	8	2.77	5.36	5.36	5.62	8.84	E
All Puyallup FB Locations	4					< 6.52	U	8					< 9.86	U
All Puyallup Locations	15					< 4.43	U	32	2.15	4.01	4.21	4.29	6.93	E
All Monitoring Locations Combined														
All CB Locations	6					< 4.22	U	16	1.36	3.50	6.79	6.98	12.1	E
All RB Locations	8					< 6.70	U	16					< 8.25	U
All AG Locations	8					< 5.17	U	16	0.912	2.43	4.56	4.65	7.52	E
All FB Locations	8					< 17.5	U	16					< 17.4	U
All Locations	30					< 10.4	U	64	1.22	3.15	6.08	6.18	10.8	E

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-162. Absolute and unit area toxic chemical loading estimates for PBDE-028 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 8.01	U	4	4.28	4.68	9.25	21.3	29.2	E
CBX	1					< 2.39	U	4	5.08	6.21	7.44	8.58	9.62	E
RB111	2					< 4.49	U	4					< 9.92	U
RB202	2					< 17.1	U	4					< 16.0	U
AG174	2					< 8.41	U	4					< 6.99	U
AGG	2					< 2.23	U	4	1.22	1.53	2.53	3.80	4.38	E
FB200	2					< 11.1	U	4					< 11.0	U
FB203	2					< 20.9	U	4					< 18.9	U
All Snohomish CB Locations	3					< 5.19	U	8	4.24	5.08	7.52	11.5	28.9	E
All Snohomish RB Locations	4					< 9.58	U	8					< 12.3	U
All Snohomish AG Locations	4					< 5.61	U	8	1.08	1.61	2.49	3.88	3.92	E
All Snohomish FB Locations	4					< 20.2	U	8					< 18.7	U
All Snomomish Locations	15					< 15.1	U	32	2.13	3.99	5.74	7.65	22.8	E
Puyallup Watershed														
CBA	2					< 5.41	U	4	6.78	6.78	8.36	16.0	22.0	E
CBB	1					< 1.14	U	4	2.16	2.84	3.70	3.92	3.96	E
RB53	2					< 3.11	U	4					< 3.07	U
RB209	2					< 3.92	U	4					< 4.17	U
AG143	2					< 3.18	U	4	4.11	4.11	4.18	6.12	7.99	E
AG62	2					< 5.16	U	4					< 12.9	U
FB130	2					< 17.8	U	4					< 12.3	U
FB372	2					< 4.62	U	4	2.12	3.17	4.27	4.48	4.65	E
All Puyallup CB Locations	3					< 3.73	U	8	3.13	5.37	5.62	6.99	18.3	E
All Puyallup RB Locations	4					< 3.71	U	8					< 3.78	U
All Puyallup AG Locations	4					< 4.52	U	8	2.77	5.36	5.36	5.62	10.4	E
All Puyallup FB Locations	4					< 6.52	U	8	2.25	3.40	4.48	4.53	4.93	E
All Puyallup Locations	15					< 4.43	U	32	2.11	4.21	4.21	4.31	13.7	E
All Monitoring Locations Combined														
All CB Locations	6					< 4.22	U	16	2.96	4.47	6.79	8.10	22.0	E
All RB Locations	8					< 6.70	U	16					< 8.25	U
All AG Locations	8					< 5.17	U	16	1.27	2.43	4.56	4.59	8.87	E
All FB Locations	8					< 17.5	U	16	2.28	4.14	7.90	7.90	8.69	E
All Locations	30					< 10.4	U	64	1.70	3.32	6.08	6.16	19.8	E

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-163. Absolute and unit area toxic chemical loading estimates for PBDE-030 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)													
Baseflow							Storm Event						
n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed													
CB335	2				< 8.01	U	4					< 26.9	U
CBX	1				< 2.39	U	4					< 19.9	U
RB111	2				< 4.49	U	4					< 9.92	U
RB202	2				< 17.1	U	4					< 16.0	U
AG174	2				< 8.41	U	4	1.89	2.08	2.86	3.47	3.49	E
AGG	2				< 2.23	U	4	2.01	2.06	3.25	4.43	4.48	E
FB200	2				< 11.1	U	4					< 11.0	U
FB203	2				< 20.9	U	4					< 18.9	U
All Snohomish CB Locations	3				< 5.19	U	8					< 26.6	U
All Snohomish RB Locations	4				< 9.58	U	8					< 12.3	U
All Snohomish AG Locations	4				< 5.61	U	8	1.78	2.00	3.21	3.90	3.97	E
All Snohomish FB Locations	4				< 20.2	U	8					< 18.7	U
All Snomomish Locations	15				< 15.1	U	32	1.53	3.83	6.16	7.65	10.5	E
Puyallup Watershed													
CBA	2				< 5.41	U	4					< 15.3	U
CBB	1				< 1.14	U	4					< 7.92	U
RB53	2				< 3.11	U	4					< 3.07	U
RB209	2				< 3.92	U	4					< 4.17	U
AG143	2				< 3.18	U	4					< 8.49	U
AG62	2				< 5.16	U	4					< 12.9	U
FB130	2				< 17.8	U	4					< 12.3	U
FB372	2				< 4.62	U	4					< 9.30	U
All Puyallup CB Locations	3				< 3.73	U	8					< 12.6	U
All Puyallup RB Locations	4				< 3.71	U	8					< 3.78	U
All Puyallup AG Locations	4				< 4.52	U	8					< 11.4	U
All Puyallup FB Locations	4				< 6.52	U	8					< 9.86	U
All Puyallup Locations	15				< 4.43	U	32					< 9.45	U
All Monitoring Locations Combined													
All CB Locations	6				< 4.22	U	16					< 18.6	U
All RB Locations	8				< 6.70	U	16					< 8.25	U
All AG Locations	8				< 5.17	U	16	2.09	2.45	4.56	4.59	4.85	E
All FB Locations	8				< 17.5	U	16					< 17.4	U
All Locations	30				< 10.4	U	64	1.22	3.15	6.08	6.16	8.32	E

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-164. Absolute and unit area toxic chemical loading estimates for PBDE-047 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 17.9	U	4	36.4	41.8	183	548	778	E
CBX	1					< 4.78	U	4	39.7	88.5	158	203	227	E
RB111	2					< 39.1	U	4					< 51.6	U
RB202	2					< 34.1	U	4					< 83.4	U
AG174	2					< 16.8	U	4					< 23.4	U
AGG	2					< 8.63	U	4					< 31.3	U
FB200	2	11.0		142		274	E	4					< 39.9	U
FB203	2					< 72.0	U	4					< 48.6	U
All Snohomish CB Locations	3					< 11.6	U	8	36.1	43.4	160	272	770	E
All Snohomish RB Locations	4					< 83.4	U	8					< 64.0	U
All Snohomish AG Locations	4					< 21.0	U	8					< 27.7	U
All Snohomish FB Locations	4	20.0	20.1	27.3	267	500	E	8					< 68.0	U
All Snohomish Locations	15	13.3	13.4	14.3	21.0	333	E	32	14.6	19.9	25.1	34.1	606	E
Puyallup Watershed														
CBA	2					< 29.4	U	4	25.3	38.0	206	517	673	E
CBB	1					< 2.27	U	4	14.3	19.8	37.9	85.8	121	E
RB53	2					< 11.6	U	4					< 10.8	U
RB209	2					< 11.5	U	4					< 16.8	U
AG143	2					< 14.6	U	4	14.3	21.5	64.5	218	336	E
AG62	2					< 10.3	U	4					< 70.4	U
FB130	2					< 35.7	U	4					< 33.5	U
FB372	2					< 9.76	U	4	8.45	8.54	10.9	189	365	E
All Puyallup CB Locations	3					< 20.3	U	8	20.8	28.8	57.7	237	558	E
All Puyallup RB Locations	4					< 13.8	U	8					< 14.9	U
All Puyallup AG Locations	4					< 20.7	U	8	10.7	14.6	24.9	84.1	438	E
All Puyallup FB Locations	4					< 13.2	U	8	8.96	8.96	9.34	13.1	387	E
All Puyallup Locations	15					< 24.1	U	32	7.44	8.58	14.3	30.4	417	E
All Monitoring Locations Combined														
All CB Locations	6					< 22.9	U	16	25.1	30.3	92.7	216	673	E
All RB Locations	8					< 58.3	U	16					< 41.0	U
All AG Locations	8					< 23.0	U	16	9.12	12.4	15.3	21.4	372	E
All FB Locations	8	15.9	16.6	17.2	23.1	414	E	16	15.0	16.0	18.9	22.5	683	E
All Locations	30	8.79	9.22	9.51	15.0	228	E	64	10.8	15.4	20.3	33.7	603	E

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-165. Absolute and unit area toxic chemical loading estimates for PBDE-049 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 16.0	U	4	5.89	8.02	18.5	62.2	97.4	E
CBX	1					< 4.78	U	4	11.4	14.8	18.7	19.6	19.9	E
RB111	2					< 8.99	U	4					< 19.8	U
RB202	2					< 34.1	U	4					< 31.9	U
AG174	2					< 16.8	U	4					< 13.9	U
AGG	2					< 4.47	U	4					< 18.0	U
FB200	2	11.0		11.3		11.6	E	4					< 21.9	U
FB203	2					< 41.9	U	4					< 37.7	U
All Snohomish CB Locations	3					< 10.4	U	8	5.83	10.7	18.9	23.4	96.4	E
All Snohomish RB Locations	4					< 19.2	U	8					< 24.5	U
All Snohomish AG Locations	4					< 11.2	U	8					< 15.9	U
All Snohomish FB Locations	4	19.4	19.7	20.1	20.7	21.3	E	8					< 37.2	U
All Snohomish Locations	15	12.9	13.3	13.6	14.1	15.1	E	32	4.59	8.02	14.5	15.3	75.9	E
Puyallup Watershed														
CBA	2	2.92		4.17		5.41	E	4	13.6	13.6	20.4	38.9	50.7	E
CBB	1					< 2.27	U	4	5.28	6.01	7.25	7.84	7.92	E
RB53	2					< 6.21	U	4					< 6.13	U
RB209	2					< 7.84	U	4					< 8.35	U
AG143	2					< 6.36	U	4	8.22	8.22	8.35	15.0	21.5	E
AG62	2					< 10.3	U	4					< 25.8	U
FB130	2					< 35.7	U	4					< 24.6	U
FB372	2					< 9.24	U	4	8.45	8.54	8.95	9.86	10.4	E
All Puyallup CB Locations	3	2.01	2.40	3.54	3.68	3.73	E	8	7.65	10.5	11.2	17.0	42.1	E
All Puyallup RB Locations	4					< 7.42	U	8					< 7.55	U
All Puyallup AG Locations	4					< 9.03	U	8	5.54	10.7	10.7	11.2	28.0	E
All Puyallup FB Locations	4					< 13.1	U	8	4.62	8.96	8.96	9.49	11.1	E
All Puyallup Locations	15	2.39	4.12	4.21	4.27	4.43	E	32	4.29	8.41	8.41	8.71	31.5	E
All Monitoring Locations Combined														
All CB Locations	6	2.28	3.93	4.01	4.01	4.22	E	16	4.07	10.5	13.6	16.3	67.3	E
All RB Locations	8					< 13.4	U	16					< 16.5	U
All AG Locations	8					< 10.3	U	16	4.07	5.10	9.12	9.29	23.8	E
All FB Locations	8	15.9	16.1	16.6	17.2	17.6	E	16	4.90	8.50	15.8	16.0	19.5	E
All Locations	30	5.29	9.13	9.31	9.50	10.4	E	64	3.65	6.72	12.2	12.4	60.3	E

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-166. Absolute and unit area toxic chemical loading estimates for PBDE-066 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 16.0	U	4	4.87	7.51	18.5	37.2	47.4	E
CBX	1					< 4.78	U	4					< 39.9	U
RB111	2					< 8.99	U	4					< 19.8	U
RB202	2					< 34.1	U	4					< 31.9	U
AG174	2					< 16.8	U	4					< 13.9	U
AGG	2					< 4.47	U	4					< 18.0	U
FB200	2	11.0		14.3		17.5	E	4					< 21.9	U
FB203	2					< 41.9	U	4					< 37.7	U
All Snohomish CB Locations	3					< 10.4	U	8	4.82	9.64	14.8	23.4	46.9	E
All Snohomish RB Locations	4					< 19.2	U	8					< 24.5	U
All Snohomish AG Locations	4					< 11.2	U	8					< 15.9	U
All Snohomish FB Locations	4	19.4	19.7	20.1	26.1	32.1	E	8					< 37.2	U
All Snohomish Locations	15	12.9	13.3	13.6	14.2	21.3	E	32	3.79	7.93	12.0	15.3	36.9	E
Puyallup Watershed														
CBA	2					< 10.8	U	4	13.6	13.6	15.4	25.4	33.5	E
CBB	1					< 2.27	U	4	4.56	5.46	7.06	7.84	7.92	E
RB53	2					< 6.21	U	4					< 6.13	U
RB209	2					< 7.84	U	4					< 8.35	U
AG143	2					< 6.36	U	4	8.22	8.22	8.35	10.9	13.4	E
AG62	2					< 10.3	U	4					< 25.8	U
FB130	2					< 35.7	U	4					< 24.6	U
FB372	2					< 9.24	U	4					< 18.6	U
All Puyallup CB Locations	3					< 7.46	U	8	6.61	10.2	11.2	12.9	27.8	E
All Puyallup RB Locations	4					< 7.42	U	8					< 7.55	U
All Puyallup AG Locations	4					< 9.03	U	8	5.54	10.7	10.7	11.2	17.5	E
All Puyallup FB Locations	4					< 13.1	U	8					< 19.7	U
All Puyallup Locations	15					< 8.85	U	32	4.29	8.41	8.41	8.62	20.8	E
All Monitoring Locations Combined														
All CB Locations	6					< 8.44	U	16	3.37	7.52	13.6	15.7	33.5	E
All RB Locations	8					< 13.4	U	16					< 16.5	U
All AG Locations	8					< 10.3	U	16	4.43	5.34	9.12	9.29	14.9	E
All FB Locations	8	15.9	16.1	16.6	17.2	26.5	E	16					< 34.7	U
All Locations	30	8.79	9.13	9.31	9.50	14.6	E	64	3.02	6.64	12.2	12.4	30.0	E

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-167. Absolute and unit area toxic chemical loading estimates for PBDE-071 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 16.0	U	4	4.28	7.21	12.1	20.4	26.9	E
CBX	1					< 4.78	U	4					< 39.9	U
RB111	2					< 8.99	U	4					< 19.8	U
RB202	2					< 34.1	U	4					< 31.9	U
AG174	2					< 16.8	U	4					< 13.9	U
AGG	2					< 4.47	U	4					< 18.0	U
FB200	2					< 22.1	U	4					< 21.9	U
FB203	2					< 41.9	U	4					< 37.7	U
All Snohomish CB Locations	3					< 10.4	U	8	3.89	7.13	12.0	19.8	26.6	E
All Snohomish RB Locations	4					< 19.2	U	8					< 24.5	U
All Snohomish AG Locations	4					< 11.2	U	8					< 15.9	U
All Snohomish FB Locations	4					< 40.4	U	8					< 37.2	U
All Snohomish Locations	15					< 30.2	U	32	3.06	7.66	9.70	15.3	21.0	E
Puyallup Watershed														
CBA	2					< 10.8	U	4	8.03	10.8	13.6	14.4	15.3	E
CBB	1					< 2.27	U	4					< 15.8	U
RB53	2					< 6.21	U	4					< 6.13	U
RB209	2					< 7.84	U	4					< 8.35	U
AG143	2					< 6.36	U	4					< 16.9	U
AG62	2					< 10.3	U	4					< 25.8	U
FB130	2					< 35.7	U	4					< 24.6	U
FB372	2					< 9.24	U	4					< 18.6	U
All Puyallup CB Locations	3					< 7.46	U	8	5.74	8.45	11.2	11.4	12.6	E
All Puyallup RB Locations	4					< 7.42	U	8					< 7.55	U
All Puyallup AG Locations	4					< 9.03	U	8					< 22.8	U
All Puyallup FB Locations	4					< 13.1	U	8					< 19.7	U
All Puyallup Locations	15					< 8.85	U	32	4.29	6.31	8.41	8.58	9.45	E
All Monitoring Locations Combined														
All CB Locations	6					< 8.44	U	16	2.71	7.03	13.0	13.7	18.6	E
All RB Locations	8					< 13.4	U	16					< 16.5	U
All AG Locations	8					< 10.3	U	16					< 19.4	U
All FB Locations	8					< 35.2	U	16					< 34.7	U
All Locations	30					< 20.7	U	64	2.43	6.33	12.2	12.2	16.7	E

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-168. Absolute and unit area toxic chemical loading estimates for PBDE-077 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 16.0	U	4					< 53.8	U
CBX	1					< 4.78	U	4					< 39.9	U
RB111	2					< 8.99	U	4					< 19.8	U
RB202	2					< 34.1	U	4					< 31.9	U
AG174	2					< 16.8	U	4					< 13.9	U
AGG	2					< 4.47	U	4					< 18.0	U
FB200	2					< 22.1	U	4					< 21.9	U
FB203	2					< 41.9	U	4					< 37.7	U
All Snohomish CB Locations	3					< 10.4	U	8					< 53.3	U
All Snohomish RB Locations	4					< 19.2	U	8					< 24.5	U
All Snohomish AG Locations	4					< 11.2	U	8					< 15.9	U
All Snohomish FB Locations	4					< 40.4	U	8					< 37.2	U
All Snohomish Locations	15					< 30.2	U	32					< 41.9	U
Puyallup Watershed														
CBA	2					< 10.8	U	4					< 30.5	U
CBB	1					< 2.27	U	4					< 15.8	U
RB53	2					< 6.21	U	4					< 6.13	U
RB209	2					< 7.84	U	4					< 8.35	U
AG143	2					< 6.36	U	4					< 16.9	U
AG62	2					< 10.3	U	3					< 25.8	U
FB130	2					< 35.7	U	4					< 24.6	U
FB372	2					< 9.24	U	4					< 18.6	U
All Puyallup CB Locations	3					< 7.46	U	8					< 25.3	U
All Puyallup RB Locations	4					< 7.42	U	8					< 7.55	U
All Puyallup AG Locations	4					< 9.03	U	7					< 22.8	U
All Puyallup FB Locations	4					< 13.1	U	8					< 19.7	U
All Puyallup Locations	15					< 8.85	U	31					< 18.9	U
All Monitoring Locations Combined														
All CB Locations	6					< 8.44	U	16					< 37.2	U
All RB Locations	8					< 13.4	U	16					< 16.5	U
All AG Locations	8					< 10.3	U	15					< 19.4	U
All FB Locations	8					< 35.2	U	16					< 34.7	U
All Locations	30					< 20.7	U	63					< 33.3	U

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-169. Absolute and unit area toxic chemical loading estimates for PBDE-085 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 16.0	U	4	7.43	8.78	21.2	44.1	56.0	E
CBX	1					< 4.78	U	4	11.5	11.8	15.7	19.6	19.9	E
RB111	2	2.55		3.26		3.96	E	4					< 19.8	U
RB202	2					< 34.1	U	4					< 31.9	U
AG174	2					< 16.8	U	4					< 13.9	U
AGG	2					< 4.47	U	4					< 18.0	U
FB200	2	11.0		14.5		17.9	E	4					< 21.9	U
FB203	2					< 41.9	U	4					< 37.7	U
All Snohomish CB Locations	3					< 10.4	U	8	7.35	10.8	15.9	26.0	55.4	E
All Snohomish RB Locations	4	5.44	6.94	8.53	8.84	9.06	E	8					< 24.5	U
All Snohomish AG Locations	4					< 11.2	U	8					< 15.9	U
All Snohomish FB Locations	4	19.4	19.7	20.1	26.4	32.7	E	8					< 37.2	U
All Snohomish Locations	15	8.58	13.3	13.4	13.8	21.8	E	32	3.95	7.66	12.1	15.3	43.6	E
Puyallup Watershed														
CBA	2	3.23		4.32		5.41	E	4	13.6	13.6	17.5	22.7	23.9	E
CBB	1					< 2.27	U	4	6.71	7.11	7.64	7.84	7.92	E
RB53	2					< 6.21	U	4					< 6.13	U
RB209	2					< 7.84	U	4					< 8.35	U
AG143	2	1.92		2.50		3.09	E	4	8.22	8.22	8.35	19.3	30.1	E
AG62	2					< 10.3	U	4					< 25.8	U
FB130	2					< 35.7	U	4					< 24.6	U
FB372	2					< 9.24	U	4	8.45	8.54	8.95	20.4	31.5	E
All Puyallup CB Locations	3	2.23	2.55	3.54	3.68	3.73	E	8	9.72	11.1	11.2	14.6	19.8	E
All Puyallup RB Locations	4					< 7.42	U	8					< 7.55	U
All Puyallup AG Locations	4	2.73	3.53	4.36	4.41	4.43	E	8	5.54	10.7	10.7	11.2	39.3	E
All Puyallup FB Locations	4					< 13.1	U	8	4.62	8.96	8.96	9.49	33.4	E
All Puyallup Locations	15	2.59	4.07	4.17	4.21	4.43	E	32	4.29	8.41	8.41	8.71	31.4	E
All Monitoring Locations Combined														
All CB Locations	6	2.52	3.93	4.01	4.01	4.22	E	16	5.13	10.2	13.6	17.7	38.7	E
All RB Locations	8	3.81	5.90	5.99	6.18	6.33	E	16					< 16.5	U
All AG Locations	8	3.03	4.82	4.87	4.97	5.17	E	16	2.35	4.86	9.12	9.29	33.4	E
All FB Locations	8	15.9	16.1	16.6	17.2	27.1	E	16	4.65	8.50	15.8	16.0	59.0	E
All Locations	30	5.74	9.13	9.22	9.31	14.9	E	64	3.14	6.69	12.2	12.4	45.4	E

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-170. Absolute and unit area toxic chemical loading estimates for PBDE-099 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 16.0	U	4	19.6	32.0	284	690	857	E
CBX	1					< 4.78	U	4	76.2	111	184	260	296	E
RB111	2	3.96		38.3		72.6	E	4	8.91	9.42	13.3	22.6	28.5	E
RB202	2					< 34.1	U	4	22.7	30.0	37.7	41.5	44.9	E
AG174	2					< 16.8	U	4					< 18.0	U
AGG	2					< 7.48	U	4					< 30.0	U
FB200	2	11.0		204		397	E	4	10.4	10.6	11.1	44.3	77.2	E
FB203	2					< 97.4	U	4					< 37.7	U
All Snohomish CB Locations	3					< 10.4	U	8	19.4	60.5	186	409	848	E
All Snohomish RB Locations	4	8.44	8.53	8.84	81.9	155	E	8	10.9	14.8	24.5	31.9	34.8	E
All Snohomish AG Locations	4					< 18.2	U	8					< 26.6	U
All Snohomish FB Locations	4	20.0	20.1	33.3	386	725	E	8	12.4	17.4	18.1	19.0	132	E
All Snohomish Locations	15	13.3	13.3	13.6	21.0	483	E	32	10.5	15.4	20.9	43.7	667	E
Puyallup Watershed														
CBA	2					< 43.0	U	4	27.1	43.8	270	729	977	E
CBB	1					< 2.27	U	4	13.6	21.8	72.3	165	216	E
RB53	2					< 8.44	U	4					< 8.03	U
RB209	2					< 11.3	U	4					< 14.6	U
AG143	2					< 15.5	U	4	15.4	27.4	75.7	385	658	E
AG62	2					< 10.3	U	4					< 58.8	U
FB130	2					< 35.7	U	4					< 32.8	U
FB372	2					< 9.24	U	4	8.45	8.54	9.04	431	852	E
All Puyallup CB Locations	3					< 29.6	U	8	19.8	33.0	108	355	810	E
All Puyallup RB Locations	4					< 10.2	U	8					< 13.0	U
All Puyallup AG Locations	4					< 22.0	U	8	10.7	12.2	23.0	98.7	858	E
All Puyallup FB Locations	4					< 13.1	U	8	4.62	8.96	9.05	11.0	903	E
All Puyallup Locations	15					< 35.2	U	32	4.34	8.41	11.5	38.9	848	E
All Monitoring Locations Combined														
All CB Locations	6					< 33.5	U	16	13.5	41.5	130	369	977	E
All RB Locations	8	5.90	5.99	6.18	8.65	108	E	16	4.47	7.76	10.2	16.2	22.3	E
All AG Locations	8					< 24.4	U	16	9.12	9.31	11.8	19.6	730	E
All FB Locations	8	15.9	16.4	16.8	28.0	600	E	16	8.15	15.6	15.8	17.3	1590	E
All Locations	30	8.79	9.22	9.31	13.3	331	E	64	6.28	12.2	16.6	47.6	1230	E

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-171. Absolute and unit area toxic chemical loading estimates for PBDE-100 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2	3.65		4.02		4.39		4	10.1	12.2	75.5	169	202	E
CBX	1			1.68				4	17.6	34.2	57.7	75.4	86.2	
RB111	2	3.96		9.18		14.4	E	4	5.18	5.35	6.85	9.05	9.92	E
RB202	2					< 34.1	U	4	9.23	9.39	9.67	12.8	15.8	E
AG174	2					< 16.8	U	4					< 13.9	U
AGG	2	1.05		1.45		1.85		4	3.78	3.86	4.10	6.51	8.76	E
FB200	2	11.0		44.6		78.1	E	4					< 21.9	U
FB203	2	17.0		19.0		20.9	E	4					< 37.7	U
All Snohomish CB Locations	3	2.36	2.48	2.84	3.39	3.57		8	10.0	16.0	58.3	111	200	
All Snohomish RB Locations	4	8.44	8.53	8.84	19.9	30.7	E	8	6.33	6.91	7.42	11.1	12.1	E
All Snohomish AG Locations	4	2.56	3.53	4.89	5.44	5.61	E	8	3.35	3.63	4.31	7.76	7.83	E
All Snohomish FB Locations	4	16.2	18.1	20.1	81.5	143	E	8					< 37.2	U
All Snohomish Locations	15	6.19	9.71	13.3	14.1	95.0		32	5.17	8.23	11.9	15.3	157	E
Puyallup Watershed														
CBA	2	4.06		6.16		8.26		4	9.17	17.7	76.1	169	213	
CBB	1					< 2.27	U	4	7.76	9.81	20.4	36.2	43.5	
RB53	2	1.91		2.42		2.92	E	4					< 6.13	U
RB209	2	2.04		2.98		3.92	E	4	2.07	2.17	3.14	4.09	4.18	E
AG143	2	1.27		1.71		2.16		4	8.22	8.35	15.4	83.4	144	E
AG62	2					< 10.3	U	4	5.44	5.85	9.20	12.5	12.9	E
FB130	2					< 35.7	U	4					< 24.6	U
FB372	2					< 9.24	U	4	3.89	6.17	8.87	75.1	141	E
All Puyallup CB Locations	3	2.79	2.98	3.54	5.15	5.69		8	7.60	14.2	31.8	83.7	176	
All Puyallup RB Locations	4	1.83	2.06	2.89	3.51	3.53	E	8	1.81	1.92	3.55	3.66	3.78	E
All Puyallup AG Locations	4	1.81	2.43	3.70	4.38	4.43	E	8	4.81	8.13	10.9	20.3	188	E
All Puyallup FB Locations	4					< 13.1	U	8	4.12	6.79	8.96	9.40	149	E
All Puyallup Locations	15	1.72	3.01	4.12	4.21	6.75	E	32	3.77	7.05	8.41	14.6	148	E
All Monitoring Locations Combined														
All CB Locations	6	1.83	2.20	2.96	4.01	6.43		16	7.00	13.0	40.7	85.2	213	
All RB Locations	8	3.13	4.90	5.99	6.18	21.5	E	16	3.96	4.36	5.60	7.76	8.25	E
All AG Locations	8	2.01	2.88	4.48	4.89	5.17	E	16	3.94	4.57	9.12	9.31	160	E
All FB Locations	8	13.4	16.1	16.6	17.2	118	E	16	5.34	8.28	15.8	15.8	264	E
All Locations	30	3.80	6.44	9.13	9.31	65.2	E	64	4.11	6.72	12.2	12.9	214	E

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-172. Absolute and unit area toxic chemical loading estimates for PBDE-119 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 16.0	U	4					< 53.8	U
CBX	1					< 4.78	U	4					< 39.9	U
RB111	2					< 8.99	U	4					< 19.8	U
RB202	2					< 34.1	U	4					< 31.9	U
AG174	2					< 16.8	U	4					< 13.9	U
AGG	2					< 4.47	U	4					< 18.0	U
FB200	2					< 22.1	U	4					< 21.9	U
FB203	2					< 41.9	U	4					< 37.7	U
All Snohomish CB Locations	3					< 10.4	U	8					< 53.3	U
All Snohomish RB Locations	4					< 19.2	U	8					< 24.5	U
All Snohomish AG Locations	4					< 11.2	U	8					< 15.9	U
All Snohomish FB Locations	4					< 40.4	U	8					< 37.2	U
All Snohomish Locations	15					< 30.2	U	32					< 41.9	U
Puyallup Watershed														
CBA	2					< 10.8	U	4					< 30.5	U
CBB	1					< 2.27	U	4					< 15.8	U
RB53	2					< 6.21	U	4					< 6.13	U
RB209	2					< 7.84	U	4					< 8.35	U
AG143	2					< 6.36	U	4					< 16.9	U
AG62	2					< 10.3	U	4					< 25.8	U
FB130	2					< 35.7	U	4					< 24.6	U
FB372	2					< 9.24	U	4					< 18.6	U
All Puyallup CB Locations	3					< 7.46	U	8					< 25.3	U
All Puyallup RB Locations	4					< 7.42	U	8					< 7.55	U
All Puyallup AG Locations	4					< 9.03	U	8					< 22.8	U
All Puyallup FB Locations	4					< 13.1	U	8					< 19.7	U
All Puyallup Locations	15					< 8.85	U	32					< 18.9	U
All Monitoring Locations Combined														
All CB Locations	6					< 8.44	U	16					< 37.2	U
All RB Locations	8					< 13.4	U	16					< 16.5	U
All AG Locations	8					< 10.3	U	16					< 19.4	U
All FB Locations	8					< 35.2	U	16					< 34.7	U
All Locations	30					< 20.7	U	64					< 33.3	U

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-173. Absolute and unit area toxic chemical loading estimates for PBDE-126 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 16.0	U	4					< 53.8	U
CBX	1					< 4.78	U	4					< 39.9	U
RB111	2					< 8.99	U	4					< 19.8	U
RB202	2					< 34.1	U	4					< 31.9	U
AG174	2					< 16.8	U	4					< 13.9	U
AGG	2					< 4.47	U	4					< 18.0	U
FB200	2					< 22.1	U	4					< 21.9	U
FB203	2					< 41.9	U	4					< 37.7	U
All Snohomish CB Locations	3					< 10.4	U	8					< 53.3	U
All Snohomish RB Locations	4					< 19.2	U	8					< 24.5	U
All Snohomish AG Locations	4					< 11.2	U	8					< 15.9	U
All Snohomish FB Locations	4					< 40.4	U	8					< 37.2	U
All Snohomish Locations	15					< 30.2	U	32					< 41.9	U
Puyallup Watershed														
CBA	2					< 10.8	U	4					< 30.5	U
CBB	1					< 2.27	U	4					< 15.8	U
RB53	2					< 6.21	U	4					< 6.13	U
RB209	2					< 7.84	U	4					< 8.35	U
AG143	2					< 6.36	U	4					< 16.9	U
AG62	2					< 10.3	U	4					< 25.8	U
FB130	2					< 35.7	U	4					< 24.6	U
FB372	2					< 9.24	U	4					< 18.6	U
All Puyallup CB Locations	3					< 7.46	U	8					< 25.3	U
All Puyallup RB Locations	4					< 7.42	U	8					< 7.55	U
All Puyallup AG Locations	4					< 9.03	U	8					< 22.8	U
All Puyallup FB Locations	4					< 13.1	U	8					< 19.7	U
All Puyallup Locations	15					< 8.85	U	32					< 18.9	U
All Monitoring Locations Combined														
All CB Locations	6					< 8.44	U	16					< 37.2	U
All RB Locations	8					< 13.4	U	16					< 16.5	U
All AG Locations	8					< 10.3	U	16					< 19.4	U
All FB Locations	8					< 35.2	U	16					< 34.7	U
All Locations	30					< 20.7	U	64					< 33.3	U

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-174. Absolute and unit area toxic chemical loading estimates for PBDE-138 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 16.0	U	4	3.93	7.03	18.5	29.1	31.4	E
CBX	1					< 4.78	U	4					< 39.9	U
RB111	2					< 8.99	U	4					< 19.8	U
RB202	2					< 34.1	U	4					< 31.9	U
AG174	2					< 16.8	U	4					< 13.9	U
AGG	2					< 4.47	U	4					< 18.0	U
FB200	2	4.55		7.80		11.0	E	4					< 21.9	U
FB203	2					< 41.9	U	4					< 37.7	U
All Snohomish CB Locations	3					< 10.4	U	8	3.89	8.83	14.8	23.4	31.0	E
All Snohomish RB Locations	4					< 19.2	U	8					< 24.5	U
All Snohomish AG Locations	4					< 11.2	U	8					< 15.9	U
All Snohomish FB Locations	4	8.32	13.9	19.7	20.1	20.2	E	8					< 37.2	U
All Snohomish Locations	15	5.54	13.3	13.4	13.8	15.1	E	32	3.06	6.72	11.5	15.3	24.4	E
Puyallup Watershed														
CBA	2					< 10.8	U	4	7.00	10.0	13.3	13.6	13.6	E
CBB	1					< 2.27	U	4					< 15.8	U
RB53	2					< 6.21	U	4					< 6.13	U
RB209	2					< 7.84	U	4					< 8.35	U
AG143	2					< 6.36	U	4	8.22	8.22	8.35	10.2	11.9	E
AG62	2					< 10.3	U	4					< 25.8	U
FB130	2					< 35.7	U	4					< 24.6	U
FB372	2					< 9.24	U	4	8.45	8.54	8.95	11.2	13.0	E
All Puyallup CB Locations	3					< 7.46	U	8	5.74	8.02	11.0	11.2	11.5	E
All Puyallup RB Locations	4					< 7.42	U	8					< 7.55	U
All Puyallup AG Locations	4					< 9.03	U	8	5.54	10.7	10.7	11.2	15.6	E
All Puyallup FB Locations	4					< 13.1	U	8	4.62	8.96	8.96	9.49	13.8	E
All Puyallup Locations	15					< 8.85	U	32	4.29	8.24	8.41	8.58	13.0	E
All Monitoring Locations Combined														
All CB Locations	6					< 8.44	U	16	2.71	7.00	13.3	13.7	21.7	E
All RB Locations	8					< 13.4	U	16					< 16.5	U
All AG Locations	8					< 10.3	U	16	2.70	4.86	9.12	9.29	13.2	E
All FB Locations	8	6.88	16.0	16.4	16.8	17.6	E	16	4.65	8.50	15.8	16.0	24.4	E
All Locations	30	3.80	9.13	9.27	9.50	10.4	E	64	2.43	6.30	12.2	12.3	19.4	E

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-175. Absolute and unit area toxic chemical loading estimates for PBDE-139 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 16.0	U	4	3.93	7.03	11.7	19.9	26.6	E
CBX	1					< 4.78	U	4					< 39.9	U
RB111	2					< 8.99	U	4					< 19.8	U
RB202	2					< 34.1	U	4					< 31.9	U
AG174	2					< 16.8	U	4					< 13.9	U
AGG	2					< 4.47	U	4					< 18.0	U
FB200	2	10.7		10.9		11.0	E	4					< 21.9	U
FB203	2					< 41.9	U	4					< 37.7	U
All Snohomish CB Locations	3					< 10.4	U	8	3.89	7.13	11.6	19.8	26.4	E
All Snohomish RB Locations	4					< 19.2	U	8					< 24.5	U
All Snohomish AG Locations	4					< 11.2	U	8					< 15.9	U
All Snohomish FB Locations	4	19.4	19.5	19.7	20.1	20.2	E	8					< 37.2	U
All Snohomish Locations	15	12.9	13.3	13.4	13.8	15.1	E	32	3.06	5.61	9.40	15.3	20.7	E
Puyallup Watershed														
CBA	2					< 10.8	U	4	7.00	7.08	10.4	13.6	13.6	E
CBB	1					< 2.27	U	4					< 15.8	U
RB53	2					< 6.21	U	4					< 6.13	U
RB209	2					< 7.84	U	4					< 8.35	U
AG143	2					< 6.36	U	4	8.09	8.16	8.22	8.35	8.47	E
AG62	2					< 10.3	U	4					< 25.8	U
FB130	2					< 35.7	U	4					< 24.6	U
FB372	2					< 9.24	U	4	8.45	8.54	8.95	10.6	12.0	E
All Puyallup CB Locations	3					< 7.46	U	8	5.74	5.87	10.7	11.2	11.5	E
All Puyallup RB Locations	4					< 7.42	U	8					< 7.55	U
All Puyallup AG Locations	4					< 9.03	U	8	5.54	10.6	10.7	10.9	11.4	E
All Puyallup FB Locations	4					< 13.1	U	8	4.62	8.96	8.96	9.49	12.7	E
All Puyallup Locations	15					< 8.85	U	32	4.29	7.96	8.41	8.58	11.9	E
All Monitoring Locations Combined														
All CB Locations	6					< 8.44	U	16	2.71	7.00	10.7	13.6	18.4	E
All RB Locations	8					< 13.4	U	16					< 16.5	U
All AG Locations	8					< 10.3	U	16	1.82	4.86	9.12	9.17	9.71	E
All FB Locations	8	15.9	16.1	16.4	16.8	17.6	E	16	3.16	8.50	15.8	16.0	22.4	E
All Locations	30	8.79	9.13	9.27	9.50	10.4	E	64	2.43	6.30	12.2	12.2	17.3	E

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-176. Absolute and unit area toxic chemical loading estimates for PBDE-140 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 16.0	U	4	3.93	7.03	12.8	21.2	26.9	E
CBX	1					< 4.78	U	4					< 39.9	U
RB111	2					< 8.99	U	4					< 19.8	U
RB202	2					< 34.1	U	4					< 31.9	U
AG174	2					< 16.8	U	4					< 13.9	U
AGG	2					< 4.47	U	4					< 18.0	U
FB200	2	6.02		8.53		11.0	E	4					< 21.9	U
FB203	2					< 41.9	U	4					< 37.7	U
All Snohomish CB Locations	3					< 10.4	U	8	3.89	7.30	12.8	19.8	26.6	E
All Snohomish RB Locations	4					< 19.2	U	8					< 24.5	U
All Snohomish AG Locations	4					< 11.2	U	8					< 15.9	U
All Snohomish FB Locations	4	11.0	15.2	19.7	20.1	20.2	E	8					< 37.2	U
All Snohomish Locations	15	7.33	13.3	13.4	13.8	15.1	E	32	3.06	6.87	10.3	15.3	21.0	E
Puyallup Watershed														
CBA	2					< 10.8	U	4					< 30.5	U
CBB	1					< 2.27	U	4					< 15.8	U
RB53	2					< 6.21	U	4					< 6.13	U
RB209	2					< 7.84	U	4					< 8.35	U
AG143	2					< 6.36	U	4					< 16.9	U
AG62	2					< 10.3	U	4					< 25.8	U
FB130	2					< 35.7	U	4					< 24.6	U
FB372	2					< 9.24	U	4					< 18.6	U
All Puyallup CB Locations	3					< 7.46	U	8					< 25.3	U
All Puyallup RB Locations	4					< 7.42	U	8					< 7.55	U
All Puyallup AG Locations	4					< 9.03	U	8					< 22.8	U
All Puyallup FB Locations	4					< 13.1	U	8					< 19.7	U
All Puyallup Locations	15					< 8.85	U	32					< 18.9	U
All Monitoring Locations Combined														
All CB Locations	6					< 8.44	U	16	2.71	7.00	13.0	13.7	18.6	E
All RB Locations	8					< 13.4	U	16					< 16.5	U
All AG Locations	8					< 10.3	U	16					< 19.4	U
All FB Locations	8	9.11	16.0	16.4	16.8	17.6	E	16					< 34.7	U
All Locations	30	5.03	9.13	9.27	9.50	10.4	E	64	2.43	6.28	12.2	12.2	16.7	E

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-177. Absolute and unit area toxic chemical loading estimates for PBDE-153 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 16.0	U	4	7.90	9.02	43.9	93.4	109	E
CBX	1					< 4.78	U	4	9.70	15.8	26.3	37.4	44.2	
RB111	2	3.96		5.63		7.30	E	4					< 19.8	U
RB202	2					< 34.1	U	4	7.30	7.41	8.10	12.2	15.8	E
AG174	2					< 16.8	U	4					< 13.9	U
AGG	2					< 4.47	U	4					< 18.0	U
FB200	2	11.0		23.6		36.2	E	4	2.84	4.24	8.28	11.9	12.8	E
FB203	2	10.6		15.8		20.9	E	4					< 37.7	U
All Snohomish CB Locations	3					< 10.4	U	8	7.82	9.92	26.6	60.7	108	
All Snohomish RB Locations	4	8.44	8.53	8.84	12.3	15.6	E	8	5.53	5.69	6.71	12.1	12.1	E
All Snohomish AG Locations	4					< 11.2	U	8					< 15.9	U
All Snohomish FB Locations	4	10.1	15.0	20.1	43.2	66.2	E	8	4.84	8.35	13.5	18.4	21.8	E
All Snohomish Locations	15	6.73	13.3	13.6	14.2	44.0	E	32	4.10	7.36	11.5	15.6	85.1	E
Puyallup Watershed														
CBA	2	5.29		5.35		5.41	E	4	9.72	11.6	45.0	107	138	
CBB	1					< 2.27	U	4	4.28	6.10	10.5	21.0	29.0	
RB53	2					< 6.21	U	4	1.31	1.39	2.18	2.91	2.94	E
RB209	2					< 7.84	U	4					< 8.35	U
AG143	2					< 6.36	U	4	6.09	7.70	10.7	46.6	81.2	
AG62	2					< 10.3	U	4	6.26	7.50	10.4	12.1	12.1	E
FB130	2					< 35.7	U	4					< 24.6	U
FB372	2					< 9.24	U	4	8.45	8.54	8.95	59.9	111	E
All Puyallup CB Locations	3	3.54	3.57	3.64	3.71	3.73	E	8	6.21	9.65	15.2	52.7	114	
All Puyallup RB Locations	4					< 7.42	U	8	1.62	1.82	3.55	3.62	3.70	E
All Puyallup AG Locations	4					< 9.03	U	8	5.54	7.83	10.7	13.9	106	
All Puyallup FB Locations	4					< 13.1	U	8	4.62	8.96	8.96	9.49	117	E
All Puyallup Locations	15	3.97	4.13	4.21	4.32	4.43	E	32	3.84	6.14	8.41	9.38	110	E
All Monitoring Locations Combined														
All CB Locations	6	3.93	4.01	4.01	4.12	4.22	E	16	5.46	8.61	18.6	52.2	138	
All RB Locations	8	5.90	5.93	6.02	6.33	10.9	E	16	3.54	3.82	6.03	7.76	8.08	E
All AG Locations	8					< 10.3	U	16	3.39	4.86	9.12	9.29	90.1	E
All FB Locations	8	8.37	16.1	16.6	17.2	54.7	E	16	4.24	8.50	15.8	16.2	207	E
All Locations	30	4.62	9.13	9.31	9.57	30.2	E	64	3.26	6.37	12.2	12.6	159	E

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-178. Absolute and unit area toxic chemical loading estimates for PBDE-154 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 16.0	U	4	6.48	8.31	34.6	86.9	115	E
CBX	1					< 4.78	U	4	15.8	17.9	21.6	24.2	25.0	E
RB111	2	3.96		4.18		4.40	E	4	2.12	3.15	4.84	7.72	9.92	E
RB202	2					< 34.1	U	4	3.73	5.56	9.70	14.0	16.0	E
AG174	2					< 16.8	U	4					< 13.9	U
AGG	2	1.19		1.67		2.15	E	4					< 18.0	U
FB200	2	11.0		22.5		33.9	E	4	2.12	3.88	6.39	9.03	10.9	E
FB203	2	19.1		20.0		20.9	E	4					< 37.7	U
All Snohomish CB Locations	3					< 10.4	U	8	6.42	13.0	21.9	41.8	114	E
All Snohomish RB Locations	4	8.44	8.53	8.84	9.22	9.37	E	8	2.60	3.98	6.21	10.7	12.3	E
All Snohomish AG Locations	4	2.90	4.06	5.25	5.44	5.61	E	8					< 15.9	U
All Snohomish FB Locations	4	18.2	19.1	20.1	41.1	61.9	E	8	3.62	7.01	11.0	17.6	18.6	E
All Snohomish Locations	15	7.39	13.3	13.4	14.1	41.2	E	32	3.06	6.79	11.0	15.5	89.4	E
Puyallup Watershed														
CBA	2	4.38		4.90		5.41	E	4	13.4	13.5	30.7	77.9	108	
CBB	1					< 2.27	U	4	7.06	7.41	7.84	14.7	21.5	E
RB53	2					< 6.21	U	4					< 6.13	U
RB209	2					< 7.84	U	4					< 8.35	U
AG143	2					< 6.36	U	4	8.22	8.35	9.32	32.5	54.9	E
AG62	2					< 10.3	U	4					< 25.8	U
FB130	2					< 35.7	U	4					< 24.6	U
FB372	2					< 9.24	U	4	8.45	8.54	8.95	39.6	70.0	E
All Puyallup CB Locations	3	3.02	3.15	3.54	3.68	3.73	E	8	10.2	11.2	11.4	35.4	89.5	E
All Puyallup RB Locations	4					< 7.42	U	8					< 7.55	U
All Puyallup AG Locations	4					< 9.03	U	8	5.54	10.7	10.9	12.3	71.7	E
All Puyallup FB Locations	4					< 13.1	U	8	4.62	8.96	8.96	9.49	74.2	E
All Puyallup Locations	15	3.59	4.12	4.21	4.27	4.43	E	32	4.29	8.41	8.41	8.95	69.6	E
All Monitoring Locations Combined														
All CB Locations	6	3.42	3.93	4.01	4.01	4.22	E	16	4.48	12.9	14.0	39.1	108	E
All RB Locations	8	5.90	5.93	6.02	6.33	6.55	E	16	1.66	3.79	6.83	7.87	8.25	E
All AG Locations	8	2.67	4.82	4.87	4.97	5.17	E	16	2.13	4.86	9.12	9.38	60.9	E
All FB Locations	8	15.0	16.1	16.6	17.2	51.2	E	16	3.16	8.50	15.8	16.0	131	E
All Locations	30	5.07	9.13	9.27	9.50	28.3	E	64	2.43	6.54	12.2	12.5	101	E

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-179. Absolute and unit area toxic chemical loading estimates for PBDE-156-169 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 32.0	U	4					< 108	U
CBX	1					< 9.56	U	4					< 79.8	U
RB111	2					< 18.0	U	4					< 39.7	U
RB202	2					< 68.3	U	4					< 63.8	U
AG174	2					< 33.7	U	4					< 27.9	U
AGG	2					< 8.94	U	4					< 35.9	U
FB200	2					< 44.2	U	4					< 43.8	U
FB203	2					< 83.7	U	4					< 75.5	U
All Snohomish CB Locations	3					< 20.7	U	8					< 107	U
All Snohomish RB Locations	4					< 38.3	U	8					< 49.0	U
All Snohomish AG Locations	4					< 22.5	U	8					< 31.8	U
All Snohomish FB Locations	4					< 80.8	U	8					< 74.6	U
All Snohomish Locations	15					< 60.3	U	32					< 83.9	U
Puyallup Watershed														
CBA	2					< 21.7	U	4					< 61.0	U
CBB	1					< 4.54	U	4					< 31.7	U
RB53	2					< 12.4	U	4					< 12.3	U
RB209	2					< 15.7	U	4					< 16.7	U
AG143	2					< 12.7	U	4					< 33.9	U
AG62	2					< 20.7	U	4					< 51.7	U
FB130	2					< 71.4	U	4					< 49.3	U
FB372	2					< 18.5	U	4					< 37.1	U
All Puyallup CB Locations	3					< 14.9	U	8					< 50.6	U
All Puyallup RB Locations	4					< 14.9	U	8					< 15.1	U
All Puyallup AG Locations	4					< 18.1	U	8					< 45.7	U
All Puyallup FB Locations	4					< 26.1	U	8					< 39.4	U
All Puyallup Locations	15					< 17.7	U	32					< 37.8	U
All Monitoring Locations Combined														
All CB Locations	6					< 16.9	U	16					< 74.4	U
All RB Locations	8					< 26.8	U	16					< 33.0	U
All AG Locations	8					< 20.7	U	16					< 38.8	U
All FB Locations	8					< 70.3	U	16					< 69.5	U
All Locations	30					< 41.4	U	64					< 66.7	U

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-180. Absolute and unit area toxic chemical loading estimates for PBDE-171 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 32.0	U	4	7.94	14.1	32.7	49.5	53.8	E
CBX	1					< 9.56	U	4					< 79.8	U
RB111	2					< 18.0	U	4					< 39.7	U
RB202	2					< 68.3	U	4					< 63.8	U
AG174	2					< 33.7	U	4					< 27.9	U
AGG	2					< 8.94	U	4					< 35.9	U
FB200	2					< 44.2	U	4					< 43.8	U
FB203	2					< 83.7	U	4					< 75.5	U
All Snohomish CB Locations	3					< 20.7	U	8	7.86	14.4	29.6	42.5	53.3	E
All Snohomish RB Locations	4					< 38.3	U	8					< 49.0	U
All Snohomish AG Locations	4					< 22.5	U	8					< 31.8	U
All Snohomish FB Locations	4					< 80.8	U	8					< 74.6	U
All Snohomish Locations	15					< 60.3	U	32	6.18	12.5	23.1	30.6	41.9	E
Puyallup Watershed														
CBA	2					< 21.7	U	4	14.0	14.1	20.7	27.1	27.1	E
CBB	1					< 4.54	U	4					< 31.7	U
RB53	2					< 12.4	U	4					< 12.3	U
RB209	2					< 15.7	U	4					< 16.7	U
AG143	2					< 12.7	U	4	7.83	12.1	16.4	16.7	17.0	E
AG62	2					< 20.7	U	4					< 51.7	U
FB130	2					< 71.4	U	4					< 49.3	U
FB372	2					< 18.5	U	4					< 37.1	U
All Puyallup CB Locations	3					< 14.9	U	8	11.5	11.7	21.5	22.5	22.9	E
All Puyallup RB Locations	4					< 14.9	U	8					< 15.1	U
All Puyallup AG Locations	4					< 18.1	U	8	10.2	16.3	21.5	21.8	22.8	E
All Puyallup FB Locations	4					< 26.1	U	8					< 39.4	U
All Puyallup Locations	15					< 17.7	U	32	8.01	8.72	16.8	17.2	18.5	E
All Monitoring Locations Combined														
All CB Locations	6					< 16.9	U	16	5.48	14.0	25.9	27.4	37.2	E
All RB Locations	8					< 26.8	U	16					< 33.0	U
All AG Locations	8					< 20.7	U	16	5.09	9.12	18.2	18.3	19.4	E
All FB Locations	8					< 70.3	U	16					< 69.5	U
All Locations	30					< 41.4	U	64	4.91	12.5	24.3	24.5	33.3	E

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-181. Absolute and unit area toxic chemical loading estimates for PBDE-180 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 32.0	U	4	20.2	25.2	42.0	55.1	56.3	E
CBX	1					< 9.56	U	4					< 79.8	U
RB111	2					< 18.0	U	4	9.13	10.1	15.4	19.8	19.8	E
RB202	2					< 68.3	U	4					< 63.8	U
AG174	2					< 33.7	U	4	7.58	8.50	11.6	13.9	13.9	E
AGG	2					< 8.94	U	4	7.78	8.14	13.0	17.7	18.0	E
FB200	2					< 44.2	U	4	11.3	12.0	16.9	21.6	21.9	E
FB203	2					< 83.7	U	4	15.2	17.8	28.2	36.8	37.7	E
All Snohomish CB Locations	3					< 20.7	U	8	7.78	20.1	34.4	46.8	55.8	E
All Snohomish RB Locations	4					< 38.3	U	8	5.48	12.2	18.9	24.3	24.5	E
All Snohomish AG Locations	4					< 22.5	U	8	6.89	8.02	13.0	15.6	15.9	E
All Snohomish FB Locations	4					< 80.8	U	8	14.5	19.4	28.0	36.2	37.3	E
All Snomomish Locations	15					< 60.3	U	32	6.12	16.1	26.3	30.6	43.9	E
Puyallup Watershed														
CBA	2					< 21.7	U	4					< 61.0	U
CBB	1					< 4.54	U	4					< 31.7	U
RB53	2					< 12.4	U	4					< 12.3	U
RB209	2					< 15.7	U	4					< 16.7	U
AG143	2					< 12.7	U	4					< 33.9	U
AG62	2					< 20.7	U	4					< 51.7	U
FB130	2					< 71.4	U	4					< 49.3	U
FB372	2					< 18.5	U	4					< 37.1	U
All Puyallup CB Locations	3					< 14.9	U	8					< 50.6	U
All Puyallup RB Locations	4					< 14.9	U	8					< 15.1	U
All Puyallup AG Locations	4					< 18.1	U	8					< 45.7	U
All Puyallup FB Locations	4					< 26.1	U	8					< 39.4	U
All Puyallup Locations	15					< 17.7	U	32					< 37.8	U
All Monitoring Locations Combined														
All CB Locations	6					< 16.9	U	16	5.43	14.1	27.1	27.9	38.9	E
All RB Locations	8					< 26.8	U	16	3.51	8.25	15.5	15.7	16.5	E
All AG Locations	8					< 20.7	U	16	8.10	9.81	18.2	18.3	19.4	E
All FB Locations	8					< 70.3	U	16	12.7	17.0	31.6	31.6	34.7	E
All Locations	30					< 41.4	U	64	4.87	12.9	24.3	24.6	34.9	E

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-182. Absolute and unit area toxic chemical loading estimates for PBDE-183 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 32.0	U	4	12.3	16.3	39.9	151	242	E
CBX	1					< 9.56	U	4	15.2	15.8	27.4	39.2	39.9	E
RB111	2					< 18.0	U	4					< 39.7	U
RB202	2					< 68.3	U	4	16.4	16.9	24.5	31.8	31.9	E
AG174	2					< 33.7	U	4					< 27.9	U
AGG	2					< 8.94	U	4					< 35.9	U
FB200	2					< 44.2	U	4					< 43.8	U
FB203	2					< 83.7	U	4					< 75.5	U
All Snohomish CB Locations	3					< 20.7	U	8	12.2	15.9	29.5	49.6	240	E
All Snohomish RB Locations	4					< 38.3	U	8	6.23	13.0	18.9	24.3	24.5	E
All Snohomish AG Locations	4					< 22.5	U	8					< 31.8	U
All Snohomish FB Locations	4					< 80.8	U	8					< 74.6	U
All Snomomish Locations	15					< 60.3	U	32	7.87	13.9	23.1	30.6	189	E
Puyallup Watershed														
CBA	2	8.79		9.82		10.8	E	4	27.1	27.1	59.7	110	128	E
CBB	1					< 4.54	U	4	7.45	7.68	11.7	15.7	15.8	E
RB53	2					< 12.4	U	4					< 12.3	U
RB209	2					< 15.7	U	4					< 16.7	U
AG143	2					< 12.7	U	4	16.4	16.4	16.7	45.2	73.4	E
AG62	2					< 20.7	U	4					< 51.7	U
FB130	2					< 71.4	U	4					< 49.3	U
FB372	2					< 18.5	U	4					< 37.1	U
All Puyallup CB Locations	3	6.05	6.31	7.09	7.37	7.46	E	8	10.8	17.0	22.5	49.7	106	E
All Puyallup RB Locations	4					< 14.9	U	8					< 15.1	U
All Puyallup AG Locations	4					< 18.1	U	8	11.1	21.5	21.5	22.5	95.7	E
All Puyallup FB Locations	4					< 26.1	U	8					< 39.4	U
All Puyallup Locations	15	7.19	8.25	8.42	8.54	8.86	E	32	8.07	16.8	16.8	17.3	79.4	E
All Monitoring Locations Combined														
All CB Locations	6	6.85	7.86	8.02	8.02	8.45	E	16	8.52	13.4	27.1	34.6	167	E
All RB Locations	8					< 26.8	U	16	3.99	8.29	15.5	15.7	16.5	E
All AG Locations	8					< 20.7	U	16	4.96	9.71	18.2	18.6	81.4	E
All FB Locations	8					< 70.3	U	16					< 69.5	U
All Locations	30	15.9	18.3	18.5	19.0	20.7	E	64	6.25	12.5	24.3	24.8	150	E

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-183. Absolute and unit area toxic chemical loading estimates for PBDE-184 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 32.0	U	4					< 108	U
CBX	1					< 9.56	U	4					< 79.8	U
RB111	2					< 18.0	U	4					< 39.7	U
RB202	2					< 68.3	U	4					< 63.8	U
AG174	2					< 33.7	U	4					< 27.9	U
AGG	2					< 8.94	U	4					< 35.9	U
FB200	2					< 44.2	U	4					< 43.8	U
FB203	2					< 83.7	U	4					< 75.5	U
All Snohomish CB Locations	3					< 20.7	U	8					< 107	U
All Snohomish RB Locations	4					< 38.3	U	8					< 49.0	U
All Snohomish AG Locations	4					< 22.5	U	8					< 31.8	U
All Snohomish FB Locations	4					< 80.8	U	8					< 74.6	U
All Snohomish Locations	15					< 60.3	U	32					< 83.9	U
Puyallup Watershed														
CBA	2					< 21.7	U	4					< 61.0	U
CBB	1					< 4.54	U	4					< 31.7	U
RB53	2					< 12.4	U	4					< 12.3	U
RB209	2					< 15.7	U	4					< 16.7	U
AG143	2					< 12.7	U	4					< 33.9	U
AG62	2					< 20.7	U	4					< 51.7	U
FB130	2					< 71.4	U	4					< 49.3	U
FB372	2					< 18.5	U	4					< 37.1	U
All Puyallup CB Locations	3					< 14.9	U	8					< 50.6	U
All Puyallup RB Locations	4					< 14.9	U	8					< 15.1	U
All Puyallup AG Locations	4					< 18.1	U	8					< 45.7	U
All Puyallup FB Locations	4					< 26.1	U	8					< 39.4	U
All Puyallup Locations	15					< 17.7	U	32					< 37.8	U
All Monitoring Locations Combined														
All CB Locations	6					< 16.9	U	16					< 74.4	U
All RB Locations	8					< 26.8	U	16					< 33.0	U
All AG Locations	8					< 20.7	U	16					< 38.8	U
All FB Locations	8					< 70.3	U	16					< 69.5	U
All Locations	30					< 41.4	U	64					< 66.7	U

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-184. Absolute and unit area toxic chemical loading estimates for PBDE-191 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 32.0	U	4	7.86	14.1	23.9	40.7	53.8	E
CBX	1					< 9.56	U	4					< 79.8	U
RB111	2					< 18.0	U	4					< 39.7	U
RB202	2					< 68.3	U	4					< 63.8	U
AG174	2					< 33.7	U	4					< 27.9	U
AGG	2					< 8.94	U	4					< 35.9	U
FB200	2					< 44.2	U	4					< 43.8	U
FB203	2					< 83.7	U	4					< 75.5	U
All Snohomish CB Locations	3					< 20.7	U	8	7.78	14.6	23.7	39.6	53.3	E
All Snohomish RB Locations	4					< 38.3	U	8					< 49.0	U
All Snohomish AG Locations	4					< 22.5	U	8					< 31.8	U
All Snohomish FB Locations	4					< 80.8	U	8					< 74.6	U
All Snohomish Locations	15					< 60.3	U	32	6.12	13.3	19.2	30.6	41.9	E
Puyallup Watershed														
CBA	2					< 21.7	U	4					< 61.0	U
CBB	1					< 4.54	U	4					< 31.7	U
RB53	2					< 12.4	U	4					< 12.3	U
RB209	2					< 15.7	U	4					< 16.7	U
AG143	2					< 12.7	U	4	7.20	11.8	16.4	16.7	17.0	E
AG62	2					< 20.7	U	4					< 51.7	U
FB130	2					< 71.4	U	4					< 49.3	U
FB372	2					< 18.5	U	4					< 37.1	U
All Puyallup CB Locations	3					< 14.9	U	8					< 50.6	U
All Puyallup RB Locations	4					< 14.9	U	8					< 15.1	U
All Puyallup AG Locations	4					< 18.1	U	8	9.40	16.3	21.5	21.8	22.8	E
All Puyallup FB Locations	4					< 26.1	U	8					< 39.4	U
All Puyallup Locations	15					< 17.7	U	32	7.37	12.0	16.8	17.2	18.9	E
All Monitoring Locations Combined														
All CB Locations	6					< 16.9	U	16	5.43	14.0	25.9	27.4	37.2	E
All RB Locations	8					< 26.8	U	16					< 33.0	U
All AG Locations	8					< 20.7	U	16	4.73	9.12	18.2	18.3	19.4	E
All FB Locations	8					< 70.3	U	16					< 69.5	U
All Locations	30					< 41.4	U	64	4.87	12.5	24.3	24.5	33.3	E

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-185. Absolute and unit area toxic chemical loading estimates for PBDE-196 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 32.0	U	4	20.2	20.7	51.4	383	685	E
CBX	1					< 9.56	U	4					< 79.8	U
RB111	2					< 18.0	U	4					< 39.7	U
RB202	2					< 171	U	4					< 63.8	U
AG174	2					< 33.7	U	4					< 27.9	U
AGG	2					< 8.94	U	4					< 35.9	U
FB200	2					< 44.2	U	4					< 43.8	U
FB203	2					< 83.7	U	4					< 75.5	U
All Snohomish CB Locations	3					< 20.7	U	8	8.87	20.1	29.9	60.6	677	E
All Snohomish RB Locations	4					< 90.7	U	8					< 49.0	U
All Snohomish AG Locations	4					< 22.5	U	8					< 31.8	U
All Snohomish FB Locations	4					< 80.8	U	8					< 74.6	U
All Snomomish Locations	15					< 143	U	32	6.12	15.3	23.1	30.6	533	E
Puyallup Watershed														
CBA	2					< 21.7	U	4	14.0	20.6	27.1	65.1	103	E
CBB	1					< 4.54	U	4	7.92	7.95	11.7	15.7	15.8	E
RB53	2					< 12.4	U	4					< 12.3	U
RB209	2					< 15.7	U	4					< 16.7	U
AG143	2					< 12.7	U	4	16.4	16.4	16.7	35.5	53.9	E
AG62	2					< 20.7	U	4					< 51.7	U
FB130	2					< 71.4	U	4					< 49.3	U
FB372	2					< 18.5	U	4					< 37.1	U
All Puyallup CB Locations	3					< 14.9	U	8	11.5	11.6	22.5	22.7	85.5	E
All Puyallup RB Locations	4					< 14.9	U	8					< 15.1	U
All Puyallup AG Locations	4					< 18.1	U	8	11.1	21.5	21.5	22.5	70.4	E
All Puyallup FB Locations	4					< 26.1	U	8					< 39.4	U
All Puyallup Locations	15					< 17.7	U	32	8.58	12.7	16.8	17.2	63.9	E
All Monitoring Locations Combined														
All CB Locations	6					< 16.9	U	16	6.19	14.0	27.1	27.9	473	E
All RB Locations	8					< 63.4	U	16					< 33.0	U
All AG Locations	8					< 20.7	U	16	3.65	9.71	18.2	18.6	59.9	E
All FB Locations	8					< 70.3	U	16					< 69.5	U
All Locations	30					< 98.0	U	64	4.87	12.5	24.3	24.7	424	E

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-186. Absolute and unit area toxic chemical loading estimates for PBDE-197-204 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 32.0	U	4	20.6	30.5	74.1	262	417	E
CBX	1					< 9.56	U	4	19.4	23.0	33.4	58.6	77.0	E
RB111	2					< 18.0	U	4					< 79.4	U
RB202	2					< 68.3	U	4					< 128	U
AG174	2					< 33.7	U	4					< 55.8	U
AGG	2					< 8.94	U	4					< 71.8	U
FB200	2					< 44.2	U	4					< 87.5	U
FB203	2					< 83.7	U	4					< 151	U
All Snohomish CB Locations	3					< 20.7	U	8	19.6	23.6	40.3	92.2	412	E
All Snohomish RB Locations	4					< 38.3	U	8					< 98.0	U
All Snohomish AG Locations	4					< 22.5	U	8					< 63.6	U
All Snohomish FB Locations	4					< 80.8	U	8					< 149	U
All Snohomish Locations	15					< 60.3	U	32	13.4	21.7	33.8	61.2	324	E
Puyallup Watershed														
CBA	2					< 21.7	U	4	27.1	27.6	41.1	75.7	97.2	E
CBB	1					< 4.54	U	4	9.00	9.93	13.3	23.4	31.0	E
RB53	2					< 12.4	U	4					< 24.5	U
RB209	2					< 15.7	U	4					< 33.4	U
AG143	2					< 12.7	U	4	16.4	24.7	33.4	48.4	62.8	E
AG62	2					< 20.7	U	4					< 103	U
FB130	2					< 71.4	U	4					< 98.5	U
FB372	2					< 18.5	U	4					< 74.3	U
All Puyallup CB Locations	3					< 14.9	U	8	13.0	19.1	23.1	45.0	80.5	E
All Puyallup RB Locations	4					< 14.9	U	8					< 30.2	U
All Puyallup AG Locations	4					< 18.1	U	8	21.5	21.8	42.9	45.0	82.0	E
All Puyallup FB Locations	4					< 26.1	U	8					< 78.8	U
All Puyallup Locations	15					< 17.7	U	32	9.76	17.2	25.5	33.6	64.3	E
All Monitoring Locations Combined														
All CB Locations	6					< 16.9	U	16	13.7	18.9	28.0	54.3	288	E
All RB Locations	8					< 26.8	U	16					< 66.0	U
All AG Locations	8					< 20.7	U	16	9.62	18.2	36.5	37.1	69.7	E
All FB Locations	8					< 70.3	U	16					< 139	U
All Locations	30					< 41.4	U	64	10.7	24.6	26.9	48.7	258	E

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-187. Absolute and unit area toxic chemical loading estimates for PBDE-201 for the Phase 3 study of toxics in surface runoff to Puget Sound

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 32.0	U	4	12.8	16.5	37.0	293	532	E
CBX	1					< 9.56	U	4					< 79.8	U
RB111	2					< 18.0	U	4					< 39.7	U
RB202	2					< 68.3	U	4					< 63.8	U
AG174	2					< 33.7	U	4					< 27.9	U
AGG	2					< 8.94	U	4					< 35.9	U
FB200	2					< 44.2	U	4					< 43.8	U
FB203	2					< 83.7	U	4					< 75.5	U
All Snohomish CB Locations	3					< 20.7	U	8	12.7	17.4	29.6	46.8	527	E
All Snohomish RB Locations	4					< 38.3	U	8					< 49.0	U
All Snohomish AG Locations	4					< 22.5	U	8					< 31.8	U
All Snohomish FB Locations	4					< 80.8	U	8					< 74.6	U
All Snohomish Locations	15					< 60.3	U	32	6.34	13.2	23.1	30.6	414	E
Puyallup Watershed														
CBA	2					< 21.7	U	4	11.3	12.7	20.6	65.1	103	E
CBB	1					< 4.54	U	4	7.92	8.30	12.1	15.7	15.8	E
RB53	2					< 12.4	U	4					< 12.3	U
RB209	2					< 15.7	U	4					< 16.7	U
AG143	2					< 12.7	U	4	16.4	16.4	16.7	42.5	68.1	E
AG62	2					< 20.7	U	4					< 51.7	U
FB130	2					< 71.4	U	4					< 49.3	U
FB372	2					< 18.5	U	4					< 37.1	U
All Puyallup CB Locations	3					< 14.9	U	8	9.40	11.5	17.5	22.7	85.5	E
All Puyallup RB Locations	4					< 14.9	U	8					< 15.1	U
All Puyallup AG Locations	4					< 18.1	U	8	11.1	21.5	21.5	22.5	88.8	E
All Puyallup FB Locations	4					< 26.1	U	8					< 39.4	U
All Puyallup Locations	15					< 17.7	U	32	7.03	9.04	16.8	17.2	69.6	E
All Monitoring Locations Combined														
All CB Locations	6					< 16.9	U	16	8.88	13.9	21.2	27.9	368	E
All RB Locations	8					< 26.8	U	16					< 33.0	U
All AG Locations	8					< 20.7	U	16	5.89	9.71	18.2	18.6	75.5	E
All FB Locations	8					< 70.3	U	16					< 69.5	U
All Locations	30					< 41.4	U	64	5.04	12.5	24.3	24.7	329	E

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-188. Absolute and unit area toxic chemical loading estimates for PBDE-203 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2	7.50		11.8		16.0	E	4	18.2	19.2	57.7	637	1180	E
CBX	1					< 9.56	U	4	17.5	18.8	23.7	32.9	38.5	E
RB111	2					< 18.0	U	4					< 39.7	U
RB202	2					< 171	U	4					< 63.8	U
AG174	2					< 33.7	U	4					< 27.9	U
AGG	2					< 8.94	U	4					< 35.9	U
FB200	2					< 44.2	U	4					< 43.8	U
FB203	2					< 83.7	U	4					< 75.5	U
All Snohomish CB Locations	3	4.85	6.18	10.2	10.3	10.4	E	8	17.7	19.0	23.9	66.5	1170	E
All Snohomish RB Locations	4					< 90.7	U	8					< 49.0	U
All Snohomish AG Locations	4					< 22.5	U	8					< 31.8	U
All Snohomish FB Locations	4					< 80.8	U	8					< 74.6	U
All Snohomish Locations	15	12.7	26.6	26.9	27.6	71.5	E	32	7.04	14.5	19.4	30.6	918	E
Puyallup Watershed														
CBA	2					< 21.7	U	4	14.0	20.6	27.1	86.3	145	E
CBB	1					< 4.54	U	4	14.4	15.0	15.7	25.9	36.0	E
RB53	2					< 12.4	U	4					< 12.3	U
RB209	2					< 15.7	U	4					< 16.7	U
AG143	2					< 12.7	U	4	16.4	16.4	16.7	60.4	104	E
AG62	2					< 20.7	U	4					< 51.7	U
FB130	2					< 71.4	U	4					< 49.3	U
FB372	2					< 18.5	U	4					< 37.1	U
All Puyallup CB Locations	3					< 14.9	U	8	11.6	21.7	22.5	37.6	121	E
All Puyallup RB Locations	4					< 14.9	U	8					< 15.1	U
All Puyallup AG Locations	4					< 18.1	U	8	11.1	21.5	21.5	22.5	136	E
All Puyallup FB Locations	4					< 26.1	U	8					< 39.4	U
All Puyallup Locations	15					< 17.7	U	32	8.58	16.8	16.8	17.3	106	E
All Monitoring Locations Combined														
All CB Locations	6	3.75	7.79	7.94	8.02	8.45	E	16	12.4	14.1	27.1	45.3	814	E
All RB Locations	8					< 63.4	U	16					< 33.0	U
All AG Locations	8					< 20.7	U	16	6.88	9.71	18.2	18.6	115	E
All FB Locations	8					< 70.3	U	16					< 69.5	U
All Locations	30	8.72	18.3	18.4	19.0	49.0	E	64	5.60	12.6	24.3	24.7	730	E

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-189. Absolute and unit area toxic chemical loading estimates for PBDE-205 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 32.0	U	4					< 108	U
CBX	1					< 9.56	U	4					< 79.8	U
RB111	2					< 18.0	U	4					< 39.7	U
RB202	2					< 171	U	4					< 63.8	U
AG174	2					< 33.7	U	4					< 27.9	U
AGG	2					< 8.94	U	4					< 35.9	U
FB200	2					< 44.2	U	4					< 43.8	U
FB203	2					< 83.7	U	4					< 75.5	U
All Snohomish CB Locations	3					< 20.7	U	8					< 107	U
All Snohomish RB Locations	4					< 90.7	U	8					< 49.0	U
All Snohomish AG Locations	4					< 22.5	U	8					< 31.8	U
All Snohomish FB Locations	4					< 80.8	U	8					< 74.6	U
All Snohomish Locations	15					< 143	U	32					< 83.9	U
Puyallup Watershed														
CBA	2					< 21.7	U	4					< 61.0	U
CBB	1					< 4.54	U	4					< 31.7	U
RB53	2					< 12.4	U	4					< 12.3	U
RB209	2					< 15.7	U	4					< 16.7	U
AG143	2					< 12.7	U	4					< 33.9	U
AG62	2					< 20.7	U	4					< 51.7	U
FB130	2					< 71.4	U	4					< 49.3	U
FB372	2					< 18.5	U	4					< 37.1	U
All Puyallup CB Locations	3					< 14.9	U	8					< 50.6	U
All Puyallup RB Locations	4					< 14.9	U	8					< 15.1	U
All Puyallup AG Locations	4					< 18.1	U	8					< 45.7	U
All Puyallup FB Locations	4					< 26.1	U	8					< 39.4	U
All Puyallup Locations	15					< 17.7	U	32					< 37.8	U
All Monitoring Locations Combined														
All CB Locations	6					< 16.9	U	16					< 74.4	U
All RB Locations	8					< 63.4	U	16					< 33.0	U
All AG Locations	8					< 20.7	U	16					< 38.8	U
All FB Locations	8					< 70.3	U	16					< 69.5	U
All Locations	30					< 98.0	U	64					< 66.7	U

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-190. Absolute and unit area toxic chemical loading estimates for PBDE-206 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2	40.0		51.9		63.7	E	4	50.7	86.3	560	6160	11300	E
CBX	1					< 23.9	U	4					< 199	U
RB111	2					< 99.1	U	4					< 99.2	U
RB202	2					< 171	U	4					< 160	U
AG174	2					< 84.1	U	4					< 69.9	U
AGG	2					< 22.3	U	4					< 89.7	U
FB200	2					< 111	U	4					< 110	U
FB203	2					< 209	U	4					< 189	U
All Snohomish CB Locations	3	25.4	25.5	25.9	37.4	41.3	E	8	19.4	50.4	98.9	554	11200	E
All Snohomish RB Locations	4					< 211	U	8					< 123	U
All Snohomish AG Locations	4					< 56.1	U	8					< 79.4	U
All Snohomish FB Locations	4					< 202	U	8					< 187	U
All Snohomish Locations	15	64.6	66.5	67.9	71.4	166	E	32	15.3	38.3	74.7	77.0	8810	E
Puyallup Watershed														
CBA	2					< 54.1	U	4	67.8	67.8	288	1070	1630	E
CBB	1					< 11.4	U	4	19.9	23.3	32.7	42.7	46.6	E
RB53	2					< 31.1	U	4					< 30.7	U
RB209	2					< 39.2	U	4					< 41.7	U
AG143	2					< 31.8	U	4	41.1	41.1	41.8	314	585	E
AG62	2					< 51.6	U	4					< 129	U
FB130	2					< 178	U	4					< 123	U
FB372	2					< 46.2	U	4					< 93.0	U
All Puyallup CB Locations	3					< 37.3	U	8	28.8	47.5	56.2	244	1350	E
All Puyallup RB Locations	4					< 37.1	U	8					< 37.8	U
All Puyallup AG Locations	4					< 45.2	U	8	27.7	53.6	53.6	56.2	764	E
All Puyallup FB Locations	4					< 65.2	U	8					< 98.6	U
All Puyallup Locations	15					< 44.3	U	32	21.5	42.1	42.1	43.6	1010	E
All Monitoring Locations Combined														
All CB Locations	6	19.5	19.6	20.1	21.1	31.9	E	16	13.6	41.0	67.9	296	7820	E
All RB Locations	8					< 148	U	16					< 82.5	U
All AG Locations	8					< 51.7	U	16	9.12	24.3	45.6	46.4	650	E
All FB Locations	8					< 175	U	16					< 174	U
All Locations	30	44.0	45.6	46.6	48.4	114	E	64	12.2	32.0	60.8	62.0	7010	E

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-191. Absolute and unit area toxic chemical loading estimates for PBDE-207 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2	40.0		55.9		71.7	E	4	50.7	81.1	329	5740	10900	E
CBX	1					< 23.9	U	4					< 199	U
RB111	2					< 99.1	U	4					< 99.2	U
RB202	2					< 171	U	4					< 160	U
AG174	2					< 84.1	U	4					< 69.9	U
AGG	2					< 22.3	U	4					< 89.7	U
FB200	2					< 111	U	4	10.6	31.8	53.9	57.3	59.8	E
FB203	2					< 209	U	4					< 189	U
All Snohomish CB Locations	3	25.4	25.5	25.9	41.3	46.5	E	8	33.4	50.4	98.9	326	10800	E
All Snohomish RB Locations	4					< 211	U	8					< 123	U
All Snohomish AG Locations	4					< 56.1	U	8					< 79.4	U
All Snohomish FB Locations	4					< 202	U	8	18.1	33.6	88.2	91.8	102	E
All Snohomish Locations	15	64.6	66.5	67.9	71.4	166	E	32	15.3	38.3	76.5	77.4	8510	E
Puyallup Watershed														
CBA	2					< 54.1	U	4	67.8	67.8	316	1210	1860	E
CBB	1					< 11.4	U	4	32.9	35.9	44.1	86.1	123	
RB53	2					< 31.1	U	4					< 30.7	U
RB209	2					< 39.2	U	4					< 41.7	U
AG143	2					< 31.8	U	4	41.1	41.1	41.8	265	487	E
AG62	2					< 51.6	U	4					< 129	U
FB130	2					< 178	U	4					< 123	U
FB372	2					< 46.2	U	4					< 93.0	U
All Puyallup CB Locations	3					< 37.3	U	8	47.7	56.2	63.9	323	1540	
All Puyallup RB Locations	4					< 37.1	U	8					< 37.8	U
All Puyallup AG Locations	4					< 45.2	U	8	27.7	53.6	53.6	56.2	635	E
All Puyallup FB Locations	4					< 65.2	U	8					< 98.6	U
All Puyallup Locations	15					< 44.3	U	32	21.5	42.1	42.1	44.2	1150	E
All Monitoring Locations Combined														
All CB Locations	6	19.5	19.6	20.1	21.1	35.9	E	16	23.3	62.7	69.1	296	7550	E
All RB Locations	8					< 148	U	16					< 82.5	U
All AG Locations	8					< 51.7	U	16	9.12	24.3	45.6	46.4	540	E
All FB Locations	8					< 175	U	16	15.8	41.8	79.0	79.8	89.1	E
All Locations	30	44.0	45.6	46.6	48.4	114	E	64	12.2	33.2	60.8	62.5	6760	E

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-192. Absolute and unit area toxic chemical loading estimates for PBDE-208 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2	40.0		51.7		63.4	E	4	50.7	59.7	333	5050	9510	E
CBX	1					< 23.9	U	4					< 199	U
RB111	2					< 99.1	U	4					< 99.2	U
RB202	2					< 171	U	4					< 160	U
AG174	2					< 84.1	U	4					< 69.9	U
AGG	2					< 22.3	U	4					< 89.7	U
FB200	2					< 111	U	4					< 110	U
FB203	2					< 209	U	4					< 189	U
All Snohomish CB Locations	3	25.4	25.5	25.9	37.3	41.1	E	8	32.7	50.4	82.6	346	9410	E
All Snohomish RB Locations	4					< 211	U	8					< 123	U
All Snohomish AG Locations	4					< 56.1	U	8					< 79.4	U
All Snohomish FB Locations	4					< 202	U	8					< 187	U
All Snohomish Locations	15	64.6	66.5	67.9	71.4	166	E	32	15.3	38.3	63.2	76.5	7410	E
Puyallup Watershed														
CBA	2					< 54.1	U	4	67.8	67.8	327	630	673	E
CBB	1					< 11.4	U	4	34.8	36.8	39.0	63.0	86.9	U
RB53	2					< 31.1	U	4					< 30.7	U
RB209	2					< 39.2	U	4					< 41.7	U
AG143	2					< 31.8	U	4	41.1	41.1	41.8	345	648	E
AG62	2					< 51.6	U	4					< 129	U
FB130	2					< 178	U	4					< 123	U
FB372	2					< 46.2	U	4					< 93.0	U
All Puyallup CB Locations	3					< 37.3	U	8	50.4	56.2	56.5	306	558	U
All Puyallup RB Locations	4					< 37.1	U	8					< 37.8	U
All Puyallup AG Locations	4					< 45.2	U	8	27.7	53.6	53.6	56.2	845	E
All Puyallup FB Locations	4					< 65.2	U	8					< 98.6	U
All Puyallup Locations	15					< 44.3	U	32	21.5	42.1	42.1	43.6	663	E
All Monitoring Locations Combined														
All CB Locations	6	19.5	19.6	20.1	21.1	31.8	E	16	22.8	54.2	67.9	282	6570	E
All RB Locations	8					< 148	U	16					< 82.5	U
All AG Locations	8					< 51.7	U	16	9.12	24.3	45.6	46.4	719	E
All FB Locations	8					< 175	U	16					< 174	U
All Locations	30	44.0	45.6	46.6	48.4	114	E	64	12.2	32.7	60.8	62.0	5890	E

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-193. Absolute and unit area toxic chemical loading estimates for PBDE-209 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2	92.9		1430		2770		4	98.2	5120	20800	104000	176000	
CBX	1			39.9				4	759	942	1450	2100	2430	
RB111	2					< 99.1	U	4					< 190	U
RB202	2					< 171	U	4					< 160	U
AG174	2					< 84.1	U	4					< 69.9	U
AGG	2	11.2		17.3		23.5	E	4	43.8	43.8	44.3	133	221	E
FB200	2					< 112	U	4	53.1	53.1	63.2	168	264	E
FB203	2					< 214	U	4	94.3	94.3	94.3	198	303	E
All Snohomish CB Locations	3	60.2	66.3	84.8	1370	1790		8	97.2	951	2120	20600	174000	
All Snohomish RB Locations	4					< 211	U	8					< 232	U
All Snohomish AG Locations	4	26.7	26.9	27.6	42.6	57.2	E	8	38.8	38.8	38.8	39.5	196	E
All Snohomish FB Locations	4					< 204	U	8	90.4	90.4	90.4	207	449	E
All Snohomish Locations	15	67.9	67.9	71.4	155	4700	E	32	76.5	76.5	76.5	383	137000	E
Puyallup Watershed														
CBA	2	27.1		43.0		58.9	E	4	452	535	5760	14100	17200	
CBB	1			23.0				4	447	522	925	1270	1290	
RB53	2					< 31.1	U	4					< 30.7	U
RB209	2					< 39.2	U	4	20.0	20.4	31.4	56.4	70.7	E
AG143	2					< 31.8	U	4	41.1	41.8	85.8	7980	15800	E
AG62	2					< 53.7	U	4	60.7	60.7	62.6	93.2	122	E
FB130	2					< 178	U	4					< 123	U
FB372	2					< 46.2	U	4					< 93.0	U
All Puyallup CB Locations	3	18.6	24.1	40.5	64.1	71.9		8	375	580	1340	5450	14300	
All Puyallup RB Locations	4					< 37.1	U	8	17.8	17.8	18.3	28.0	62.6	E
All Puyallup AG Locations	4					< 46.0	U	8	53.6	53.6	56.2	138	20700	E
All Puyallup FB Locations	4					< 65.2	U	8					< 98.6	U
All Puyallup Locations	15	21.0	21.0	21.0	22.1	85.3	E	32	42.1	42.1	44.2	332	16200	E
All Monitoring Locations Combined														
All CB Locations	6	21.1	45.9	56.1	81.3	1390		16	67.9	700	1480	8950	122000	
All RB Locations	8					< 148	U	16	38.8	38.8	38.8	40.8	137	E
All AG Locations	8	24.6	24.6	25.1	25.7	52.7	E	16	45.6	45.6	45.9	70.1	17600	E
All FB Locations	8					< 175	U	16	79.0	79.0	79.0	83.8	393	E
All Locations	30	46.6	46.6	47.5	51.8	3220	E	64	60.8	60.8	62.0	356	109000	E

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-194. Absolute and unit area toxic chemical loading estimates for total PCBs for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2	119		281		443		3	9200	9480	10300	18700	21500	
CBX	1			10.4				3	101	243	671	901	977	
RB111	2	1.54		2.79		4.04	E	3	38.9	143	457	675	747	
RB202	2					< 513	U	3	30.0	39.7	68.9	226	279	
AG174	2	3.20		7.68		12.2	E	1			38.7			
AGG	2	8.94		18.5		28.0	E	1			24.9			
FB200	2	4.91		83.9		163	E	3	4.24	8.44	21.0	37.1	42.4	
FB203	2	22.2		53.8		85.5		3	26.8	29.4	37.4	104	126	E
All Snohomish CB Locations	3	22.2	36.0	77.3	234	287		6	102	678	5050	10200	21300	
All Snohomish RB Locations	4	3.27	3.36	6.03	72.3	136	E	6	23.0	47.5	133	558	913	
All Snohomish AG Locations	4	2.13	5.12	14.9	45.0	68.3	E	2	22.0		32.7		43.4	
All Snohomish FB Locations	4	8.97	15.1	51.4	190	298		6	7.23	25.7	35.8	72.2	121	E
All Snohomish Locations	15	5.16	7.87	54.3	192	751		20	6.12	36.9	82.9	741	16700	
Puyallup Watershed														
CBA	2	63.8		171		278		3	963	1030	1230	2790	3310	
CBB	1			10.4				3	217	218	221	651	795	
RB53	2	26.4		32.7		39.0	E	3	1.50	10.8	38.6	57.4	63.6	
RB209	2	21.0		42.7		64.3	E	3	4.01	6.81	15.2	21.9	24.1	
AG143	2	51.1		79.4		108		1			216			
AG62	2	32.8		57.7		82.6	E	1			200			
FB130	2	80.9		167		254	E	3	49.3	81.4	178	246	269	
FB372	2	22.9		41.9		61.0	E	3	37.2	52.8	99.7	192	223	
All Puyallup CB Locations	3	32.6	35.4	44.0	155	192		6	315	320	909	1150	2740	
All Puyallup RB Locations	4	18.9	25.2	39.1	52.2	57.8	E	6	1.85	3.55	17.4	47.6	78.4	
All Puyallup AG Locations	4	28.2	49.5	71.7	113	153		2	176		229		282	
All Puyallup FB Locations	4	29.6	30.4	57.0	87.8	92.8	E	6	35.8	39.4	118	196	236	
All Puyallup Locations	15	19.9	29.5	55.6	68.6	227		20	4.37	43.8	161	238	2050	
All Monitoring Locations Combined														
All CB Locations	6	17.2	36.9	54.8	217	222		12	71.1	430	1100	4830	14800	
All RB Locations	8	2.29	4.21	43.1	87.3	98.7	E	12	4.03	22.1	40.3	154	584	
All AG Locations	8	1.97	13.8	47.1	79.6	170		4	25.9	38.5	101	195	240	
All FB Locations	8	7.42	42.5	81.6	234	250		12	6.32	31.3	66.4	207	417	
All Locations	30	3.54	37.2	84.5	139	515		40	4.87	48.1	169	492	13300	

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-195. Absolute and unit area toxic chemical loading estimates for PCB-001 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)													
Baseflow							Storm Event						
n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed													
CB335	2				< 6.09	U	3					< 189	U
CBX	1				< 1.85	U	3					< 154	U
RB111	2				< 3.39	U	3	3.77	6.80	15.9	32.3	37.7	E
RB202	2				< 13.0	U	2					< 126	U
AG174	2				< 6.40	U	1					< 5.80	U
AGG	2				< 1.66	U	1					< 6.66	U
FB200	2				< 8.48	U	3					< 84.9	U
FB203	1				< 16.2	U	3					< 143	U
All Snohomish CB Locations	3				< 3.94	U	6					< 187	U
All Snohomish RB Locations	4				< 7.23	U	5	2.40	4.06	19.4	46.7	48.5	E
All Snohomish AG Locations	4				< 4.27	U	2					< 6.51	U
All Snohomish FB Locations	3				< 15.5	U	6					< 145	U
All Snohomish Locations	14				< 11.4	U	19	2.94	3.75	29.7	58.1	73.5	E
Puyallup Watershed													
CBA	2				< 3.91	U	3					< 109	U
CBB	1				< 0.863	U	1			7.45			U
RB53	2				< 2.36	U	3					< 23.1	U
RB209	2				< 3.14	U	3					< 30.5	U
AG143	2				< 2.49	U	1					< 6.91	U
AG62	2				< 4.34	U	1					< 10.2	U
FB130	2				< 13.7	U	3					< 98.5	U
FB372	2				< 3.51	U	3					< 74.4	U
All Puyallup CB Locations	3				< 2.69	U	4	4.72	7.76	17.8	34.9	45.0	E
All Puyallup RB Locations	4				< 2.82	U	6					< 28.4	U
All Puyallup AG Locations	4				< 3.72	U	2					< 9.01	U
All Puyallup FB Locations	4				< 5.02	U	6					< 78.9	U
All Puyallup Locations	15				< 3.54	U	18	3.53	3.53	16.1	32.0	37.0	E
All Monitoring Locations Combined													
All CB Locations	6				< 3.05	U	10	2.63	5.70	26.7	54.3	65.2	E
All RB Locations	8				< 5.06	U	11	1.54	3.26	14.9	29.5	31.0	E
All AG Locations	8				< 4.13	U	4					< 7.66	U
All FB Locations	7				< 13.5	U	12					< 139	U
All Locations	29				< 7.82	U	37	2.34	5.11	23.4	46.2	58.4	E

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-196. Absolute and unit area toxic chemical loading estimates for PCB-002 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)													
Baseflow							Storm Event						
n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed													
CB335	2				< 6.09	U	3					< 189	U
CBX	1				< 1.85	U	3					< 154	U
RB111	2				< 3.39	U	3					< 75.4	U
RB202	2				< 13.0	U	2					< 126	U
AG174	2				< 6.40	U	1					< 5.80	U
AGG	2				< 1.66	U	1					< 6.66	U
FB200	2				< 8.48	U	3					< 84.9	U
FB203	1				< 16.2	U	3					< 143	U
All Snohomish CB Locations	3				< 3.94	U	6					< 187	U
All Snohomish RB Locations	4				< 7.23	U	5					< 97.0	U
All Snohomish AG Locations	4				< 4.27	U	2					< 6.51	U
All Snohomish FB Locations	3				< 15.5	U	6					< 145	U
All Snohomish Locations	14				< 11.4	U	19					< 147	U
Puyallup Watershed													
CBA	2				< 3.91	U	3					< 109	U
CBB	1				< 0.863	U	0						
RB53	2				< 2.36	U	3					< 23.1	U
RB209	2				< 3.14	U	3					< 30.5	U
AG143	2				< 2.49	U	1					< 6.91	U
AG62	2				< 4.34	U	1					< 10.2	U
FB130	2				< 13.7	U	3					< 98.5	U
FB372	2				< 3.51	U	3					< 74.4	U
All Puyallup CB Locations	3				< 2.69	U	3					< 90.0	U
All Puyallup RB Locations	4				< 2.82	U	6					< 28.4	U
All Puyallup AG Locations	4				< 3.72	U	2					< 9.01	U
All Puyallup FB Locations	4				< 5.02	U	6					< 78.9	U
All Puyallup Locations	15				< 3.54	U	17					< 74.0	U
All Monitoring Locations Combined													
All CB Locations	6				< 3.05	U	9					< 130	U
All RB Locations	8				< 5.06	U	11					< 62.1	U
All AG Locations	8				< 4.13	U	4					< 7.66	U
All FB Locations	7				< 13.5	U	12					< 139	U
All Locations	29				< 7.82	U	36					< 117	U

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-197. Absolute and unit area toxic chemical loading estimates for PCB-003 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)													
Baseflow							Storm Event						
n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed													
CB335	2				< 6.09	U	3					< 189	U
CBX	1				< 1.85	U	3					< 154	U
RB111	2				< 3.39	U	3					< 75.4	U
RB202	2				< 13.0	U	2					< 126	U
AG174	2				< 6.40	U	1					< 5.80	U
AGG	2				< 1.66	U	1					< 6.66	U
FB200	2				< 8.48	U	3					< 84.9	U
FB203	1				< 16.2	U	3					< 143	U
All Snohomish CB Locations	3				< 3.94	U	6					< 187	U
All Snohomish RB Locations	4				< 7.23	U	5					< 97.0	U
All Snohomish AG Locations	4				< 4.27	U	2					< 6.51	U
All Snohomish FB Locations	3				< 15.5	U	6					< 145	U
All Snohomish Locations	14				< 11.4	U	19					< 147	U
Puyallup Watershed													
CBA	2				< 3.91	U	3					< 109	U
CBB	1				< 0.863	U	1			6.83			U
RB53	2				< 2.36	U	3					< 23.1	U
RB209	2				< 3.14	U	3					< 30.5	U
AG143	2				< 2.49	U	1					< 6.91	U
AG62	2				< 4.34	U	1					< 10.2	U
FB130	2				< 13.7	U	3					< 98.5	U
FB372	2				< 3.51	U	3					< 74.4	U
All Puyallup CB Locations	3				< 2.69	U	4	4.72	7.31	17.3	34.9	45.0	E
All Puyallup RB Locations	4				< 2.82	U	6					< 28.4	U
All Puyallup AG Locations	4				< 3.72	U	2					< 9.01	U
All Puyallup FB Locations	4				< 5.02	U	6					< 78.9	U
All Puyallup Locations	15				< 3.54	U	18	3.53	3.53	16.1	32.0	37.0	E
All Monitoring Locations Combined													
All CB Locations	6				< 3.05	U	10	2.63	5.70	26.7	54.3	65.2	E
All RB Locations	8				< 5.06	U	11					< 62.1	U
All AG Locations	8				< 4.13	U	4					< 7.66	U
All FB Locations	7				< 13.5	U	12					< 139	U
All Locations	29				< 7.82	U	37	2.34	5.11	23.4	46.2	58.4	E

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-198. Absolute and unit area toxic chemical loading estimates for PCB-004-010 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 6.09	U	3					< 189	U
CBX	1					< 1.85	U	3	3.73	5.88	12.3	32.0	38.5	E
RB111	2					< 3.39	U	3	3.77	4.81	7.94	18.4	21.8	E
RB202	2					< 13.0	U	3					< 126	U
AG174	2					< 6.40	U	1					< 5.80	U
AGG	2					< 1.66	U	1					< 6.66	U
FB200	2					< 8.48	U	3					< 84.9	U
FB203	2					< 53.0	U	3					< 143	U
All Snohomish CB Locations	3					< 3.94	U	6	3.77	3.89	25.1	38.9	93.3	E
All Snohomish RB Locations	4					< 7.23	U	6	2.40	4.61	17.0	26.7	48.5	E
All Snohomish AG Locations	4					< 4.27	U	2					< 6.51	U
All Snohomish FB Locations	4					< 50.6	U	6					< 145	U
All Snomomish Locations	15					< 33.7	U	20	2.94	4.44	21.0	32.1	73.5	E
Puyallup Watershed														
CBA	2					< 3.91	U	3					< 109	U
CBB	1					< 0.863	U	3	3.26	5.31	11.5	14.4	15.4	E
RB53	2					< 2.36	U	3					< 23.1	U
RB209	2					< 3.14	U	3					< 30.5	U
AG143	2					< 2.49	U	1					< 6.91	U
AG62	2					< 4.34	U	1					< 10.2	U
FB130	2					< 13.7	U	3	5.17	5.85	7.88	38.9	49.3	E
FB372	2					< 3.51	U	3	3.55	4.27	6.42	29.5	37.2	E
All Puyallup CB Locations	3					< 2.69	U	6	4.72	4.72	19.5	24.7	45.0	E
All Puyallup RB Locations	4					< 2.82	U	6					< 28.4	U
All Puyallup AG Locations	4					< 3.72	U	2					< 9.01	U
All Puyallup FB Locations	4					< 5.02	U	6	3.76	3.76	6.27	35.8	39.4	E
All Puyallup Locations	15					< 3.54	U	20	3.53	3.53	9.42	25.2	37.0	E
All Monitoring Locations Combined														
All CB Locations	6					< 3.05	U	12	2.63	5.70	23.2	28.5	65.2	E
All RB Locations	8					< 5.06	U	12	1.54	3.26	14.9	23.3	31.0	E
All AG Locations	8					< 4.13	U	4					< 7.66	U
All FB Locations	8					< 41.8	U	12	3.03	6.64	21.7	61.6	69.5	E
All Locations	30					< 23.1	U	40	2.34	5.11	13.9	26.8	58.4	E

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-199. Absolute and unit area toxic chemical loading estimates for PCB-006 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 6.09	U	3					< 189	U
CBX	1					< 1.85	U	3					< 154	U
RB111	2					< 3.39	U	3	3.77	4.02	4.76	17.6	21.8	E
RB202	2					< 13.0	U	3					< 126	U
AG174	2					< 6.40	U	1					< 5.80	U
AGG	2					< 1.66	U	1					< 6.66	U
FB200	2					< 8.48	U	3					< 84.9	U
FB203	2					< 48.7	U	3					< 143	U
All Snohomish CB Locations	3					< 3.94	U	6					< 187	U
All Snohomish RB Locations	4					< 7.23	U	6	2.40	4.61	15.0	26.7	48.5	E
All Snohomish AG Locations	4					< 4.27	U	2					< 6.51	U
All Snohomish FB Locations	4					< 46.5	U	6					< 145	U
All Snohomish Locations	15					< 31.0	U	20	2.94	4.44	30.0	45.9	73.5	E
Puyallup Watershed														
CBA	2					< 3.91	U	3					< 109	U
CBB	1					< 0.863	U	2					< 30.7	U
RB53	2					< 2.36	U	3					< 23.1	U
RB209	2					< 3.14	U	3					< 30.5	U
AG143	2					< 2.49	U	1					< 6.91	U
AG62	2					< 4.34	U	1					< 10.2	U
FB130	2					< 13.7	U	3					< 98.5	U
FB372	2					< 3.51	U	3					< 74.4	U
All Puyallup CB Locations	3					< 2.69	U	5					< 90.0	U
All Puyallup RB Locations	4					< 2.82	U	6					< 28.4	U
All Puyallup AG Locations	4					< 3.72	U	2					< 9.01	U
All Puyallup FB Locations	4					< 5.02	U	6					< 78.9	U
All Puyallup Locations	15					< 3.54	U	19					< 74.0	U
All Monitoring Locations Combined														
All CB Locations	6					< 3.05	U	11					< 130	U
All RB Locations	8					< 5.06	U	12	1.54	3.26	14.9	23.3	31.0	E
All AG Locations	8					< 4.13	U	4					< 7.66	U
All FB Locations	8					< 38.5	U	12					< 139	U
All Locations	30					< 21.2	U	39	2.34	5.11	23.4	41.4	58.4	E

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-200. Absolute and unit area toxic chemical loading estimates for PCB-007-009 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)													
Baseflow							Storm Event						
n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed													
CB335	2				< 6.09	U	3					< 189	U
CBX	1				< 1.85	U	3					< 154	U
RB111	2				< 3.39	U	3					< 75.4	U
RB202	2				< 13.0	U	3					< 126	U
AG174	2				< 6.40	U	1					< 5.80	U
AGG	2				< 1.66	U	1					< 6.66	U
FB200	2				< 8.48	U	3					< 84.9	U
FB203	2				< 49.6	U	3					< 143	U
All Snohomish CB Locations	3				< 3.94	U	6					< 187	U
All Snohomish RB Locations	4				< 7.23	U	6					< 97.0	U
All Snohomish AG Locations	4				< 4.27	U	2					< 6.51	U
All Snohomish FB Locations	4				< 47.3	U	6					< 145	U
All Snohomish Locations	15				< 31.5	U	20					< 147	U
Puyallup Watershed													
CBA	2				< 3.91	U	3					< 109	U
CBB	1				< 0.863	U	2					< 30.7	U
RB53	2				< 2.36	U	3					< 23.1	U
RB209	2				< 3.14	U	3					< 30.5	U
AG143	2				< 2.49	U	1					< 6.91	U
AG62	2				< 4.34	U	1					< 10.2	U
FB130	2				< 13.7	U	3					< 98.5	U
FB372	2				< 3.51	U	3					< 74.4	U
All Puyallup CB Locations	3				< 2.69	U	5					< 90.0	U
All Puyallup RB Locations	4				< 2.82	U	6					< 28.4	U
All Puyallup AG Locations	4				< 3.72	U	2					< 9.01	U
All Puyallup FB Locations	4				< 5.02	U	6					< 78.9	U
All Puyallup Locations	15				< 3.54	U	19					< 74.0	U
All Monitoring Locations Combined													
All CB Locations	6				< 3.05	U	11					< 130	U
All RB Locations	8				< 5.06	U	12					< 62.1	U
All AG Locations	8				< 4.13	U	4					< 7.66	U
All FB Locations	8				< 39.1	U	12					< 139	U
All Locations	30				< 21.6	U	39					< 117	U

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-201. Absolute and unit area toxic chemical loading estimates for PCB-008-005 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 6.09	U	3					< 189	U
CBX	1					< 1.85	U	3					< 154	U
RB111	2					< 3.39	U	3	3.77	8.29	21.8	27.2	29.0	E
RB202	2					< 13.0	U	3	3.13	5.51	12.6	26.9	31.6	E
AG174	2					< 6.40	U	1					< 5.80	U
AGG	2					< 1.66	U	1					< 6.66	U
FB200	2					< 8.48	U	3	2.06	3.03	5.94	17.2	21.0	E
FB203	2					< 53.0	U	3	3.62	6.11	13.6	31.4	37.4	E
All Snohomish CB Locations	3					< 3.94	U	6					< 187	U
All Snohomish RB Locations	4					< 7.23	U	6	2.40	4.61	17.0	26.7	35.4	E
All Snohomish AG Locations	4					< 4.27	U	2					< 6.51	U
All Snohomish FB Locations	4					< 50.6	U	6	3.47	3.51	11.6	35.8	35.8	E
All Snohomish Locations	15					< 33.7	U	20	2.94	5.81	11.6	30.6	73.5	E
Puyallup Watershed														
CBA	2	1.96		2.01		2.06	E	3	5.70	11.2	27.7	47.6	54.3	E
CBB	1					< 0.863	U	3	9.31	10.7	14.9	15.2	15.4	E
RB53	2					< 2.36	U	3	1.21	1.66	3.00	9.39	11.5	E
RB209	2					< 3.14	U	3					< 30.5	U
AG143	2					< 2.49	U	1			14.1			
AG62	2					< 4.34	U	1			21.4			
FB130	2					< 13.7	U	3	17.2	21.1	32.5	45.1	49.3	
FB372	2					< 3.51	U	3	10.8	12.0	15.5	31.8	37.2	
All Puyallup CB Locations	3	1.35	1.35	1.35	1.40	1.42	E	6	4.72	13.5	21.9	22.9	45.0	E
All Puyallup RB Locations	4					< 2.82	U	6	1.49	1.49	5.25	13.5	14.2	E
All Puyallup AG Locations	4					< 3.72	U	2	18.5		18.7		18.9	
All Puyallup FB Locations	4					< 5.02	U	6	11.5	12.5	20.1	35.8	39.4	
All Puyallup Locations	15	1.60	1.60	1.68	1.68	1.77	E	20	3.53	10.4	15.8	27.1	37.0	E
All Monitoring Locations Combined														
All CB Locations	6	1.52	1.52	1.52	1.52	1.60	E	12	3.80	11.4	26.6	41.0	65.2	E
All RB Locations	8					< 5.06	U	12	1.54	3.26	11.5	19.9	31.0	E
All AG Locations	8					< 4.13	U	4	3.47	3.65	9.76	15.9	16.1	E
All FB Locations	8					< 41.8	U	12	3.03	10.1	25.6	36.5	69.5	E
All Locations	30	3.54	3.54	3.54	3.72	11.5	E	40	2.34	5.47	21.9	25.8	58.4	E

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-202. Absolute and unit area toxic chemical loading estimates for PCB-011 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2	3.04		5.20		7.37	E	3					< 299	U
CBX	1					< 18.5	U	3					< 508	U
RB111	2	1.54		2.79		4.04	E	3	25.8	28.8	37.7	38.6	38.9	E
RB202	2					< 13.0	U	3					< 126	U
AG174	2	3.20		7.68		12.2	E	1			38.7			
AGG	2					< 1.66	U	1			24.9			
FB200	2					< 8.48	U	3					< 84.9	U
FB203	2					< 162	U	3					< 143	U
All Snohomish CB Locations	3	1.97	2.67	4.77	16.0	19.7	E	6					< 513	U
All Snohomish RB Locations	4	3.27	3.36	3.45	6.03	8.61	E	6	23.0	24.3	38.8	47.5	48.5	E
All Snohomish AG Locations	4	2.03	2.03	2.08	5.12	8.11	E	2	22.0		32.7		43.4	
All Snohomish FB Locations	4					< 155	U	6					< 145	U
All Snohomish Locations	15	5.16	5.16	5.43	15.8	51.6	E	20	21.7	30.5	50.8	61.2	202	E
Puyallup Watershed														
CBA	2	1.96		3.65		5.35	E	3	20.1	20.4	21.2	23.2	23.9	
CBB	1					< 8.63	U	3					< 90.0	U
RB53	2					< 23.6	U	3					< 23.1	U
RB209	2					< 31.4	U	3					< 30.5	U
AG143	2					< 23.7	U	1					< 20.7	U
AG62	2					< 41.3	U	1					< 18.0	U
FB130	2					< 130	U	3	5.91	6.77	9.36	39.3	49.3	E
FB372	2					< 35.1	U	3	4.06	5.49	9.80	30.3	37.2	E
All Puyallup CB Locations	3	1.35	1.93	3.69	11.0	13.5	E	6	16.6	17.5	21.0	27.0	65.2	E
All Puyallup RB Locations	4					< 28.2	U	6					< 28.4	U
All Puyallup AG Locations	4					< 35.4	U	2					< 27.0	U
All Puyallup FB Locations	4					< 47.7	U	6	4.30	4.30	8.60	35.8	39.4	E
All Puyallup Locations	15	1.60	1.68	4.38	16.0	16.8	E	20	4.04	6.31	14.0	26.1	48.8	E
All Monitoring Locations Combined														
All CB Locations	6	1.52	1.52	3.93	15.2	15.2	E	12	20.1	25.1	29.9	71.9	179	E
All RB Locations	8	2.29	2.35	2.41	15.1	24.1	E	12	3.88	14.8	17.8	29.9	31.0	E
All AG Locations	8	1.87	1.92	2.02	13.1	19.7	E	4	6.75	9.12	18.7	38.5	51.1	E
All FB Locations	8					< 128	U	12	7.59	15.2	31.3	61.6	69.5	E
All Locations	30	3.54	3.54	3.82	35.4	37.2	E	40	5.84	18.5	24.3	48.7	161	E

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-203. Absolute and unit area toxic chemical loading estimates for PCB-012-013 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 6.09	U	3					< 189	U
CBX	1					< 1.85	U	3					< 154	U
RB111	2					< 3.39	U	3					< 75.4	U
RB202	2					< 13.0	U	3					< 126	U
AG174	2					< 6.40	U	1					< 5.80	U
AGG	2					< 1.66	U	1					< 6.66	U
FB200	2					< 8.48	U	3					< 84.9	U
FB203	2					< 53.8	U	3					< 143	U
All Snohomish CB Locations	3					< 3.94	U	6					< 187	U
All Snohomish RB Locations	4					< 7.23	U	6					< 97.0	U
All Snohomish AG Locations	4					< 4.27	U	2					< 6.51	U
All Snohomish FB Locations	4					< 51.4	U	6					< 145	U
All Snohomish Locations	15					< 34.2	U	20					< 147	U
Puyallup Watershed														
CBA	2					< 3.91	U	3					< 109	U
CBB	1					< 0.863	U	2					< 30.7	U
RB53	2					< 2.36	U	3					< 23.1	U
RB209	2					< 3.14	U	3					< 30.5	U
AG143	2					< 2.49	U	1					< 6.91	U
AG62	2					< 4.34	U	1					< 10.2	U
FB130	2					< 13.7	U	3					< 98.5	U
FB372	2					< 3.51	U	3					< 74.4	U
All Puyallup CB Locations	3					< 2.69	U	5					< 90.0	U
All Puyallup RB Locations	4					< 2.82	U	6					< 28.4	U
All Puyallup AG Locations	4					< 3.72	U	2					< 9.01	U
All Puyallup FB Locations	4					< 5.02	U	6					< 78.9	U
All Puyallup Locations	15					< 3.54	U	19					< 74.0	U
All Monitoring Locations Combined														
All CB Locations	6					< 3.05	U	11					< 130	U
All RB Locations	8					< 5.06	U	12					< 62.1	U
All AG Locations	8					< 4.13	U	4					< 7.66	U
All FB Locations	8					< 42.5	U	12					< 139	U
All Locations	30					< 23.5	U	39					< 117	U

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-204. Absolute and unit area toxic chemical loading estimates for PCB-014 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 6.09	U	3					< 189	U
CBX	1					< 1.85	U	3					< 154	U
RB111	2					< 3.39	U	3					< 75.4	U
RB202	2					< 13.0	U	3					< 126	U
AG174	2					< 6.40	U	1					< 5.80	U
AGG	2					< 1.66	U	1					< 6.66	U
FB200	2					< 8.48	U	3					< 84.9	U
FB203	2					< 49.6	U	3					< 143	U
All Snohomish CB Locations	3					< 3.94	U	6					< 187	U
All Snohomish RB Locations	4					< 7.23	U	6					< 97.0	U
All Snohomish AG Locations	4					< 4.27	U	2					< 6.51	U
All Snohomish FB Locations	4					< 47.3	U	6					< 145	U
All Snohomish Locations	15					< 31.5	U	20					< 147	U
Puyallup Watershed														
CBA	2					< 3.91	U	3					< 109	U
CBB	1					< 0.863	U	2					< 30.7	U
RB53	2					< 2.36	U	3					< 23.1	U
RB209	2					< 3.14	U	3					< 30.5	U
AG143	2					< 2.49	U	1					< 6.91	U
AG62	2					< 4.34	U	1					< 10.2	U
FB130	2					< 13.7	U	3					< 98.5	U
FB372	2					< 3.51	U	3					< 74.4	U
All Puyallup CB Locations	3					< 2.69	U	5					< 90.0	U
All Puyallup RB Locations	4					< 2.82	U	6					< 28.4	U
All Puyallup AG Locations	4					< 3.72	U	2					< 9.01	U
All Puyallup FB Locations	4					< 5.02	U	6					< 78.9	U
All Puyallup Locations	15					< 3.54	U	19					< 74.0	U
All Monitoring Locations Combined														
All CB Locations	6					< 3.05	U	11					< 130	U
All RB Locations	8					< 5.06	U	12					< 62.1	U
All AG Locations	8					< 4.13	U	4					< 7.66	U
All FB Locations	8					< 39.1	U	12					< 139	U
All Locations	30					< 21.6	U	39					< 117	U

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-205. Absolute and unit area toxic chemical loading estimates for PCB-015 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 6.09	U	3					< 189	U
CBX	1					< 1.85	U	3	3.85	6.35	13.9	32.3	38.5	E
RB111	2					< 3.39	U	3	3.77	4.41	6.35	18.0	21.8	E
RB202	2					< 13.0	U	3					< 126	U
AG174	2					< 6.40	U	1					< 5.80	U
AGG	2					< 1.66	U	1					< 6.66	U
FB200	2					< 8.48	U	3					< 84.9	U
FB203	2					< 53.0	U	3					< 143	U
All Snohomish CB Locations	3					< 3.94	U	6	3.89	7.00	25.9	38.9	93.3	E
All Snohomish RB Locations	4					< 7.23	U	6	2.40	4.61	16.0	26.7	48.5	E
All Snohomish AG Locations	4					< 4.27	U	2					< 6.51	U
All Snohomish FB Locations	4					< 50.6	U	6					< 145	U
All Snohomish Locations	15					< 33.7	U	20	2.94	5.66	20.4	32.1	73.5	E
Puyallup Watershed														
CBA	2					< 3.91	U	3					< 109	U
CBB	1					< 0.863	U	3	3.26	6.29	15.4	17.8	18.6	E
RB53	2					< 2.36	U	3					< 23.1	U
RB209	2					< 3.14	U	3					< 30.5	U
AG143	2					< 2.49	U	1					< 6.91	U
AG62	2					< 4.34	U	1					< 10.2	U
FB130	2					< 13.7	U	3					< 98.5	U
FB372	2					< 3.51	U	3					< 74.4	U
All Puyallup CB Locations	3					< 2.69	U	6	4.72	4.72	23.5	27.0	45.0	E
All Puyallup RB Locations	4					< 2.82	U	6					< 28.4	U
All Puyallup AG Locations	4					< 3.72	U	2					< 9.01	U
All Puyallup FB Locations	4					< 5.02	U	6					< 78.9	U
All Puyallup Locations	15					< 3.54	U	20	3.53	3.53	16.1	26.1	37.0	E
All Monitoring Locations Combined														
All CB Locations	6					< 3.05	U	12	2.71	5.70	26.6	31.2	65.2	E
All RB Locations	8					< 5.06	U	12	1.54	3.26	14.9	23.3	31.0	E
All AG Locations	8					< 4.13	U	4					< 7.66	U
All FB Locations	8					< 41.8	U	12					< 139	U
All Locations	30					< 23.1	U	40	2.34	5.11	23.4	28.0	58.4	E

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-206. Absolute and unit area toxic chemical loading estimates for PCB-016-032 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 6.09	U	3	22.8	26.6	38.1	42.0	43.2	E
CBX	1					< 1.85	U	3	3.73	12.4	38.5	39.1	39.3	E
RB111	2					< 3.39	U	3	3.77	7.99	20.6	21.5	21.8	E
RB202	2					< 13.0	U	3	3.13	5.82	13.9	27.2	31.6	E
AG174	2					< 6.40	U	1					< 5.80	U
AGG	2					< 1.66	U	1					< 6.66	U
FB200	2					< 8.48	U	3					< 84.9	U
FB203	2					< 16.2	U	3	3.62	4.79	8.30	30.1	37.4	E
All Snohomish CB Locations	3					< 3.94	U	6	3.77	22.6	38.3	39.7	42.8	E
All Snohomish RB Locations	4					< 7.23	U	6	2.40	4.61	17.5	25.2	26.7	E
All Snohomish AG Locations	4					< 4.27	U	2					< 6.51	U
All Snohomish FB Locations	4					< 15.5	U	6	3.47	3.51	21.9	35.8	72.3	E
All Snomomish Locations	15					< 11.4	U	20	2.94	5.81	23.7	30.9	61.2	E
Puyallup Watershed														
CBA	2					< 3.91	U	3	15.2	16.7	21.2	46.0	54.3	
CBB	1					< 0.863	U	3	8.07	9.24	12.7	26.5	31.0	
RB53	2					< 2.36	U	3	1.21	1.43	2.07	9.16	11.5	E
RB209	2					< 3.14	U	3	1.68	1.82	2.24	12.0	15.2	E
AG143	2					< 2.49	U	1			8.55			
AG62	2					< 4.34	U	1			18.9			
FB130	2					< 13.7	U	3	14.8	15.9	19.2	41.8	49.3	
FB372	2					< 3.51	U	3	8.79	10.1	13.9	31.4	37.2	
All Puyallup CB Locations	3					< 2.69	U	6	11.7	12.6	18.0	45.0	45.0	
All Puyallup RB Locations	4					< 2.82	U	6	1.49	1.49	2.27	13.5	14.2	E
All Puyallup AG Locations	4					< 3.72	U	2	11.2		13.9		16.7	
All Puyallup FB Locations	4					< 5.02	U	6	9.32	10.8	14.3	35.8	39.4	
All Puyallup Locations	15					< 3.54	U	20	3.53	8.75	13.1	32.8	37.0	
All Monitoring Locations Combined														
All CB Locations	6					< 3.05	U	12	2.63	15.5	24.3	28.8	54.3	E
All RB Locations	8					< 5.06	U	12	1.54	3.26	6.21	16.6	31.0	E
All AG Locations	8					< 4.13	U	4	3.47	3.65	6.66	11.9	14.2	E
All FB Locations	8					< 13.5	U	12	3.03	11.7	25.3	47.3	69.5	E
All Locations	30					< 7.82	U	40	2.34	6.08	19.0	25.1	53.5	E

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-207. Absolute and unit area toxic chemical loading estimates for PCB-017 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 6.09	U	3	13.4	16.5	25.9	35.1	38.1	E
CBX	1					< 1.85	U	3	3.73	8.77	23.9	34.8	38.5	E
RB111	2					< 3.39	U	3	3.77	6.30	13.9	19.8	21.8	E
RB202	2					< 13.0	U	3	3.13	4.72	9.48	26.1	31.6	E
AG174	2					< 6.40	U	1					< 5.80	U
AGG	2					< 1.66	U	1					< 6.66	U
FB200	2					< 8.48	U	3					< 84.9	U
FB203	2					< 16.2	U	3					< 143	U
All Snohomish CB Locations	3					< 3.94	U	6	3.77	13.2	24.9	37.7	38.9	E
All Snohomish RB Locations	4					< 7.23	U	6	2.40	4.61	12.1	24.3	26.7	E
All Snohomish AG Locations	4					< 4.27	U	2					< 6.51	U
All Snohomish FB Locations	4					< 15.5	U	6					< 145	U
All Snohomish Locations	15					< 11.4	U	20	2.94	5.81	19.6	30.5	61.2	E
Puyallup Watershed														
CBA	2					< 3.91	U	3	11.4	11.4	11.4	43.6	54.3	
CBB	1					< 0.863	U	3	4.04	4.81	7.14	16.9	20.2	
RB53	2					< 2.36	U	3	1.15	1.17	1.21	8.95	11.5	E
RB209	2					< 3.14	U	3	1.68	1.74	1.92	11.9	15.2	E
AG143	2					< 2.49	U	1			10.9			
AG62	2					< 4.34	U	1			14.6			
FB130	2					< 13.7	U	3	11.3	11.8	13.3	40.3	49.3	
FB372	2					< 3.51	U	3	7.77	8.20	9.46	30.3	37.2	
All Puyallup CB Locations	3					< 2.69	U	6	5.85	9.45	9.90	29.2	45.0	
All Puyallup RB Locations	4					< 2.82	U	6	1.42	1.49	1.60	13.5	14.2	E
All Puyallup AG Locations	4					< 3.72	U	2	12.9		13.5		14.2	
All Puyallup FB Locations	4					< 5.02	U	6	8.24	8.24	9.86	35.8	39.4	
All Puyallup Locations	15					< 3.54	U	20	3.36	5.72	8.41	26.9	37.0	
All Monitoring Locations Combined														
All CB Locations	6					< 3.05	U	12	2.63	10.3	14.7	26.7	54.3	E
All RB Locations	8					< 5.06	U	12	1.54	3.18	4.19	16.3	31.0	E
All AG Locations	8					< 4.13	U	4	3.47	3.65	7.39	11.5	12.0	E
All FB Locations	8					< 13.5	U	12	3.03	14.5	24.5	61.6	69.5	E
All Locations	30					< 7.82	U	40	2.34	5.47	13.4	24.3	53.5	E

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-208. Absolute and unit area toxic chemical loading estimates for PCB-018 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 6.09	U	3					< 189	U
CBX	1					< 1.85	U	3	3.73	12.4	38.5	39.1	39.3	E
RB111	2					< 3.39	U	3	3.77	8.29	21.8	30.8	33.7	E
RB202	2					< 13.0	U	3	3.13	5.98	14.5	27.3	31.6	E
AG174	2					< 6.40	U	1					< 5.80	U
AGG	2					< 1.66	U	1					< 6.66	U
FB200	2					< 8.48	U	3	2.06	2.61	4.24	16.8	21.0	E
FB203	2					< 16.2	U	3	3.62	4.98	9.05	30.3	37.4	E
All Snohomish CB Locations	3					< 3.94	U	6	3.77	18.7	38.3	39.7	93.3	E
All Snohomish RB Locations	4					< 7.23	U	6	2.40	4.61	17.7	26.7	41.2	E
All Snohomish AG Locations	4					< 4.27	U	2					< 6.51	U
All Snohomish FB Locations	4					< 15.5	U	6	3.47	3.51	7.95	35.8	35.8	E
All Snohomish Locations	15					< 11.4	U	20	2.94	5.81	14.4	30.6	73.5	E
Puyallup Watershed														
CBA	2					< 3.91	U	3	15.7	18.2	25.5	47.1	54.3	
CBB	1					< 0.863	U	3	7.45	7.92	9.31	26.8	32.6	
RB53	2					< 2.36	U	3	1.21	1.66	3.00	9.39	11.5	E
RB209	2					< 3.14	U	3	1.68	1.98	2.89	12.1	15.2	E
AG143	2					< 2.49	U	1			11.5			
AG62	2					< 4.34	U	1			18.5			
FB130	2					< 13.7	U	3	14.3	17.0	25.1	43.2	49.3	
FB372	2					< 3.51	U	3	9.13	12.0	20.6	33.0	37.2	
All Puyallup CB Locations	3					< 2.69	U	6	10.8	13.0	17.3	45.0	47.2	
All Puyallup RB Locations	4					< 2.82	U	6	1.49	1.49	3.12	13.5	14.2	E
All Puyallup AG Locations	4					< 3.72	U	2	15.0		15.7		16.3	
All Puyallup FB Locations	4					< 5.02	U	6	9.68	10.4	20.1	35.8	39.4	
All Puyallup Locations	15					< 3.54	U	20	3.53	8.92	12.3	32.8	37.0	
All Monitoring Locations Combined														
All CB Locations	6					< 3.05	U	12	2.63	14.4	25.9	41.0	65.2	E
All RB Locations	8					< 5.06	U	12	1.54	3.26	7.60	21.7	31.0	E
All AG Locations	8					< 4.13	U	4	3.47	3.65	8.30	13.3	13.9	E
All FB Locations	8					< 13.5	U	12	3.03	6.95	24.8	35.4	69.5	E
All Locations	30					< 7.82	U	40	2.34	5.47	15.8	25.8	58.4	E

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-209. Absolute and unit area toxic chemical loading estimates for PCB-019 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 6.09	U	3	4.32	5.60	9.43	30.9	38.1	E
CBX	1					< 1.85	U	3	3.73	5.11	9.24	31.2	38.5	E
RB111	2					< 3.39	U	3	3.77	3.92	4.37	17.5	21.8	E
RB202	2					< 13.0	U	3					< 126	U
AG174	2					< 6.40	U	1					< 5.80	U
AGG	2					< 1.66	U	1					< 6.66	U
FB200	2					< 8.48	U	3					< 84.9	U
FB203	2					< 16.2	U	3					< 143	U
All Snohomish CB Locations	3					< 3.94	U	6	3.77	4.28	9.33	37.7	38.9	E
All Snohomish RB Locations	4					< 7.23	U	6	2.40	4.61	14.8	26.7	48.5	E
All Snohomish AG Locations	4					< 4.27	U	2					< 6.51	U
All Snohomish FB Locations	4					< 15.5	U	6					< 145	U
All Snohomish Locations	15					< 11.4	U	20	2.94	4.59	7.35	30.6	61.2	E
Puyallup Watershed														
CBA	2					< 3.91	U	3					< 109	U
CBB	1					< 0.863	U	3	3.26	5.78	13.3	14.9	15.4	E
RB53	2					< 2.36	U	3					< 23.1	U
RB209	2					< 3.14	U	3					< 30.5	U
AG143	2					< 2.49	U	1					< 6.91	U
AG62	2					< 4.34	U	1					< 10.2	U
FB130	2					< 13.7	U	3					< 98.5	U
FB372	2					< 3.51	U	3	3.38	3.42	3.55	28.8	37.2	E
All Puyallup CB Locations	3					< 2.69	U	6	4.72	4.72	20.8	24.7	45.0	E
All Puyallup RB Locations	4					< 2.82	U	6					< 28.4	U
All Puyallup AG Locations	4					< 3.72	U	2					< 9.01	U
All Puyallup FB Locations	4					< 5.02	U	6	3.58	3.76	10.7	35.8	39.4	E
All Puyallup Locations	15					< 3.54	U	20	3.36	3.53	15.3	25.2	37.0	E
All Monitoring Locations Combined														
All CB Locations	6					< 3.05	U	12	2.63	5.70	14.9	27.0	54.3	E
All RB Locations	8					< 5.06	U	12	1.54	3.26	14.9	23.3	31.0	E
All AG Locations	8					< 4.13	U	4					< 7.66	U
All FB Locations	8					< 13.5	U	12	3.03	6.48	31.1	61.6	69.5	E
All Locations	30					< 7.82	U	40	2.34	5.11	13.4	25.5	53.5	E

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-210. Absolute and unit area toxic chemical loading estimates for PCB-020-021-033 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 6.09	U	3					< 189	U
CBX	1					< 1.85	U	3	3.73	5.69	11.5	31.8	38.5	E
RB111	2					< 3.39	U	3	3.77	6.20	13.5	19.7	21.8	E
RB202	2					< 13.0	U	3	3.13	4.08	6.95	25.4	31.6	E
AG174	2					< 6.40	U	1					< 5.80	U
AGG	2					< 1.66	U	1					< 6.66	U
FB200	2					< 8.48	U	3					< 84.9	U
FB203	2					< 16.2	U	3					< 143	U
All Snohomish CB Locations	3					< 3.94	U	6	3.77	11.7	25.9	38.9	93.3	E
All Snohomish RB Locations	4					< 7.23	U	6	2.40	4.61	10.9	24.3	26.7	E
All Snohomish AG Locations	4					< 4.27	U	2					< 6.51	U
All Snohomish FB Locations	4					< 15.5	U	6					< 145	U
All Snohomish Locations	15					< 11.4	U	20	2.94	5.81	15.9	30.6	73.5	E
Puyallup Watershed														
CBA	2					< 3.91	U	3	14.7	14.9	15.7	44.6	54.3	
CBB	1					< 0.863	U	3	7.45	8.54	11.8	20.4	23.3	
RB53	2					< 2.36	U	3	1.21	1.25	1.38	8.99	11.5	E
RB209	2					< 3.14	U	3	1.68	1.70	1.76	11.9	15.2	E
AG143	2					< 2.49	U	1			7.24			
AG62	2					< 4.34	U	1			12.6			
FB130	2					< 13.7	U	3	11.3	11.7	12.8	40.2	49.3	
FB372	2					< 3.51	U	3	3.55	5.37	10.8	30.6	37.2	E
All Puyallup CB Locations	3					< 2.69	U	6	10.8	12.1	15.1	33.7	45.0	
All Puyallup RB Locations	4					< 2.82	U	6	1.49	1.49	1.63	13.5	14.2	E
All Puyallup AG Locations	4					< 3.72	U	2	9.44		10.3		11.2	
All Puyallup FB Locations	4					< 5.02	U	6	3.76	8.24	10.4	35.8	39.4	E
All Puyallup Locations	15					< 3.54	U	20	3.53	5.72	8.92	28.6	37.0	
All Monitoring Locations Combined														
All CB Locations	6					< 3.05	U	12	2.63	11.4	18.2	33.9	65.2	E
All RB Locations	8					< 5.06	U	12	1.54	3.26	3.57	16.3	31.0	E
All AG Locations	8					< 4.13	U	4	3.47	3.65	5.93	8.76	9.49	E
All FB Locations	8					< 13.5	U	12	3.03	10.6	25.8	61.6	69.5	E
All Locations	30					< 7.82	U	40	2.34	5.23	12.9	25.5	58.4	E

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-211. Absolute and unit area toxic chemical loading estimates for PCB-022 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 6.09	U	3					< 189	U
CBX	1					< 1.85	U	3	3.73	5.30	10.0	31.4	38.5	E
RB111	2					< 3.39	U	3	3.77	4.81	7.94	18.4	21.8	E
RB202	2					< 13.0	U	3					< 126	U
AG174	2					< 6.40	U	1					< 5.80	U
AGG	2					< 1.66	U	1					< 6.66	U
FB200	2					< 8.48	U	3					< 84.9	U
FB203	2					< 16.2	U	3					< 143	U
All Snohomish CB Locations	3					< 3.94	U	6	3.77	7.78	23.9	38.9	93.3	E
All Snohomish RB Locations	4					< 7.23	U	6	2.40	4.61	17.0	26.7	48.5	E
All Snohomish AG Locations	4					< 4.27	U	2					< 6.51	U
All Snohomish FB Locations	4					< 15.5	U	6					< 145	U
All Snohomish Locations	15					< 11.4	U	20	2.94	5.81	21.0	32.1	73.5	E
Puyallup Watershed														
CBA	2					< 3.91	U	3	5.70	6.85	10.3	43.3	54.3	E
CBB	1					< 0.863	U	3	4.97	5.90	8.69	13.8	15.5	E
RB53	2					< 2.36	U	3					< 23.1	U
RB209	2					< 3.14	U	3					< 30.5	U
AG143	2					< 2.49	U	1					< 6.91	U
AG62	2					< 4.34	U	1					< 10.2	U
FB130	2					< 13.7	U	3					< 98.5	U
FB372	2					< 3.51	U	3	3.55	4.18	6.08	29.4	37.2	E
All Puyallup CB Locations	3					< 2.69	U	6	4.72	7.20	10.6	22.5	45.0	E
All Puyallup RB Locations	4					< 2.82	U	6					< 28.4	U
All Puyallup AG Locations	4					< 3.72	U	2					< 9.01	U
All Puyallup FB Locations	4					< 5.02	U	6	3.76	3.76	12.0	35.8	39.4	E
All Puyallup Locations	15					< 3.54	U	20	3.53	3.53	7.91	24.4	37.0	E
All Monitoring Locations Combined														
All CB Locations	6					< 3.05	U	12	2.63	6.38	12.8	27.1	65.2	E
All RB Locations	8					< 5.06	U	12	1.54	3.26	14.9	23.3	31.0	E
All AG Locations	8					< 4.13	U	4					< 7.66	U
All FB Locations	8					< 13.5	U	12	3.03	6.64	31.1	61.6	69.5	E
All Locations	30					< 7.82	U	40	2.34	5.11	11.7	25.5	58.4	E

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-212. Absolute and unit area toxic chemical loading estimates for PCB-023 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 6.09	U	3					< 189	U
CBX	1					< 1.85	U	3					< 154	U
RB111	2					< 3.39	U	3					< 75.4	U
RB202	2					< 13.0	U	3					< 126	U
AG174	2					< 6.40	U	1					< 5.80	U
AGG	2					< 1.66	U	1					< 6.66	U
FB200	2					< 8.48	U	3					< 84.9	U
FB203	2					< 16.2	U	3					< 143	U
All Snohomish CB Locations	3					< 3.94	U	6					< 187	U
All Snohomish RB Locations	4					< 7.23	U	6					< 97.0	U
All Snohomish AG Locations	4					< 4.27	U	2					< 6.51	U
All Snohomish FB Locations	4					< 15.5	U	6					< 145	U
All Snohomish Locations	15					< 11.4	U	20					< 147	U
Puyallup Watershed														
CBA	2					< 3.91	U	3					< 109	U
CBB	1					< 0.863	U	2					< 30.7	U
RB53	2					< 2.36	U	3					< 23.1	U
RB209	2					< 3.14	U	3					< 30.5	U
AG143	2					< 2.49	U	1					< 6.91	U
AG62	2					< 4.34	U	1					< 10.2	U
FB130	2					< 13.7	U	3					< 98.5	U
FB372	2					< 3.51	U	3					< 74.4	U
All Puyallup CB Locations	3					< 2.69	U	5					< 90.0	U
All Puyallup RB Locations	4					< 2.82	U	6					< 28.4	U
All Puyallup AG Locations	4					< 3.72	U	2					< 9.01	U
All Puyallup FB Locations	4					< 5.02	U	6					< 78.9	U
All Puyallup Locations	15					< 3.54	U	19					< 74.0	U
All Monitoring Locations Combined														
All CB Locations	6					< 3.05	U	11					< 130	U
All RB Locations	8					< 5.06	U	12					< 62.1	U
All AG Locations	8					< 4.13	U	4					< 7.66	U
All FB Locations	8					< 13.5	U	12					< 139	U
All Locations	30					< 7.82	U	39					< 117	U

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-213. Absolute and unit area toxic chemical loading estimates for PCB-024-027 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)													
Baseflow							Storm Event						
n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed													
CB335	2				< 6.09	U	3					< 189	U
CBX	1				< 1.85	U	3					< 154	U
RB111	2				< 3.39	U	3					< 75.4	U
RB202	2				< 13.0	U	3					< 126	U
AG174	2				< 6.40	U	1					< 5.80	U
AGG	2				< 1.66	U	1					< 6.66	U
FB200	2				< 8.48	U	3					< 84.9	U
FB203	2				< 16.2	U	3					< 143	U
All Snohomish CB Locations	3				< 3.94	U	6					< 187	U
All Snohomish RB Locations	4				< 7.23	U	6					< 97.0	U
All Snohomish AG Locations	4				< 4.27	U	2					< 6.51	U
All Snohomish FB Locations	4				< 15.5	U	6					< 145	U
All Snohomish Locations	15				< 11.4	U	20					< 147	U
Puyallup Watershed													
CBA	2				< 3.91	U	3					< 109	U
CBB	1				< 0.863	U	3	3.26	4.15	6.83	13.2	15.4	E
RB53	2				< 2.36	U	3					< 23.1	U
RB209	2				< 3.14	U	3					< 30.5	U
AG143	2				< 2.49	U	1					< 6.91	U
AG62	2				< 4.34	U	1					< 10.2	U
FB130	2				< 13.7	U	3					< 98.5	U
FB372	2				< 3.51	U	3					< 74.4	U
All Puyallup CB Locations	3				< 2.69	U	6	4.72	4.72	16.1	24.7	45.0	E
All Puyallup RB Locations	4				< 2.82	U	6					< 28.4	U
All Puyallup AG Locations	4				< 3.72	U	2					< 9.01	U
All Puyallup FB Locations	4				< 5.02	U	6					< 78.9	U
All Puyallup Locations	15				< 3.54	U	20	3.53	3.53	16.1	25.2	37.0	E
All Monitoring Locations Combined													
All CB Locations	6				< 3.05	U	12	2.63	5.70	26.6	42.1	65.2	E
All RB Locations	8				< 5.06	U	12					< 62.1	U
All AG Locations	8				< 4.13	U	4					< 7.66	U
All FB Locations	8				< 13.5	U	12					< 139	U
All Locations	30				< 7.82	U	40	2.34	5.11	23.5	46.2	58.4	E

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-214. Absolute and unit area toxic chemical loading estimates for PCB-025 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 6.09	U	3					< 189	U
CBX	1					< 1.85	U	3					< 154	U
RB111	2					< 3.39	U	3					< 75.4	U
RB202	2					< 13.0	U	3					< 126	U
AG174	2					< 6.40	U	1					< 5.80	U
AGG	2					< 1.66	U	1					< 6.66	U
FB200	2					< 8.48	U	3					< 84.9	U
FB203	2					< 16.2	U	3					< 143	U
All Snohomish CB Locations	3					< 3.94	U	6					< 187	U
All Snohomish RB Locations	4					< 7.23	U	6					< 97.0	U
All Snohomish AG Locations	4					< 4.27	U	2					< 6.51	U
All Snohomish FB Locations	4					< 15.5	U	6					< 145	U
All Snohomish Locations	15					< 11.4	U	20					< 147	U
Puyallup Watershed														
CBA	2					< 3.91	U	3					< 109	U
CBB	1					< 0.863	U	3	3.26	4.62	8.69	13.7	15.4	E
RB53	2					< 2.36	U	3					< 23.1	U
RB209	2					< 3.14	U	3					< 30.5	U
AG143	2					< 2.49	U	1					< 6.91	U
AG62	2					< 4.34	U	1					< 10.2	U
FB130	2					< 13.7	U	3					< 98.5	U
FB372	2					< 3.51	U	3					< 74.4	U
All Puyallup CB Locations	3					< 2.69	U	6	4.72	4.72	17.4	24.7	45.0	E
All Puyallup RB Locations	4					< 2.82	U	6					< 28.4	U
All Puyallup AG Locations	4					< 3.72	U	2					< 9.01	U
All Puyallup FB Locations	4					< 5.02	U	6					< 78.9	U
All Puyallup Locations	15					< 3.54	U	20	3.53	3.53	16.1	25.2	37.0	E
All Monitoring Locations Combined														
All CB Locations	6					< 3.05	U	12	2.63	5.70	26.6	42.1	65.2	E
All RB Locations	8					< 5.06	U	12					< 62.1	U
All AG Locations	8					< 4.13	U	4					< 7.66	U
All FB Locations	8					< 13.5	U	12					< 139	U
All Locations	30					< 7.82	U	40	2.34	5.11	23.5	46.2	58.4	E

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-215. Absolute and unit area toxic chemical loading estimates for PCB-026 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 6.09	U	3	7.07	7.27	7.86	30.5	38.1	E
CBX	1					< 1.85	U	3					< 154	U
RB111	2					< 3.39	U	3	3.77	3.92	4.37	17.5	21.8	E
RB202	2					< 13.0	U	3					< 126	U
AG174	2					< 6.40	U	1					< 5.80	U
AGG	2					< 1.66	U	1					< 6.66	U
FB200	2					< 8.48	U	3					< 84.9	U
FB203	2					< 16.2	U	3					< 143	U
All Snohomish CB Locations	3					< 3.94	U	6	3.77	7.00	22.8	38.9	77.8	E
All Snohomish RB Locations	4					< 7.23	U	6	2.40	4.61	14.8	26.7	48.5	E
All Snohomish AG Locations	4					< 4.27	U	2					< 6.51	U
All Snohomish FB Locations	4					< 15.5	U	6					< 145	U
All Snohomish Locations	15					< 11.4	U	20	2.94	5.66	18.2	32.1	61.2	E
Puyallup Watershed														
CBA	2					< 3.91	U	3					< 109	U
CBB	1					< 0.863	U	3	3.26	6.09	14.6	15.2	15.4	E
RB53	2					< 2.36	U	3					< 23.1	U
RB209	2					< 3.14	U	3					< 30.5	U
AG143	2					< 2.49	U	1					< 6.91	U
AG62	2					< 4.34	U	1					< 10.2	U
FB130	2					< 13.7	U	3					< 98.5	U
FB372	2					< 3.51	U	3					< 74.4	U
All Puyallup CB Locations	3					< 2.69	U	6	4.72	4.72	21.7	24.7	45.0	E
All Puyallup RB Locations	4					< 2.82	U	6					< 28.4	U
All Puyallup AG Locations	4					< 3.72	U	2					< 9.01	U
All Puyallup FB Locations	4					< 5.02	U	6					< 78.9	U
All Puyallup Locations	15					< 3.54	U	20	3.53	3.53	16.1	25.2	37.0	E
All Monitoring Locations Combined														
All CB Locations	6					< 3.05	U	12	2.63	5.57	25.9	28.5	54.3	E
All RB Locations	8					< 5.06	U	12	1.54	3.26	14.9	23.3	31.0	E
All AG Locations	8					< 4.13	U	4					< 7.66	U
All FB Locations	8					< 13.5	U	12					< 139	U
All Locations	30					< 7.82	U	40	2.34	5.11	23.2	26.8	53.5	E

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-216. Absolute and unit area toxic chemical loading estimates for PCB-028 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 6.09	U	3					< 189	U
CBX	1					< 1.85	U	3	7.70	13.1	29.3	36.2	38.5	E
RB111	2					< 3.39	U	3	3.77	6.90	16.3	20.4	21.8	E
RB202	2					< 13.0	U	3	3.13	5.35	12.0	26.7	31.6	E
AG174	2					< 6.40	U	1					< 5.80	U
AGG	2					< 1.66	U	1					< 6.66	U
FB200	2					< 8.48	U	3					< 84.9	U
FB203	2					< 16.2	U	3					< 143	U
All Snohomish CB Locations	3					< 3.94	U	6	7.78	19.1	33.6	38.9	93.3	E
All Snohomish RB Locations	4					< 7.23	U	6	2.40	4.61	14.6	24.3	26.7	E
All Snohomish AG Locations	4					< 4.27	U	2					< 6.51	U
All Snohomish FB Locations	4					< 15.5	U	6					< 145	U
All Snomomish Locations	15					< 11.4	U	20	2.94	5.97	24.2	30.6	73.5	E
Puyallup Watershed														
CBA	2	1.96		2.32		2.68	E	3	9.23	11.7	19.0	22.7	23.9	
CBB	1					< 0.863	U	3	8.38	10.6	17.1	74.1	93.1	
RB53	2	1.12		1.21		1.30	E	3	1.73	1.93	2.54	9.28	11.5	
RB209	2					< 3.14	U	3	1.68	1.70	1.76	11.9	15.2	E
AG143	2					< 2.49	U	1			10.9			
AG62	2					< 4.34	U	1			14.6			
FB130	2					< 13.7	U	3	11.3	11.6	12.3	40.0	49.3	
FB372	2					< 3.51	U	3	3.55	5.03	9.46	30.3	37.2	E
All Puyallup CB Locations	3	1.35	1.35	1.35	1.72	1.84	E	6	7.65	12.1	17.8	24.7	135	
All Puyallup RB Locations	4	1.34	1.38	1.41	1.48	1.55	E	6	1.49	1.56	2.63	13.5	14.2	E
All Puyallup AG Locations	4					< 3.72	U	2	12.9		13.5		14.2	
All Puyallup FB Locations	4					< 5.02	U	6	3.76	8.24	9.50	35.8	39.4	E
All Puyallup Locations	15	1.60	1.60	1.68	1.68	2.19	E	20	3.53	6.56	9.76	25.2	101	
All Monitoring Locations Combined														
All CB Locations	6	1.52	1.52	1.52	1.52	2.09	E	12	5.43	14.0	22.3	28.5	163	
All RB Locations	8	2.29	2.35	2.41	2.47	2.65	E	12	1.54	3.34	6.36	16.3	31.0	E
All AG Locations	8					< 4.13	U	4	3.47	3.65	7.39	11.5	12.0	E
All FB Locations	8					< 13.5	U	12	3.03	10.6	24.5	61.6	69.5	E
All Locations	30	3.54	3.54	3.54	3.72	4.84	E	40	2.34	6.33	15.3	25.5	146	E

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-217. Absolute and unit area toxic chemical loading estimates for PCB-029 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 6.09	U	3					< 189	U
CBX	1					< 1.85	U	3					< 154	U
RB111	2					< 3.39	U	3					< 75.4	U
RB202	2					< 13.0	U	3					< 126	U
AG174	2					< 6.40	U	1					< 5.80	U
AGG	2					< 1.66	U	1					< 6.66	U
FB200	2					< 8.48	U	3					< 84.9	U
FB203	2					< 16.2	U	3					< 143	U
All Snohomish CB Locations	3					< 3.94	U	6					< 187	U
All Snohomish RB Locations	4					< 7.23	U	6					< 97.0	U
All Snohomish AG Locations	4					< 4.27	U	2					< 6.51	U
All Snohomish FB Locations	4					< 15.5	U	6					< 145	U
All Snohomish Locations	15					< 11.4	U	20					< 147	U
Puyallup Watershed														
CBA	2					< 3.91	U	3					< 109	U
CBB	1					< 0.863	U	2					< 30.7	U
RB53	2					< 2.36	U	3					< 23.1	U
RB209	2					< 3.14	U	3					< 30.5	U
AG143	2					< 2.49	U	1					< 6.91	U
AG62	2					< 4.34	U	1					< 10.2	U
FB130	2					< 13.7	U	3					< 98.5	U
FB372	2					< 3.51	U	3					< 74.4	U
All Puyallup CB Locations	3					< 2.69	U	5					< 90.0	U
All Puyallup RB Locations	4					< 2.82	U	6					< 28.4	U
All Puyallup AG Locations	4					< 3.72	U	2					< 9.01	U
All Puyallup FB Locations	4					< 5.02	U	6					< 78.9	U
All Puyallup Locations	15					< 3.54	U	19					< 74.0	U
All Monitoring Locations Combined														
All CB Locations	6					< 3.05	U	11					< 130	U
All RB Locations	8					< 5.06	U	12					< 62.1	U
All AG Locations	8					< 4.13	U	4					< 7.66	U
All FB Locations	8					< 13.5	U	12					< 139	U
All Locations	30					< 7.82	U	39					< 117	U

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-218. Absolute and unit area toxic chemical loading estimates for PCB-030 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)													
Baseflow							Storm Event						
n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed													
CB335	2				< 6.09	U	3					< 189	U
CBX	1				< 1.85	U	3					< 154	U
RB111	2				< 3.39	U	3					< 75.4	U
RB202	2				< 13.0	U	3					< 126	U
AG174	2				< 6.40	U	1					< 5.80	U
AGG	2				< 1.66	U	1					< 6.66	U
FB200	2				< 8.48	U	3					< 84.9	U
FB203	2				< 16.2	U	3					< 143	U
All Snohomish CB Locations	3				< 3.94	U	6					< 187	U
All Snohomish RB Locations	4				< 7.23	U	6					< 97.0	U
All Snohomish AG Locations	4				< 4.27	U	2					< 6.51	U
All Snohomish FB Locations	4				< 15.5	U	6					< 145	U
All Snohomish Locations	15				< 11.4	U	20					< 147	U
Puyallup Watershed													
CBA	2				< 3.91	U	3					< 109	U
CBB	1				< 0.863	U	2					< 30.7	U
RB53	2				< 2.36	U	3					< 23.1	U
RB209	2				< 3.14	U	3					< 30.5	U
AG143	2				< 2.49	U	1					< 6.91	U
AG62	2				< 4.34	U	1					< 10.2	U
FB130	2				< 13.7	U	3					< 98.5	U
FB372	2				< 3.51	U	3					< 74.4	U
All Puyallup CB Locations	3				< 2.69	U	5					< 90.0	U
All Puyallup RB Locations	4				< 2.82	U	6					< 28.4	U
All Puyallup AG Locations	4				< 3.72	U	2					< 9.01	U
All Puyallup FB Locations	4				< 5.02	U	6					< 78.9	U
All Puyallup Locations	15				< 3.54	U	19					< 74.0	U
All Monitoring Locations Combined													
All CB Locations	6				< 3.05	U	11					< 130	U
All RB Locations	8				< 5.06	U	12					< 62.1	U
All AG Locations	8				< 4.13	U	4					< 7.66	U
All FB Locations	8				< 13.5	U	12					< 139	U
All Locations	30				< 7.82	U	39					< 117	U

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-219. Absolute and unit area toxic chemical loading estimates for PCB-031 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 6.09	U	3					< 189	U
CBX	1					< 1.85	U	3	6.54	11.6	26.9	35.6	38.5	E
RB111	2					< 3.39	U	3	3.77	6.99	16.7	20.5	21.8	E
RB202	2					< 13.0	U	3	3.13	4.87	10.1	26.2	31.6	E
AG174	2					< 6.40	U	1					< 5.80	U
AGG	2					< 1.66	U	1					< 6.66	U
FB200	2					< 8.48	U	3					< 84.9	U
FB203	2					< 16.2	U	3					< 143	U
All Snohomish CB Locations	3					< 3.94	U	6	6.61	27.2	33.1	38.9	93.3	E
All Snohomish RB Locations	4					< 7.23	U	6	2.40	4.61	14.1	24.3	26.7	E
All Snohomish AG Locations	4					< 4.27	U	2					< 6.51	U
All Snohomish FB Locations	4					< 15.5	U	6					< 145	U
All Snohomish Locations	15					< 11.4	U	20	2.94	5.81	24.0	30.6	73.5	E
Puyallup Watershed														
CBA	2	1.96		2.52		3.09	E	3	8.14	10.9	19.0	23.9	25.5	
CBB	1					< 0.863	U	3	9.00	11.3	18.3	74.4	93.1	
RB53	2					< 2.36	U	3	1.96	2.05	2.31	9.22	11.5	
RB209	2					< 3.14	U	3	1.68	1.70	1.76	11.9	15.2	E
AG143	2					< 2.49	U	1			13.8			
AG62	2					< 4.34	U	1			19.4			
FB130	2					< 13.7	U	3	13.3	13.8	15.3	40.8	49.3	
FB372	2					< 3.51	U	3	9.46	10.1	12.2	30.9	37.2	
All Puyallup CB Locations	3	1.35	1.35	1.35	1.93	2.13	E	6	6.75	13.0	18.4	26.5	135	
All Puyallup RB Locations	4					< 2.82	U	6	1.49	1.56	2.63	13.5	14.2	E
All Puyallup AG Locations	4					< 3.72	U	2	17.2		17.6		18.0	
All Puyallup FB Locations	4					< 5.02	U	6	9.68	10.0	12.0	35.8	39.4	
All Puyallup Locations	15	1.60	1.60	1.68	1.68	2.53	E	20	3.53	7.91	11.9	25.9	101	
All Monitoring Locations Combined														
All CB Locations	6	1.52	1.52	1.52	1.52	2.41	E	12	4.62	17.4	22.7	29.6	163	
All RB Locations	8					< 5.06	U	12	1.54	3.34	5.74	16.3	31.0	E
All AG Locations	8					< 4.13	U	4	3.47	3.65	9.21	15.0	15.3	E
All FB Locations	8					< 13.5	U	12	3.03	17.4	27.0	61.6	69.5	E
All Locations	30	3.54	3.54	3.54	3.72	5.59	E	40	2.34	7.54	17.6	25.5	146	E

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-220. Absolute and unit area toxic chemical loading estimates for PCB-034 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 6.09	U	3					< 189	U
CBX	1					< 1.85	U	3					< 154	U
RB111	2					< 3.39	U	3					< 75.4	U
RB202	2					< 13.0	U	3					< 126	U
AG174	2					< 6.40	U	1					< 5.80	U
AGG	2					< 1.66	U	1					< 6.66	U
FB200	2					< 8.48	U	3					< 84.9	U
FB203	2					< 16.2	U	3					< 143	U
All Snohomish CB Locations	3					< 3.94	U	6					< 187	U
All Snohomish RB Locations	4					< 7.23	U	6					< 97.0	U
All Snohomish AG Locations	4					< 4.27	U	2					< 6.51	U
All Snohomish FB Locations	4					< 15.5	U	6					< 145	U
All Snohomish Locations	15					< 11.4	U	20					< 147	U
Puyallup Watershed														
CBA	2					< 3.91	U	3					< 109	U
CBB	1					< 0.863	U	2					< 30.7	U
RB53	2					< 2.36	U	3					< 23.1	U
RB209	2					< 3.14	U	3					< 30.5	U
AG143	2					< 2.49	U	1					< 6.91	U
AG62	2					< 4.34	U	1					< 10.2	U
FB130	2					< 13.7	U	3					< 98.5	U
FB372	2					< 3.51	U	3					< 74.4	U
All Puyallup CB Locations	3					< 2.69	U	5					< 90.0	U
All Puyallup RB Locations	4					< 2.82	U	6					< 28.4	U
All Puyallup AG Locations	4					< 3.72	U	2					< 9.01	U
All Puyallup FB Locations	4					< 5.02	U	6					< 78.9	U
All Puyallup Locations	15					< 3.54	U	19					< 74.0	U
All Monitoring Locations Combined														
All CB Locations	6					< 3.05	U	11					< 130	U
All RB Locations	8					< 5.06	U	12					< 62.1	U
All AG Locations	8					< 4.13	U	4					< 7.66	U
All FB Locations	8					< 13.5	U	12					< 139	U
All Locations	30					< 7.82	U	39					< 117	U

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-221. Absolute and unit area toxic chemical loading estimates for PCB-035 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 6.09	U	3	7.86	15.4	38.1	80.3	94.3	E
CBX	1					< 1.85	U	3	38.5	40.8	47.7	69.7	77.0	E
RB111	2					< 3.39	U	3					< 75.4	U
RB202	2					< 13.0	U	3					< 126	U
AG174	2					< 6.40	U	1					< 5.80	U
AGG	2					< 1.66	U	1					< 6.66	U
FB200	2					< 8.48	U	3					< 84.9	U
FB203	2					< 16.2	U	3					< 143	U
All Snohomish CB Locations	3					< 3.94	U	6	7.78	37.7	43.6	77.8	93.3	E
All Snohomish RB Locations	4					< 7.23	U	6					< 97.0	U
All Snohomish AG Locations	4					< 4.27	U	2					< 6.51	U
All Snohomish FB Locations	4					< 15.5	U	6					< 145	U
All Snohomish Locations	15					< 11.4	U	20	2.94	5.97	30.5	58.1	73.5	E
Puyallup Watershed														
CBA	2					< 3.91	U	3					< 109	U
CBB	1					< 0.863	U	2					< 30.7	U
RB53	2					< 2.36	U	3					< 23.1	U
RB209	2					< 3.14	U	3					< 30.5	U
AG143	2					< 2.49	U	1					< 6.91	U
AG62	2					< 4.34	U	1					< 10.2	U
FB130	2					< 13.7	U	3					< 98.5	U
FB372	2					< 3.51	U	3					< 74.4	U
All Puyallup CB Locations	3					< 2.69	U	5					< 90.0	U
All Puyallup RB Locations	4					< 2.82	U	6					< 28.4	U
All Puyallup AG Locations	4					< 3.72	U	2					< 9.01	U
All Puyallup FB Locations	4					< 5.02	U	6					< 78.9	U
All Puyallup Locations	15					< 3.54	U	19					< 74.0	U
All Monitoring Locations Combined														
All CB Locations	6					< 3.05	U	11	5.43	10.9	27.1	49.1	65.2	E
All RB Locations	8					< 5.06	U	12					< 62.1	U
All AG Locations	8					< 4.13	U	4					< 7.66	U
All FB Locations	8					< 13.5	U	12					< 139	U
All Locations	30					< 7.82	U	39	2.34	5.11	23.8	46.2	58.4	E

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-222. Absolute and unit area toxic chemical loading estimates for PCB-036 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 6.09	U	3					< 189	U
CBX	1					< 1.85	U	3	9.24	16.6	38.5	67.4	77.0	E
RB111	2					< 3.39	U	3					< 75.4	U
RB202	2					< 13.0	U	3					< 126	U
AG174	2					< 6.40	U	1					< 5.80	U
AGG	2					< 1.66	U	1					< 6.66	U
FB200	2					< 8.48	U	3					< 84.9	U
FB203	2					< 16.2	U	3					< 143	U
All Snohomish CB Locations	3					< 3.94	U	6	3.89	9.33	38.3	77.8	93.3	E
All Snohomish RB Locations	4					< 7.23	U	6					< 97.0	U
All Snohomish AG Locations	4					< 4.27	U	2					< 6.51	U
All Snohomish FB Locations	4					< 15.5	U	6					< 145	U
All Snohomish Locations	15					< 11.4	U	20	2.94	5.81	30.3	58.1	73.5	E
Puyallup Watershed														
CBA	2					< 3.91	U	3					< 109	U
CBB	1					< 0.863	U	2					< 30.7	U
RB53	2					< 2.36	U	3					< 23.1	U
RB209	2					< 3.14	U	3					< 30.5	U
AG143	2					< 2.49	U	1					< 6.91	U
AG62	2					< 4.34	U	1					< 10.2	U
FB130	2					< 13.7	U	3					< 98.5	U
FB372	2					< 3.51	U	3					< 74.4	U
All Puyallup CB Locations	3					< 2.69	U	5					< 90.0	U
All Puyallup RB Locations	4					< 2.82	U	6					< 28.4	U
All Puyallup AG Locations	4					< 3.72	U	2					< 9.01	U
All Puyallup FB Locations	4					< 5.02	U	6					< 78.9	U
All Puyallup Locations	15					< 3.54	U	19					< 74.0	U
All Monitoring Locations Combined														
All CB Locations	6					< 3.05	U	11	2.71	5.91	26.9	48.2	65.2	E
All RB Locations	8					< 5.06	U	12					< 62.1	U
All AG Locations	8					< 4.13	U	4					< 7.66	U
All FB Locations	8					< 13.5	U	12					< 139	U
All Locations	30					< 7.82	U	39	2.34	5.11	23.6	46.2	58.4	E

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-223. Absolute and unit area toxic chemical loading estimates for PCB-037 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 6.09	U	3	9.43	16.3	36.9	80.0	94.3	
CBX	1					< 1.85	U	3					< 154	U
RB111	2					< 3.39	U	3					< 75.4	U
RB202	2					< 13.0	U	3					< 126	U
AG174	2					< 6.40	U	1					< 5.80	U
AGG	2					< 1.66	U	1					< 6.66	U
FB200	2					< 8.48	U	3					< 84.9	U
FB203	2					< 16.2	U	3					< 143	U
All Snohomish CB Locations	3					< 3.94	U	6	3.77	9.33	37.7	77.8	93.3	E
All Snohomish RB Locations	4					< 7.23	U	6					< 97.0	U
All Snohomish AG Locations	4					< 4.27	U	2					< 6.51	U
All Snohomish FB Locations	4					< 15.5	U	6					< 145	U
All Snohomish Locations	15					< 11.4	U	20	2.94	5.81	30.3	58.1	73.5	E
Puyallup Watershed														
CBA	2					< 3.91	U	3	7.60	7.87	8.68	10.3	10.9	
CBB	1					< 0.863	U	3	9.00	10.6	15.4	17.8	18.6	E
RB53	2					< 2.36	U	3					< 23.1	U
RB209	2					< 3.14	U	3					< 30.5	U
AG143	2					< 2.49	U	1					< 6.91	U
AG62	2					< 4.34	U	1					< 10.2	U
FB130	2					< 13.7	U	3					< 98.5	U
FB372	2					< 3.51	U	3					< 74.4	U
All Puyallup CB Locations	3					< 2.69	U	6	6.30	7.20	11.0	22.3	27.0	
All Puyallup RB Locations	4					< 2.82	U	6					< 28.4	U
All Puyallup AG Locations	4					< 3.72	U	2					< 9.01	U
All Puyallup FB Locations	4					< 5.02	U	6					< 78.9	U
All Puyallup Locations	15					< 3.54	U	20	3.53	3.53	12.9	18.4	37.0	E
All Monitoring Locations Combined														
All CB Locations	6					< 3.05	U	12	2.63	8.14	20.6	29.9	65.2	E
All RB Locations	8					< 5.06	U	12					< 62.1	U
All AG Locations	8					< 4.13	U	4					< 7.66	U
All FB Locations	8					< 13.5	U	12					< 139	U
All Locations	30					< 7.82	U	40	2.34	5.11	23.2	37.7	58.4	E

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-224. Absolute and unit area toxic chemical loading estimates for PCB-038 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 6.09	U	3					< 189	U
CBX	1					< 1.85	U	3					< 154	U
RB111	2					< 3.39	U	3					< 75.4	U
RB202	2					< 13.0	U	3					< 126	U
AG174	2					< 6.40	U	1					< 5.80	U
AGG	2					< 1.66	U	1					< 6.66	U
FB200	2					< 8.48	U	3					< 84.9	U
FB203	2	8.12		15.2		22.2	E	3					< 143	U
All Snohomish CB Locations	3					< 3.94	U	6					< 187	U
All Snohomish RB Locations	4					< 7.23	U	6					< 97.0	U
All Snohomish AG Locations	4					< 4.27	U	2					< 6.51	U
All Snohomish FB Locations	4	7.75	7.75	7.75	14.5	21.2	E	6					< 145	U
All Snohomish Locations	15	5.16	5.16	5.16	5.43	14.1	E	20					< 147	U
Puyallup Watershed														
CBA	2					< 3.91	U	3					< 109	U
CBB	1					< 0.863	U	2					< 30.7	U
RB53	2					< 2.36	U	3					< 23.1	U
RB209	2					< 3.14	U	3					< 30.5	U
AG143	2					< 2.49	U	1					< 6.91	U
AG62	2					< 4.34	U	1					< 10.2	U
FB130	2					< 13.7	U	3					< 98.5	U
FB372	2					< 3.51	U	3					< 74.4	U
All Puyallup CB Locations	3					< 2.69	U	5					< 90.0	U
All Puyallup RB Locations	4					< 2.82	U	6					< 28.4	U
All Puyallup AG Locations	4					< 3.72	U	2					< 9.01	U
All Puyallup FB Locations	4					< 5.02	U	6					< 78.9	U
All Puyallup Locations	15					< 3.54	U	19					< 74.0	U
All Monitoring Locations Combined														
All CB Locations	6					< 3.05	U	11					< 130	U
All RB Locations	8					< 5.06	U	12					< 62.1	U
All AG Locations	8					< 4.13	U	4					< 7.66	U
All FB Locations	8	6.41	6.41	6.41	6.58	17.5	E	12					< 139	U
All Locations	30	3.54	3.54	3.54	3.72	9.68	E	39					< 117	U

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-225. Absolute and unit area toxic chemical loading estimates for PCB-039 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 6.09	U	3					< 189	U
CBX	1					< 1.85	U	3					< 154	U
RB111	2					< 3.39	U	3					< 75.4	U
RB202	2					< 13.0	U	3					< 126	U
AG174	2					< 6.40	U	1					< 5.80	U
AGG	2					< 1.66	U	1					< 6.66	U
FB200	2					< 8.48	U	3					< 84.9	U
FB203	2					< 16.2	U	3					< 143	U
All Snohomish CB Locations	3					< 3.94	U	6					< 187	U
All Snohomish RB Locations	4					< 7.23	U	6					< 97.0	U
All Snohomish AG Locations	4					< 4.27	U	2					< 6.51	U
All Snohomish FB Locations	4					< 15.5	U	6					< 145	U
All Snohomish Locations	15					< 11.4	U	20					< 147	U
Puyallup Watershed														
CBA	2					< 3.91	U	3					< 109	U
CBB	1					< 0.863	U	2					< 30.7	U
RB53	2					< 2.36	U	3					< 23.1	U
RB209	2					< 3.14	U	3					< 30.5	U
AG143	2					< 2.49	U	1					< 6.91	U
AG62	2					< 4.34	U	1					< 10.2	U
FB130	2					< 13.7	U	3					< 98.5	U
FB372	2					< 3.51	U	3					< 74.4	U
All Puyallup CB Locations	3					< 2.69	U	5					< 90.0	U
All Puyallup RB Locations	4					< 2.82	U	6					< 28.4	U
All Puyallup AG Locations	4					< 3.72	U	2					< 9.01	U
All Puyallup FB Locations	4					< 5.02	U	6					< 78.9	U
All Puyallup Locations	15					< 3.54	U	19					< 74.0	U
All Monitoring Locations Combined														
All CB Locations	6					< 3.05	U	11					< 130	U
All RB Locations	8					< 5.06	U	12					< 62.1	U
All AG Locations	8					< 4.13	U	4					< 7.66	U
All FB Locations	8					< 13.5	U	12					< 139	U
All Locations	30					< 7.82	U	39					< 117	U

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-226. Absolute and unit area toxic chemical loading estimates for PCB-040 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 6.09	U	3	10.2	10.8	12.6	22.0	25.1	
CBX	1					< 1.85	U	3					< 154	U
RB111	2					< 3.39	U	3	3.77	4.91	8.34	30.4	37.7	E
RB202	2					< 13.0	U	3					< 126	U
AG174	2					< 6.40	U	1					< 5.80	U
AGG	2					< 1.66	U	1					< 6.66	U
FB200	2					< 8.48	U	3					< 84.9	U
FB203	2					< 16.2	U	3					< 143	U
All Snohomish CB Locations	3					< 3.94	U	6	3.77	10.1	18.7	38.9	77.8	E
All Snohomish RB Locations	4					< 7.23	U	6	2.40	4.61	17.2	46.1	48.5	E
All Snohomish AG Locations	4					< 4.27	U	2					< 6.51	U
All Snohomish FB Locations	4					< 15.5	U	6					< 145	U
All Snohomish Locations	15					< 11.4	U	20	2.94	5.81	16.2	44.4	61.2	E
Puyallup Watershed														
CBA	2					< 3.91	U	3					< 109	U
CBB	1					< 0.863	U	3					< 30.7	U
RB53	2					< 2.36	U	3					< 23.1	U
RB209	2					< 3.14	U	3					< 30.5	U
AG143	2					< 2.49	U	1					< 6.91	U
AG62	2					< 4.34	U	1					< 10.2	U
FB130	2					< 13.7	U	3					< 98.5	U
FB372	2					< 3.51	U	3					< 74.4	U
All Puyallup CB Locations	3					< 2.69	U	6					< 90.0	U
All Puyallup RB Locations	4					< 2.82	U	6					< 28.4	U
All Puyallup AG Locations	4					< 3.72	U	2					< 9.01	U
All Puyallup FB Locations	4					< 5.02	U	6					< 78.9	U
All Puyallup Locations	15					< 3.54	U	20					< 74.0	U
All Monitoring Locations Combined														
All CB Locations	6					< 3.05	U	12	2.63	6.38	21.7	28.5	54.3	E
All RB Locations	8					< 5.06	U	12	1.54	3.26	14.9	29.5	31.0	E
All AG Locations	8					< 4.13	U	4					< 7.66	U
All FB Locations	8					< 13.5	U	12					< 139	U
All Locations	30					< 7.82	U	40	2.34	5.11	23.2	36.5	53.5	E

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-227. Absolute and unit area toxic chemical loading estimates for PCB-041-064-068 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 41.6	U	3	38.1	41.7	52.7	89.8	102	
CBX	1					< 1.85	U	3	4.62	8.66	20.8	34.1	38.5	E
RB111	2					< 25.9	U	3	3.77	5.01	8.73	32.0	39.7	
RB202	2					< 90.9	U	3	3.13	4.08	6.95	25.4	31.6	E
AG174	2					< 44.8	U	1					< 5.80	U
AGG	2					< 10.5	U	1					< 6.66	U
FB200	2					< 62.5	U	3					< 84.9	U
FB203	2					< 60.7	U	3					< 143	U
All Snohomish CB Locations	3					< 27.0	U	6	4.67	21.0	38.3	52.1	101	E
All Snohomish RB Locations	4					< 55.1	U	6	2.40	4.61	8.01	24.3	48.5	E
All Snohomish AG Locations	4					< 29.9	U	2					< 6.51	U
All Snohomish FB Locations	4					< 114	U	6					< 145	U
All Snomomish Locations	15					< 86.9	U	20	2.94	5.81	23.1	35.8	79.6	E
Puyallup Watershed														
CBA	2	3.29		9.88		16.5	E	3	12.5	14.1	19.0	45.5	54.3	
CBB	1					< 0.863	U	3	3.26	3.30	3.41	12.0	14.9	E
RB53	2	1.17		4.13		7.09	E	3					< 23.1	U
RB209	2					< 23.5	U	3					< 30.5	U
AG143	2					< 17.5	U	1					< 6.91	U
AG62	2					< 31.0	U	1					< 10.2	U
FB130	2					< 96.0	U	3	5.17	5.85	7.88	38.9	49.3	E
FB372	2					< 24.0	U	3	3.55	3.93	5.07	29.2	37.2	E
All Puyallup CB Locations	3	1.35	1.58	2.27	9.07	11.3	E	6	4.72	4.95	13.0	21.6	45.0	E
All Puyallup RB Locations	4	1.40	1.40	4.94	9.52	10.6	E	6					< 28.4	U
All Puyallup AG Locations	4					< 26.6	U	2					< 9.01	U
All Puyallup FB Locations	4					< 35.1	U	6	3.76	3.76	5.56	35.8	39.4	E
All Puyallup Locations	15	1.60	1.62	2.69	11.8	13.5	E	20	3.53	3.53	6.56	24.1	37.0	E
All Monitoring Locations Combined														
All CB Locations	6	1.52	1.52	2.05	10.4	12.8	E	12	3.26	9.23	22.5	31.8	70.6	E
All RB Locations	8	2.29	2.40	8.43	17.5	19.3	E	12	1.54	3.26	10.9	22.5	31.0	E
All AG Locations	8					< 29.5	U	4					< 7.66	U
All FB Locations	8					< 94.5	U	12	3.03	6.64	20.7	61.6	69.5	E
All Locations	30	3.54	3.54	4.84	26.1	29.8	E	40	2.34	5.11	12.2	28.5	63.3	E

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-228. Absolute and unit area toxic chemical loading estimates for PCB-042-059 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 6.09	U	3	14.9	15.9	18.9	30.1	33.8	
CBX	1					< 1.85	U	3					< 154	U
RB111	2					< 3.39	U	3	3.77	5.91	12.3	31.4	37.7	E
RB202	2					< 13.0	U	3					< 126	U
AG174	2					< 6.40	U	1					< 5.80	U
AGG	2					< 1.66	U	1					< 6.66	U
FB200	2					< 8.48	U	3					< 84.9	U
FB203	2					< 16.2	U	3					< 143	U
All Snohomish CB Locations	3					< 3.94	U	6	3.77	14.8	26.1	38.9	77.8	E
All Snohomish RB Locations	4					< 7.23	U	6	2.40	4.61	19.6	46.1	48.5	E
All Snohomish AG Locations	4					< 4.27	U	2					< 6.51	U
All Snohomish FB Locations	4					< 15.5	U	6					< 145	U
All Snohomish Locations	15					< 11.4	U	20	2.94	5.81	22.6	44.4	61.2	E
Puyallup Watershed														
CBA	2					< 3.91	U	3	5.70	6.31	8.14	42.7	54.3	E
CBB	1					< 0.863	U	3					< 30.7	U
RB53	2					< 2.36	U	3					< 23.1	U
RB209	2					< 3.14	U	3					< 30.5	U
AG143	2					< 2.49	U	1					< 6.91	U
AG62	2					< 4.34	U	1					< 10.2	U
FB130	2					< 13.7	U	3					< 98.5	U
FB372	2					< 3.51	U	3					< 74.4	U
All Puyallup CB Locations	3					< 2.69	U	6	4.72	4.72	14.2	22.3	45.0	E
All Puyallup RB Locations	4					< 2.82	U	6					< 28.4	U
All Puyallup AG Locations	4					< 3.72	U	2					< 9.01	U
All Puyallup FB Locations	4					< 5.02	U	6					< 78.9	U
All Puyallup Locations	15					< 3.54	U	20	3.53	3.53	16.1	24.3	37.0	E
All Monitoring Locations Combined														
All CB Locations	6					< 3.05	U	12	2.63	6.92	18.2	27.0	54.3	E
All RB Locations	8					< 5.06	U	12	1.54	3.26	14.9	29.5	31.0	E
All AG Locations	8					< 4.13	U	4					< 7.66	U
All FB Locations	8					< 13.5	U	12					< 139	U
All Locations	30					< 7.82	U	40	2.34	5.11	22.0	35.3	53.5	E

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-229. Absolute and unit area toxic chemical loading estimates for PCB-043-049 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 6.09	U	3	86.4	94.3	118	206	236	
CBX	1					< 1.85	U	3	5.00	13.0	37.0	38.1	38.5	E
RB111	2					< 3.39	U	3	3.77	7.30	17.9	20.8	21.8	E
RB202	2					< 13.0	U	3	3.13	5.51	12.6	26.9	31.6	E
AG174	2					< 6.40	U	1					< 5.80	U
AGG	2					< 1.66	U	1					< 6.66	U
FB200	2					< 8.48	U	3					< 84.9	U
FB203	2					< 16.2	U	3	3.62	4.60	7.55	29.9	37.4	E
All Snohomish CB Locations	3					< 3.94	U	6	5.06	37.3	62.2	117	233	
All Snohomish RB Locations	4					< 7.23	U	6	2.40	4.61	15.8	24.3	26.7	E
All Snohomish AG Locations	4					< 4.27	U	2					< 6.51	U
All Snohomish FB Locations	4					< 15.5	U	6	3.47	3.51	21.5	35.8	72.3	E
All Snohomish Locations	15					< 11.4	U	20	2.94	5.81	28.5	32.1	184	E
Puyallup Watershed														
CBA	2	1.96		2.32		2.68	E	3	8.14	11.1	20.1	25.0	26.6	
CBB	1					< 0.863	U	3	3.26	3.84	5.59	12.6	14.9	E
RB53	2					< 2.36	U	3	1.21	1.54	2.54	9.28	11.5	E
RB209	2					< 3.14	U	3					< 30.5	U
AG143	2					< 2.49	U	1			6.58			
AG62	2					< 4.34	U	1					< 10.2	U
FB130	2					< 13.7	U	3	5.17	6.84	11.8	39.9	49.3	E
FB372	2					< 3.51	U	3	3.55	4.69	8.11	29.9	37.2	E
All Puyallup CB Locations	3	1.35	1.35	1.35	1.72	1.84	E	6	4.72	6.75	12.4	21.6	22.0	
All Puyallup RB Locations	4					< 2.82	U	6	1.49	1.49	4.97	13.5	14.2	E
All Puyallup AG Locations	4					< 3.72	U	2	4.51		6.54		8.58	E
All Puyallup FB Locations	4					< 5.02	U	6	3.76	3.76	8.60	35.8	39.4	E
All Puyallup Locations	15	1.60	1.60	1.68	1.68	2.19	E	20	3.53	3.53	7.74	16.3	37.0	E
All Monitoring Locations Combined														
All CB Locations	6	1.52	1.52	1.52	1.52	2.09	E	12	3.53	8.96	26.1	43.4	163	
All RB Locations	8					< 5.06	U	12	1.54	3.26	10.4	16.3	31.0	E
All AG Locations	8					< 4.13	U	4	3.47	3.65	3.83	5.57	7.30	E
All FB Locations	8					< 13.5	U	12	3.03	6.48	15.2	47.3	69.5	E
All Locations	30	3.54	3.54	3.54	3.72	4.84	E	40	2.34	5.11	11.7	24.3	146	E

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-230. Absolute and unit area toxic chemical loading estimates for PCB-044 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 6.09	U	3	118	132	173	261	291	
CBX	1					< 1.85	U	3	6.93	14.8	38.5	42.0	43.1	E
RB111	2					< 3.39	U	3	3.77	8.19	21.4	44.1	51.6	
RB202	2					< 13.0	U	3	3.13	6.14	15.2	27.5	31.6	E
AG174	2					< 6.40	U	1					< 5.80	U
AGG	2					< 1.66	U	1					< 6.66	U
FB200	2					< 8.48	U	3	2.06	2.59	4.20	16.8	21.0	E
FB203	2					< 16.2	U	3	3.62	4.98	9.05	30.3	37.4	E
All Snohomish CB Locations	3					< 3.94	U	6	7.00	38.9	80.1	171	288	
All Snohomish RB Locations	4					< 7.23	U	6	2.40	4.61	18.0	26.2	63.1	E
All Snohomish AG Locations	4					< 4.27	U	2					< 6.51	U
All Snohomish FB Locations	4					< 15.5	U	6	3.47	3.51	7.92	35.8	35.8	E
All Snomomish Locations	15					< 11.4	U	20	2.94	5.81	22.5	33.7	226	E
Puyallup Watershed														
CBA	2	1.96		2.42		2.88	E	3	9.77	12.5	20.6	30.4	33.7	
CBB	1					< 0.863	U	3	3.26	4.07	6.52	12.8	14.9	E
RB53	2					< 2.36	U	3	1.21	1.40	1.96	9.13	11.5	E
RB209	2					< 3.14	U	3					< 30.5	U
AG143	2					< 2.49	U	1			6.58			
AG62	2					< 4.34	U	1					< 10.2	U
FB130	2					< 13.7	U	3	5.17	7.20	13.3	40.3	49.3	E
FB372	2					< 3.51	U	3	3.55	5.03	9.46	30.3	37.2	E
All Puyallup CB Locations	3	1.35	1.35	1.35	1.83	1.98	E	6	4.72	8.10	13.3	21.6	27.9	
All Puyallup RB Locations	4					< 2.82	U	6	1.49	1.49	4.62	13.5	14.2	E
All Puyallup AG Locations	4					< 3.72	U	2	4.51		6.54		8.58	E
All Puyallup FB Locations	4					< 5.02	U	6	3.76	3.76	9.86	35.8	39.4	E
All Puyallup Locations	15	1.60	1.60	1.68	1.68	2.36	E	20	3.53	3.53	8.07	18.5	37.0	E
All Monitoring Locations Combined														
All CB Locations	6	1.52	1.52	1.52	1.52	2.25	E	12	4.89	10.6	26.6	57.6	201	
All RB Locations	8					< 5.06	U	12	1.54	3.26	11.2	23.1	40.3	E
All AG Locations	8					< 4.13	U	4	3.47	3.65	3.83	5.57	7.30	E
All FB Locations	8					< 13.5	U	12	3.03	6.45	12.3	31.3	69.5	E
All Locations	30	3.54	3.54	3.54	3.72	5.21	E	40	2.34	5.11	12.4	26.8	180	E

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-231. Absolute and unit area toxic chemical loading estimates for PCB-045 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)													
Baseflow							Storm Event						
n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed													
CB335	2				< 6.09	U	3					< 189	U
CBX	1				< 1.85	U	3					< 154	U
RB111	2				< 3.39	U	3	3.77	5.51	10.7	31.0	37.7	E
RB202	2				< 13.0	U	3					< 126	U
AG174	2				< 6.40	U	1					< 5.80	U
AGG	2				< 1.66	U	1					< 6.66	U
FB200	2				< 8.48	U	3					< 84.9	U
FB203	2				< 16.2	U	3					< 143	U
All Snohomish CB Locations	3				< 3.94	U	6					< 187	U
All Snohomish RB Locations	4				< 7.23	U	6	2.40	4.61	18.7	46.1	48.5	E
All Snohomish AG Locations	4				< 4.27	U	2					< 6.51	U
All Snohomish FB Locations	4				< 15.5	U	6					< 145	U
All Snohomish Locations	15				< 11.4	U	20	2.94	4.44	30.0	58.1	73.5	E
Puyallup Watershed													
CBA	2				< 3.91	U	3					< 109	U
CBB	1				< 0.863	U	3					< 30.7	U
RB53	2				< 2.36	U	3					< 23.1	U
RB209	2				< 3.14	U	3					< 30.5	U
AG143	2				< 2.49	U	1					< 6.91	U
AG62	2				< 4.34	U	1					< 10.2	U
FB130	2				< 13.7	U	3					< 98.5	U
FB372	2				< 3.51	U	3					< 74.4	U
All Puyallup CB Locations	3				< 2.69	U	6					< 90.0	U
All Puyallup RB Locations	4				< 2.82	U	6					< 28.4	U
All Puyallup AG Locations	4				< 3.72	U	2					< 9.01	U
All Puyallup FB Locations	4				< 5.02	U	6					< 78.9	U
All Puyallup Locations	15				< 3.54	U	20					< 74.0	U
All Monitoring Locations Combined													
All CB Locations	6				< 3.05	U	12					< 130	U
All RB Locations	8				< 5.06	U	12	1.54	3.26	14.9	29.5	31.0	E
All AG Locations	8				< 4.13	U	4					< 7.66	U
All FB Locations	8				< 13.5	U	12					< 139	U
All Locations	30				< 7.82	U	40	2.34	5.11	23.4	46.2	58.4	E

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-232. Absolute and unit area toxic chemical loading estimates for PCB-046 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 6.09	U	3	9.43	16.6	38.1	80.3	94.3	E
CBX	1					< 1.85	U	3					< 154	U
RB111	2					< 3.39	U	3					< 75.4	U
RB202	2					< 13.0	U	3					< 126	U
AG174	2					< 6.40	U	1					< 5.80	U
AGG	2					< 1.66	U	1					< 6.66	U
FB200	2					< 8.48	U	3					< 84.9	U
FB203	2					< 16.2	U	3					< 143	U
All Snohomish CB Locations	3					< 3.94	U	6	3.77	9.33	38.3	77.8	93.3	E
All Snohomish RB Locations	4					< 7.23	U	6					< 97.0	U
All Snohomish AG Locations	4					< 4.27	U	2					< 6.51	U
All Snohomish FB Locations	4					< 15.5	U	6					< 145	U
All Snohomish Locations	15					< 11.4	U	20	2.94	5.81	30.3	58.1	73.5	E
Puyallup Watershed														
CBA	2					< 3.91	U	3					< 109	U
CBB	1					< 0.863	U	3					< 30.7	U
RB53	2					< 2.36	U	3					< 23.1	U
RB209	2					< 3.14	U	3					< 30.5	U
AG143	2					< 2.49	U	1					< 6.91	U
AG62	2					< 4.34	U	1					< 10.2	U
FB130	2					< 13.7	U	3					< 98.5	U
FB372	2					< 3.51	U	3					< 74.4	U
All Puyallup CB Locations	3					< 2.69	U	6					< 90.0	U
All Puyallup RB Locations	4					< 2.82	U	6					< 28.4	U
All Puyallup AG Locations	4					< 3.72	U	2					< 9.01	U
All Puyallup FB Locations	4					< 5.02	U	6					< 78.9	U
All Puyallup Locations	15					< 3.54	U	20					< 74.0	U
All Monitoring Locations Combined														
All CB Locations	6					< 3.05	U	12	2.63	6.11	26.6	42.1	65.2	E
All RB Locations	8					< 5.06	U	12					< 62.1	U
All AG Locations	8					< 4.13	U	4					< 7.66	U
All FB Locations	8					< 13.5	U	12					< 139	U
All Locations	30					< 7.82	U	40	2.34	5.11	23.5	46.2	58.4	E

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-233. Absolute and unit area toxic chemical loading estimates for PCB-047-048-075 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 221	U	3					< 189	U
CBX	1					< 1.85	U	3					< 154	U
RB111	2					< 136	U	3	3.77	12.3	37.7	48.1	51.6	E
RB202	2					< 513	U	3					< 126	U
AG174	2					< 243	U	1					< 5.80	U
AGG	2					< 56.1	U	1					< 6.66	U
FB200	2					< 326	U	3					< 84.9	U
FB203	2	17.9		58.1		98.3	E	3					< 143	U
All Snohomish CB Locations	3					< 143	U	6					< 187	U
All Snohomish RB Locations	4					< 289	U	6	2.40	4.61	35.2	48.5	63.1	E
All Snohomish AG Locations	4					< 162	U	2					< 6.51	U
All Snohomish FB Locations	4	7.75	12.4	55.5	196	298	E	6					< 145	U
All Snohomish Locations	15	5.16	5.16	11.4	196	228	E	20	2.94	5.81	30.3	59.7	79.6	E
Puyallup Watershed														
CBA	2	7.21		47.9		88.5	E	3	5.70	6.58	9.23	43.0	54.3	E
CBB	1			0.908				3					< 30.7	U
RB53	2	2.60		20.8		39.0	E	3					< 23.1	U
RB209	2	3.14		33.7		64.3	E	3					< 30.5	U
AG143	2	2.74		24.7		46.8	E	1					< 6.91	U
AG62	2	3.51		43.1		82.6	E	1					< 10.2	U
FB130	2	10.3		132		254	E	3					< 98.5	U
FB372	2	4.80		32.9		61.0	E	3	3.38	3.42	3.55	28.8	37.2	E
All Puyallup CB Locations	3	2.84	3.37	4.96	47.0	61.0		6	4.72	4.72	14.6	22.3	45.0	E
All Puyallup RB Locations	4	2.82	2.96	24.8	52.2	57.8	E	6					< 28.4	U
All Puyallup AG Locations	4	3.01	3.45	35.2	68.6	70.8	E	2					< 9.01	U
All Puyallup FB Locations	4	3.76	5.14	44.7	87.8	92.8	E	6	3.58	3.76	10.7	35.8	39.4	E
All Puyallup Locations	15	2.53	3.45	5.89	62.9	72.4		20	3.36	3.53	10.9	24.3	37.0	E
All Monitoring Locations Combined														
All CB Locations	6	1.52	1.52	4.41	55.3	69.0	E	12	2.63	7.47	26.2	40.7	65.2	E
All RB Locations	8	2.29	3.61	42.4	96.9	101	E	12	1.54	3.26	15.2	30.3	40.3	E
All AG Locations	8	1.87	2.65	33.6	74.2	78.7	E	4					< 7.66	U
All FB Locations	8	6.41	12.1	47.6	234	250	E	12	3.03	6.48	31.1	61.6	69.5	E
All Locations	30	3.54	5.59	11.4	138	160	E	40	2.34	5.11	23.4	46.2	63.3	E

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-234. Absolute and unit area toxic chemical loading estimates for PCB-050 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 6.09	U	3					< 189	U
CBX	1					< 1.85	U	3					< 154	U
RB111	2					< 3.39	U	3					< 75.4	U
RB202	2					< 13.0	U	3					< 126	U
AG174	2					< 6.40	U	1					< 5.80	U
AGG	2					< 1.66	U	1					< 6.66	U
FB200	2					< 8.48	U	3					< 84.9	U
FB203	2					< 16.2	U	3					< 143	U
All Snohomish CB Locations	3					< 3.94	U	6					< 187	U
All Snohomish RB Locations	4					< 7.23	U	6					< 97.0	U
All Snohomish AG Locations	4					< 4.27	U	2					< 6.51	U
All Snohomish FB Locations	4					< 15.5	U	6					< 145	U
All Snohomish Locations	15					< 11.4	U	20					< 147	U
Puyallup Watershed														
CBA	2					< 3.91	U	3					< 109	U
CBB	1					< 0.863	U	3					< 30.7	U
RB53	2					< 2.36	U	3					< 23.1	U
RB209	2					< 3.14	U	3					< 30.5	U
AG143	2					< 2.49	U	1					< 6.91	U
AG62	2					< 4.34	U	1					< 10.2	U
FB130	2					< 13.7	U	3					< 98.5	U
FB372	2					< 3.51	U	3					< 74.4	U
All Puyallup CB Locations	3					< 2.69	U	6					< 90.0	U
All Puyallup RB Locations	4					< 2.82	U	6					< 28.4	U
All Puyallup AG Locations	4					< 3.72	U	2					< 9.01	U
All Puyallup FB Locations	4					< 5.02	U	6					< 78.9	U
All Puyallup Locations	15					< 3.54	U	20					< 74.0	U
All Monitoring Locations Combined														
All CB Locations	6					< 3.05	U	12					< 130	U
All RB Locations	8					< 5.06	U	12					< 62.1	U
All AG Locations	8					< 4.13	U	4					< 7.66	U
All FB Locations	8					< 13.5	U	12					< 139	U
All Locations	30					< 7.82	U	40					< 117	U

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-235. Absolute and unit area toxic chemical loading estimates for PCB-051 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 73.7	U	3	19.6	24.3	38.1	80.3	94.3	E
CBX	1					< 1.85	U	3					< 154	U
RB111	2					< 45.2	U	3					< 75.4	U
RB202	2					< 169	U	3					< 126	U
AG174	2					< 80.0	U	1					< 5.80	U
AGG	2					< 17.5	U	1					< 6.66	U
FB200	2					< 107	U	3					< 84.9	U
FB203	2					< 28.2	U	3					< 143	U
All Snohomish CB Locations	3					< 47.7	U	6	3.77	19.4	38.3	77.8	93.3	E
All Snohomish RB Locations	4					< 96.5	U	6					< 97.0	U
All Snohomish AG Locations	4					< 53.3	U	2					< 6.51	U
All Snohomish FB Locations	4					< 196	U	6					< 145	U
All Snohomish Locations	15					< 152	U	20	2.94	5.81	30.3	58.1	73.5	E
Puyallup Watershed														
CBA	2					< 55.6	U	3					< 109	U
CBB	1					< 0.863	U	3					< 30.7	U
RB53	2					< 24.8	U	3					< 23.1	U
RB209	2					< 40.8	U	3					< 30.5	U
AG143	2					< 29.9	U	1					< 6.91	U
AG62	2					< 53.7	U	1					< 10.2	U
FB130	2					< 164	U	3					< 98.5	U
FB372	2					< 40.7	U	3					< 74.4	U
All Puyallup CB Locations	3					< 38.3	U	6					< 90.0	U
All Puyallup RB Locations	4					< 36.7	U	6					< 28.4	U
All Puyallup AG Locations	4					< 46.0	U	2					< 9.01	U
All Puyallup FB Locations	4					< 60.2	U	6					< 78.9	U
All Puyallup Locations	15					< 45.5	U	20					< 74.0	U
All Monitoring Locations Combined														
All CB Locations	6					< 43.3	U	12	2.63	9.64	26.6	42.1	65.2	E
All RB Locations	8					< 67.4	U	12					< 62.1	U
All AG Locations	8					< 51.1	U	4					< 7.66	U
All FB Locations	8					< 162	U	12					< 139	U
All Locations	30					< 104	U	40	2.34	5.11	23.5	46.2	58.4	E

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-236. Absolute and unit area toxic chemical loading estimates for PCB-052-073 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2	3.84		6.73		9.61		3	275	318	448	631	692	
CBX	1			1.76				3	11.9	18.6	38.5	96.2	115	E
RB111	2					< 3.39	U	3	3.77	13.3	41.7	52.1	55.6	E
RB202	2					< 13.0	U	3	3.13	10.2	31.6	38.2	40.5	E
AG174	2					< 6.40	U	1					< 5.80	U
AGG	2	0.832		1.03		1.23	E	1					< 6.66	U
FB200	2					< 8.48	U	3	2.06	4.30	11.0	18.5	21.0	E
FB203	2					< 16.2	U	3	3.62	8.94	24.9	34.2	37.4	E
All Snohomish CB Locations	3	2.49	2.80	3.73	5.60	6.22		6	12.1	38.9	194	443	684	
All Snohomish RB Locations	4					< 7.23	U	6	2.40	4.61	27.7	50.9	67.9	E
All Snohomish AG Locations	4	2.03	2.03	2.08	2.56	2.99	E	2					< 6.51	U
All Snohomish FB Locations	4					< 15.5	U	6	3.47	3.51	21.3	35.8	35.8	E
All Snohomish Locations	15	5.16	5.16	5.43	6.31	16.3	E	20	2.94	6.12	30.3	75.0	539	E
Puyallup Watershed														
CBA	2	1.96		3.76		5.56	E	3	18.5	28.8	59.7	67.8	70.6	
CBB	1			0.590				3	8.38	10.1	15.2	27.1	31.0	
RB53	2	1.12		1.45		1.77	E	3	2.42	3.05	4.96	9.88	11.5	
RB209	2					< 3.14	U	3	1.68	2.10	3.37	12.3	15.2	E
AG143	2	1.75		3.49		5.24		1			17.4			
AG62	2	2.07		2.12		2.17	E	1			17.5			
FB130	2					< 13.7	U	3	18.2	21.6	31.5	44.8	49.3	
FB372	2					< 3.51	U	3	9.80	13.4	24.3	34.0	37.2	
All Puyallup CB Locations	3	1.35	1.47	1.84	3.33	3.83		6	12.1	15.3	33.5	49.5	58.5	
All Puyallup RB Locations	4	1.34	1.38	1.41	1.76	2.12	E	6	1.49	2.98	4.54	13.5	14.2	E
All Puyallup AG Locations	4	1.77	1.82	2.17	4.96	7.44		2	15.4		19.1		22.7	
All Puyallup FB Locations	4					< 5.02	U	6	10.4	13.3	24.4	35.8	39.4	
All Puyallup Locations	15	1.60	1.60	1.68	2.31	7.07	E	20	3.53	10.6	17.2	33.6	43.7	
All Monitoring Locations Combined														
All CB Locations	6	1.52	1.92	2.49	4.33	4.81		12	8.42	22.5	57.0	136	478	
All RB Locations	8	2.29	2.35	2.41	2.47	3.61	E	12	1.54	4.89	14.4	30.3	43.4	E
All AG Locations	8	1.87	1.92	2.02	2.75	8.26	E	4	3.47	3.65	8.49	16.2	19.3	E
All FB Locations	8					< 13.5	U	12	3.03	17.4	27.3	43.0	69.5	E
All Locations	30	3.54	3.54	3.72	4.84	15.6	E	40	2.34	11.4	24.1	48.7	428	

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-237. Absolute and unit area toxic chemical loading estimates for PCB-053 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 6.09	U	3	15.7	17.3	22.0	44.4	51.9	
CBX	1					< 1.85	U	3	3.73	4.92	8.47	31.0	38.5	E
RB111	2					< 3.39	U	3	3.77	6.40	14.3	31.9	37.7	E
RB202	2					< 13.0	U	3					< 126	U
AG174	2					< 6.40	U	1					< 5.80	U
AGG	2					< 1.66	U	1					< 6.66	U
FB200	2					< 8.48	U	3					< 84.9	U
FB203	2					< 16.2	U	3					< 143	U
All Snohomish CB Locations	3					< 3.94	U	6	3.77	8.56	18.7	38.9	51.3	
All Snohomish RB Locations	4					< 7.23	U	6	2.40	4.61	20.9	46.1	48.5	E
All Snohomish AG Locations	4					< 4.27	U	2					< 6.51	U
All Snohomish FB Locations	4					< 15.5	U	6					< 145	U
All Snohomish Locations	15					< 11.4	U	20	2.94	5.81	19.6	35.5	61.2	E
Puyallup Watershed														
CBA	2					< 3.91	U	3					< 109	U
CBB	1					< 0.863	U	3					< 30.7	U
RB53	2					< 2.36	U	3					< 23.1	U
RB209	2					< 3.14	U	3					< 30.5	U
AG143	2					< 2.49	U	1					< 6.91	U
AG62	2					< 4.34	U	1					< 10.2	U
FB130	2					< 13.7	U	3					< 98.5	U
FB372	2					< 3.51	U	3					< 74.4	U
All Puyallup CB Locations	3					< 2.69	U	6					< 90.0	U
All Puyallup RB Locations	4					< 2.82	U	6					< 28.4	U
All Puyallup AG Locations	4					< 3.72	U	2					< 9.01	U
All Puyallup FB Locations	4					< 5.02	U	6					< 78.9	U
All Puyallup Locations	15					< 3.54	U	20					< 74.0	U
All Monitoring Locations Combined														
All CB Locations	6					< 3.05	U	12	2.63	5.84	20.6	28.5	54.3	E
All RB Locations	8					< 5.06	U	12	1.54	3.26	14.9	29.5	31.0	E
All AG Locations	8					< 4.13	U	4					< 7.66	U
All FB Locations	8					< 13.5	U	12					< 139	U
All Locations	30					< 7.82	U	40	2.34	5.11	23.2	29.4	53.5	E

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-238. Absolute and unit area toxic chemical loading estimates for PCB-054 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 6.09	U	3					< 189	U
CBX	1					< 1.85	U	3					< 154	U
RB111	2					< 3.39	U	3					< 75.4	U
RB202	2					< 13.0	U	3					< 126	U
AG174	2					< 6.40	U	1					< 5.80	U
AGG	2					< 1.66	U	1					< 6.66	U
FB200	2					< 8.48	U	3					< 84.9	U
FB203	2					< 16.2	U	3					< 143	U
All Snohomish CB Locations	3					< 3.94	U	6					< 187	U
All Snohomish RB Locations	4					< 7.23	U	6					< 97.0	U
All Snohomish AG Locations	4					< 4.27	U	2					< 6.51	U
All Snohomish FB Locations	4					< 15.5	U	6					< 145	U
All Snohomish Locations	15					< 11.4	U	20					< 147	U
Puyallup Watershed														
CBA	2					< 3.91	U	3					< 109	U
CBB	1					< 0.863	U	3					< 30.7	U
RB53	2					< 2.36	U	3					< 23.1	U
RB209	2					< 3.14	U	3					< 30.5	U
AG143	2					< 2.49	U	1					< 6.91	U
AG62	2					< 4.34	U	1					< 10.2	U
FB130	2					< 13.7	U	3					< 98.5	U
FB372	2					< 3.51	U	3					< 74.4	U
All Puyallup CB Locations	3					< 2.69	U	6					< 90.0	U
All Puyallup RB Locations	4					< 2.82	U	6					< 28.4	U
All Puyallup AG Locations	4					< 3.72	U	2					< 9.01	U
All Puyallup FB Locations	4					< 5.02	U	6					< 78.9	U
All Puyallup Locations	15					< 3.54	U	20					< 74.0	U
All Monitoring Locations Combined														
All CB Locations	6					< 3.05	U	12					< 130	U
All RB Locations	8					< 5.06	U	12					< 62.1	U
All AG Locations	8					< 4.13	U	4					< 7.66	U
All FB Locations	8					< 13.5	U	12					< 139	U
All Locations	30					< 7.82	U	40					< 117	U

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-239. Absolute and unit area toxic chemical loading estimates for PCB-055 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 6.09	U	3					< 189	U
CBX	1					< 1.85	U	3					< 154	U
RB111	2					< 3.39	U	3					< 75.4	U
RB202	2					< 13.0	U	3					< 126	U
AG174	2					< 6.40	U	1					< 5.80	U
AGG	2					< 1.66	U	1					< 6.66	U
FB200	2					< 8.48	U	3					< 84.9	U
FB203	2					< 16.2	U	3					< 143	U
All Snohomish CB Locations	3					< 3.94	U	6					< 187	U
All Snohomish RB Locations	4					< 7.23	U	6					< 97.0	U
All Snohomish AG Locations	4					< 4.27	U	2					< 6.51	U
All Snohomish FB Locations	4					< 15.5	U	6					< 145	U
All Snohomish Locations	15					< 11.4	U	20					< 147	U
Puyallup Watershed														
CBA	2					< 3.91	U	3					< 109	U
CBB	1					< 0.863	U	3					< 30.7	U
RB53	2					< 2.36	U	3					< 23.1	U
RB209	2					< 3.14	U	3					< 30.5	U
AG143	2					< 2.49	U	1					< 6.91	U
AG62	2					< 4.34	U	1					< 10.2	U
FB130	2					< 13.7	U	3					< 98.5	U
FB372	2					< 3.51	U	3					< 74.4	U
All Puyallup CB Locations	3					< 2.69	U	6					< 90.0	U
All Puyallup RB Locations	4					< 2.82	U	6					< 28.4	U
All Puyallup AG Locations	4					< 3.72	U	2					< 9.01	U
All Puyallup FB Locations	4					< 5.02	U	6					< 78.9	U
All Puyallup Locations	15					< 3.54	U	20					< 74.0	U
All Monitoring Locations Combined														
All CB Locations	6					< 3.05	U	12					< 130	U
All RB Locations	8					< 5.06	U	12					< 62.1	U
All AG Locations	8					< 4.13	U	4					< 7.66	U
All FB Locations	8					< 13.5	U	12					< 139	U
All Locations	30					< 7.82	U	40					< 117	U

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-240. Absolute and unit area toxic chemical loading estimates for PCB-056-060 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 6.09	U	3	47.2	47.7	49.5	101	118	
CBX	1					< 1.85	U	3	10.0	10.2	10.8	31.6	38.5	
RB111	2					< 3.39	U	3	3.77	10.3	29.8	35.7	37.7	E
RB202	2					< 13.0	U	3					< 126	U
AG174	2					< 6.40	U	1					< 5.80	U
AGG	2					< 1.66	U	1					< 6.66	U
FB200	2					< 8.48	U	3					< 84.9	U
FB203	2					< 16.2	U	3					< 143	U
All Snohomish CB Locations	3					< 3.94	U	6	10.1	10.9	42.8	49.0	117	
All Snohomish RB Locations	4					< 7.23	U	6	2.40	4.61	30.3	46.1	48.5	E
All Snohomish AG Locations	4					< 4.27	U	2					< 6.51	U
All Snohomish FB Locations	4					< 15.5	U	6					< 145	U
All Snohomish Locations	15					< 11.4	U	20	2.94	6.12	30.5	52.0	91.8	E
Puyallup Watershed														
CBA	2					< 3.91	U	3	10.9	13.4	21.2	46.0	54.3	
CBB	1					< 0.863	U	3					< 30.7	U
RB53	2					< 2.36	U	3					< 23.1	U
RB209	2					< 3.14	U	3					< 30.5	U
AG143	2					< 2.49	U	1					< 6.91	U
AG62	2					< 4.34	U	1					< 10.2	U
FB130	2					< 13.7	U	3					< 98.5	U
FB372	2					< 3.51	U	3					< 74.4	U
All Puyallup CB Locations	3					< 2.69	U	6	4.72	9.00	19.6	22.3	45.0	E
All Puyallup RB Locations	4					< 2.82	U	6					< 28.4	U
All Puyallup AG Locations	4					< 3.72	U	2					< 9.01	U
All Puyallup FB Locations	4					< 5.02	U	6					< 78.9	U
All Puyallup Locations	15					< 3.54	U	20	3.53	3.53	16.1	24.3	37.0	E
All Monitoring Locations Combined														
All CB Locations	6					< 3.05	U	12	5.70	9.23	26.5	33.4	81.4	
All RB Locations	8					< 5.06	U	12	1.54	3.26	15.2	29.5	31.0	E
All AG Locations	8					< 4.13	U	4					< 7.66	U
All FB Locations	8					< 13.5	U	12					< 139	U
All Locations	30					< 7.82	U	40	2.34	5.11	23.4	41.4	73.0	E

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-241. Absolute and unit area toxic chemical loading estimates for PCB-057 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 6.09	U	3					< 189	U
CBX	1					< 1.85	U	3					< 154	U
RB111	2					< 3.39	U	3					< 75.4	U
RB202	2					< 13.0	U	3					< 126	U
AG174	2					< 6.40	U	1					< 5.80	U
AGG	2					< 1.66	U	1					< 6.66	U
FB200	2					< 8.48	U	3					< 84.9	U
FB203	2					< 16.2	U	3					< 143	U
All Snohomish CB Locations	3					< 3.94	U	6					< 187	U
All Snohomish RB Locations	4					< 7.23	U	6					< 97.0	U
All Snohomish AG Locations	4					< 4.27	U	2					< 6.51	U
All Snohomish FB Locations	4					< 15.5	U	6					< 145	U
All Snohomish Locations	15					< 11.4	U	20					< 147	U
Puyallup Watershed														
CBA	2					< 3.91	U	3					< 109	U
CBB	1					< 0.863	U	3					< 30.7	U
RB53	2					< 2.36	U	3					< 23.1	U
RB209	2					< 3.14	U	3					< 30.5	U
AG143	2					< 2.49	U	1					< 6.91	U
AG62	2					< 4.34	U	1					< 10.2	U
FB130	2					< 13.7	U	3					< 98.5	U
FB372	2					< 3.51	U	3					< 74.4	U
All Puyallup CB Locations	3					< 2.69	U	6					< 90.0	U
All Puyallup RB Locations	4					< 2.82	U	6					< 28.4	U
All Puyallup AG Locations	4					< 3.72	U	2					< 9.01	U
All Puyallup FB Locations	4					< 5.02	U	6					< 78.9	U
All Puyallup Locations	15					< 3.54	U	20					< 74.0	U
All Monitoring Locations Combined														
All CB Locations	6					< 3.05	U	12					< 130	U
All RB Locations	8					< 5.06	U	12					< 62.1	U
All AG Locations	8					< 4.13	U	4					< 7.66	U
All FB Locations	8					< 13.5	U	12					< 139	U
All Locations	30					< 7.82	U	40					< 117	U

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-242. Absolute and unit area toxic chemical loading estimates for PCB-058 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 6.09	U	3					< 189	U
CBX	1					< 1.85	U	3					< 154	U
RB111	2					< 3.39	U	3					< 75.4	U
RB202	2					< 13.0	U	3					< 126	U
AG174	2					< 6.40	U	1					< 5.80	U
AGG	2					< 1.66	U	1					< 6.66	U
FB200	2					< 8.48	U	3					< 84.9	U
FB203	2					< 16.2	U	3					< 143	U
All Snohomish CB Locations	3					< 3.94	U	6					< 187	U
All Snohomish RB Locations	4					< 7.23	U	6					< 97.0	U
All Snohomish AG Locations	4					< 4.27	U	2					< 6.51	U
All Snohomish FB Locations	4					< 15.5	U	6					< 145	U
All Snohomish Locations	15					< 11.4	U	20					< 147	U
Puyallup Watershed														
CBA	2					< 3.91	U	3					< 109	U
CBB	1					< 0.863	U	3					< 30.7	U
RB53	2					< 2.36	U	3					< 23.1	U
RB209	2					< 3.14	U	3					< 30.5	U
AG143	2					< 2.49	U	1					< 6.91	U
AG62	2					< 4.34	U	1					< 10.2	U
FB130	2					< 13.7	U	3					< 98.5	U
FB372	2					< 3.51	U	3					< 74.4	U
All Puyallup CB Locations	3					< 2.69	U	6					< 90.0	U
All Puyallup RB Locations	4					< 2.82	U	6					< 28.4	U
All Puyallup AG Locations	4					< 3.72	U	2					< 9.01	U
All Puyallup FB Locations	4					< 5.02	U	6					< 78.9	U
All Puyallup Locations	15					< 3.54	U	20					< 74.0	U
All Monitoring Locations Combined														
All CB Locations	6					< 3.05	U	12					< 130	U
All RB Locations	8					< 5.06	U	12					< 62.1	U
All AG Locations	8					< 4.13	U	4					< 7.66	U
All FB Locations	8					< 13.5	U	12					< 139	U
All Locations	30					< 7.82	U	40					< 117	U

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-243. Absolute and unit area toxic chemical loading estimates for PCB-061-074 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 6.09	U	3	40.1	41.3	44.8	93.7	110	
CBX	1					< 1.85	U	3	4.23	6.45	13.1	32.1	38.5	E
RB111	2					< 3.39	U	3	3.77	4.41	6.35	12.0	13.9	
RB202	2					< 13.0	U	3					< 126	U
AG174	2					< 6.40	U	1					< 5.80	U
AGG	2					< 1.66	U	1					< 6.66	U
FB200	2					< 8.48	U	3					< 84.9	U
FB203	2					< 16.2	U	3					< 143	U
All Snohomish CB Locations	3					< 3.94	U	6	4.28	13.2	39.3	44.3	109	
All Snohomish RB Locations	4					< 7.23	U	6	2.40	4.61	12.4	24.3	48.5	E
All Snohomish AG Locations	4					< 4.27	U	2					< 6.51	U
All Snohomish FB Locations	4					< 15.5	U	6					< 145	U
All Snohomish Locations	15					< 11.4	U	20	2.94	5.81	25.9	33.1	85.7	E
Puyallup Watershed														
CBA	2	1.96		1.98		2.00	E	3	5.70	6.04	7.06	13.6	15.7	
CBB	1					< 0.863	U	3	3.26	4.23	7.14	13.3	15.4	E
RB53	2					< 2.36	U	3					< 23.1	U
RB209	2					< 3.14	U	3					< 30.5	U
AG143	2					< 2.49	U	1					< 6.91	U
AG62	2					< 4.34	U	1					< 10.2	U
FB130	2					< 13.7	U	3					< 98.5	U
FB372	2					< 3.51	U	3					< 74.4	U
All Puyallup CB Locations	3	1.35	1.35	1.35	1.37	1.38	E	6	4.72	4.72	8.10	13.0	22.3	E
All Puyallup RB Locations	4					< 2.82	U	6					< 28.4	U
All Puyallup AG Locations	4					< 3.72	U	2					< 9.01	U
All Puyallup FB Locations	4					< 5.02	U	6					< 78.9	U
All Puyallup Locations	15	1.60	1.60	1.63	1.68	1.77	E	20	3.53	3.53	8.75	16.6	37.0	E
All Monitoring Locations Combined														
All CB Locations	6	1.52	1.52	1.52	1.52	1.56	E	12	2.99	6.38	14.1	27.4	76.0	
All RB Locations	8					< 5.06	U	12	1.54	3.26	12.9	22.5	31.0	E
All AG Locations	8					< 4.13	U	4					< 7.66	U
All FB Locations	8					< 13.5	U	12					< 139	U
All Locations	30	3.54	3.54	3.54	3.72	3.91	E	40	2.34	5.11	15.6	24.6	68.1	E

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-244. Absolute and unit area toxic chemical loading estimates for PCB-062 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 6.09	U	3					< 189	U
CBX	1					< 1.85	U	3					< 154	U
RB111	2					< 3.39	U	3					< 75.4	U
RB202	2					< 13.0	U	3					< 126	U
AG174	2					< 6.40	U	1					< 5.80	U
AGG	2					< 1.66	U	1					< 6.66	U
FB200	2					< 8.48	U	3					< 84.9	U
FB203	2					< 16.2	U	3					< 143	U
All Snohomish CB Locations	3					< 3.94	U	6					< 187	U
All Snohomish RB Locations	4					< 7.23	U	6					< 97.0	U
All Snohomish AG Locations	4					< 4.27	U	2					< 6.51	U
All Snohomish FB Locations	4					< 15.5	U	6					< 145	U
All Snohomish Locations	15					< 11.4	U	20					< 147	U
Puyallup Watershed														
CBA	2					< 3.91	U	3					< 109	U
CBB	1					< 0.863	U	3					< 30.7	U
RB53	2					< 2.36	U	3					< 23.1	U
RB209	2					< 3.14	U	3					< 30.5	U
AG143	2					< 2.49	U	1					< 6.91	U
AG62	2					< 4.34	U	1					< 10.2	U
FB130	2					< 13.7	U	3					< 98.5	U
FB372	2					< 3.51	U	3					< 74.4	U
All Puyallup CB Locations	3					< 2.69	U	6					< 90.0	U
All Puyallup RB Locations	4					< 2.82	U	6					< 28.4	U
All Puyallup AG Locations	4					< 3.72	U	2					< 9.01	U
All Puyallup FB Locations	4					< 5.02	U	6					< 78.9	U
All Puyallup Locations	15					< 3.54	U	20					< 74.0	U
All Monitoring Locations Combined														
All CB Locations	6					< 3.05	U	12					< 130	U
All RB Locations	8					< 5.06	U	12					< 62.1	U
All AG Locations	8					< 4.13	U	4					< 7.66	U
All FB Locations	8					< 13.5	U	12					< 139	U
All Locations	30					< 7.82	U	40					< 117	U

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-245. Absolute and unit area toxic chemical loading estimates for PCB-063 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 6.09	U	3					< 189	U
CBX	1					< 1.85	U	3					< 154	U
RB111	2					< 3.39	U	3					< 75.4	U
RB202	2					< 13.0	U	3					< 126	U
AG174	2					< 6.40	U	1					< 5.80	U
AGG	2					< 1.66	U	1					< 6.66	U
FB200	2					< 8.48	U	3					< 84.9	U
FB203	2					< 16.2	U	3					< 143	U
All Snohomish CB Locations	3					< 3.94	U	6					< 187	U
All Snohomish RB Locations	4					< 7.23	U	6					< 97.0	U
All Snohomish AG Locations	4					< 4.27	U	2					< 6.51	U
All Snohomish FB Locations	4					< 15.5	U	6					< 145	U
All Snohomish Locations	15					< 11.4	U	20					< 147	U
Puyallup Watershed														
CBA	2					< 3.91	U	3					< 109	U
CBB	1					< 0.863	U	3					< 30.7	U
RB53	2					< 2.36	U	3					< 23.1	U
RB209	2					< 3.14	U	3					< 30.5	U
AG143	2					< 2.49	U	1					< 6.91	U
AG62	2					< 4.34	U	1					< 10.2	U
FB130	2					< 13.7	U	3					< 98.5	U
FB372	2					< 3.51	U	3					< 74.4	U
All Puyallup CB Locations	3					< 2.69	U	6					< 90.0	U
All Puyallup RB Locations	4					< 2.82	U	6					< 28.4	U
All Puyallup AG Locations	4					< 3.72	U	2					< 9.01	U
All Puyallup FB Locations	4					< 5.02	U	6					< 78.9	U
All Puyallup Locations	15					< 3.54	U	20					< 74.0	U
All Monitoring Locations Combined														
All CB Locations	6					< 3.05	U	12					< 130	U
All RB Locations	8					< 5.06	U	12					< 62.1	U
All AG Locations	8					< 4.13	U	4					< 7.66	U
All FB Locations	8					< 13.5	U	12					< 139	U
All Locations	30					< 7.82	U	40					< 117	U

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-246. Absolute and unit area toxic chemical loading estimates for PCB-065 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 6.09	U	3					< 189	U
CBX	1					< 1.85	U	3					< 154	U
RB111	2					< 3.39	U	3					< 75.4	U
RB202	2					< 13.0	U	3					< 126	U
AG174	2					< 6.40	U	1					< 5.80	U
AGG	2					< 1.66	U	1					< 6.66	U
FB200	2					< 8.48	U	3					< 84.9	U
FB203	2					< 16.2	U	3					< 143	U
All Snohomish CB Locations	3					< 3.94	U	6					< 187	U
All Snohomish RB Locations	4					< 7.23	U	6					< 97.0	U
All Snohomish AG Locations	4					< 4.27	U	2					< 6.51	U
All Snohomish FB Locations	4					< 15.5	U	6					< 145	U
All Snohomish Locations	15					< 11.4	U	20					< 147	U
Puyallup Watershed														
CBA	2					< 3.91	U	3					< 109	U
CBB	1					< 0.863	U	3					< 30.7	U
RB53	2					< 2.36	U	3					< 23.1	U
RB209	2					< 3.14	U	3					< 30.5	U
AG143	2					< 2.49	U	1					< 6.91	U
AG62	2					< 4.34	U	1					< 10.2	U
FB130	2					< 13.7	U	3					< 98.5	U
FB372	2					< 3.51	U	3					< 74.4	U
All Puyallup CB Locations	3					< 2.69	U	6					< 90.0	U
All Puyallup RB Locations	4					< 2.82	U	6					< 28.4	U
All Puyallup AG Locations	4					< 3.72	U	2					< 9.01	U
All Puyallup FB Locations	4					< 5.02	U	6					< 78.9	U
All Puyallup Locations	15					< 3.54	U	20					< 74.0	U
All Monitoring Locations Combined														
All CB Locations	6					< 3.05	U	12					< 130	U
All RB Locations	8					< 5.06	U	12					< 62.1	U
All AG Locations	8					< 4.13	U	4					< 7.66	U
All FB Locations	8					< 13.5	U	12					< 139	U
All Locations	30					< 7.82	U	40					< 117	U

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-247. Absolute and unit area toxic chemical loading estimates for PCB-066-076-080 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 6.09	U	3	56.6	60.9	73.9	136	157	
CBX	1					< 1.85	U	3	13.1	15.0	20.8	34.1	38.5	
RB111	2					< 3.39	U	3	3.77	4.12	5.16	20.9	26.2	
RB202	2					< 13.0	U	3					< 126	U
AG174	2					< 6.40	U	1					< 5.80	U
AGG	2					< 1.66	U	1					< 6.66	U
FB200	2					< 8.48	U	3					< 84.9	U
FB203	2					< 16.2	U	3					< 143	U
All Snohomish CB Locations	3					< 3.94	U	6	13.2	21.0	47.4	73.1	156	
All Snohomish RB Locations	4					< 7.23	U	6	2.40	4.61	15.3	32.0	48.5	E
All Snohomish AG Locations	4					< 4.27	U	2					< 6.51	U
All Snohomish FB Locations	4					< 15.5	U	6					< 145	U
All Snohomish Locations	15					< 11.4	U	20	2.94	6.12	30.3	50.8	122	E
Puyallup Watershed														
CBA	2					< 3.91	U	3	9.77	12.1	19.0	25.3	27.4	
CBB	1					< 0.863	U	3	8.38	10.0	14.9	15.2	15.4	E
RB53	2					< 2.36	U	3	1.21	1.22	1.27	8.96	11.5	E
RB209	2					< 3.14	U	3					< 30.5	U
AG143	2					< 2.49	U	1					< 6.91	U
AG62	2					< 4.34	U	1					< 10.2	U
FB130	2					< 13.7	U	3					< 98.5	U
FB372	2					< 3.51	U	3					< 74.4	U
All Puyallup CB Locations	3					< 2.69	U	6	8.10	12.1	18.7	22.3	22.7	
All Puyallup RB Locations	4					< 2.82	U	6	1.49	1.49	4.19	13.5	14.2	E
All Puyallup AG Locations	4					< 3.72	U	2					< 9.01	U
All Puyallup FB Locations	4					< 5.02	U	6					< 78.9	U
All Puyallup Locations	15					< 3.54	U	20	3.53	3.53	13.9	16.8	37.0	E
All Monitoring Locations Combined														
All CB Locations	6					< 3.05	U	12	9.23	14.7	26.5	33.3	109	
All RB Locations	8					< 5.06	U	12	1.54	3.26	9.46	25.0	31.0	E
All AG Locations	8					< 4.13	U	4					< 7.66	U
All FB Locations	8					< 13.5	U	12					< 139	U
All Locations	30					< 7.82	U	40	2.34	5.11	23.2	33.6	97.3	E

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-248. Absolute and unit area toxic chemical loading estimates for PCB-067 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 6.09	U	3					< 189	U
CBX	1					< 1.85	U	3					< 154	U
RB111	2					< 3.39	U	3					< 75.4	U
RB202	2					< 13.0	U	3					< 126	U
AG174	2					< 6.40	U	1					< 5.80	U
AGG	2					< 1.66	U	1					< 6.66	U
FB200	2					< 8.48	U	3					< 84.9	U
FB203	2					< 16.2	U	3					< 143	U
All Snohomish CB Locations	3					< 3.94	U	6					< 187	U
All Snohomish RB Locations	4					< 7.23	U	6					< 97.0	U
All Snohomish AG Locations	4					< 4.27	U	2					< 6.51	U
All Snohomish FB Locations	4					< 15.5	U	6					< 145	U
All Snohomish Locations	15					< 11.4	U	20					< 147	U
Puyallup Watershed														
CBA	2					< 3.91	U	3					< 109	U
CBB	1					< 0.863	U	3					< 30.7	U
RB53	2					< 2.36	U	3					< 23.1	U
RB209	2					< 3.14	U	3					< 30.5	U
AG143	2					< 2.49	U	1					< 6.91	U
AG62	2					< 4.34	U	1					< 10.2	U
FB130	2					< 13.7	U	3					< 98.5	U
FB372	2					< 3.51	U	3					< 74.4	U
All Puyallup CB Locations	3					< 2.69	U	6					< 90.0	U
All Puyallup RB Locations	4					< 2.82	U	6					< 28.4	U
All Puyallup AG Locations	4					< 3.72	U	2					< 9.01	U
All Puyallup FB Locations	4					< 5.02	U	6					< 78.9	U
All Puyallup Locations	15					< 3.54	U	20					< 74.0	U
All Monitoring Locations Combined														
All CB Locations	6					< 3.05	U	12					< 130	U
All RB Locations	8					< 5.06	U	12					< 62.1	U
All AG Locations	8					< 4.13	U	4					< 7.66	U
All FB Locations	8					< 13.5	U	12					< 139	U
All Locations	30					< 7.82	U	40					< 117	U

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-249. Absolute and unit area toxic chemical loading estimates for PCB-069 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 6.09	U	3					< 189	U
CBX	1					< 1.85	U	3					< 154	U
RB111	2					< 3.39	U	3					< 75.4	U
RB202	2					< 13.0	U	3					< 126	U
AG174	2					< 6.40	U	1					< 5.80	U
AGG	2					< 1.66	U	1					< 6.66	U
FB200	2					< 8.48	U	3					< 84.9	U
FB203	2					< 16.2	U	3					< 143	U
All Snohomish CB Locations	3					< 3.94	U	6					< 187	U
All Snohomish RB Locations	4					< 7.23	U	6					< 97.0	U
All Snohomish AG Locations	4					< 4.27	U	2					< 6.51	U
All Snohomish FB Locations	4					< 15.5	U	6					< 145	U
All Snohomish Locations	15					< 11.4	U	20					< 147	U
Puyallup Watershed														
CBA	2					< 3.91	U	3					< 109	U
CBB	1					< 0.863	U	3					< 30.7	U
RB53	2					< 2.36	U	3					< 23.1	U
RB209	2					< 3.14	U	3					< 30.5	U
AG143	2					< 2.49	U	1					< 6.91	U
AG62	2					< 4.34	U	1					< 10.2	U
FB130	2					< 13.7	U	3					< 98.5	U
FB372	2					< 3.51	U	3					< 74.4	U
All Puyallup CB Locations	3					< 2.69	U	6					< 90.0	U
All Puyallup RB Locations	4					< 2.82	U	6					< 28.4	U
All Puyallup AG Locations	4					< 3.72	U	2					< 9.01	U
All Puyallup FB Locations	4					< 5.02	U	6					< 78.9	U
All Puyallup Locations	15					< 3.54	U	20					< 74.0	U
All Monitoring Locations Combined														
All CB Locations	6					< 3.05	U	12					< 130	U
All RB Locations	8					< 5.06	U	12					< 62.1	U
All AG Locations	8					< 4.13	U	4					< 7.66	U
All FB Locations	8					< 13.5	U	12					< 139	U
All Locations	30					< 7.82	U	40					< 117	U

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-250. Absolute and unit area toxic chemical loading estimates for PCB-070 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 6.09	U	3	244	244	244	497	582	
CBX	1					< 1.85	U	3	3.73	12.4	38.5	39.7	40.0	E
RB111	2					< 3.39	U	3	3.77	7.69	19.5	37.6	43.7	
RB202	2					< 13.0	U	3	3.13	5.66	13.3	27.0	31.6	E
AG174	2					< 6.40	U	1					< 5.80	U
AGG	2					< 1.66	U	1					< 6.66	U
FB200	2					< 8.48	U	3					< 84.9	U
FB203	2					< 16.2	U	3	3.62	4.60	7.55	29.9	37.4	E
All Snohomish CB Locations	3					< 3.94	U	6	3.77	38.9	141	241	576	
All Snohomish RB Locations	4					< 7.23	U	6	2.40	4.61	17.0	24.3	53.4	E
All Snohomish AG Locations	4					< 4.27	U	2					< 6.51	U
All Snohomish FB Locations	4					< 15.5	U	6	3.47	3.51	21.5	35.8	72.3	E
All Snohomish Locations	15					< 11.4	U	20	2.94	5.81	30.1	46.5	453	E
Puyallup Watershed														
CBA	2	1.96		4.27		6.59	E	3	21.2	24.2	33.1	49.0	54.3	
CBB	1			0.545				3	3.26	4.54	8.38	13.3	14.9	E
RB53	2	1.12		1.51		1.89	E	3	2.65	3.05	4.26	9.71	11.5	
RB209	2	1.57		1.57		1.57	E	3					< 30.5	U
AG143	2	1.25		1.81		2.37	E	1			9.21			
AG62	2					< 4.34	U	1					< 10.2	U
FB130	2					< 13.7	U	3	5.17	6.10	8.87	39.2	49.3	E
FB372	2					< 3.51	U	3	3.55	4.77	8.45	30.0	37.2	E
All Puyallup CB Locations	3	1.35	1.43	1.70	3.83	4.54		6	4.72	12.1	19.6	27.4	45.0	
All Puyallup RB Locations	4	1.34	1.38	1.41	1.83	2.26	E	6	1.49	3.27	6.04	13.5	14.2	E
All Puyallup AG Locations	4	1.77	1.77	1.82	2.61	3.36	E	2	4.51		8.26		12.0	E
All Puyallup FB Locations	4					< 5.02	U	6	3.76	3.76	7.71	35.8	39.4	E
All Puyallup Locations	15	1.60	1.60	1.68	1.96	5.39	E	20	3.53	4.79	10.9	26.2	37.0	E
All Monitoring Locations Combined														
All CB Locations	6	1.52	1.52	1.52	1.92	5.13	E	12	2.63	17.9	27.7	111	402	
All RB Locations	8	2.29	2.35	2.41	2.47	3.85	E	12	1.54	4.89	13.2	22.5	34.1	E
All AG Locations	8	1.87	1.87	1.97	2.02	3.74	E	4	3.47	3.65	3.83	7.03	10.2	E
All FB Locations	8					< 13.5	U	12	3.03	6.48	13.6	47.3	69.5	E
All Locations	30	3.54	3.54	3.54	3.72	11.9	E	40	2.34	5.11	18.5	38.0	360	E

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-251. Absolute and unit area toxic chemical loading estimates for PCB-071 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 6.09	U	3	18.1	18.7	20.4	55.2	66.8	
CBX	1					< 1.85	U	3					< 154	U
RB111	2					< 3.39	U	3	3.77	5.80	11.9	31.3	37.7	E
RB202	2					< 13.0	U	3					< 126	U
AG174	2					< 6.40	U	1					< 5.80	U
AGG	2					< 1.66	U	1					< 6.66	U
FB200	2					< 8.48	U	3					< 84.9	U
FB203	2					< 16.2	U	3					< 143	U
All Snohomish CB Locations	3					< 3.94	U	6	3.77	17.9	29.6	66.1	77.8	E
All Snohomish RB Locations	4					< 7.23	U	6	2.40	4.61	19.4	46.1	48.5	E
All Snohomish AG Locations	4					< 4.27	U	2					< 6.51	U
All Snohomish FB Locations	4					< 15.5	U	6					< 145	U
All Snohomish Locations	15					< 11.4	U	20	2.94	5.81	24.3	55.1	61.2	E
Puyallup Watershed														
CBA	2					< 3.91	U	3	5.70	6.04	7.06	42.5	54.3	E
CBB	1					< 0.863	U	3					< 30.7	U
RB53	2					< 2.36	U	3					< 23.1	U
RB209	2					< 3.14	U	3					< 30.5	U
AG143	2					< 2.49	U	1					< 6.91	U
AG62	2					< 4.34	U	1					< 10.2	U
FB130	2					< 13.7	U	3					< 98.5	U
FB372	2					< 3.51	U	3					< 74.4	U
All Puyallup CB Locations	3					< 2.69	U	6	4.72	4.72	13.7	22.3	45.0	E
All Puyallup RB Locations	4					< 2.82	U	6					< 28.4	U
All Puyallup AG Locations	4					< 3.72	U	2					< 9.01	U
All Puyallup FB Locations	4					< 5.02	U	6					< 78.9	U
All Puyallup Locations	15					< 3.54	U	20	3.53	3.53	16.1	24.3	37.0	E
All Monitoring Locations Combined														
All CB Locations	6					< 3.05	U	12	2.63	6.38	20.1	36.7	54.3	E
All RB Locations	8					< 5.06	U	12	1.54	3.26	14.9	29.5	31.0	E
All AG Locations	8					< 4.13	U	4					< 7.66	U
All FB Locations	8					< 13.5	U	12					< 139	U
All Locations	30					< 7.82	U	40	2.34	5.11	23.2	43.8	53.5	E

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-252. Absolute and unit area toxic chemical loading estimates for PCB-072 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)													
Baseflow							Storm Event						
n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed													
CB335	2				< 6.09	U	3					< 189	U
CBX	1				< 1.85	U	3					< 154	U
RB111	2				< 3.39	U	3					< 75.4	U
RB202	2				< 13.0	U	3					< 126	U
AG174	2				< 6.40	U	1					< 5.80	U
AGG	2				< 1.66	U	1					< 6.66	U
FB200	2				< 8.48	U	3					< 84.9	U
FB203	2				< 16.2	U	3					< 143	U
All Snohomish CB Locations	3				< 3.94	U	6					< 187	U
All Snohomish RB Locations	4				< 7.23	U	6					< 97.0	U
All Snohomish AG Locations	4				< 4.27	U	2					< 6.51	U
All Snohomish FB Locations	4				< 15.5	U	6					< 145	U
All Snohomish Locations	15				< 11.4	U	20					< 147	U
Puyallup Watershed													
CBA	2				< 3.91	U	3					< 109	U
CBB	1				< 0.863	U	3					< 30.7	U
RB53	2				< 2.36	U	3					< 23.1	U
RB209	2				< 3.14	U	3					< 30.5	U
AG143	2				< 2.49	U	1					< 6.91	U
AG62	2				< 4.34	U	1					< 10.2	U
FB130	2				< 13.7	U	3					< 98.5	U
FB372	2				< 3.51	U	3					< 74.4	U
All Puyallup CB Locations	3				< 2.69	U	6					< 90.0	U
All Puyallup RB Locations	4				< 2.82	U	6					< 28.4	U
All Puyallup AG Locations	4				< 3.72	U	2					< 9.01	U
All Puyallup FB Locations	4				< 5.02	U	6					< 78.9	U
All Puyallup Locations	15				< 3.54	U	20					< 74.0	U
All Monitoring Locations Combined													
All CB Locations	6				< 3.05	U	12					< 130	U
All RB Locations	8				< 5.06	U	12					< 62.1	U
All AG Locations	8				< 4.13	U	4					< 7.66	U
All FB Locations	8				< 13.5	U	12					< 139	U
All Locations	30				< 7.82	U	40					< 117	U

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-253. Absolute and unit area toxic chemical loading estimates for PCB-077 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 6.09	U	3	21.2	24.2	33.0	73.1	86.4	
CBX	1					< 1.85	U	3					< 15.4	U
RB111	2					< 3.39	U	3					< 7.54	U
RB202	2					< 13.0	U	3					< 12.6	U
AG174	2					< 6.40	U	1					< 5.80	U
AGG	2					< 1.66	U	1					< 6.66	U
FB200	2					< 8.48	U	3					< 8.49	U
FB203	2					< 16.2	U	3					< 14.3	U
All Snohomish CB Locations	3					< 3.94	U	6	3.77	3.89	14.4	32.7	85.6	E
All Snohomish RB Locations	4					< 7.23	U	6					< 9.70	U
All Snohomish AG Locations	4					< 4.27	U	2					< 6.51	U
All Snohomish FB Locations	4					< 15.5	U	6					< 14.5	U
All Snohomish Locations	15					< 11.4	U	20	2.94	3.03	5.81	6.12	67.3	E
Puyallup Watershed														
CBA	2					< 3.91	U	3					< 11.4	U
CBB	1					< 0.863	U	3					< 6.52	U
RB53	2					< 2.36	U	3					< 2.42	U
RB209	2					< 3.14	U	3					< 3.37	U
AG143	2					< 2.49	U	1					< 6.91	U
AG62	2					< 4.34	U	1					< 10.2	U
FB130	2					< 13.7	U	3					< 10.3	U
FB372	2					< 3.51	U	3					< 7.44	U
All Puyallup CB Locations	3					< 2.69	U	6					< 9.45	U
All Puyallup RB Locations	4					< 2.82	U	6					< 2.98	U
All Puyallup AG Locations	4					< 3.72	U	2					< 9.01	U
All Puyallup FB Locations	4					< 5.02	U	6					< 7.89	U
All Puyallup Locations	15					< 3.54	U	20					< 7.40	U
All Monitoring Locations Combined														
All CB Locations	6					< 3.05	U	12	2.61	2.70	5.43	10.2	59.7	E
All RB Locations	8					< 5.06	U	12					< 6.52	U
All AG Locations	8					< 4.13	U	4					< 7.66	U
All FB Locations	8					< 13.5	U	12					< 13.9	U
All Locations	30					< 7.82	U	40	2.31	2.41	4.62	5.11	53.5	E

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-254. Absolute and unit area toxic chemical loading estimates for PCB-078 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 6.09	U	3					< 189	U
CBX	1					< 1.85	U	3					< 154	U
RB111	2					< 3.39	U	3					< 75.4	U
RB202	2					< 13.0	U	3					< 126	U
AG174	2					< 6.40	U	1					< 5.80	U
AGG	2					< 1.66	U	1					< 6.66	U
FB200	2					< 8.48	U	3					< 84.9	U
FB203	2					< 16.2	U	3					< 143	U
All Snohomish CB Locations	3					< 3.94	U	6					< 187	U
All Snohomish RB Locations	4					< 7.23	U	6					< 97.0	U
All Snohomish AG Locations	4					< 4.27	U	2					< 6.51	U
All Snohomish FB Locations	4					< 15.5	U	6					< 145	U
All Snohomish Locations	15					< 11.4	U	20					< 147	U
Puyallup Watershed														
CBA	2					< 3.91	U	3					< 109	U
CBB	1					< 0.863	U	3					< 30.7	U
RB53	2					< 2.36	U	3					< 23.1	U
RB209	2					< 3.14	U	3					< 30.5	U
AG143	2					< 2.49	U	1					< 6.91	U
AG62	2					< 4.34	U	1					< 10.2	U
FB130	2					< 13.7	U	3					< 98.5	U
FB372	2					< 3.51	U	3					< 74.4	U
All Puyallup CB Locations	3					< 2.69	U	6					< 90.0	U
All Puyallup RB Locations	4					< 2.82	U	6					< 28.4	U
All Puyallup AG Locations	4					< 3.72	U	2					< 9.01	U
All Puyallup FB Locations	4					< 5.02	U	6					< 78.9	U
All Puyallup Locations	15					< 3.54	U	20					< 74.0	U
All Monitoring Locations Combined														
All CB Locations	6					< 3.05	U	12					< 130	U
All RB Locations	8					< 5.06	U	12					< 62.1	U
All AG Locations	8					< 4.13	U	4					< 7.66	U
All FB Locations	8					< 13.5	U	12					< 139	U
All Locations	30					< 7.82	U	40					< 117	U

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-255. Absolute and unit area toxic chemical loading estimates for PCB-079 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 6.09	U	3	11.8	18.4	38.1	80.3	94.3	E
CBX	1					< 1.85	U	3					< 154	U
RB111	2					< 3.39	U	3					< 75.4	U
RB202	2					< 13.0	U	3					< 126	U
AG174	2					< 6.40	U	1					< 5.80	U
AGG	2					< 1.66	U	1					< 6.66	U
FB200	2					< 8.48	U	3					< 84.9	U
FB203	2					< 16.2	U	3					< 143	U
All Snohomish CB Locations	3					< 3.94	U	6	3.77	11.7	38.3	77.8	93.3	E
All Snohomish RB Locations	4					< 7.23	U	6					< 97.0	U
All Snohomish AG Locations	4					< 4.27	U	2					< 6.51	U
All Snohomish FB Locations	4					< 15.5	U	6					< 145	U
All Snohomish Locations	15					< 11.4	U	20	2.94	5.81	30.3	58.1	73.5	E
Puyallup Watershed														
CBA	2					< 3.91	U	3					< 109	U
CBB	1					< 0.863	U	3					< 30.7	U
RB53	2					< 2.36	U	3					< 23.1	U
RB209	2					< 3.14	U	3					< 30.5	U
AG143	2					< 2.49	U	1					< 6.91	U
AG62	2					< 4.34	U	1					< 10.2	U
FB130	2					< 13.7	U	3					< 98.5	U
FB372	2					< 3.51	U	3					< 74.4	U
All Puyallup CB Locations	3					< 2.69	U	6					< 90.0	U
All Puyallup RB Locations	4					< 2.82	U	6					< 28.4	U
All Puyallup AG Locations	4					< 3.72	U	2					< 9.01	U
All Puyallup FB Locations	4					< 5.02	U	6					< 78.9	U
All Puyallup Locations	15					< 3.54	U	20					< 74.0	U
All Monitoring Locations Combined														
All CB Locations	6					< 3.05	U	12	2.63	6.92	26.6	42.1	65.2	E
All RB Locations	8					< 5.06	U	12					< 62.1	U
All AG Locations	8					< 4.13	U	4					< 7.66	U
All FB Locations	8					< 13.5	U	12					< 139	U
All Locations	30					< 7.82	U	40	2.34	5.11	23.5	46.2	58.4	E

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-256. Absolute and unit area toxic chemical loading estimates for PCB-081 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 6.09	U	3	4.72	5.89	9.43	19.5	22.8	E
CBX	1					< 1.85	U	3					< 15.4	U
RB111	2					< 3.39	U	3					< 7.54	U
RB202	2					< 13.0	U	3					< 12.6	U
AG174	2					< 6.40	U	1					< 5.80	U
AGG	2					< 1.66	U	1					< 6.66	U
FB200	2					< 8.48	U	3					< 8.49	U
FB203	2					< 16.2	U	3					< 14.3	U
All Snohomish CB Locations	3					< 3.94	U	6	3.77	3.89	6.22	9.33	22.6	E
All Snohomish RB Locations	4					< 7.23	U	6					< 9.70	U
All Snohomish AG Locations	4					< 4.27	U	2					< 6.51	U
All Snohomish FB Locations	4					< 15.5	U	6					< 14.5	U
All Snohomish Locations	15					< 11.4	U	20	2.94	3.03	4.74	6.12	17.8	E
Puyallup Watershed														
CBA	2					< 3.91	U	3					< 11.4	U
CBB	1					< 0.863	U	3					< 6.52	U
RB53	2					< 2.36	U	3					< 2.42	U
RB209	2					< 3.14	U	3					< 3.37	U
AG143	2					< 2.49	U	1					< 6.91	U
AG62	2					< 4.34	U	1					< 10.2	U
FB130	2					< 13.7	U	3					< 10.3	U
FB372	2					< 3.51	U	3					< 7.44	U
All Puyallup CB Locations	3					< 2.69	U	6					< 9.45	U
All Puyallup RB Locations	4					< 2.82	U	6					< 2.98	U
All Puyallup AG Locations	4					< 3.72	U	2					< 9.01	U
All Puyallup FB Locations	4					< 5.02	U	6					< 7.89	U
All Puyallup Locations	15					< 3.54	U	20					< 7.40	U
All Monitoring Locations Combined														
All CB Locations	6					< 3.05	U	12	2.61	2.70	4.34	5.70	15.7	E
All RB Locations	8					< 5.06	U	12					< 6.52	U
All AG Locations	8					< 4.13	U	4					< 7.66	U
All FB Locations	8					< 13.5	U	12					< 13.9	U
All Locations	30					< 7.82	U	40	2.31	2.41	4.62	5.11	14.1	E

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-257. Absolute and unit area toxic chemical loading estimates for PCB-082 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 6.09	U	3	94.3	98.2	110	193	220	
CBX	1					< 1.85	U	3					< 154	U
RB111	2					< 3.39	U	3					< 75.4	U
RB202	2					< 13.0	U	3					< 126	U
AG174	2					< 6.40	U	1					< 5.80	U
AGG	2					< 1.66	U	1					< 6.66	U
FB200	2					< 8.48	U	3					< 84.9	U
FB203	2					< 16.2	U	3					< 143	U
All Snohomish CB Locations	3					< 3.94	U	6	3.77	38.9	85.6	109	< 218	E
All Snohomish RB Locations	4					< 7.23	U	6					< 97.0	U
All Snohomish AG Locations	4					< 4.27	U	2					< 6.51	U
All Snohomish FB Locations	4					< 15.5	U	6					< 145	U
All Snohomish Locations	15					< 11.4	U	20	2.94	5.81	30.6	61.2	171	E
Puyallup Watershed														
CBA	2					< 3.91	U	3	5.70	6.18	7.60	18.6	22.3	
CBB	1					< 0.863	U	3	3.26	3.69	4.97	12.8	15.4	E
RB53	2					< 2.36	U	3					< 23.1	U
RB209	2					< 3.14	U	3					< 30.5	U
AG143	2					< 2.49	U	1					< 6.91	U
AG62	2					< 4.34	U	1					< 10.2	U
FB130	2					< 13.7	U	3					< 98.5	U
FB372	2					< 3.51	U	3					< 74.4	U
All Puyallup CB Locations	3					< 2.69	U	6	4.72	4.72	6.75	18.4	22.3	E
All Puyallup RB Locations	4					< 2.82	U	6					< 28.4	U
All Puyallup AG Locations	4					< 3.72	U	2					< 9.01	U
All Puyallup FB Locations	4					< 5.02	U	6					< 78.9	U
All Puyallup Locations	15					< 3.54	U	20	3.53	3.53	9.59	16.6	37.0	E
All Monitoring Locations Combined														
All CB Locations	6					< 3.05	U	12	2.63	6.65	24.6	59.7	152	E
All RB Locations	8					< 5.06	U	12					< 62.1	U
All AG Locations	8					< 4.13	U	4					< 7.66	U
All FB Locations	8					< 13.5	U	12					< 139	U
All Locations	30					< 7.82	U	40	2.34	5.11	23.4	46.2	136	E

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-258. Absolute and unit area toxic chemical loading estimates for PCB-083-108 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 6.09	U	3	33.8	34.2	35.4	67.8	78.6	
CBX	1					< 1.85	U	3					< 154	U
RB111	2					< 3.39	U	3					< 75.4	U
RB202	2					< 13.0	U	3					< 126	U
AG174	2					< 6.40	U	1					< 5.80	U
AGG	2					< 1.66	U	1					< 6.66	U
FB200	2					< 8.48	U	3					< 84.9	U
FB203	2					< 16.2	U	3					< 143	U
All Snohomish CB Locations	3					< 3.94	U	6	3.77	33.4	36.9	77.8	77.8	E
All Snohomish RB Locations	4					< 7.23	U	6					< 97.0	U
All Snohomish AG Locations	4					< 4.27	U	2					< 6.51	U
All Snohomish FB Locations	4					< 15.5	U	6					< 145	U
All Snohomish Locations	15					< 11.4	U	20	2.94	5.81	30.3	58.1	61.2	E
Puyallup Watershed														
CBA	2					< 3.91	U	3	5.70	5.91	6.51	42.3	54.3	E
CBB	1					< 0.863	U	3					< 30.7	U
RB53	2					< 2.36	U	3					< 23.1	U
RB209	2					< 3.14	U	3					< 30.5	U
AG143	2					< 2.49	U	1					< 6.91	U
AG62	2					< 4.34	U	1					< 10.2	U
FB130	2					< 13.7	U	3					< 98.5	U
FB372	2					< 3.51	U	3					< 74.4	U
All Puyallup CB Locations	3					< 2.69	U	6	4.72	4.72	13.5	22.3	45.0	E
All Puyallup RB Locations	4					< 2.82	U	6					< 28.4	U
All Puyallup AG Locations	4					< 3.72	U	2					< 9.01	U
All Puyallup FB Locations	4					< 5.02	U	6					< 78.9	U
All Puyallup Locations	15					< 3.54	U	20	3.53	3.53	16.1	24.3	37.0	E
All Monitoring Locations Combined														
All CB Locations	6					< 3.05	U	12	2.63	6.11	25.2	40.7	54.3	E
All RB Locations	8					< 5.06	U	12					< 62.1	U
All AG Locations	8					< 4.13	U	4					< 7.66	U
All FB Locations	8					< 13.5	U	12					< 139	U
All Locations	30					< 7.82	U	40	2.34	5.11	23.4	46.2	53.5	E

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-259. Absolute and unit area toxic chemical loading estimates for PCB-084 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2	5.12		6.25		7.37		3	212	216	228	399	456	
CBX	1					< 1.85	U	3	8.47	12.1	23.1	34.6	38.5	E
RB111	2					< 3.39	U	3	3.77	5.31	9.92	15.6	17.5	
RB202	2					< 13.0	U	3	3.13	4.08	6.95	25.4	31.6	E
AG174	2					< 6.40	U	1					< 5.80	U
AGG	2					< 1.66	U	1					< 6.66	U
FB200	2					< 8.48	U	3					< 84.9	U
FB203	2					< 16.2	U	3					< 143	U
All Snohomish CB Locations	3	1.97	2.31	3.32	4.41	4.77		6	8.56	23.3	124	226	451	
All Snohomish RB Locations	4					< 7.23	U	6	2.40	4.61	8.73	21.3	24.3	E
All Snohomish AG Locations	4					< 4.27	U	2					< 6.51	U
All Snohomish FB Locations	4					< 15.5	U	6					< 145	U
All Snohomish Locations	15	5.16	5.16	5.16	5.43	12.5	E	20	2.94	6.12	22.6	44.4	355	E
Puyallup Watershed														
CBA	2	1.96		2.83		3.71	E	3	13.6	16.1	23.9	34.9	38.5	
CBB	1					< 0.863	U	3	3.26	3.84	5.59	10.9	12.7	
RB53	2					< 2.36	U	3	1.15	1.17	1.21	8.95	11.5	E
RB209	2					< 3.14	U	3					< 30.5	U
AG143	2	1.25		1.31		1.37	E	1					< 6.91	U
AG62	2					< 4.34	U	1					< 10.2	U
FB130	2					< 13.7	U	3					< 98.5	U
FB372	2					< 3.51	U	3	3.55	3.85	4.73	29.1	37.2	E
All Puyallup CB Locations	3	1.35	1.35	1.35	2.25	2.55	E	6	4.72	8.10	14.8	19.8	31.9	
All Puyallup RB Locations	4					< 2.82	U	6	1.42	1.49	4.15	13.5	14.2	E
All Puyallup AG Locations	4	1.77	1.77	1.82	1.90	1.95	E	2					< 9.01	U
All Puyallup FB Locations	4					< 5.02	U	6	3.76	3.76	11.3	35.8	39.4	E
All Puyallup Locations	15	1.60	1.60	1.68	1.68	3.03	E	20	3.36	3.53	7.23	20.2	37.0	E
All Monitoring Locations Combined														
All CB Locations	6	1.52	1.52	2.05	2.89	3.69	E	12	5.70	11.7	23.1	92.6	315	
All RB Locations	8					< 5.06	U	12	1.54	3.18	5.58	15.2	31.0	E
All AG Locations	8	1.87	1.87	1.97	2.02	2.16	E	4					< 7.66	U
All FB Locations	8					< 13.5	U	12	3.03	6.64	31.1	61.6	69.5	E
All Locations	30	3.54	3.54	3.63	3.72	8.57	E	40	2.34	5.11	13.4	29.4	282	E

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-260. Absolute and unit area toxic chemical loading estimates for PCB-085-120 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 6.09	U	3	102	104	110	204	236	
CBX	1					< 1.85	U	3					< 154	U
RB111	2					< 3.39	U	3					< 75.4	U
RB202	2					< 13.0	U	3					< 126	U
AG174	2					< 6.40	U	1					< 5.80	U
AGG	2					< 1.66	U	1					< 6.66	U
FB200	2					< 8.48	U	3					< 84.9	U
FB203	2					< 16.2	U	3					< 143	U
All Snohomish CB Locations	3					< 3.94	U	6	3.77	38.9	89.4	109	233	E
All Snohomish RB Locations	4					< 7.23	U	6					< 97.0	U
All Snohomish AG Locations	4					< 4.27	U	2					< 6.51	U
All Snohomish FB Locations	4					< 15.5	U	6					< 145	U
All Snohomish Locations	15					< 11.4	U	20	2.94	5.81	30.6	61.2	184	E
Puyallup Watershed														
CBA	2					< 3.91	U	3	5.70	6.04	7.06	16.4	19.5	
CBB	1					< 0.863	U	3	3.26	3.76	5.28	12.8	15.4	E
RB53	2					< 2.36	U	3	1.15	1.17	1.21	8.95	11.5	E
RB209	2					< 3.14	U	3					< 30.5	U
AG143	2					< 2.49	U	1					< 6.91	U
AG62	2					< 4.34	U	1					< 10.2	U
FB130	2					< 13.7	U	3					< 98.5	U
FB372	2					< 3.51	U	3					< 74.4	U
All Puyallup CB Locations	3					< 2.69	U	6	4.72	4.72	6.75	16.2	22.3	E
All Puyallup RB Locations	4					< 2.82	U	6	1.42	1.49	4.15	13.5	14.2	E
All Puyallup AG Locations	4					< 3.72	U	2					< 9.01	U
All Puyallup FB Locations	4					< 5.02	U	6					< 78.9	U
All Puyallup Locations	15					< 3.54	U	20	3.36	3.53	5.05	16.6	37.0	E
All Monitoring Locations Combined														
All CB Locations	6					< 3.05	U	12	2.63	6.38	23.2	62.4	163	E
All RB Locations	8					< 5.06	U	12	1.54	3.18	15.2	29.5	31.0	E
All AG Locations	8					< 4.13	U	4					< 7.66	U
All FB Locations	8					< 13.5	U	12					< 139	U
All Locations	30					< 7.82	U	40	2.34	5.11	23.2	46.2	146	E

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-261. Absolute and unit area toxic chemical loading estimates for PCB-086-087-097-111-115-116-11 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2	8.97		11.4		13.8		3	574	605	699	1180	1340	
CBX	1			0.975				3	25.4	28.7	38.5	40.2	40.8	E
RB111	2					< 3.39	U	3	3.77	6.70	15.5	25.0	28.2	
RB202	2					< 13.0	U	3	3.13	5.66	13.3	27.0	31.6	E
AG174	2					< 6.40	U	1					< 5.80	U
AGG	2					< 1.66	U	1					< 6.66	U
FB200	2					< 8.48	U	3					< 84.9	U
FB203	2					< 16.2	U	3	3.62	4.79	8.30	30.1	37.4	E
All Snohomish CB Locations	3	2.07	3.01	5.81	8.14	8.92		6	25.7	38.9	305	692	1320	
All Snohomish RB Locations	4					< 7.23	U	6	2.40	4.61	14.6	24.3	34.4	E
All Snohomish AG Locations	4					< 4.27	U	2					< 6.51	U
All Snohomish FB Locations	4					< 15.5	U	6	3.47	3.51	21.9	35.8	72.3	E
All Snohomish Locations	15	5.16	5.16	5.16	5.43	23.4	E	20	2.94	6.12	27.1	37.9	1040	E
Puyallup Watershed														
CBA	2	1.96		5.82		9.68	E	3	19.5	27.3	50.5	94.0	109	
CBB	1			0.681				3	11.8	11.9	12.1	24.7	28.9	
RB53	2	1.12		1.51		1.89	E	3	4.03	4.15	4.50	9.77	11.5	
RB209	2	1.57		1.65		1.73	E	3	1.54	1.58	1.68	11.8	15.2	E
AG143	2	3.37		4.05		4.74		1			13.5			
AG62	2	2.17		2.43		2.69	E	1			12.1			
FB130	2	6.85		7.54		8.22	E	3	9.36	10.2	12.8	40.2	49.3	
FB372	2	1.76		1.89		2.03	E	3	6.08	6.93	9.46	30.3	37.2	
All Puyallup CB Locations	3	1.35	1.54	2.13	5.53	6.66		6	16.2	17.1	29.7	41.8	90.0	
All Puyallup RB Locations	4	1.34	1.38	1.48	1.90	2.26	E	6	1.36	1.49	5.25	13.5	14.2	E
All Puyallup AG Locations	4	1.86	2.08	3.54	5.76	6.73		2	10.7		14.2		17.6	
All Puyallup FB Locations	4	2.38	2.45	2.63	2.89	3.01	E	6	6.45	6.81	9.68	35.8	39.4	
All Puyallup Locations	15	1.60	1.68	1.85	2.65	7.91		20	3.23	8.58	13.0	31.6	67.3	
All Monitoring Locations Combined														
All CB Locations	6	1.52	1.60	3.45	6.90	7.54		12	17.9	20.9	39.6	252	923	
All RB Locations	8	2.29	2.35	2.41	2.59	3.85	E	12	1.54	3.12	11.5	18.8	31.0	E
All AG Locations	8	1.87	1.87	2.02	3.93	7.47	E	4	3.47	3.65	6.48	12.0	15.0	E
All FB Locations	8	6.41	6.41	6.41	7.09	8.10	E	12	3.03	9.17	17.1	47.3	69.5	E
All Locations	30	3.54	3.54	3.72	4.84	17.5	E	40	2.34	9.00	19.0	45.3	827	

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-262. Absolute and unit area toxic chemical loading estimates for PCB-088-121 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 6.09	U	3					< 189	U
CBX	1					< 1.85	U	3					< 154	U
RB111	2					< 3.39	U	3					< 75.4	U
RB202	2					< 13.0	U	3					< 126	U
AG174	2					< 6.40	U	1					< 5.80	U
AGG	2					< 1.66	U	1					< 6.66	U
FB200	2					< 8.48	U	3					< 84.9	U
FB203	2					< 16.2	U	3					< 143	U
All Snohomish CB Locations	3					< 3.94	U	6					< 187	U
All Snohomish RB Locations	4					< 7.23	U	6					< 97.0	U
All Snohomish AG Locations	4					< 4.27	U	2					< 6.51	U
All Snohomish FB Locations	4					< 15.5	U	6					< 145	U
All Snohomish Locations	15					< 11.4	U	20					< 147	U
Puyallup Watershed														
CBA	2					< 3.91	U	3					< 109	U
CBB	1					< 0.863	U	3					< 30.7	U
RB53	2					< 2.36	U	3					< 23.1	U
RB209	2					< 3.14	U	3					< 30.5	U
AG143	2					< 2.49	U	1					< 6.91	U
AG62	2					< 4.34	U	1					< 10.2	U
FB130	2					< 13.7	U	3					< 98.5	U
FB372	2					< 3.51	U	3					< 74.4	U
All Puyallup CB Locations	3					< 2.69	U	6					< 90.0	U
All Puyallup RB Locations	4					< 2.82	U	6					< 28.4	U
All Puyallup AG Locations	4					< 3.72	U	2					< 9.01	U
All Puyallup FB Locations	4					< 5.02	U	6					< 78.9	U
All Puyallup Locations	15					< 3.54	U	20					< 74.0	U
All Monitoring Locations Combined														
All CB Locations	6					< 3.05	U	12					< 130	U
All RB Locations	8					< 5.06	U	12					< 62.1	U
All AG Locations	8					< 4.13	U	4					< 7.66	U
All FB Locations	8					< 13.5	U	12					< 139	U
All Locations	30					< 7.82	U	40					< 117	U

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-263. Absolute and unit area toxic chemical loading estimates for PCB-089-090-101 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2	11.9		17.0		22.1		3	456	489	589	1150	1340	
CBX	1			1.37				3	25.0	28.4	38.5	48.9	52.4	E
RB111	2					< 3.39	U	3	3.77	8.49	22.6	27.1	28.6	
RB202	2					< 13.0	U	3	3.13	6.61	17.1	28.0	31.6	E
AG174	2					< 6.40	U	1					< 6.08	U
AGG	2	0.832		0.942		1.05	E	1					< 6.66	U
FB200	2					< 8.48	U	3	2.06	2.71	4.67	16.9	21.0	E
FB203	2	8.12		9.61		11.1	E	3	3.62	5.36	10.6	30.6	37.4	E
All Snohomish CB Locations	3	2.90	4.10	7.67	12.7	14.3		6	25.3	38.9	252	583	1320	
All Snohomish RB Locations	4					< 7.23	U	6	2.40	4.61	18.7	27.7	34.9	E
All Snohomish AG Locations	4	2.03	2.03	2.08	2.35	2.56	E	2					< 6.82	U
All Snohomish FB Locations	4	7.75	7.75	7.75	9.18	10.6	E	6	3.47	3.51	9.04	35.8	35.8	E
All Snohomish Locations	15	5.16	5.16	5.43	6.92	37.5	E	20	2.94	6.27	25.1	38.3	1040	E
Puyallup Watershed														
CBA	2	7.21		10.5		13.8		3	42.9	52.5	81.4	93.6	97.7	
CBB	1			0.954				3	9.62	10.2	11.8	28.6	34.1	
RB53	2	1.12		1.92		2.72	E	3	3.92	4.09	4.61	9.80	11.5	
RB209	2	1.57		2.12		2.67	E	3	1.68	1.70	1.76	11.9	15.2	E
AG143	2	6.48		7.29		8.10		1			18.7			
AG62	2	2.17		3.05		3.93	E	1			15.5			
FB130	2	6.85		8.57		10.3	E	3	6.90	8.87	14.8	40.6	49.3	
FB372	2	1.76		2.17		2.59	E	3	7.77	8.37	10.1	30.4	37.2	
All Puyallup CB Locations	3	2.98	3.47	4.96	8.37	9.50		6	13.9	17.1	42.5	67.5	81.0	
All Puyallup RB Locations	4	1.34	1.38	1.90	2.82	3.25	E	6	1.49	1.56	5.25	13.5	14.2	E
All Puyallup AG Locations	4	1.86	2.61	6.29	10.4	11.5		2	13.7		19.1		24.5	
All Puyallup FB Locations	4	2.38	2.45	3.01	3.64	3.76	E	6	5.02	8.24	10.8	35.8	39.4	
All Puyallup Locations	15	1.60	1.70	2.86	5.39	11.3		20	3.53	10.1	13.1	33.6	60.6	
All Monitoring Locations Combined														
All CB Locations	6	2.25	3.37	5.77	10.7	11.1		12	16.8	23.9	51.3	206	923	
All RB Locations	8	2.29	2.35	2.41	3.31	5.54	E	12	1.54	3.34	11.5	20.0	31.0	E
All AG Locations	8	1.87	1.92	2.21	6.98	12.8	E	4	3.47	3.74	7.85	16.2	20.8	E
All FB Locations	8	6.41	6.41	6.58	9.11	10.1	E	12	3.03	7.90	16.8	31.3	69.5	E
All Locations	30	3.54	3.54	4.19	7.82	25.7	E	40	2.34	6.81	19.0	42.3	827	

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-264. Absolute and unit area toxic chemical loading estimates for PCB-091 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 6.09	U	3	86.4	88.4	94.3	177	204	
CBX	1					< 1.85	U	3	3.73	5.69	11.5	31.8	38.5	E
RB111	2					< 3.39	U	3	3.77	4.02	4.76	17.6	21.8	E
RB202	2					< 13.0	U	3					< 126	U
AG174	2					< 6.40	U	1					< 5.80	U
AGG	2					< 1.66	U	1					< 6.66	U
FB200	2					< 8.48	U	3					< 84.9	U
FB203	2					< 16.2	U	3					< 143	U
All Snohomish CB Locations	3					< 3.94	U	6	3.77	11.7	62.2	93.3	202	
All Snohomish RB Locations	4					< 7.23	U	6	2.40	4.61	15.0	26.7	48.5	E
All Snohomish AG Locations	4					< 4.27	U	2					< 6.51	U
All Snohomish FB Locations	4					< 15.5	U	6					< 145	U
All Snohomish Locations	15					< 11.4	U	20	2.94	5.81	30.3	59.7	159	E
Puyallup Watershed														
CBA	2					< 3.91	U	3	7.60	8.41	10.9	18.2	20.6	
CBB	1					< 0.863	U	3	3.26	3.61	4.66	12.7	15.4	E
RB53	2					< 2.36	U	3					< 23.1	U
RB209	2					< 3.14	U	3					< 30.5	U
AG143	2					< 2.49	U	1					< 6.91	U
AG62	2					< 4.34	U	1					< 10.2	U
FB130	2					< 13.7	U	3					< 98.5	U
FB372	2					< 3.51	U	3					< 74.4	U
All Puyallup CB Locations	3					< 2.69	U	6	4.72	6.30	7.87	17.1	22.3	
All Puyallup RB Locations	4					< 2.82	U	6					< 28.4	U
All Puyallup AG Locations	4					< 3.72	U	2					< 9.01	U
All Puyallup FB Locations	4					< 5.02	U	6					< 78.9	U
All Puyallup Locations	15					< 3.54	U	20	3.53	3.53	9.76	16.6	37.0	E
All Monitoring Locations Combined														
All CB Locations	6					< 3.05	U	12	2.63	7.87	15.7	43.4	141	
All RB Locations	8					< 5.06	U	12	1.54	3.26	14.9	23.3	31.0	E
All AG Locations	8					< 4.13	U	4					< 7.66	U
All FB Locations	8					< 13.5	U	12					< 139	U
All Locations	30					< 7.82	U	40	2.34	5.11	20.8	36.5	127	E

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-265. Absolute and unit area toxic chemical loading estimates for PCB-092 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	
Snohomish Watershed														
CB335	2				< 6.09	U	3	118	124	141	277	322		
CBX	1				< 1.85	U	3	6.16	7.89	13.1	32.1	38.5	E	
RB111	2				< 3.39	U	3	3.77	4.22	5.56	7.64	8.34		
RB202	2				< 13.0	U	3	3.13	3.93	6.32	49.0	63.2	E	
AG174	2				< 6.40	U	1					< 5.80	U	
AGG	2				< 1.66	U	1					< 6.66	U	
FB200	2				< 8.48	U	3					< 84.9	U	
FB203	2				< 16.2	U	3					< 143	U	
All Snohomish CB Locations	3				< 3.94	U	6	6.22	13.2	77.8	140	319		
All Snohomish RB Locations	4				< 7.23	U	6	2.40	4.61	5.82	10.2	48.5	E	
All Snohomish AG Locations	4				< 4.27	U	2					< 6.51	U	
All Snohomish FB Locations	4				< 15.5	U	6					< 145	U	
All Snomomish Locations	15				< 11.4	U	20	2.94	5.81	11.6	59.7	251	E	
Puyallup Watershed														
CBA	2	1.96		2.62		3.29	E	3	11.4	13.4	19.5	25.6	27.7	
CBB	1					< 0.863	U	3	3.26	4.07	6.52	13.2	15.4	E
RB53	2					< 2.36	U	3					< 23.1	U
RB209	2					< 3.14	U	3					< 30.5	U
AG143	2	1.25		1.31		1.37	E	1					< 6.91	U
AG62	2					< 4.34	U	1					< 10.2	U
FB130	2					< 13.7	U	3					< 98.5	U
FB372	2					< 3.51	U	3					< 74.4	U
All Puyallup CB Locations	3	1.35	1.35	1.35	2.04	2.27	E	6	4.72	9.45	12.8	22.3	22.9	
All Puyallup RB Locations	4					< 2.82	U	6					< 28.4	U
All Puyallup AG Locations	4	1.77	1.77	1.82	1.90	1.95	E	2					< 9.01	U
All Puyallup FB Locations	4					< 5.02	U	6					< 78.9	U
All Puyallup Locations	15	1.60	1.60	1.68	1.68	2.69	E	20	3.53	3.53	14.0	16.9	37.0	E
All Monitoring Locations Combined														
All CB Locations	6	1.52	1.52	1.52	1.52	2.57	E	12	4.34	10.3	23.2	54.6	223	
All RB Locations	8					< 5.06	U	12	1.54	3.18	5.43	22.2	31.0	E
All AG Locations	8	1.87	1.87	1.97	2.02	2.16	E	4					< 7.66	U
All FB Locations	8					< 13.5	U	12					< 139	U
All Locations	30	3.54	3.54	3.54	3.72	5.96	E	40	2.34	5.11	13.9	35.5	200	E

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-266. Absolute and unit area toxic chemical loading estimates for PCB-093-095 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2	17.6		19.4		21.1		3	582	599	652	1170	1340	
CBX	1			2.34				3	3.73	12.4	38.5	73.1	84.7	E
RB111	2					< 3.39	U	3	3.77	8.78	23.8	35.1	38.9	E
RB202	2					< 13.0	U	3	3.13	9.14	27.2	30.5	31.6	E
AG174	2					< 6.40	U	1					< 5.80	U
AGG	2	0.832		1.16		1.49	E	1					< 6.66	U
FB200	2					< 8.48	U	3	2.06	3.45	7.64	17.7	21.0	E
FB203	2	8.12		10.0		12.0	E	3	3.62	7.24	18.1	32.5	37.4	E
All Snohomish CB Locations	3	4.98	6.59	11.4	13.1	13.7		6	3.77	38.9	331	646	1320	
All Snohomish RB Locations	4					< 7.23	U	6	2.40	4.61	22.6	29.1	47.5	E
All Snohomish AG Locations	4	2.03	2.03	2.08	2.88	3.63	E	2					< 6.51	U
All Snohomish FB Locations	4	7.75	7.75	7.75	9.58	11.4	E	6	3.47	3.51	15.2	35.8	35.8	E
All Snohomish Locations	15	5.16	5.16	5.43	8.83	35.8	E	20	2.94	5.81	28.3	48.4	1040	E
Puyallup Watershed														
CBA	2	5.76		10.1		14.4		3	11.4	20.6	48.3	114	136	
CBB	1			1.09				3	14.0	15.3	19.2	32.7	37.3	
RB53	2	1.12		1.86		2.60	E	3	4.03	4.06	4.15	9.68	11.5	
RB209	2	1.57		2.20		2.82	E	3	1.68	1.98	2.89	12.1	15.2	E
AG143	2	5.11		6.79		8.48		1			24.7			
AG62	2	2.17		3.15		4.13	E	1			18.9			
FB130	2	6.85		8.91		11.0	E	3	18.7	19.1	20.2	42.0	49.3	
FB372	2	1.76		2.17		2.59	E	3	13.2	13.4	13.9	31.4	37.2	
All Puyallup CB Locations	3	3.40	3.54	3.97	8.44	9.92		6	9.45	20.2	34.0	54.0	112	
All Puyallup RB Locations	4	1.34	1.38	1.98	2.82	3.10	E	6	1.49	2.56	5.04	13.5	14.2	E
All Puyallup AG Locations	4	1.86	2.70	5.40	9.65	12.0		2	16.7		24.5		32.2	
All Puyallup FB Locations	4	2.38	2.45	3.01	3.76	4.01	E	6	13.6	14.0	14.7	35.8	39.4	
All Puyallup Locations	15	1.60	1.70	3.03	4.55	11.8		20	3.53	12.4	14.5	32.8	84.1	
All Monitoring Locations Combined														
All CB Locations	6	3.85	3.85	6.66	10.6	11.2		12	2.63	25.8	54.0	269	923	
All RB Locations	8	2.29	2.35	2.41	3.43	5.30	E	12	1.54	4.42	12.3	24.0	31.0	E
All AG Locations	8	1.87	1.92	2.70	6.00	13.4	E	4	3.47	3.65	9.03	20.8	27.4	E
All FB Locations	8	6.41	6.41	6.58	9.45	10.8	E	12	3.03	13.3	25.3	31.3	69.5	E
All Locations	30	3.54	3.54	4.56	8.94	26.1	E	40	2.34	9.49	21.4	47.0	827	

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-267. Absolute and unit area toxic chemical loading estimates for PCB-094 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 6.09	U	3					< 189	U
CBX	1					< 1.85	U	3					< 154	U
RB111	2					< 3.39	U	3					< 75.4	U
RB202	2					< 13.0	U	3					< 126	U
AG174	2					< 6.40	U	1					< 5.80	U
AGG	2					< 1.66	U	1					< 6.66	U
FB200	2					< 8.48	U	3					< 84.9	U
FB203	2					< 16.2	U	3					< 143	U
All Snohomish CB Locations	3					< 3.94	U	6					< 187	U
All Snohomish RB Locations	4					< 7.23	U	6					< 97.0	U
All Snohomish AG Locations	4					< 4.27	U	2					< 6.51	U
All Snohomish FB Locations	4					< 15.5	U	6					< 145	U
All Snohomish Locations	15					< 11.4	U	20					< 147	U
Puyallup Watershed														
CBA	2					< 3.91	U	3					< 109	U
CBB	1					< 0.863	U	3					< 30.7	U
RB53	2					< 2.36	U	3					< 23.1	U
RB209	2					< 3.14	U	3					< 30.5	U
AG143	2					< 2.49	U	1					< 6.91	U
AG62	2					< 4.34	U	1					< 10.2	U
FB130	2					< 13.7	U	3					< 98.5	U
FB372	2					< 3.51	U	3					< 74.4	U
All Puyallup CB Locations	3					< 2.69	U	6					< 90.0	U
All Puyallup RB Locations	4					< 2.82	U	6					< 28.4	U
All Puyallup AG Locations	4					< 3.72	U	2					< 9.01	U
All Puyallup FB Locations	4					< 5.02	U	6					< 78.9	U
All Puyallup Locations	15					< 3.54	U	20					< 74.0	U
All Monitoring Locations Combined														
All CB Locations	6					< 3.05	U	12					< 130	U
All RB Locations	8					< 5.06	U	12					< 62.1	U
All AG Locations	8					< 4.13	U	4					< 7.66	U
All FB Locations	8					< 13.5	U	12					< 139	U
All Locations	30					< 7.82	U	40					< 117	U

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-268. Absolute and unit area toxic chemical loading estimates for PCB-096 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 6.09	U	3					< 189	U
CBX	1					< 1.85	U	3					< 154	U
RB111	2					< 3.39	U	3					< 75.4	U
RB202	2					< 13.0	U	3					< 126	U
AG174	2					< 6.40	U	1					< 5.80	U
AGG	2					< 1.66	U	1					< 6.66	U
FB200	2					< 8.48	U	3					< 84.9	U
FB203	2					< 16.2	U	3					< 143	U
All Snohomish CB Locations	3					< 3.94	U	6					< 187	U
All Snohomish RB Locations	4					< 7.23	U	6					< 97.0	U
All Snohomish AG Locations	4					< 4.27	U	2					< 6.51	U
All Snohomish FB Locations	4					< 15.5	U	6					< 145	U
All Snohomish Locations	15					< 11.4	U	20					< 147	U
Puyallup Watershed														
CBA	2					< 3.91	U	3					< 109	U
CBB	1					< 0.863	U	3					< 30.7	U
RB53	2					< 2.36	U	3					< 23.1	U
RB209	2					< 3.14	U	3					< 30.5	U
AG143	2					< 2.49	U	1					< 6.91	U
AG62	2					< 4.34	U	1					< 10.2	U
FB130	2					< 13.7	U	3					< 98.5	U
FB372	2					< 3.51	U	3					< 74.4	U
All Puyallup CB Locations	3					< 2.69	U	6					< 90.0	U
All Puyallup RB Locations	4					< 2.82	U	6					< 28.4	U
All Puyallup AG Locations	4					< 3.72	U	2					< 9.01	U
All Puyallup FB Locations	4					< 5.02	U	6					< 78.9	U
All Puyallup Locations	15					< 3.54	U	20					< 74.0	U
All Monitoring Locations Combined														
All CB Locations	6					< 3.05	U	12					< 130	U
All RB Locations	8					< 5.06	U	12					< 62.1	U
All AG Locations	8					< 4.13	U	4					< 7.66	U
All FB Locations	8					< 13.5	U	12					< 139	U
All Locations	30					< 7.82	U	40					< 117	U

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-269. Absolute and unit area toxic chemical loading estimates for PCB-098-102 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 6.09	U	3	3.93	5.30	9.43	14.7	16.5	
CBX	1					< 1.85	U	3					< 154	U
RB111	2					< 3.39	U	3					< 75.4	U
RB202	2					< 13.0	U	3					< 126	U
AG174	2					< 6.40	U	1					< 5.80	U
AGG	2					< 1.66	U	1					< 6.66	U
FB200	2					< 8.48	U	3					< 84.9	U
FB203	2					< 16.2	U	3					< 143	U
All Snohomish CB Locations	3					< 3.94	U	6	3.77	3.89	12.8	38.9	77.8	E
All Snohomish RB Locations	4					< 7.23	U	6					< 97.0	U
All Snohomish AG Locations	4					< 4.27	U	2					< 6.51	U
All Snohomish FB Locations	4					< 15.5	U	6					< 145	U
All Snohomish Locations	15					< 11.4	U	20	2.94	4.44	21.6	45.9	61.2	E
Puyallup Watershed														
CBA	2					< 3.91	U	3					< 109	U
CBB	1					< 0.863	U	3					< 30.7	U
RB53	2					< 2.36	U	3					< 23.1	U
RB209	2					< 3.14	U	3					< 30.5	U
AG143	2					< 2.49	U	1					< 6.91	U
AG62	2					< 4.34	U	1					< 10.2	U
FB130	2					< 13.7	U	3					< 98.5	U
FB372	2					< 3.51	U	3					< 74.4	U
All Puyallup CB Locations	3					< 2.69	U	6					< 90.0	U
All Puyallup RB Locations	4					< 2.82	U	6					< 28.4	U
All Puyallup AG Locations	4					< 3.72	U	2					< 9.01	U
All Puyallup FB Locations	4					< 5.02	U	6					< 78.9	U
All Puyallup Locations	15					< 3.54	U	20					< 74.0	U
All Monitoring Locations Combined														
All CB Locations	6					< 3.05	U	12	2.63	5.70	18.7	28.5	54.3	E
All RB Locations	8					< 5.06	U	12					< 62.1	U
All AG Locations	8					< 4.13	U	4					< 7.66	U
All FB Locations	8					< 13.5	U	12					< 139	U
All Locations	30					< 7.82	U	40	2.34	5.11	23.4	36.5	53.5	E

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-270. Absolute and unit area toxic chemical loading estimates for PCB-099 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2	4.80		6.41		8.01		3	251	261	291	585	684	
CBX	1					< 1.85	U	3	10.8	14.8	26.9	35.6	38.5	E
RB111	2					< 3.39	U	3	3.77	5.51	10.7	16.1	17.9	
RB202	2					< 13.0	U	3	3.13	4.40	8.22	25.8	31.6	E
AG174	2					< 6.40	U	1					< 5.80	U
AGG	2					< 1.66	U	1					< 6.66	U
FB200	2					< 8.48	U	3					< 84.9	U
FB203	2					< 16.2	U	3					< 143	U
All Snohomish CB Locations	3	1.97	2.26	3.11	4.67	5.19		6	10.9	27.2	144	288	677	
All Snohomish RB Locations	4					< 7.23	U	6	2.40	4.61	9.70	21.8	24.3	E
All Snohomish AG Locations	4					< 4.27	U	2					< 6.51	U
All Snohomish FB Locations	4					< 15.5	U	6					< 145	U
All Snohomish Locations	15	5.16	5.16	5.16	5.43	13.6	E	20	2.94	6.12	24.5	44.4	533	E
Puyallup Watershed														
CBA	2	1.96		3.55		5.15	E	3	21.7	23.5	28.8	46.3	52.1	
CBB	1					< 0.863	U	3	5.59	5.82	6.52	11.6	13.3	
RB53	2					< 2.36	U	3	2.65	2.94	3.80	9.60	11.5	
RB209	2					< 3.14	U	3					< 30.5	U
AG143	2	1.25		1.81		2.37	E	1			6.58			
AG62	2					< 4.34	U	1					< 10.2	U
FB130	2					< 13.7	U	3	4.83	4.92	5.17	38.2	49.3	E
FB372	2					< 3.51	U	3	3.55	3.85	4.73	29.1	37.2	E
All Puyallup CB Locations	3	1.35	1.35	1.35	2.99	3.54	E	6	8.10	9.45	18.7	23.8	43.2	
All Puyallup RB Locations	4					< 2.82	U	6	1.49	3.27	5.75	13.5	14.2	E
All Puyallup AG Locations	4	1.77	1.77	1.82	2.61	3.36	E	2	4.51		6.54		8.58	E
All Puyallup FB Locations	4					< 5.02	U	6	3.51	3.76	4.39	35.8	39.4	E
All Puyallup Locations	15	1.60	1.60	1.68	1.68	4.21	E	20	3.30	4.12	9.42	24.9	37.0	
All Monitoring Locations Combined														
All CB Locations	6	1.52	1.52	1.96	4.01	4.01	E	12	7.60	15.2	25.2	113	472	
All RB Locations	8					< 5.06	U	12	1.54	3.65	9.31	15.2	31.0	E
All AG Locations	8	1.87	1.87	1.97	2.02	3.74	E	4	3.47	3.65	3.83	5.57	7.30	E
All FB Locations	8					< 13.5	U	12	3.03	6.42	20.1	61.6	69.5	E
All Locations	30	3.54	3.54	3.63	3.72	9.31	E	40	2.34	5.11	16.5	36.0	423	E

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-271. Absolute and unit area toxic chemical loading estimates for PCB-100 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 6.09	U	3					< 189	U
CBX	1					< 1.85	U	3					< 154	U
RB111	2					< 3.39	U	3					< 75.4	U
RB202	2					< 13.0	U	3					< 126	U
AG174	2					< 6.40	U	1					< 5.80	U
AGG	2					< 1.66	U	1					< 6.66	U
FB200	2					< 8.48	U	3					< 84.9	U
FB203	2					< 16.2	U	3					< 143	U
All Snohomish CB Locations	3					< 3.94	U	6					< 187	U
All Snohomish RB Locations	4					< 7.23	U	6					< 97.0	U
All Snohomish AG Locations	4					< 4.27	U	2					< 6.51	U
All Snohomish FB Locations	4					< 15.5	U	6					< 145	U
All Snohomish Locations	15					< 11.4	U	20					< 147	U
Puyallup Watershed														
CBA	2					< 3.91	U	3					< 109	U
CBB	1					< 0.863	U	3					< 30.7	U
RB53	2					< 2.36	U	3					< 23.1	U
RB209	2					< 3.14	U	3					< 30.5	U
AG143	2					< 2.49	U	1					< 6.91	U
AG62	2					< 4.34	U	1					< 10.2	U
FB130	2					< 13.7	U	3					< 98.5	U
FB372	2					< 3.51	U	3					< 74.4	U
All Puyallup CB Locations	3					< 2.69	U	6					< 90.0	U
All Puyallup RB Locations	4					< 2.82	U	6					< 28.4	U
All Puyallup AG Locations	4					< 3.72	U	2					< 9.01	U
All Puyallup FB Locations	4					< 5.02	U	6					< 78.9	U
All Puyallup Locations	15					< 3.54	U	20					< 74.0	U
All Monitoring Locations Combined														
All CB Locations	6					< 3.05	U	12					< 130	U
All RB Locations	8					< 5.06	U	12					< 62.1	U
All AG Locations	8					< 4.13	U	4					< 7.66	U
All FB Locations	8					< 13.5	U	12					< 139	U
All Locations	30					< 7.82	U	40					< 117	U

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-272. Absolute and unit area toxic chemical loading estimates for PCB-103 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 6.09	U	3	7.86	15.4	38.1	80.3	94.3	E
CBX	1					< 1.85	U	3					< 154	U
RB111	2					< 3.39	U	3					< 75.4	U
RB202	2					< 13.0	U	3					< 126	U
AG174	2					< 6.40	U	1					< 5.80	U
AGG	2					< 1.66	U	1					< 6.66	U
FB200	2					< 8.48	U	3					< 84.9	U
FB203	2					< 16.2	U	3					< 143	U
All Snohomish CB Locations	3					< 3.94	U	6	3.77	7.78	38.3	77.8	93.3	E
All Snohomish RB Locations	4					< 7.23	U	6					< 97.0	U
All Snohomish AG Locations	4					< 4.27	U	2					< 6.51	U
All Snohomish FB Locations	4					< 15.5	U	6					< 145	U
All Snohomish Locations	15					< 11.4	U	20	2.94	5.81	30.3	58.1	73.5	E
Puyallup Watershed														
CBA	2					< 3.91	U	3					< 109	U
CBB	1					< 0.863	U	3					< 30.7	U
RB53	2					< 2.36	U	3					< 23.1	U
RB209	2					< 3.14	U	3					< 30.5	U
AG143	2					< 2.49	U	1					< 6.91	U
AG62	2					< 4.34	U	1					< 10.2	U
FB130	2					< 13.7	U	3					< 98.5	U
FB372	2					< 3.51	U	3					< 74.4	U
All Puyallup CB Locations	3					< 2.69	U	6					< 90.0	U
All Puyallup RB Locations	4					< 2.82	U	6					< 28.4	U
All Puyallup AG Locations	4					< 3.72	U	2					< 9.01	U
All Puyallup FB Locations	4					< 5.02	U	6					< 78.9	U
All Puyallup Locations	15					< 3.54	U	20					< 74.0	U
All Monitoring Locations Combined														
All CB Locations	6					< 3.05	U	12	2.63	5.70	26.6	42.1	65.2	E
All RB Locations	8					< 5.06	U	12					< 62.1	U
All AG Locations	8					< 4.13	U	4					< 7.66	U
All FB Locations	8					< 13.5	U	12					< 139	U
All Locations	30					< 7.82	U	40	2.34	5.11	23.5	46.2	58.4	E

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-273. Absolute and unit area toxic chemical loading estimates for PCB-104 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 6.09	U	3					< 189	U
CBX	1					< 1.85	U	3					< 154	U
RB111	2					< 3.39	U	3					< 75.4	U
RB202	2					< 13.0	U	3					< 126	U
AG174	2					< 6.40	U	1					< 5.80	U
AGG	2					< 1.66	U	1					< 6.66	U
FB200	2					< 8.48	U	3					< 84.9	U
FB203	2					< 16.2	U	3					< 143	U
All Snohomish CB Locations	3					< 3.94	U	6					< 187	U
All Snohomish RB Locations	4					< 7.23	U	6					< 97.0	U
All Snohomish AG Locations	4					< 4.27	U	2					< 6.51	U
All Snohomish FB Locations	4					< 15.5	U	6					< 145	U
All Snohomish Locations	15					< 11.4	U	20					< 147	U
Puyallup Watershed														
CBA	2					< 3.91	U	3					< 109	U
CBB	1					< 0.863	U	3					< 30.7	U
RB53	2					< 2.36	U	3					< 23.1	U
RB209	2					< 3.14	U	3					< 30.5	U
AG143	2					< 2.49	U	1					< 6.91	U
AG62	2					< 4.34	U	1					< 10.2	U
FB130	2					< 13.7	U	3					< 98.5	U
FB372	2					< 3.51	U	3					< 74.4	U
All Puyallup CB Locations	3					< 2.69	U	6					< 90.0	U
All Puyallup RB Locations	4					< 2.82	U	6					< 28.4	U
All Puyallup AG Locations	4					< 3.72	U	2					< 9.01	U
All Puyallup FB Locations	4					< 5.02	U	6					< 78.9	U
All Puyallup Locations	15					< 3.54	U	20					< 74.0	U
All Monitoring Locations Combined														
All CB Locations	6					< 3.05	U	12					< 130	U
All RB Locations	8					< 5.06	U	12					< 62.1	U
All AG Locations	8					< 4.13	U	4					< 7.66	U
All FB Locations	8					< 13.5	U	12					< 139	U
All Locations	30					< 7.82	U	40					< 117	U

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-274. Absolute and unit area toxic chemical loading estimates for PCB-105-127 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2	3.14		11.0		18.9		3	228	232	244	550	652	
CBX	1					< 1.85	U	3	3.85	5.39	10.0	21.0	24.6	
RB111	2					< 3.39	U	3					< 7.54	U
RB202	2					< 13.0	U	3					< 12.6	U
AG174	2					< 6.40	U	1					< 5.80	U
AGG	2					< 1.66	U	1					< 6.66	U
FB200	2					< 8.48	U	3					< 8.49	U
FB203	2					< 16.2	U	3					< 14.3	U
All Snohomish CB Locations	3	1.97	1.98	2.03	9.69	12.2		6	3.89	10.1	125	241	646	
All Snohomish RB Locations	4					< 7.23	U	6					< 9.70	U
All Snohomish AG Locations	4					< 4.27	U	2					< 6.51	U
All Snohomish FB Locations	4					< 15.5	U	6					< 14.5	U
All Snohomish Locations	15	5.16	5.16	5.16	5.43	32.0	E	20	2.94	3.04	5.81	7.19	508	E
Puyallup Watershed														
CBA	2	1.96		2.93		3.91	E	3	13.0	13.8	16.3	32.2	37.5	
CBB	1					< 0.863	U	3	1.54	1.97	3.26	11.1	13.7	E
RB53	2					< 2.36	U	3	1.15	1.17	1.21	1.77	1.96	E
RB209	2					< 3.14	U	3					< 3.37	U
AG143	2	1.25		1.75		2.24	E	1					< 6.91	U
AG62	2					< 4.34	U	1					< 10.2	U
FB130	2					< 13.7	U	3					< 10.3	U
FB372	2					< 3.51	U	3					< 7.44	U
All Puyallup CB Locations	3	1.35	1.35	1.35	2.36	2.69	E	6	2.23	4.72	12.1	19.8	31.0	
All Puyallup RB Locations	4					< 2.82	U	6	0.682	1.35	1.46	1.49	2.41	E
All Puyallup AG Locations	4	1.77	1.77	1.82	2.52	3.19	E	2					< 9.01	U
All Puyallup FB Locations	4					< 5.02	U	6					< 7.89	U
All Puyallup Locations	15	1.60	1.60	1.68	1.68	3.20	E	20	1.60	3.28	3.53	4.71	23.2	E
All Monitoring Locations Combined														
All CB Locations	6	1.52	1.52	1.55	3.05	9.46	E	12	2.69	6.38	16.8	97.5	451	
All RB Locations	8					< 5.06	U	12	1.49	1.63	2.95	3.18	5.27	E
All AG Locations	8	1.87	1.87	1.97	2.02	3.54	E	4					< 7.66	U
All FB Locations	8					< 13.5	U	12					< 13.9	U
All Locations	30	3.54	3.54	3.59	3.72	22.0	E	40	2.31	2.43	4.87	5.84	404	E

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-275. Absolute and unit area toxic chemical loading estimates for PCB-107-PCB-108 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 6.09	U	3	43.2	47.2	58.9	103	118	
CBX	1					< 1.85	U	3					< 154	U
RB111	2					< 3.39	U	3					< 75.4	U
RB202	2					< 13.0	U	3					< 126	U
AG174	2					< 6.40	U	1					< 5.80	U
AGG	2					< 1.66	U	1					< 6.66	U
FB200	2					< 8.48	U	3					< 84.9	U
FB203	2					< 16.2	U	3					< 143	U
All Snohomish CB Locations	3					< 3.94	U	6	3.77	38.9	50.6	77.8	117	E
All Snohomish RB Locations	4					< 7.23	U	6					< 97.0	U
All Snohomish AG Locations	4					< 4.27	U	2					< 6.51	U
All Snohomish FB Locations	4					< 15.5	U	6					< 145	U
All Snohomish Locations	15					< 11.4	U	20	2.94	5.81	30.6	58.1	91.8	E
Puyallup Watershed														
CBA	2					< 3.91	U	3	5.70	6.72	9.77	43.1	54.3	E
CBB	1					< 0.863	U	3					< 30.7	U
RB53	2					< 2.36	U	3					< 23.1	U
RB209	2					< 3.14	U	3					< 30.5	U
AG143	2					< 2.49	U	1					< 6.91	U
AG62	2					< 4.34	U	1					< 10.2	U
FB130	2					< 13.7	U	3					< 98.5	U
FB372	2					< 3.51	U	3					< 74.4	U
All Puyallup CB Locations	3					< 2.69	U	6	4.72	4.72	14.8	22.3	45.0	E
All Puyallup RB Locations	4					< 2.82	U	6					< 28.4	U
All Puyallup AG Locations	4					< 3.72	U	2					< 9.01	U
All Puyallup FB Locations	4					< 5.02	U	6					< 78.9	U
All Puyallup Locations	15					< 3.54	U	20	3.53	3.53	16.1	24.3	37.0	E
All Monitoring Locations Combined														
All CB Locations	6					< 3.05	U	12	2.63	7.74	27.0	47.5	81.4	E
All RB Locations	8					< 5.06	U	12					< 62.1	U
All AG Locations	8					< 4.13	U	4					< 7.66	U
All FB Locations	8					< 13.5	U	12					< 139	U
All Locations	30					< 7.82	U	40	2.34	5.11	23.6	46.2	73.0	E

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-276. Absolute and unit area toxic chemical loading estimates for PCB-110 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2	21.1		28.2		35.2		3	943	1000	1180	1950	2200	
CBX	1			1.56				3	38.5	40.4	46.2	52.5	54.7	E
RB111	2					< 3.39	U	3	3.77	7.49	18.7	34.4	39.7	
RB202	2					< 13.0	U	3	3.13	6.30	15.8	27.7	31.6	E
AG174	2					< 6.40	U	1					< 6.35	U
AGG	2	0.832		1.07		1.31	E	1					< 6.66	U
FB200	2					< 8.48	U	3	2.06	2.71	4.67	16.9	21.0	E
FB203	2	8.12		10.5		12.8	E	3	3.62	4.98	9.05	30.3	37.4	E
All Snohomish CB Locations	3	3.32	5.91	13.7	20.5	22.8		6	38.9	46.7	494	1170	2180	
All Snohomish RB Locations	4					< 7.23	U	6	2.40	4.61	17.5	24.3	48.5	E
All Snohomish AG Locations	4	2.03	2.03	2.08	2.67	3.20	E	2					< 7.14	U
All Snohomish FB Locations	4	7.75	7.75	7.75	9.99	12.2	E	6	3.47	3.51	8.32	35.8	35.8	E
All Snohomish Locations	15	5.16	5.16	5.43	8.15	59.7	E	20	2.94	6.27	29.5	40.1	1710	E
Puyallup Watershed														
CBA	2	8.03		13.5		18.9		3	70.6	76.0	92.3	186	217	
CBB	1			1.18				3	18.3	18.3	18.3	39.5	46.6	
RB53	2	1.12		1.98		2.83	E	3	5.65	5.71	5.88	10.1	11.5	
RB209	2	1.57		2.20		2.82	E	3	2.24	2.69	4.01	12.4	15.2	
AG143	2	5.11		6.67		8.23		1			16.1			
AG62	2	2.17		3.25		4.34	E	1			15.5			
FB130	2	6.85		9.25		11.7	E	3	9.85	11.5	16.3	41.0	49.3	
FB372	2	1.76		2.26		2.77	E	3	9.13	9.63	11.2	30.7	37.2	
All Puyallup CB Locations	3	3.69	4.15	5.53	11.2	13.0		6	26.5	26.5	63.0	76.5	180	
All Puyallup RB Locations	4	1.34	1.38	1.98	2.96	3.39	E	6	1.99	3.55	7.10	13.5	14.2	
All Puyallup AG Locations	4	1.86	2.79	5.49	9.47	11.7		2	13.7		17.4		21.0	
All Puyallup FB Locations	4	2.38	2.45	3.14	4.01	4.27	E	6	7.17	9.68	11.8	35.8	39.4	
All Puyallup Locations	15	1.60	1.70	3.03	6.02	15.5		20	4.71	10.9	18.5	35.3	135	
All Monitoring Locations Combined														
All CB Locations	6	2.57	4.17	8.42	14.8	17.6		12	27.1	32.3	76.0	434	1520	
All RB Locations	8	2.29	2.35	2.41	3.43	5.78	E	12	1.54	6.05	14.9	22.7	31.0	
All AG Locations	8	1.87	1.92	2.51	6.10	13.0	E	4	3.47	3.83	7.94	14.8	17.9	E
All FB Locations	8	6.41	6.41	6.58	10.1	11.5	E	12	3.03	7.27	19.0	31.3	69.5	E
All Locations	30	3.54	3.54	4.75	8.94	41.0	E	40	2.34	10.9	24.1	48.7	1360	

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-277. Absolute and unit area toxic chemical loading estimates for PCB-112 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)													
Baseflow							Storm Event						
n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed													
CB335	2				< 6.09	U	3					< 189	U
CBX	1				< 1.85	U	3					< 154	U
RB111	2				< 3.39	U	3					< 75.4	U
RB202	2				< 13.0	U	3					< 126	U
AG174	2				< 6.40	U	1					< 5.80	U
AGG	2				< 1.66	U	1					< 6.66	U
FB200	2				< 8.48	U	3					< 84.9	U
FB203	2				< 16.2	U	3					< 143	U
All Snohomish CB Locations	3				< 3.94	U	6					< 187	U
All Snohomish RB Locations	4				< 7.23	U	6					< 97.0	U
All Snohomish AG Locations	4				< 4.27	U	2					< 6.51	U
All Snohomish FB Locations	4				< 15.5	U	6					< 145	U
All Snohomish Locations	15				< 11.4	U	20					< 147	U
Puyallup Watershed													
CBA	2				< 3.91	U	3					< 109	U
CBB	1				< 0.863	U	3					< 30.7	U
RB53	2				< 2.36	U	3					< 23.1	U
RB209	2				< 3.14	U	3					< 30.5	U
AG143	2				< 2.49	U	1					< 6.91	U
AG62	2				< 4.34	U	1					< 10.2	U
FB130	2				< 13.7	U	3					< 98.5	U
FB372	2				< 3.51	U	3					< 74.4	U
All Puyallup CB Locations	3				< 2.69	U	6					< 90.0	U
All Puyallup RB Locations	4				< 2.82	U	6					< 28.4	U
All Puyallup AG Locations	4				< 3.72	U	2					< 9.01	U
All Puyallup FB Locations	4				< 5.02	U	6					< 78.9	U
All Puyallup Locations	15				< 3.54	U	20					< 74.0	U
All Monitoring Locations Combined													
All CB Locations	6				< 3.05	U	12					< 130	U
All RB Locations	8				< 5.06	U	12					< 62.1	U
All AG Locations	8				< 4.13	U	4					< 7.66	U
All FB Locations	8				< 13.5	U	12					< 139	U
All Locations	30				< 7.82	U	40					< 117	U

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-278. Absolute and unit area toxic chemical loading estimates for PCB-113 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 6.09	U	3					< 189	U
CBX	1					< 1.85	U	3					< 154	U
RB111	2					< 3.39	U	3					< 75.4	U
RB202	2					< 13.0	U	3					< 126	U
AG174	2					< 6.40	U	1					< 5.80	U
AGG	2					< 1.66	U	1					< 6.66	U
FB200	2					< 8.48	U	3					< 84.9	U
FB203	2					< 16.2	U	3					< 143	U
All Snohomish CB Locations	3					< 3.94	U	6					< 187	U
All Snohomish RB Locations	4					< 7.23	U	6					< 97.0	U
All Snohomish AG Locations	4					< 4.27	U	2					< 6.51	U
All Snohomish FB Locations	4					< 15.5	U	6					< 145	U
All Snohomish Locations	15					< 11.4	U	20					< 147	U
Puyallup Watershed														
CBA	2					< 3.91	U	3					< 109	U
CBB	1					< 0.863	U	3					< 30.7	U
RB53	2					< 2.36	U	3					< 23.1	U
RB209	2					< 3.14	U	3					< 30.5	U
AG143	2					< 2.49	U	1					< 6.91	U
AG62	2					< 4.34	U	1					< 10.2	U
FB130	2					< 13.7	U	3					< 98.5	U
FB372	2					< 3.51	U	3					< 74.4	U
All Puyallup CB Locations	3					< 2.69	U	6					< 90.0	U
All Puyallup RB Locations	4					< 2.82	U	6					< 28.4	U
All Puyallup AG Locations	4					< 3.72	U	2					< 9.01	U
All Puyallup FB Locations	4					< 5.02	U	6					< 78.9	U
All Puyallup Locations	15					< 3.54	U	20					< 74.0	U
All Monitoring Locations Combined														
All CB Locations	6					< 3.05	U	12					< 130	U
All RB Locations	8					< 5.06	U	12					< 62.1	U
All AG Locations	8					< 4.13	U	4					< 7.66	U
All FB Locations	8					< 13.5	U	12					< 139	U
All Locations	30					< 7.82	U	40					< 117	U

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-279. Absolute and unit area toxic chemical loading estimates for PCB-114 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 6.09	U	3	3.81	5.22	9.43	17.1	19.6	E
CBX	1					< 1.85	U	3					< 15.4	U
RB111	2					< 3.39	U	3					< 7.54	U
RB202	2					< 13.0	U	3					< 12.6	U
AG174	2					< 6.40	U	1					< 5.80	U
AGG	2					< 1.66	U	1					< 6.66	U
FB200	2					< 8.48	U	3					< 8.49	U
FB203	2					< 16.2	U	3					< 14.3	U
All Snohomish CB Locations	3					< 3.94	U	6	3.77	3.77	5.83	9.33	19.4	E
All Snohomish RB Locations	4					< 7.23	U	6					< 9.70	U
All Snohomish AG Locations	4					< 4.27	U	2					< 6.51	U
All Snohomish FB Locations	4					< 15.5	U	6					< 14.5	U
All Snohomish Locations	15					< 11.4	U	20	2.94	3.03	4.59	6.12	15.3	E
Puyallup Watershed														
CBA	2					< 3.91	U	3					< 11.4	U
CBB	1					< 0.863	U	3					< 6.52	U
RB53	2					< 2.36	U	3					< 2.42	U
RB209	2					< 3.14	U	3					< 3.37	U
AG143	2					< 2.49	U	1					< 6.91	U
AG62	2					< 4.34	U	1					< 10.2	U
FB130	2					< 13.7	U	3					< 10.3	U
FB372	2					< 3.51	U	3					< 7.44	U
All Puyallup CB Locations	3					< 2.69	U	6					< 9.45	U
All Puyallup RB Locations	4					< 2.82	U	6					< 2.98	U
All Puyallup AG Locations	4					< 3.72	U	2					< 9.01	U
All Puyallup FB Locations	4					< 5.02	U	6					< 7.89	U
All Puyallup Locations	15					< 3.54	U	20					< 7.40	U
All Monitoring Locations Combined														
All CB Locations	6					< 3.05	U	12	2.61	2.66	4.21	5.70	13.6	E
All RB Locations	8					< 5.06	U	12					< 6.52	U
All AG Locations	8					< 4.13	U	4					< 7.66	U
All FB Locations	8					< 13.5	U	12					< 13.9	U
All Locations	30					< 7.82	U	40	2.31	2.41	4.62	5.11	12.2	E

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-280. Absolute and unit area toxic chemical loading estimates for PCB-115-116 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	0							1					< 76.2	U
CBX	0							1					< 77.0	U
RB111	0							1					< 43.7	U
RB202	0							1					< 63.2	U
AG174	0							0						
AGG	0							0						
FB200	0							1					< 42.0	U
FB203	0							1					< 74.7	U
All Snohomish CB Locations	0							2					< 77.8	U
All Snohomish RB Locations	0							2					< 53.4	U
All Snohomish AG Locations	0							0						
All Snohomish FB Locations	0							2					< 71.6	U
All Snohomish Locations	0							6					< 67.3	U
Puyallup Watershed														
CBA	0							1					< 59.7	U
CBB	0							1					< 30.7	U
RB53	0							1					< 11.1	U
RB209	0							1					< 15.4	U
AG143	0							0						
AG62	0							0						
FB130	0							1					< 48.3	U
FB372	0							1					< 32.1	U
All Puyallup CB Locations	0							2					< 49.5	U
All Puyallup RB Locations	0							2					< 13.6	U
All Puyallup AG Locations	0							0						
All Puyallup FB Locations	0							2					< 35.1	U
All Puyallup Locations	0							6					< 37.0	U
All Monitoring Locations Combined														
All CB Locations	0							4					< 59.7	U
All RB Locations	0							4					< 34.1	U
All AG Locations	0							0						
All FB Locations	0							4					< 62.6	U
All Locations	0							12					< 53.5	U

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-281. Absolute and unit area toxic chemical loading estimates for PCB-118-106 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2	7.37		21.3		35.2		3	519	527	550	1320	1570	
CBX	1					< 1.85	U	3	17.7	19.4	24.6	47.2	54.7	
RB111	2					< 3.39	U	3	3.77	4.52	6.75	9.43	10.3	
RB202	2					< 13.0	U	3	3.13	4.08	6.95	10.3	11.4	
AG174	2					< 6.40	U	1					< 5.80	U
AGG	2					< 1.66	U	1					< 6.66	U
FB200	2					< 8.48	U	3					< 8.49	U
FB203	2					< 16.2	U	3					< 14.3	U
All Snohomish CB Locations	3	1.97	2.67	4.77	18.3	22.8		6	17.9	24.9	284	544	1560	
All Snohomish RB Locations	4					< 7.23	U	6	2.40	4.61	6.79	8.73	12.6	
All Snohomish AG Locations	4					< 4.27	U	2					< 6.51	U
All Snohomish FB Locations	4					< 15.5	U	6					< 14.5	U
All Snohomish Locations	15	5.16	5.16	5.16	5.43	59.7	E	20	2.94	4.42	6.58	17.8	1220	E
Puyallup Watershed														
CBA	2	4.12		7.00		9.88		3	36.9	38.4	42.9	75.9	86.8	
CBB	1			0.681				3	5.59	7.76	14.3	29.2	34.1	
RB53	2	1.12		1.39		1.65	E	3	1.50	2.42	5.19	5.27	5.30	
RB209	2					< 3.14	U	3					< 3.37	U
AG143	2	2.99		4.24		5.49		1			9.87			
AG62	2	2.07		2.12		2.17	E	1					< 10.2	U
FB130	2					< 13.7	U	3					< 10.3	U
FB372	2					< 3.51	U	3					< 7.44	U
All Puyallup CB Locations	3	2.13	2.30	2.84	5.81	6.81		6	8.10	20.7	33.1	49.5	72.0	
All Puyallup RB Locations	4	1.34	1.38	1.41	1.69	1.98	E	6	0.682	1.35	1.67	6.39	6.53	E
All Puyallup AG Locations	4	1.77	1.82	3.05	6.02	7.79		2	4.51		8.69		12.9	E
All Puyallup FB Locations	4					< 5.02	U	6					< 7.89	U
All Puyallup Locations	15	1.60	1.62	1.68	3.16	8.08	E	20	1.60	3.45	4.04	15.5	53.8	E
All Monitoring Locations Combined														
All CB Locations	6	1.52	2.41	3.45	7.70	17.6		12	9.77	21.2	40.7	223	1090	
All RB Locations	8	2.29	2.35	2.41	2.47	3.37	E	12	1.49	2.95	3.72	6.83	14.3	
All AG Locations	8	1.87	1.87	1.97	3.39	8.65	E	4	3.47	3.65	3.83	7.39	10.9	E
All FB Locations	8					< 13.5	U	12					< 13.9	U
All Locations	30	3.54	3.54	3.72	5.21	41.0	E	40	2.31	4.62	5.35	22.1	973	E

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-282. Absolute and unit area toxic chemical loading estimates for PCB-119 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 6.09	U	3	10.2	13.8	24.4	34.7	38.1	
CBX	1					< 1.85	U	3					< 154	U
RB111	2					< 3.39	U	3					< 75.4	U
RB202	2					< 13.0	U	3					< 126	U
AG174	2					< 6.40	U	1					< 5.80	U
AGG	2					< 1.66	U	1					< 6.66	U
FB200	2					< 8.48	U	3					< 84.9	U
FB203	2					< 16.2	U	3					< 143	U
All Snohomish CB Locations	3					< 3.94	U	6	3.77	10.1	30.9	38.9	77.8	E
All Snohomish RB Locations	4					< 7.23	U	6					< 97.0	U
All Snohomish AG Locations	4					< 4.27	U	2					< 6.51	U
All Snohomish FB Locations	4					< 15.5	U	6					< 145	U
All Snohomish Locations	15					< 11.4	U	20	2.94	5.81	30.0	45.9	61.2	E
Puyallup Watershed														
CBA	2					< 3.91	U	3					< 109	U
CBB	1					< 0.863	U	3					< 30.7	U
RB53	2					< 2.36	U	3					< 23.1	U
RB209	2					< 3.14	U	3					< 30.5	U
AG143	2					< 2.49	U	1					< 6.91	U
AG62	2					< 4.34	U	1					< 10.2	U
FB130	2					< 13.7	U	3					< 98.5	U
FB372	2					< 3.51	U	3					< 74.4	U
All Puyallup CB Locations	3					< 2.69	U	6					< 90.0	U
All Puyallup RB Locations	4					< 2.82	U	6					< 28.4	U
All Puyallup AG Locations	4					< 3.72	U	2					< 9.01	U
All Puyallup FB Locations	4					< 5.02	U	6					< 78.9	U
All Puyallup Locations	15					< 3.54	U	20					< 74.0	U
All Monitoring Locations Combined														
All CB Locations	6					< 3.05	U	12	2.63	6.38	26.2	28.5	54.3	E
All RB Locations	8					< 5.06	U	12					< 62.1	U
All AG Locations	8					< 4.13	U	4					< 7.66	U
All FB Locations	8					< 13.5	U	12					< 139	U
All Locations	30					< 7.82	U	40	2.34	5.11	23.4	36.5	53.5	E

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-283. Absolute and unit area toxic chemical loading estimates for PCB-122 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 6.09	U	3					< 189	U
CBX	1					< 1.85	U	3					< 154	U
RB111	2					< 3.39	U	3					< 75.4	U
RB202	2					< 13.0	U	3					< 126	U
AG174	2					< 6.40	U	1					< 5.80	U
AGG	2					< 1.66	U	1					< 6.66	U
FB200	2					< 8.48	U	3					< 84.9	U
FB203	2					< 16.2	U	3					< 143	U
All Snohomish CB Locations	3					< 3.94	U	6					< 187	U
All Snohomish RB Locations	4					< 7.23	U	6					< 97.0	U
All Snohomish AG Locations	4					< 4.27	U	2					< 6.51	U
All Snohomish FB Locations	4					< 15.5	U	6					< 145	U
All Snohomish Locations	15					< 11.4	U	20					< 147	U
Puyallup Watershed														
CBA	2					< 3.91	U	3					< 109	U
CBB	1					< 0.863	U	3					< 30.7	U
RB53	2					< 2.36	U	3					< 23.1	U
RB209	2					< 3.14	U	3					< 30.5	U
AG143	2					< 2.49	U	1					< 6.91	U
AG62	2					< 4.34	U	1					< 10.2	U
FB130	2					< 13.7	U	3					< 98.5	U
FB372	2					< 3.51	U	3					< 74.4	U
All Puyallup CB Locations	3					< 2.69	U	6					< 90.0	U
All Puyallup RB Locations	4					< 2.82	U	6					< 28.4	U
All Puyallup AG Locations	4					< 3.72	U	2					< 9.01	U
All Puyallup FB Locations	4					< 5.02	U	6					< 78.9	U
All Puyallup Locations	15					< 3.54	U	20					< 74.0	U
All Monitoring Locations Combined														
All CB Locations	6					< 3.05	U	12					< 130	U
All RB Locations	8					< 5.06	U	12					< 62.1	U
All AG Locations	8					< 4.13	U	4					< 7.66	U
All FB Locations	8					< 13.5	U	12					< 139	U
All Locations	30					< 7.82	U	40					< 117	U

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-284. Absolute and unit area toxic chemical loading estimates for PCB-123 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 6.09	U	3	6.68	7.37	9.43	27.7	33.8	E
CBX	1					< 1.85	U	3					< 15.4	U
RB111	2					< 3.39	U	3					< 7.54	U
RB202	2					< 13.0	U	3					< 12.6	U
AG174	2					< 6.40	U	1					< 5.80	U
AGG	2					< 1.66	U	1					< 6.66	U
FB200	2					< 8.48	U	3					< 8.49	U
FB203	2					< 16.2	U	3					< 14.3	U
All Snohomish CB Locations	3					< 3.94	U	6	3.77	3.89	7.19	9.33	33.4	E
All Snohomish RB Locations	4					< 7.23	U	6					< 9.70	U
All Snohomish AG Locations	4					< 4.27	U	2					< 6.51	U
All Snohomish FB Locations	4					< 15.5	U	6					< 14.5	U
All Snohomish Locations	15					< 11.4	U	20	2.94	3.03	5.51	6.12	26.3	E
Puyallup Watershed														
CBA	2					< 3.91	U	3					< 11.4	U
CBB	1					< 0.863	U	3					< 6.52	U
RB53	2					< 2.36	U	3					< 2.42	U
RB209	2					< 3.14	U	3					< 3.37	U
AG143	2					< 2.49	U	1					< 6.91	U
AG62	2					< 4.34	U	1					< 10.2	U
FB130	2					< 13.7	U	3					< 10.3	U
FB372	2					< 3.51	U	3					< 7.44	U
All Puyallup CB Locations	3					< 2.69	U	6					< 9.45	U
All Puyallup RB Locations	4					< 2.82	U	6					< 2.98	U
All Puyallup AG Locations	4					< 3.72	U	2					< 9.01	U
All Puyallup FB Locations	4					< 5.02	U	6					< 7.89	U
All Puyallup Locations	15					< 3.54	U	20					< 7.40	U
All Monitoring Locations Combined														
All CB Locations	6					< 3.05	U	12	2.61	2.70	5.02	5.70	23.3	E
All RB Locations	8					< 5.06	U	12					< 6.52	U
All AG Locations	8					< 4.13	U	4					< 7.66	U
All FB Locations	8					< 13.5	U	12					< 13.9	U
All Locations	30					< 7.82	U	40	2.31	2.41	4.62	5.11	20.9	E

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-285. Absolute and unit area toxic chemical loading estimates for PCB-124 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 6.09	U	3	34.6	35.8	39.3	74.7	86.4	
CBX	1					< 1.85	U	3					< 154	U
RB111	2					< 3.39	U	3					< 75.4	U
RB202	2					< 13.0	U	3					< 126	U
AG174	2					< 6.40	U	1					< 5.80	U
AGG	2					< 1.66	U	1					< 6.66	U
FB200	2					< 8.48	U	3					< 84.9	U
FB203	2					< 16.2	U	3					< 143	U
All Snohomish CB Locations	3					< 3.94	U	6	3.77	34.2	38.9	77.8	85.6	E
All Snohomish RB Locations	4					< 7.23	U	6					< 97.0	U
All Snohomish AG Locations	4					< 4.27	U	2					< 6.51	U
All Snohomish FB Locations	4					< 15.5	U	6					< 145	U
All Snohomish Locations	15					< 11.4	U	20	2.94	5.81	30.5	58.1	67.3	E
Puyallup Watershed														
CBA	2					< 3.91	U	3	5.70	6.04	7.06	42.5	54.3	E
CBB	1					< 0.863	U	3					< 30.7	U
RB53	2					< 2.36	U	3					< 23.1	U
RB209	2					< 3.14	U	3					< 30.5	U
AG143	2					< 2.49	U	1					< 6.91	U
AG62	2					< 4.34	U	1					< 10.2	U
FB130	2					< 13.7	U	3					< 98.5	U
FB372	2					< 3.51	U	3					< 74.4	U
All Puyallup CB Locations	3					< 2.69	U	6	4.72	4.72	13.7	22.3	45.0	E
All Puyallup RB Locations	4					< 2.82	U	6					< 28.4	U
All Puyallup AG Locations	4					< 3.72	U	2					< 9.01	U
All Puyallup FB Locations	4					< 5.02	U	6					< 78.9	U
All Puyallup Locations	15					< 3.54	U	20	3.53	3.53	16.1	24.3	37.0	E
All Monitoring Locations Combined														
All CB Locations	6					< 3.05	U	12	2.63	6.38	26.5	40.7	59.7	E
All RB Locations	8					< 5.06	U	12					< 62.1	U
All AG Locations	8					< 4.13	U	4					< 7.66	U
All FB Locations	8					< 13.5	U	12					< 139	U
All Locations	30					< 7.82	U	40	2.34	5.11	23.4	46.2	53.5	E

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-286. Absolute and unit area toxic chemical loading estimates for PCB-126 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)													
Baseflow							Storm Event						
n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed													
CB335	2				< 6.09	U	3	9.43	9.63	10.2	20.8	24.4	
CBX	1				< 1.85	U	3					< 15.4	U
RB111	2				< 3.39	U	3					< 7.54	U
RB202	2				< 13.0	U	3					< 12.6	U
AG174	2				< 6.40	U	1					< 5.80	U
AGG	2				< 1.66	U	1					< 6.66	U
FB200	2				< 8.48	U	3					< 8.49	U
FB203	2				< 16.2	U	3					< 14.3	U
All Snohomish CB Locations	3				< 3.94	U	6	3.77	3.89	8.56	10.1	24.1	E
All Snohomish RB Locations	4				< 7.23	U	6					< 9.70	U
All Snohomish AG Locations	4				< 4.27	U	2					< 6.51	U
All Snohomish FB Locations	4				< 15.5	U	6					< 14.5	U
All Snohomish Locations	15				< 11.4	U	20	2.94	3.03	5.81	6.12	19.0	E
Puyallup Watershed													
CBA	2				< 3.91	U	3					< 11.4	U
CBB	1				< 0.863	U	3					< 6.52	U
RB53	2				< 2.36	U	3					< 2.42	U
RB209	2				< 3.14	U	3					< 3.37	U
AG143	2				< 2.49	U	1					< 6.91	U
AG62	2				< 4.34	U	1					< 10.2	U
FB130	2				< 13.7	U	3					< 10.3	U
FB372	2				< 3.51	U	3					< 7.44	U
All Puyallup CB Locations	3				< 2.69	U	6					< 9.45	U
All Puyallup RB Locations	4				< 2.82	U	6					< 2.98	U
All Puyallup AG Locations	4				< 3.72	U	2					< 9.01	U
All Puyallup FB Locations	4				< 5.02	U	6					< 7.89	U
All Puyallup Locations	15				< 3.54	U	20					< 7.40	U
All Monitoring Locations Combined													
All CB Locations	6				< 3.05	U	12	2.61	2.70	5.43	6.11	16.8	E
All RB Locations	8				< 5.06	U	12					< 6.52	U
All AG Locations	8				< 4.13	U	4					< 7.66	U
All FB Locations	8				< 13.5	U	12					< 13.9	U
All Locations	30				< 7.82	U	40	2.31	2.41	4.62	5.11	15.1	E

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-287. Absolute and unit area toxic chemical loading estimates for PCB-128 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow								Storm Event						
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2	3.20		9.29		15.4		3	157	159	165	289	330	
CBX	1					< 1.85	U	3	16.2	21.7	38.5	67.4	77.0	E
RB111	2					< 3.39	U	3					< 75.4	U
RB202	2					< 13.0	U	3					< 126	U
AG174	2					< 6.40	U	1					< 5.80	U
AGG	2					< 1.66	U	1					< 6.66	U
FB200	2					< 8.48	U	3					< 84.9	U
FB203	2					< 16.2	U	3					< 143	U
All Snohomish CB Locations	3	1.97	2.00	2.07	7.99	9.96		6	16.3	38.9	117	163	327	
All Snohomish RB Locations	4					< 7.23	U	6					< 97.0	U
All Snohomish AG Locations	4					< 4.27	U	2					< 6.51	U
All Snohomish FB Locations	4					< 15.5	U	6					< 145	U
All Snohomish Locations	15	5.16	5.16	5.16	5.43	26.1	E	20	2.94	6.12	30.6	61.2	257	E
Puyallup Watershed														
CBA	2	1.96		2.11		2.26	E	3	5.70	7.66	13.6	28.6	33.7	
CBB	1					< 0.863	U	3	3.26	4.15	6.83	13.2	15.4	E
RB53	2					< 2.36	U	3					< 23.1	U
RB209	2					< 3.14	U	3					< 30.5	U
AG143	2	1.25		1.31		1.37	E	1					< 6.91	U
AG62	2					< 4.34	U	1					< 10.2	U
FB130	2					< 13.7	U	3					< 98.5	U
FB372	2					< 3.51	U	3					< 74.4	U
All Puyallup CB Locations	3	1.35	1.35	1.35	1.51	1.56	E	6	4.72	4.72	10.6	22.3	27.9	E
All Puyallup RB Locations	4					< 2.82	U	6					< 28.4	U
All Puyallup AG Locations	4	1.77	1.77	1.82	1.90	1.95	E	2					< 9.01	U
All Puyallup FB Locations	4					< 5.02	U	6					< 78.9	U
All Puyallup Locations	15	1.60	1.60	1.68	1.68	1.85	E	20	3.53	3.53	12.2	18.8	37.0	E
All Monitoring Locations Combined														
All CB Locations	6	1.52	1.52	1.56	1.76	7.70	E	12	5.70	11.7	27.0	81.4	228	
All RB Locations	8					< 5.06	U	12					< 62.1	U
All AG Locations	8	1.87	1.87	1.97	2.02	2.16	E	4					< 7.66	U
All FB Locations	8					< 13.5	U	12					< 139	U
All Locations	30	3.54	3.54	3.63	3.72	17.9	E	40	2.34	5.11	23.6	46.2	204	E

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-288. Absolute and unit area toxic chemical loading estimates for PCB-129 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 6.09	U	3	53.4	56.4	65.2	111	126	
CBX	1					< 1.85	U	3					< 154	U
RB111	2					< 3.39	U	3					< 75.4	U
RB202	2					< 13.0	U	3					< 126	U
AG174	2					< 6.40	U	1					< 5.80	U
AGG	2					< 1.66	U	1					< 6.66	U
FB200	2					< 8.48	U	3					< 84.9	U
FB203	2					< 16.2	U	3					< 143	U
All Snohomish CB Locations	3					< 3.94	U	6	3.77	38.9	58.7	77.8	124	E
All Snohomish RB Locations	4					< 7.23	U	6					< 97.0	U
All Snohomish AG Locations	4					< 4.27	U	2					< 6.51	U
All Snohomish FB Locations	4					< 15.5	U	6					< 145	U
All Snohomish Locations	15					< 11.4	U	20	2.94	5.81	30.6	58.1	97.9	E
Puyallup Watershed														
CBA	2					< 3.91	U	3	5.70	7.66	13.6	44.1	54.3	E
CBB	1					< 0.863	U	3					< 30.7	U
RB53	2					< 2.36	U	3					< 23.1	U
RB209	2					< 3.14	U	3					< 30.5	U
AG143	2					< 2.49	U	1					< 6.91	U
AG62	2					< 4.34	U	1					< 10.2	U
FB130	2					< 13.7	U	3					< 98.5	U
FB372	2					< 3.51	U	3					< 74.4	U
All Puyallup CB Locations	3					< 2.69	U	6	4.72	4.72	16.4	22.3	45.0	E
All Puyallup RB Locations	4					< 2.82	U	6					< 28.4	U
All Puyallup AG Locations	4					< 3.72	U	2					< 9.01	U
All Puyallup FB Locations	4					< 5.02	U	6					< 78.9	U
All Puyallup Locations	15					< 3.54	U	20	3.53	3.53	16.1	24.3	37.0	E
All Monitoring Locations Combined														
All CB Locations	6					< 3.05	U	12	2.63	9.64	27.0	49.7	86.9	E
All RB Locations	8					< 5.06	U	12					< 62.1	U
All AG Locations	8					< 4.13	U	4					< 7.66	U
All FB Locations	8					< 13.5	U	12					< 139	U
All Locations	30					< 7.82	U	40	2.34	5.11	23.6	46.2	77.9	E

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-289. Absolute and unit area toxic chemical loading estimates for PCB-130 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 6.09	U	3	62.9	65.8	74.7	125	141	
CBX	1					< 1.85	U	3					< 154	U
RB111	2					< 3.39	U	3					< 75.4	U
RB202	2					< 13.0	U	3					< 126	U
AG174	2					< 6.40	U	1					< 5.80	U
AGG	2					< 1.66	U	1					< 6.66	U
FB200	2					< 8.48	U	3					< 84.9	U
FB203	2					< 16.2	U	3					< 143	U
All Snohomish CB Locations	3					< 3.94	U	6	3.77	38.9	68.1	77.8	140	E
All Snohomish RB Locations	4					< 7.23	U	6					< 97.0	U
All Snohomish AG Locations	4					< 4.27	U	2					< 6.51	U
All Snohomish FB Locations	4					< 15.5	U	6					< 145	U
All Snohomish Locations	15					< 11.4	U	20	2.94	5.81	30.6	58.1	110	E
Puyallup Watershed														
CBA	2					< 3.91	U	3	5.70	6.31	8.14	15.5	17.9	
CBB	1					< 0.863	U	3					< 30.7	U
RB53	2					< 2.36	U	3					< 23.1	U
RB209	2					< 3.14	U	3					< 30.5	U
AG143	2					< 2.49	U	1					< 6.91	U
AG62	2					< 4.34	U	1					< 10.2	U
FB130	2					< 13.7	U	3					< 98.5	U
FB372	2					< 3.51	U	3					< 74.4	U
All Puyallup CB Locations	3					< 2.69	U	6	4.72	4.72	10.8	21.6	22.3	E
All Puyallup RB Locations	4					< 2.82	U	6					< 28.4	U
All Puyallup AG Locations	4					< 3.72	U	2					< 9.01	U
All Puyallup FB Locations	4					< 5.02	U	6					< 78.9	U
All Puyallup Locations	15					< 3.54	U	20	3.53	3.53	13.5	16.6	37.0	E
All Monitoring Locations Combined														
All CB Locations	6					< 3.05	U	12	2.63	6.92	26.5	47.5	97.7	E
All RB Locations	8					< 5.06	U	12					< 62.1	U
All AG Locations	8					< 4.13	U	4					< 7.66	U
All FB Locations	8					< 13.5	U	12					< 139	U
All Locations	30					< 7.82	U	40	2.34	5.11	23.4	46.2	87.6	E

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-290. Absolute and unit area toxic chemical loading estimates for PCB-131-142-165 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)													
Baseflow							Storm Event						
n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed													
CB335	2				< 6.09	U	3	3.93	6.09	12.6	73.9	94.3	E
CBX	1				< 1.85	U	3					< 154	U
RB111	2				< 3.39	U	3					< 75.4	U
RB202	2				< 13.0	U	3					< 126	U
AG174	2				< 6.40	U	1					< 5.80	U
AGG	2				< 1.66	U	1					< 6.66	U
FB200	2				< 8.48	U	3					< 84.9	U
FB203	2				< 16.2	U	3					< 143	U
All Snohomish CB Locations	3				< 3.94	U	6	3.77	3.89	25.7	77.8	93.3	E
All Snohomish RB Locations	4				< 7.23	U	6					< 97.0	U
All Snohomish AG Locations	4				< 4.27	U	2					< 6.51	U
All Snohomish FB Locations	4				< 15.5	U	6					< 145	U
All Snohomish Locations	15				< 11.4	U	20	2.94	4.44	30.3	58.1	73.5	E
Puyallup Watershed													
CBA	2				< 3.91	U	3					< 109	U
CBB	1				< 0.863	U	3					< 30.7	U
RB53	2				< 2.36	U	3					< 23.1	U
RB209	2				< 3.14	U	3					< 30.5	U
AG143	2				< 2.49	U	1					< 6.91	U
AG62	2				< 4.34	U	1					< 10.2	U
FB130	2				< 13.7	U	3					< 98.5	U
FB372	2				< 3.51	U	3					< 74.4	U
All Puyallup CB Locations	3				< 2.69	U	6					< 90.0	U
All Puyallup RB Locations	4				< 2.82	U	6					< 28.4	U
All Puyallup AG Locations	4				< 3.72	U	2					< 9.01	U
All Puyallup FB Locations	4				< 5.02	U	6					< 78.9	U
All Puyallup Locations	15				< 3.54	U	20					< 74.0	U
All Monitoring Locations Combined													
All CB Locations	6				< 3.05	U	12	2.63	5.70	26.5	42.1	65.2	E
All RB Locations	8				< 5.06	U	12					< 62.1	U
All AG Locations	8				< 4.13	U	4					< 7.66	U
All FB Locations	8				< 13.5	U	12					< 139	U
All Locations	30				< 7.82	U	40	2.34	5.11	23.4	46.2	58.4	E

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-291. Absolute and unit area toxic chemical loading estimates for PCB-132-168 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2	5.12		10.2		15.4		3	244	251	275	493	566	
CBX	1					< 1.85	U	3	8.47	9.43	12.3	25.0	29.3	
RB111	2					< 3.39	U	3	3.77	5.01	8.73	30.5	37.7	E
RB202	2					< 13.0	U	3					< 126	U
AG174	2					< 6.40	U	1					< 5.80	U
AGG	2					< 1.66	U	1					< 6.66	U
FB200	2					< 8.48	U	3					< 84.9	U
FB203	2					< 16.2	U	3					< 143	U
All Snohomish CB Locations	3	1.97	2.31	3.32	8.30	9.96		6	8.56	12.4	135	272	560	
All Snohomish RB Locations	4					< 7.23	U	6	2.40	4.61	17.5	46.1	48.5	E
All Snohomish AG Locations	4					< 4.27	U	2					< 6.51	U
All Snohomish FB Locations	4					< 15.5	U	6					< 145	U
All Snomomish Locations	15	5.16	5.16	5.16	5.43	26.1	E	20	2.94	6.12	26.8	59.7	441	E
Puyallup Watershed														
CBA	2	1.96		4.79		7.62	E	3	19.5	22.4	30.9	60.7	70.6	
CBB	1			0.454				3	3.26	4.00	6.21	12.0	14.0	
RB53	2					< 2.36	U	3					< 23.1	U
RB209	2					< 3.14	U	3					< 30.5	U
AG143	2	1.25		2.49		3.74	E	1					< 6.91	U
AG62	2					< 4.34	U	1					< 10.2	U
FB130	2					< 13.7	U	3					< 98.5	U
FB372	2					< 3.51	U	3					< 74.4	U
All Puyallup CB Locations	3	1.35	1.36	1.42	4.29	5.25		6	4.72	9.00	18.2	25.6	58.5	
All Puyallup RB Locations	4					< 2.82	U	6					< 28.4	U
All Puyallup AG Locations	4	1.77	1.77	1.82	3.59	5.31	E	2					< 9.01	U
All Puyallup FB Locations	4					< 5.02	U	6					< 78.9	U
All Puyallup Locations	15	1.60	1.60	1.68	1.68	6.23	E	20	3.53	3.53	15.6	25.6	43.7	E
All Monitoring Locations Combined														
All CB Locations	6	1.52	1.52	2.09	5.93	7.70		12	5.70	9.77	22.5	119	391	
All RB Locations	8					< 5.06	U	12	1.54	3.26	14.9	29.5	31.0	E
All AG Locations	8	1.87	1.87	1.97	2.02	5.90	E	4					< 7.66	U
All FB Locations	8					< 13.5	U	12					< 139	U
All Locations	30	3.54	3.54	3.72	3.72	17.9	E	40	2.34	5.11	22.5	46.2	350	E

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-292. Absolute and unit area toxic chemical loading estimates for PCB-133 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 6.09	U	3	11.0	11.4	12.6	73.9	94.3	
CBX	1					< 1.85	U	3					< 154	U
RB111	2					< 3.39	U	3					< 75.4	U
RB202	2					< 13.0	U	3					< 126	U
AG174	2					< 6.40	U	1					< 5.80	U
AGG	2					< 1.66	U	1					< 6.66	U
FB200	2					< 8.48	U	3					< 84.9	U
FB203	2					< 16.2	U	3					< 143	U
All Snohomish CB Locations	3					< 3.94	U	6	3.77	10.9	25.7	77.8	93.3	E
All Snohomish RB Locations	4					< 7.23	U	6					< 97.0	U
All Snohomish AG Locations	4					< 4.27	U	2					< 6.51	U
All Snohomish FB Locations	4					< 15.5	U	6					< 145	U
All Snohomish Locations	15					< 11.4	U	20	2.94	5.81	30.3	58.1	73.5	E
Puyallup Watershed														
CBA	2					< 3.91	U	3					< 109	U
CBB	1					< 0.863	U	3					< 30.7	U
RB53	2					< 2.36	U	3					< 23.1	U
RB209	2					< 3.14	U	3					< 30.5	U
AG143	2					< 2.49	U	1					< 6.91	U
AG62	2					< 4.34	U	1					< 10.2	U
FB130	2					< 13.7	U	3					< 98.5	U
FB372	2					< 3.51	U	3					< 74.4	U
All Puyallup CB Locations	3					< 2.69	U	6					< 90.0	U
All Puyallup RB Locations	4					< 2.82	U	6					< 28.4	U
All Puyallup AG Locations	4					< 3.72	U	2					< 9.01	U
All Puyallup FB Locations	4					< 5.02	U	6					< 78.9	U
All Puyallup Locations	15					< 3.54	U	20					< 74.0	U
All Monitoring Locations Combined														
All CB Locations	6					< 3.05	U	12	2.63	6.65	26.5	42.1	65.2	E
All RB Locations	8					< 5.06	U	12					< 62.1	U
All AG Locations	8					< 4.13	U	4					< 7.66	U
All FB Locations	8					< 13.5	U	12					< 139	U
All Locations	30					< 7.82	U	40	2.34	5.11	23.4	46.2	58.4	E

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-293. Absolute and unit area toxic chemical loading estimates for PCB-134 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 6.09	U	3	36.9	42.0	57.4	96.9	110	
CBX	1					< 1.85	U	3					< 154	U
RB111	2					< 3.39	U	3					< 75.4	U
RB202	2					< 13.0	U	3					< 126	U
AG174	2					< 6.40	U	1					< 5.80	U
AGG	2					< 1.66	U	1					< 6.66	U
FB200	2					< 8.48	U	3					< 84.9	U
FB203	2					< 16.2	U	3					< 143	U
All Snohomish CB Locations	3					< 3.94	U	6	3.77	36.6	47.8	77.8	109	E
All Snohomish RB Locations	4					< 7.23	U	6					< 97.0	U
All Snohomish AG Locations	4					< 4.27	U	2					< 6.51	U
All Snohomish FB Locations	4					< 15.5	U	6					< 145	U
All Snohomish Locations	15					< 11.4	U	20	2.94	5.81	30.5	58.1	85.7	E
Puyallup Watershed														
CBA	2					< 3.91	U	3	5.43	5.49	5.70	13.6	16.3	
CBB	1					< 0.863	U	3					< 30.7	U
RB53	2					< 2.36	U	3					< 23.1	U
RB209	2					< 3.14	U	3					< 30.5	U
AG143	2					< 2.49	U	1					< 6.91	U
AG62	2					< 4.34	U	1					< 10.2	U
FB130	2					< 13.7	U	3					< 98.5	U
FB372	2					< 3.51	U	3					< 74.4	U
All Puyallup CB Locations	3					< 2.69	U	6	4.50	4.72	9.11	21.6	22.3	E
All Puyallup RB Locations	4					< 2.82	U	6					< 28.4	U
All Puyallup AG Locations	4					< 3.72	U	2					< 9.01	U
All Puyallup FB Locations	4					< 5.02	U	6					< 78.9	U
All Puyallup Locations	15					< 3.54	U	20	3.36	3.53	13.0	16.6	37.0	E
All Monitoring Locations Combined														
All CB Locations	6					< 3.05	U	12	2.63	5.70	25.8	33.4	76.0	E
All RB Locations	8					< 5.06	U	12					< 62.1	U
All AG Locations	8					< 4.13	U	4					< 7.66	U
All FB Locations	8					< 13.5	U	12					< 139	U
All Locations	30					< 7.82	U	40	2.34	5.11	23.4	40.9	68.1	E

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-294. Absolute and unit area toxic chemical loading estimates for PCB-135-144 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 6.09	U	3	102	106	118	200	228	
CBX	1					< 1.85	U	3	12.3	18.9	38.5	67.4	77.0	E
RB111	2					< 3.39	U	3	3.77	4.41	6.35	29.9	37.7	E
RB202	2					< 13.0	U	3					< 126	U
AG174	2					< 6.40	U	1					< 5.80	U
AGG	2					< 1.66	U	1					< 6.66	U
FB200	2					< 8.48	U	3					< 84.9	U
FB203	2					< 16.2	U	3					< 143	U
All Snohomish CB Locations	3					< 3.94	U	6	12.4	38.9	89.4	117	226	
All Snohomish RB Locations	4					< 7.23	U	6	2.40	4.61	16.0	46.1	48.5	E
All Snohomish AG Locations	4					< 4.27	U	2					< 6.51	U
All Snohomish FB Locations	4					< 15.5	U	6					< 145	U
All Snomomish Locations	15					< 11.4	U	20	2.94	6.12	30.5	61.2	178	E
Puyallup Watershed														
CBA	2	1.96		3.45		4.94	E	3	13.0	14.2	17.9	33.4	38.5	
CBB	1					< 0.863	U	3	3.26	3.38	3.73	6.29	7.14	
RB53	2					< 2.36	U	3					< 23.1	U
RB209	2					< 3.14	U	3					< 30.5	U
AG143	2	1.25		1.75		2.24	E	1					< 6.91	U
AG62	2					< 4.34	U	1					< 10.2	U
FB130	2					< 13.7	U	3					< 98.5	U
FB372	2					< 3.51	U	3					< 74.4	U
All Puyallup CB Locations	3	1.35	1.35	1.35	2.89	3.40	E	6	4.72	5.40	10.6	14.8	31.9	
All Puyallup RB Locations	4					< 2.82	U	6					< 28.4	U
All Puyallup AG Locations	4	1.77	1.77	1.82	2.52	3.19	E	2					< 9.01	U
All Puyallup FB Locations	4					< 5.02	U	6					< 78.9	U
All Puyallup Locations	15	1.60	1.60	1.68	1.68	4.04	E	20	3.53	3.53	9.59	20.2	37.0	E
All Monitoring Locations Combined														
All CB Locations	6	1.52	1.52	1.52	1.52	3.85	E	12	5.70	10.6	22.5	62.4	157	
All RB Locations	8					< 5.06	U	12	1.54	3.26	14.9	29.5	31.0	E
All AG Locations	8	1.87	1.87	1.97	2.02	3.54	E	4					< 7.66	U
All FB Locations	8					< 13.5	U	12					< 139	U
All Locations	30	3.54	3.54	3.54	3.72	8.94	E	40	2.34	5.11	23.2	46.2	141	E

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-295. Absolute and unit area toxic chemical loading estimates for PCB-136 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 6.09	U	3	69.2	69.9	72.3	136	157	
CBX	1					< 1.85	U	3	9.24	16.6	38.5	67.4	77.0	E
RB111	2					< 3.39	U	3					< 75.4	U
RB202	2					< 13.0	U	3					< 126	U
AG174	2					< 6.40	U	1					< 5.80	U
AGG	2					< 1.66	U	1					< 6.66	U
FB200	2					< 8.48	U	3					< 84.9	U
FB203	2					< 16.2	U	3					< 143	U
All Snohomish CB Locations	3					< 3.94	U	6	9.33	38.9	70.0	77.8	156	
All Snohomish RB Locations	4					< 7.23	U	6					< 97.0	U
All Snohomish AG Locations	4					< 4.27	U	2					< 6.51	U
All Snohomish FB Locations	4					< 15.5	U	6					< 145	U
All Snohomish Locations	15					< 11.4	U	20	2.94	6.12	30.6	58.1	122	E
Puyallup Watershed														
CBA	2	1.96		2.52		3.09	E	3	10.3	10.4	10.9	20.2	23.3	
CBB	1					< 0.863	U	3	3.26	3.76	5.28	12.8	15.4	E
RB53	2					< 2.36	U	3					< 23.1	U
RB209	2					< 3.14	U	3					< 30.5	U
AG143	2	1.25		1.31		1.37	E	1					< 6.91	U
AG62	2					< 4.34	U	1					< 10.2	U
FB130	2					< 13.7	U	3					< 98.5	U
FB372	2					< 3.51	U	3					< 74.4	U
All Puyallup CB Locations	3	1.35	1.35	1.35	1.93	2.13	E	6	4.72	7.65	8.77	19.3	22.3	
All Puyallup RB Locations	4					< 2.82	U	6					< 28.4	U
All Puyallup AG Locations	4	1.77	1.77	1.82	1.90	1.95	E	2					< 9.01	U
All Puyallup FB Locations	4					< 5.02	U	6					< 78.9	U
All Puyallup Locations	15	1.60	1.60	1.68	1.68	2.53	E	20	3.53	3.53	10.6	16.6	37.0	E
All Monitoring Locations Combined														
All CB Locations	6	1.52	1.52	1.52	1.52	2.41	E	12	5.70	9.77	25.1	48.9	109	
All RB Locations	8					< 5.06	U	12					< 62.1	U
All AG Locations	8	1.87	1.87	1.97	2.02	2.16	E	4					< 7.66	U
All FB Locations	8					< 13.5	U	12					< 139	U
All Locations	30	3.54	3.54	3.54	3.72	5.59	E	40	2.34	5.11	23.4	45.5	97.3	E

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-296. Absolute and unit area toxic chemical loading estimates for PCB-137 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)													
Baseflow							Storm Event						
n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed													
CB335	2				< 6.09	U	3	56.6	64.0	86.4	92.3	94.3	
CBX	1				< 1.85	U	3					< 154	U
RB111	2				< 3.39	U	3					< 75.4	U
RB202	2				< 13.0	U	3					< 126	U
AG174	2				< 6.40	U	1					< 5.80	U
AGG	2				< 1.66	U	1					< 6.66	U
FB200	2				< 8.48	U	3	4.24	8.44	21.0	37.1	42.4	E
FB203	2				< 16.2	U	3					< 143	U
All Snohomish CB Locations	3				< 3.94	U	6	3.77	38.9	66.9	85.6	93.3	E
All Snohomish RB Locations	4				< 7.23	U	6					< 97.0	U
All Snohomish AG Locations	4				< 4.27	U	2					< 6.51	U
All Snohomish FB Locations	4				< 15.5	U	6	3.47	7.23	35.8	68.7	72.3	E
All Snohomish Locations	15				< 11.4	U	20	2.94	5.97	30.6	59.7	73.5	E
Puyallup Watershed													
CBA	2				< 3.91	U	3	5.70	7.12	11.4	43.6	54.3	E
CBB	1				< 0.863	U	3					< 30.7	U
RB53	2				< 2.36	U	3					< 23.1	U
RB209	2				< 3.14	U	3					< 30.5	U
AG143	2				< 2.49	U	1					< 6.91	U
AG62	2				< 4.34	U	1					< 10.2	U
FB130	2				< 13.7	U	3					< 98.5	U
FB372	2				< 3.51	U	3					< 74.4	U
All Puyallup CB Locations	3				< 2.69	U	6	4.72	4.72	15.5	22.3	45.0	E
All Puyallup RB Locations	4				< 2.82	U	6					< 28.4	U
All Puyallup AG Locations	4				< 3.72	U	2					< 9.01	U
All Puyallup FB Locations	4				< 5.02	U	6					< 78.9	U
All Puyallup Locations	15				< 3.54	U	20	3.53	3.53	16.1	24.3	37.0	E
All Monitoring Locations Combined													
All CB Locations	6				< 3.05	U	12	2.63	8.55	27.0	54.3	65.2	E
All RB Locations	8				< 5.06	U	12					< 62.1	U
All AG Locations	8				< 4.13	U	4					< 7.66	U
All FB Locations	8				< 13.5	U	12	3.03	6.64	31.1	61.6	69.5	E
All Locations	30				< 7.82	U	40	2.34	5.11	23.6	46.2	58.4	E

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-297. Absolute and unit area toxic chemical loading estimates for PCB-138-163-164 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2	10.6		48.5		86.5		3	629	766	1180	1470	1570	
CBX	1			0.975				3	25.4	27.1	32.3	65.8	77.0	
RB111	2					< 3.39	U	3	3.77	4.32	5.95	40.2	51.6	
RB202	2					< 13.0	U	3	3.13	8.19	23.4	53.3	63.2	E
AG174	2					< 6.40	U	1					< 5.80	U
AGG	2	0.832		1.12		1.40	E	1					< 6.66	U
FB200	2					< 8.48	U	3					< 84.9	U
FB203	2	8.12		8.76		9.40	E	3					< 143	U
All Snohomish CB Locations	3	2.07	3.27	6.84	43.7	56.0		6	25.7	32.7	350	1170	1560	
All Snohomish RB Locations	4					< 7.23	U	6	2.40	4.61	12.6	48.5	63.1	E
All Snohomish AG Locations	4	2.03	2.03	2.08	2.77	3.41	E	2					< 6.51	U
All Snohomish FB Locations	4	7.75	7.75	7.75	8.36	8.97	E	6					< 145	U
All Snohomish Locations	15	5.16	5.16	5.43	5.91	147	E	20	2.94	6.12	28.0	61.2	1220	E
Puyallup Watershed														
CBA	2	11.1		15.9		20.6		3	39.1	52.4	92.3	247	299	
CBB	1			0.908				3	8.69	10.4	15.4	29.5	34.1	
RB53	2	1.12		1.51		1.89	E	3					< 23.1	U
RB209	2	1.57		1.80		2.04	E	3					< 30.5	U
AG143	2	5.98		8.10		10.2		1					< 6.91	U
AG62	2	2.17		2.63		3.10	E	1					< 10.2	U
FB130	2	6.85		7.88		8.91	E	3					< 98.5	U
FB372	2	1.76		2.17		2.59	E	3					< 74.4	U
All Puyallup CB Locations	3	2.84	4.04	7.66	12.5	14.2		6	12.6	22.3	40.9	76.5	247	
All Puyallup RB Locations	4	1.34	1.38	1.62	2.05	2.26	E	6					< 28.4	U
All Puyallup AG Locations	4	1.86	2.26	5.58	11.5	14.5		2					< 9.01	U
All Puyallup FB Locations	4	2.38	2.45	2.89	3.39	3.51	E	6					< 78.9	U
All Puyallup Locations	15	1.60	1.70	2.36	6.90	16.8		20	3.53	3.53	16.3	33.6	185	E
All Monitoring Locations Combined														
All CB Locations	6	1.60	3.21	6.98	16.0	43.3		12	15.2	24.8	57.0	367	1090	
All RB Locations	8	2.29	2.35	2.41	2.83	3.85	E	12	1.54	3.26	13.2	30.3	40.3	E
All AG Locations	8	1.87	1.92	2.51	6.29	16.1	E	4					< 7.66	U
All FB Locations	8	6.41	6.41	6.58	8.10	9.45	E	12					< 139	U
All Locations	30	3.54	3.54	3.91	5.96	101	E	40	2.34	5.11	23.6	48.7	973	E

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-298. Absolute and unit area toxic chemical loading estimates for PCB-139-149 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2	9.93		16.8		23.7		3	464	499	605	976	1100	
CBX	1			1.46				3	33.9	35.0	38.5	60.4	67.8	
RB111	2					< 3.39	U	3	3.77	5.31	9.92	31.7	38.9	
RB202	2					< 13.0	U	3	3.13	4.56	8.85	25.9	31.6	E
AG174	2					< 6.40	U	1					< 5.80	U
AGG	2	0.832		1.07		1.31	E	1					< 6.66	U
FB200	2	4.24		4.57		4.91	E	3					< 84.9	U
FB203	2	8.12		10.9		13.7	E	3					< 143	U
All Snohomish CB Locations	3	3.11	3.94	6.43	13.1	15.3		6	34.2	38.9	264	599	1090	
All Snohomish RB Locations	4					< 7.23	U	6	2.40	4.61	9.46	24.3	47.5	E
All Snohomish AG Locations	4	2.03	2.03	2.08	2.67	3.20	E	2					< 6.51	U
All Snohomish FB Locations	4	7.75	7.75	8.36	11.0	13.1	E	6					< 145	U
All Snohomish Locations	15	5.16	5.16	5.43	8.15	40.2	E	20	2.94	6.12	30.3	59.1	857	E
Puyallup Watershed														
CBA	2	7.21		14.9		22.6		3	59.7	66.5	86.8	185	217	
CBB	1			1.18				3	10.2	11.5	15.4	29.5	34.1	
RB53	2	1.12		1.80		2.48	E	3	2.54	3.29	5.53	10.0	11.5	E
RB209	2	1.57		2.12		2.67	E	3					< 30.5	U
AG143	2	6.36		8.17		9.97		1			10.2			
AG62	2	2.17		3.25		4.34	E	1					< 10.2	U
FB130	2	6.85		9.60		12.3	E	3					< 98.5	U
FB372	2	1.76		2.54		3.33	E	3					< 74.4	U
All Puyallup CB Locations	3	3.69	4.01	4.96	12.9	15.6		6	14.8	22.3	49.5	72.0	180	
All Puyallup RB Locations	4	1.34	1.38	1.90	2.68	2.96	E	6	1.49	3.12	6.82	13.5	14.2	E
All Puyallup AG Locations	4	1.86	2.79	6.38	11.6	14.2		2	4.51		8.91		13.3	E
All Puyallup FB Locations	4	2.38	2.45	3.51	4.52	4.52	E	6					< 78.9	U
All Puyallup Locations	15	1.60	1.70	3.03	5.51	18.5		20	3.53	8.92	16.3	35.3	135	E
All Monitoring Locations Combined														
All CB Locations	6	2.41	4.17	5.29	11.9	17.6		12	17.9	27.0	59.7	269	760	
All RB Locations	8	2.29	2.35	2.41	3.31	5.06	E	12	1.54	3.80	11.3	22.5	31.0	E
All AG Locations	8	1.87	1.92	2.51	7.08	15.7	E	4	3.47	3.65	3.83	7.57	11.3	E
All FB Locations	8	6.41	6.41	7.09	11.5	12.1	E	12					< 139	U
All Locations	30	3.54	3.72	4.84	7.82	41.0		40	2.34	5.96	24.0	48.7	681	E

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-299. Absolute and unit area toxic chemical loading estimates for PCB-140 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 6.09	U	3					< 189	U
CBX	1					< 1.85	U	3					< 154	U
RB111	2					< 3.39	U	3					< 75.4	U
RB202	2					< 13.0	U	3					< 126	U
AG174	2					< 6.40	U	1					< 5.80	U
AGG	2					< 1.66	U	1					< 6.66	U
FB200	2					< 8.48	U	3					< 84.9	U
FB203	2					< 16.2	U	3					< 143	U
All Snohomish CB Locations	3					< 3.94	U	6					< 187	U
All Snohomish RB Locations	4					< 7.23	U	6					< 97.0	U
All Snohomish AG Locations	4					< 4.27	U	2					< 6.51	U
All Snohomish FB Locations	4					< 15.5	U	6					< 145	U
All Snohomish Locations	15					< 11.4	U	20					< 147	U
Puyallup Watershed														
CBA	2					< 3.91	U	3					< 109	U
CBB	1					< 0.863	U	3					< 30.7	U
RB53	2					< 2.36	U	3					< 23.1	U
RB209	2					< 3.14	U	3					< 30.5	U
AG143	2					< 2.49	U	1					< 6.91	U
AG62	2					< 4.34	U	1					< 10.2	U
FB130	2					< 13.7	U	3					< 98.5	U
FB372	2					< 3.51	U	3					< 74.4	U
All Puyallup CB Locations	3					< 2.69	U	6					< 90.0	U
All Puyallup RB Locations	4					< 2.82	U	6					< 28.4	U
All Puyallup AG Locations	4					< 3.72	U	2					< 9.01	U
All Puyallup FB Locations	4					< 5.02	U	6					< 78.9	U
All Puyallup Locations	15					< 3.54	U	20					< 74.0	U
All Monitoring Locations Combined														
All CB Locations	6					< 3.05	U	12					< 130	U
All RB Locations	8					< 5.06	U	12					< 62.1	U
All AG Locations	8					< 4.13	U	4					< 7.66	U
All FB Locations	8					< 13.5	U	12					< 139	U
All Locations	30					< 7.82	U	40					< 117	U

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-300. Absolute and unit area toxic chemical loading estimates for PCB-141 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2	3.04		7.29		11.5	E	3	134	141	165	271	306	
CBX	1					< 1.85	U	3	17.7	22.9	38.5	67.4	77.0	E
RB111	2					< 3.39	U	3	3.77	5.41	10.3	30.9	37.7	E
RB202	2					< 13.0	U	3					< 126	U
AG174	2					< 6.40	U	1					< 5.80	U
AGG	2					< 1.66	U	1					< 6.66	U
FB200	2					< 8.48	U	3					< 84.9	U
FB203	2					< 16.2	U	3					< 143	U
All Snohomish CB Locations	3	1.97	1.97	1.97	6.09	7.47	E	6	17.9	38.9	105	163	303	
All Snohomish RB Locations	4					< 7.23	U	6	2.40	4.61	18.4	46.1	48.5	E
All Snohomish AG Locations	4					< 4.27	U	2					< 6.51	U
All Snohomish FB Locations	4					< 15.5	U	6					< 145	U
All Snomomish Locations	15	5.16	5.16	5.16	5.43	19.6	E	20	2.94	6.12	30.5	61.2	239	E
Puyallup Watershed														
CBA	2	1.96		4.07		6.18	E	3	14.1	16.3	22.8	46.4	54.3	
CBB	1					< 0.863	U	3	3.26	3.38	3.73	7.45	8.69	
RB53	2					< 2.36	U	3					< 23.1	U
RB209	2					< 3.14	U	3					< 30.5	U
AG143	2	1.25		2.12		2.99	E	1					< 6.91	U
AG62	2					< 4.34	U	1					< 10.2	U
FB130	2					< 13.7	U	3					< 98.5	U
FB372	2					< 3.51	U	3					< 74.4	U
All Puyallup CB Locations	3	1.35	1.35	1.35	3.53	4.25	E	6	4.72	5.40	12.1	18.9	45.0	
All Puyallup RB Locations	4					< 2.82	U	6					< 28.4	U
All Puyallup AG Locations	4	1.77	1.77	1.82	3.05	4.25	E	2					< 9.01	U
All Puyallup FB Locations	4					< 5.02	U	6					< 78.9	U
All Puyallup Locations	15	1.60	1.60	1.68	1.68	5.05	E	20	3.53	3.53	11.8	24.2	37.0	E
All Monitoring Locations Combined														
All CB Locations	6	1.52	1.52	1.52	4.81	5.77	E	12	5.70	13.3	25.0	73.3	212	
All RB Locations	8					< 5.06	U	12	1.54	3.26	14.9	29.5	31.0	E
All AG Locations	8	1.87	1.87	1.97	2.02	4.72	E	4					< 7.66	U
All FB Locations	8					< 13.5	U	12					< 139	U
All Locations	30	3.54	3.54	3.54	3.72	13.4	E	40	2.34	5.11	23.2	47.4	190	E

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-301. Absolute and unit area toxic chemical loading estimates for PCB-143 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 6.09	U	3	3.93	6.48	14.1	32.1	38.1	E
CBX	1					< 1.85	U	3					< 154	U
RB111	2					< 3.39	U	3					< 75.4	U
RB202	2					< 13.0	U	3					< 126	U
AG174	2					< 6.40	U	1					< 5.80	U
AGG	2					< 1.66	U	1					< 6.66	U
FB200	2					< 8.48	U	3					< 84.9	U
FB203	2					< 16.2	U	3					< 143	U
All Snohomish CB Locations	3					< 3.94	U	6	3.77	3.89	25.9	38.9	77.8	E
All Snohomish RB Locations	4					< 7.23	U	6					< 97.0	U
All Snohomish AG Locations	4					< 4.27	U	2					< 6.51	U
All Snohomish FB Locations	4					< 15.5	U	6					< 145	U
All Snohomish Locations	15					< 11.4	U	20	2.94	4.44	30.0	45.9	61.2	E
Puyallup Watershed														
CBA	2					< 3.91	U	3					< 109	U
CBB	1					< 0.863	U	3					< 30.7	U
RB53	2					< 2.36	U	3					< 23.1	U
RB209	2					< 3.14	U	3					< 30.5	U
AG143	2					< 2.49	U	1					< 6.91	U
AG62	2					< 4.34	U	1					< 10.2	U
FB130	2					< 13.7	U	3					< 98.5	U
FB372	2					< 3.51	U	3					< 74.4	U
All Puyallup CB Locations	3					< 2.69	U	6					< 90.0	U
All Puyallup RB Locations	4					< 2.82	U	6					< 28.4	U
All Puyallup AG Locations	4					< 3.72	U	2					< 9.01	U
All Puyallup FB Locations	4					< 5.02	U	6					< 78.9	U
All Puyallup Locations	15					< 3.54	U	20					< 74.0	U
All Monitoring Locations Combined														
All CB Locations	6					< 3.05	U	12	2.63	5.70	26.2	28.5	54.3	E
All RB Locations	8					< 5.06	U	12					< 62.1	U
All AG Locations	8					< 4.13	U	4					< 7.66	U
All FB Locations	8					< 13.5	U	12					< 139	U
All Locations	30					< 7.82	U	40	2.34	5.11	23.4	36.5	53.5	E

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-302. Absolute and unit area toxic chemical loading estimates for PCB-145 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)													
Baseflow							Storm Event						
n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed													
CB335	2				< 6.09	U	3					< 189	U
CBX	1				< 1.85	U	3					< 154	U
RB111	2				< 3.39	U	3					< 75.4	U
RB202	2				< 13.0	U	3					< 126	U
AG174	2				< 6.40	U	1					< 5.80	U
AGG	2				< 1.66	U	1					< 6.66	U
FB200	2				< 8.48	U	3					< 84.9	U
FB203	2				< 16.2	U	3					< 143	U
All Snohomish CB Locations	3				< 3.94	U	6					< 187	U
All Snohomish RB Locations	4				< 7.23	U	6					< 97.0	U
All Snohomish AG Locations	4				< 4.27	U	2					< 6.51	U
All Snohomish FB Locations	4				< 15.5	U	6					< 145	U
All Snohomish Locations	15				< 11.4	U	20					< 147	U
Puyallup Watershed													
CBA	2				< 3.91	U	3					< 109	U
CBB	1				< 0.863	U	3					< 30.7	U
RB53	2				< 2.36	U	3					< 23.1	U
RB209	2				< 3.14	U	3					< 30.5	U
AG143	2				< 2.49	U	1					< 6.91	U
AG62	2				< 4.34	U	1					< 10.2	U
FB130	2				< 13.7	U	3					< 98.5	U
FB372	2				< 3.51	U	3					< 74.4	U
All Puyallup CB Locations	3				< 2.69	U	6					< 90.0	U
All Puyallup RB Locations	4				< 2.82	U	6					< 28.4	U
All Puyallup AG Locations	4				< 3.72	U	2					< 9.01	U
All Puyallup FB Locations	4				< 5.02	U	6					< 78.9	U
All Puyallup Locations	15				< 3.54	U	20					< 74.0	U
All Monitoring Locations Combined													
All CB Locations	6				< 3.05	U	12					< 130	U
All RB Locations	8				< 5.06	U	12					< 62.1	U
All AG Locations	8				< 4.13	U	4					< 7.66	U
All FB Locations	8				< 13.5	U	12					< 139	U
All Locations	30				< 7.82	U	40					< 117	U

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-303. Absolute and unit area toxic chemical loading estimates for PCB-146 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2	3.04		5.04		7.05	E	3	94.3	102	126	179	196	
CBX	1					< 1.85	U	3	12.3	18.9	38.5	67.4	77.0	E
RB111	2					< 3.39	U	3	3.77	4.52	6.75	30.0	37.7	E
RB202	2					< 13.0	U	3					< 126	U
AG174	2					< 6.40	U	1					< 5.80	U
AGG	2					< 1.66	U	1					< 6.66	U
FB200	2					< 8.48	U	3					< 84.9	U
FB203	2					< 16.2	U	3					< 143	U
All Snohomish CB Locations	3	1.97	1.97	1.97	3.92	4.56	E	6	12.4	38.9	85.6	124	194	
All Snohomish RB Locations	4					< 7.23	U	6	2.40	4.61	16.3	46.1	48.5	E
All Snohomish AG Locations	4					< 4.27	U	2					< 6.51	U
All Snohomish FB Locations	4					< 15.5	U	6					< 145	U
All Snohomish Locations	15	5.16	5.16	5.16	5.43	11.9	E	20	2.94	6.12	30.5	61.2	153	E
Puyallup Watershed														
CBA	2	1.96		2.83		3.71	E	3	5.70	8.89	18.5	32.3	36.9	
CBB	1					< 0.863	U	3	3.26	3.76	5.28	12.8	15.4	E
RB53	2					< 2.36	U	3					< 23.1	U
RB209	2					< 3.14	U	3					< 30.5	U
AG143	2	1.25		1.37		1.50	E	1					< 6.91	U
AG62	2					< 4.34	U	1					< 10.2	U
FB130	2					< 13.7	U	3					< 98.5	U
FB372	2					< 3.51	U	3					< 74.4	U
All Puyallup CB Locations	3	1.35	1.35	1.35	2.25	2.55	E	6	4.72	4.72	11.5	22.3	30.6	E
All Puyallup RB Locations	4					< 2.82	U	6					< 28.4	U
All Puyallup AG Locations	4	1.77	1.77	1.82	1.99	2.13	E	2					< 9.01	U
All Puyallup FB Locations	4					< 5.02	U	6					< 78.9	U
All Puyallup Locations	15	1.60	1.60	1.68	1.68	3.03	E	20	3.53	3.53	13.7	19.8	37.0	E
All Monitoring Locations Combined														
All CB Locations	6	1.52	1.52	1.52	2.89	3.53	E	12	5.70	8.96	27.0	59.7	136	
All RB Locations	8					< 5.06	U	12	1.54	3.26	14.9	29.5	31.0	E
All AG Locations	8	1.87	1.87	1.97	2.02	2.36	E	4					< 7.66	U
All FB Locations	8					< 13.5	U	12					< 139	U
All Locations	30	3.54	3.54	3.54	3.72	8.19	E	40	2.34	5.11	23.4	46.2	122	E

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-304. Absolute and unit area toxic chemical loading estimates for PCB-147 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 6.09	U	3	18.9	23.6	37.7	80.2	94.3	
CBX	1					< 1.85	U	3					< 154	U
RB111	2					< 3.39	U	3					< 75.4	U
RB202	2					< 13.0	U	3					< 126	U
AG174	2					< 6.40	U	1					< 5.80	U
AGG	2					< 1.66	U	1					< 6.66	U
FB200	2					< 8.48	U	3					< 84.9	U
FB203	2					< 16.2	U	3					< 143	U
All Snohomish CB Locations	3					< 3.94	U	6	3.77	18.7	38.1	77.8	93.3	E
All Snohomish RB Locations	4					< 7.23	U	6					< 97.0	U
All Snohomish AG Locations	4					< 4.27	U	2					< 6.51	U
All Snohomish FB Locations	4					< 15.5	U	6					< 145	U
All Snohomish Locations	15					< 11.4	U	20	2.94	5.81	30.3	58.1	73.5	E
Puyallup Watershed														
CBA	2					< 3.91	U	3					< 109	U
CBB	1					< 0.863	U	3					< 30.7	U
RB53	2					< 2.36	U	3					< 23.1	U
RB209	2					< 3.14	U	3					< 30.5	U
AG143	2					< 2.49	U	1					< 6.91	U
AG62	2					< 4.34	U	1					< 10.2	U
FB130	2					< 13.7	U	3					< 98.5	U
FB372	2					< 3.51	U	3					< 74.4	U
All Puyallup CB Locations	3					< 2.69	U	6					< 90.0	U
All Puyallup RB Locations	4					< 2.82	U	6					< 28.4	U
All Puyallup AG Locations	4					< 3.72	U	2					< 9.01	U
All Puyallup FB Locations	4					< 5.02	U	6					< 78.9	U
All Puyallup Locations	15					< 3.54	U	20					< 74.0	U
All Monitoring Locations Combined														
All CB Locations	6					< 3.05	U	12	2.63	9.37	26.5	42.1	65.2	E
All RB Locations	8					< 5.06	U	12					< 62.1	U
All AG Locations	8					< 4.13	U	4					< 7.66	U
All FB Locations	8					< 13.5	U	12					< 139	U
All Locations	30					< 7.82	U	40	2.34	5.11	23.4	46.2	58.4	E

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-305. Absolute and unit area toxic chemical loading estimates for PCB-148 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 6.09	U	3					< 189	U
CBX	1					< 1.85	U	3					< 154	U
RB111	2					< 3.39	U	3					< 75.4	U
RB202	2					< 13.0	U	3					< 126	U
AG174	2					< 6.40	U	1					< 5.80	U
AGG	2					< 1.66	U	1					< 6.66	U
FB200	2					< 8.48	U	3					< 84.9	U
FB203	2					< 16.2	U	3					< 143	U
All Snohomish CB Locations	3					< 3.94	U	6					< 187	U
All Snohomish RB Locations	4					< 7.23	U	6					< 97.0	U
All Snohomish AG Locations	4					< 4.27	U	2					< 6.51	U
All Snohomish FB Locations	4					< 15.5	U	6					< 145	U
All Snohomish Locations	15					< 11.4	U	20					< 147	U
Puyallup Watershed														
CBA	2					< 3.91	U	3					< 109	U
CBB	1					< 0.863	U	3					< 30.7	U
RB53	2					< 2.36	U	3					< 23.1	U
RB209	2					< 3.14	U	3					< 30.5	U
AG143	2					< 2.49	U	1					< 6.91	U
AG62	2					< 4.34	U	1					< 10.2	U
FB130	2					< 13.7	U	3					< 98.5	U
FB372	2					< 3.51	U	3					< 74.4	U
All Puyallup CB Locations	3					< 2.69	U	6					< 90.0	U
All Puyallup RB Locations	4					< 2.82	U	6					< 28.4	U
All Puyallup AG Locations	4					< 3.72	U	2					< 9.01	U
All Puyallup FB Locations	4					< 5.02	U	6					< 78.9	U
All Puyallup Locations	15					< 3.54	U	20					< 74.0	U
All Monitoring Locations Combined														
All CB Locations	6					< 3.05	U	12					< 130	U
All RB Locations	8					< 5.06	U	12					< 62.1	U
All AG Locations	8					< 4.13	U	4					< 7.66	U
All FB Locations	8					< 13.5	U	12					< 139	U
All Locations	30					< 7.82	U	40					< 117	U

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-306. Absolute and unit area toxic chemical loading estimates for PCB-150 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 6.09	U	3					< 189	U
CBX	1					< 1.85	U	3					< 154	U
RB111	2					< 3.39	U	3					< 75.4	U
RB202	2					< 13.0	U	3					< 126	U
AG174	2					< 6.40	U	1					< 5.80	U
AGG	2					< 1.66	U	1					< 6.66	U
FB200	2					< 8.48	U	3					< 84.9	U
FB203	2					< 16.2	U	3					< 143	U
All Snohomish CB Locations	3					< 3.94	U	6					< 187	U
All Snohomish RB Locations	4					< 7.23	U	6					< 97.0	U
All Snohomish AG Locations	4					< 4.27	U	2					< 6.51	U
All Snohomish FB Locations	4					< 15.5	U	6					< 145	U
All Snohomish Locations	15					< 11.4	U	20					< 147	U
Puyallup Watershed														
CBA	2					< 3.91	U	3					< 109	U
CBB	1					< 0.863	U	3					< 30.7	U
RB53	2					< 2.36	U	3					< 23.1	U
RB209	2					< 3.14	U	3					< 30.5	U
AG143	2					< 2.49	U	1					< 6.91	U
AG62	2					< 4.34	U	1					< 10.2	U
FB130	2					< 13.7	U	3					< 98.5	U
FB372	2					< 3.51	U	3					< 74.4	U
All Puyallup CB Locations	3					< 2.69	U	6					< 90.0	U
All Puyallup RB Locations	4					< 2.82	U	6					< 28.4	U
All Puyallup AG Locations	4					< 3.72	U	2					< 9.01	U
All Puyallup FB Locations	4					< 5.02	U	6					< 78.9	U
All Puyallup Locations	15					< 3.54	U	20					< 74.0	U
All Monitoring Locations Combined														
All CB Locations	6					< 3.05	U	12					< 130	U
All RB Locations	8					< 5.06	U	12					< 62.1	U
All AG Locations	8					< 4.13	U	4					< 7.66	U
All FB Locations	8					< 13.5	U	12					< 139	U
All Locations	30					< 7.82	U	40					< 117	U

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-307. Absolute and unit area toxic chemical loading estimates for PCB-151 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 6.09	U	3	86.4	90.4	102	167	189	
CBX	1					< 1.85	U	3	8.47	10.2	15.4	32.7	38.5	
RB111	2					< 3.39	U	3	3.77	5.71	11.5	31.2	37.7	E
RB202	2					< 13.0	U	3					< 126	U
AG174	2					< 6.40	U	1					< 5.80	U
AGG	2					< 1.66	U	1					< 6.66	U
FB200	2					< 8.48	U	3					< 84.9	U
FB203	2					< 16.2	U	3					< 143	U
All Snohomish CB Locations	3					< 3.94	U	6	8.56	15.6	62.2	101	187	
All Snohomish RB Locations	4					< 7.23	U	6	2.40	4.61	19.2	46.1	48.5	E
All Snohomish AG Locations	4					< 4.27	U	2					< 6.51	U
All Snohomish FB Locations	4					< 15.5	U	6					< 145	U
All Snohomish Locations	15					< 11.4	U	20	2.94	6.12	30.3	59.7	147	E
Puyallup Watershed														
CBA	2	1.96		4.17		6.38	E	3	17.9	18.6	20.6	39.8	46.1	
CBB	1					< 0.863	U	3	3.26	3.53	4.35	7.61	8.69	
RB53	2					< 2.36	U	3					< 23.1	U
RB209	2					< 3.14	U	3					< 30.5	U
AG143	2	1.25		1.93		2.62	E	1					< 6.91	U
AG62	2					< 4.34	U	1					< 10.2	U
FB130	2					< 13.7	U	3					< 98.5	U
FB372	2					< 3.51	U	3					< 74.4	U
All Puyallup CB Locations	3	1.35	1.35	1.35	3.63	4.40	E	6	4.72	6.30	13.7	17.1	38.2	
All Puyallup RB Locations	4					< 2.82	U	6					< 28.4	U
All Puyallup AG Locations	4	1.77	1.77	1.82	2.79	3.72	E	2					< 9.01	U
All Puyallup FB Locations	4					< 5.02	U	6					< 78.9	U
All Puyallup Locations	15	1.60	1.60	1.68	1.68	5.22	E	20	3.53	3.53	11.9	22.5	37.0	E
All Monitoring Locations Combined														
All CB Locations	6	1.52	1.52	1.52	1.52	4.97	E	12	5.70	9.23	19.3	52.9	130	
All RB Locations	8					< 5.06	U	12	1.54	3.26	14.9	29.5	31.0	E
All AG Locations	8	1.87	1.87	1.97	2.02	4.13	E	4					< 7.66	U
All FB Locations	8					< 13.5	U	12					< 139	U
All Locations	30	3.54	3.54	3.54	3.72	11.5	E	40	2.34	5.11	20.8	46.2	117	E

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-308. Absolute and unit area toxic chemical loading estimates for PCB-152 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 6.09	U	3					< 189	U
CBX	1					< 1.85	U	3					< 154	U
RB111	2					< 3.39	U	3					< 75.4	U
RB202	2					< 13.0	U	3					< 126	U
AG174	2					< 6.40	U	1					< 5.80	U
AGG	2					< 1.66	U	1					< 6.66	U
FB200	2					< 8.48	U	3					< 84.9	U
FB203	2					< 16.2	U	3					< 143	U
All Snohomish CB Locations	3					< 3.94	U	6					< 187	U
All Snohomish RB Locations	4					< 7.23	U	6					< 97.0	U
All Snohomish AG Locations	4					< 4.27	U	2					< 6.51	U
All Snohomish FB Locations	4					< 15.5	U	6					< 145	U
All Snohomish Locations	15					< 11.4	U	20					< 147	U
Puyallup Watershed														
CBA	2					< 3.91	U	3					< 109	U
CBB	1					< 0.863	U	3					< 30.7	U
RB53	2					< 2.36	U	3					< 23.1	U
RB209	2					< 3.14	U	3					< 30.5	U
AG143	2					< 2.49	U	1					< 6.91	U
AG62	2					< 4.34	U	1					< 10.2	U
FB130	2					< 13.7	U	3					< 98.5	U
FB372	2					< 3.51	U	3					< 74.4	U
All Puyallup CB Locations	3					< 2.69	U	6					< 90.0	U
All Puyallup RB Locations	4					< 2.82	U	6					< 28.4	U
All Puyallup AG Locations	4					< 3.72	U	2					< 9.01	U
All Puyallup FB Locations	4					< 5.02	U	6					< 78.9	U
All Puyallup Locations	15					< 3.54	U	20					< 74.0	U
All Monitoring Locations Combined														
All CB Locations	6					< 3.05	U	12					< 130	U
All RB Locations	8					< 5.06	U	12					< 62.1	U
All AG Locations	8					< 4.13	U	4					< 7.66	U
All FB Locations	8					< 13.5	U	12					< 139	U
All Locations	30					< 7.82	U	40					< 117	U

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-309. Absolute and unit area toxic chemical loading estimates for PCB-153 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2	6.73		25.8		44.8		3	354	434	676	876	943	
CBX	1					< 1.85	U	3	21.6	23.1	27.7	49.1	56.2	
RB111	2					< 3.39	U	3	3.77	4.22	5.56	34.1	43.7	
RB202	2					< 13.0	U	3	3.13	3.93	6.32	16.3	19.6	
AG174	2					< 6.40	U	1					< 5.80	U
AGG	2	0.832		0.986		1.14	E	1					< 6.66	U
FB200	2					< 8.48	U	3					< 84.9	U
FB203	2	8.12		8.33		8.55	E	3					< 143	U
All Snohomish CB Locations	3	1.97	2.57	4.36	22.9	29.0		6	21.8	28.0	203	669	933	
All Snohomish RB Locations	4					< 7.23	U	6	2.40	4.61	5.82	15.0	53.4	
All Snohomish AG Locations	4	2.03	2.03	2.08	2.45	2.77	E	2					< 6.51	U
All Snohomish FB Locations	4	7.75	7.75	7.75	7.95	8.16	E	6					< 145	U
All Snohomish Locations	15	5.16	5.16	5.43	5.64	76.0	E	20	2.94	5.97	20.5	59.7	735	E
Puyallup Watershed														
CBA	2	9.06		14.3		19.6		3	34.2	43.3	70.6	189	228	
CBB	1			0.727				3	3.26	6.29	15.4	21.8	23.9	E
RB53	2	1.12		1.39		1.65	E	3					< 23.1	U
RB209	2	1.57		1.57		1.57	E	3					< 30.5	U
AG143	2	5.49		6.92		8.35		1					< 6.91	U
AG62	2	2.17		2.43		2.69	E	1					< 10.2	U
FB130	2	6.85		7.54		8.22	E	3					< 98.5	U
FB372	2	1.76		1.99		2.22	E	3					< 74.4	U
All Puyallup CB Locations	3	2.27	3.26	6.24	11.7	13.5		6	4.72	22.3	31.5	58.5	189	
All Puyallup RB Locations	4	1.34	1.38	1.41	1.69	1.98	E	6					< 28.4	U
All Puyallup AG Locations	4	1.86	2.08	5.05	9.83	11.9		2					< 9.01	U
All Puyallup FB Locations	4	2.38	2.45	2.76	3.01	3.01	E	6					< 78.9	U
All Puyallup Locations	15	1.60	1.68	2.02	6.23	16.0		20	3.53	3.53	16.3	32.8	141	E
All Monitoring Locations Combined														
All CB Locations	6	1.52	2.57	5.21	15.2	22.5		12	5.70	23.2	40.7	236	652	
All RB Locations	8	2.29	2.35	2.41	2.47	3.37	E	12	1.54	3.18	6.98	22.2	34.1	E
All AG Locations	8	1.87	1.92	2.31	5.60	13.2	E	4					< 7.66	U
All FB Locations	8	6.41	6.41	6.58	7.42	8.10	E	12					< 139	U
All Locations	30	3.54	3.54	3.72	5.21	52.1	E	40	2.34	5.11	23.4	47.4	584	E

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-310. Absolute and unit area toxic chemical loading estimates for PCB-154 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 6.09	U	3					< 189	U
CBX	1					< 1.85	U	3					< 154	U
RB111	2					< 3.39	U	3					< 75.4	U
RB202	2					< 13.0	U	3					< 126	U
AG174	2					< 6.40	U	1					< 5.80	U
AGG	2					< 1.66	U	1					< 6.66	U
FB200	2					< 8.48	U	3					< 84.9	U
FB203	2					< 16.2	U	3					< 143	U
All Snohomish CB Locations	3					< 3.94	U	6					< 187	U
All Snohomish RB Locations	4					< 7.23	U	6					< 97.0	U
All Snohomish AG Locations	4					< 4.27	U	2					< 6.51	U
All Snohomish FB Locations	4					< 15.5	U	6					< 145	U
All Snohomish Locations	15					< 11.4	U	20					< 147	U
Puyallup Watershed														
CBA	2					< 3.91	U	3					< 109	U
CBB	1					< 0.863	U	3					< 30.7	U
RB53	2					< 2.36	U	3					< 23.1	U
RB209	2					< 3.14	U	3					< 30.5	U
AG143	2					< 2.49	U	1					< 6.91	U
AG62	2					< 4.34	U	1					< 10.2	U
FB130	2					< 13.7	U	3					< 98.5	U
FB372	2					< 3.51	U	3					< 74.4	U
All Puyallup CB Locations	3					< 2.69	U	6					< 90.0	U
All Puyallup RB Locations	4					< 2.82	U	6					< 28.4	U
All Puyallup AG Locations	4					< 3.72	U	2					< 9.01	U
All Puyallup FB Locations	4					< 5.02	U	6					< 78.9	U
All Puyallup Locations	15					< 3.54	U	20					< 74.0	U
All Monitoring Locations Combined														
All CB Locations	6					< 3.05	U	12					< 130	U
All RB Locations	8					< 5.06	U	12					< 62.1	U
All AG Locations	8					< 4.13	U	4					< 7.66	U
All FB Locations	8					< 13.5	U	12					< 139	U
All Locations	30					< 7.82	U	40					< 117	U

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-311. Absolute and unit area toxic chemical loading estimates for PCB-155 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 6.09	U	3					< 189	U
CBX	1					< 1.85	U	3					< 154	U
RB111	2					< 3.39	U	3					< 75.4	U
RB202	2					< 13.0	U	3					< 126	U
AG174	2					< 6.40	U	1					< 5.80	U
AGG	2					< 1.66	U	1					< 6.66	U
FB200	2					< 8.48	U	3					< 84.9	U
FB203	2					< 16.2	U	3					< 143	U
All Snohomish CB Locations	3					< 3.94	U	6					< 187	U
All Snohomish RB Locations	4					< 7.23	U	6					< 97.0	U
All Snohomish AG Locations	4					< 4.27	U	2					< 6.51	U
All Snohomish FB Locations	4					< 15.5	U	6					< 145	U
All Snohomish Locations	15					< 11.4	U	20					< 147	U
Puyallup Watershed														
CBA	2					< 3.91	U	3					< 109	U
CBB	1					< 0.863	U	3					< 30.7	U
RB53	2					< 2.36	U	3					< 23.1	U
RB209	2					< 3.14	U	3					< 30.5	U
AG143	2					< 2.49	U	1					< 6.91	U
AG62	2					< 4.34	U	1					< 10.2	U
FB130	2					< 13.7	U	3					< 98.5	U
FB372	2					< 3.51	U	3					< 74.4	U
All Puyallup CB Locations	3					< 2.69	U	6					< 90.0	U
All Puyallup RB Locations	4					< 2.82	U	6					< 28.4	U
All Puyallup AG Locations	4					< 3.72	U	2					< 9.01	U
All Puyallup FB Locations	4					< 5.02	U	6					< 78.9	U
All Puyallup Locations	15					< 3.54	U	20					< 74.0	U
All Monitoring Locations Combined														
All CB Locations	6					< 3.05	U	12					< 130	U
All RB Locations	8					< 5.06	U	12					< 62.1	U
All AG Locations	8					< 4.13	U	4					< 7.66	U
All FB Locations	8					< 13.5	U	12					< 139	U
All Locations	30					< 7.82	U	40					< 117	U

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-312. Absolute and unit area toxic chemical loading estimates for PCB-156 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2	3.04		9.21		15.4	E	3	69.2	70.7	75.4	160	189	
CBX	1					< 1.85	U	3	3.85	4.81	7.70	7.70	7.70	E
RB111	2					< 3.39	U	3					< 7.54	U
RB202	2					< 13.0	U	3					< 12.6	U
AG174	2					< 6.40	U	1					< 5.80	U
AGG	2					< 1.66	U	1					< 6.66	U
FB200	2					< 8.48	U	3					< 8.49	U
FB203	2					< 16.2	U	3					< 14.3	U
All Snohomish CB Locations	3	1.97	1.97	1.97	7.96	9.96	E	6	3.89	7.78	38.1	74.7	187	
All Snohomish RB Locations	4					< 7.23	U	6					< 9.70	U
All Snohomish AG Locations	4					< 4.27	U	2					< 6.51	U
All Snohomish FB Locations	4					< 15.5	U	6					< 14.5	U
All Snohomish Locations	15	5.16	5.16	5.16	5.43	26.1	E	20	2.94	3.04	5.81	6.12	147	E
Puyallup Watershed														
CBA	2					< 3.91	U	3	5.70	6.31	8.14	14.7	16.8	
CBB	1					< 0.863	U	3	1.54	1.97	3.26	3.84	4.04	E
RB53	2					< 2.36	U	3					< 2.42	U
RB209	2					< 3.14	U	3					< 3.37	U
AG143	2					< 2.49	U	1					< 6.91	U
AG62	2					< 4.34	U	1					< 10.2	U
FB130	2					< 13.7	U	3					< 10.3	U
FB372	2					< 3.51	U	3					< 7.44	U
All Puyallup CB Locations	3					< 2.69	U	6	2.23	4.72	5.29	6.75	13.9	E
All Puyallup RB Locations	4					< 2.82	U	6					< 2.98	U
All Puyallup AG Locations	4					< 3.72	U	2					< 9.01	U
All Puyallup FB Locations	4					< 5.02	U	6					< 7.89	U
All Puyallup Locations	15					< 3.54	U	20	1.60	2.43	3.53	3.53	10.4	E
All Monitoring Locations Combined														
All CB Locations	6	1.52	1.52	1.52	1.52	7.70	E	12	2.69	5.43	6.38	32.3	130	
All RB Locations	8					< 5.06	U	12					< 6.52	U
All AG Locations	8					< 4.13	U	4					< 7.66	U
All FB Locations	8					< 13.5	U	12					< 13.9	U
All Locations	30	3.54	3.54	3.54	3.72	17.9	E	40	2.31	2.42	4.87	5.11	117	E

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-313. Absolute and unit area toxic chemical loading estimates for PCB-157 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 6.09	U	3	18.9	19.5	21.2	39.5	45.6	
CBX	1					< 1.85	U	3					< 15.4	U
RB111	2					< 3.39	U	3					< 7.54	U
RB202	2					< 13.0	U	3					< 12.6	U
AG174	2					< 6.40	U	1					< 5.80	U
AGG	2					< 1.66	U	1					< 6.66	U
FB200	2					< 8.48	U	3					< 8.49	U
FB203	2					< 16.2	U	3					< 14.3	U
All Snohomish CB Locations	3					< 3.94	U	6	3.77	3.89	13.2	21.0	45.1	E
All Snohomish RB Locations	4					< 7.23	U	6					< 9.70	U
All Snohomish AG Locations	4					< 4.27	U	2					< 6.51	U
All Snohomish FB Locations	4					< 15.5	U	6					< 14.5	U
All Snohomish Locations	15					< 11.4	U	20	2.94	3.03	5.81	6.12	35.5	E
Puyallup Watershed														
CBA	2					< 3.91	U	3					< 11.4	U
CBB	1					< 0.863	U	3					< 6.52	U
RB53	2					< 2.36	U	3					< 2.42	U
RB209	2					< 3.14	U	3					< 3.37	U
AG143	2					< 2.49	U	1					< 6.91	U
AG62	2					< 4.34	U	1					< 10.2	U
FB130	2					< 13.7	U	3					< 10.3	U
FB372	2					< 3.51	U	3					< 7.44	U
All Puyallup CB Locations	3					< 2.69	U	6					< 9.45	U
All Puyallup RB Locations	4					< 2.82	U	6					< 2.98	U
All Puyallup AG Locations	4					< 3.72	U	2					< 9.01	U
All Puyallup FB Locations	4					< 5.02	U	6					< 7.89	U
All Puyallup Locations	15					< 3.54	U	20					< 7.40	U
All Monitoring Locations Combined														
All CB Locations	6					< 3.05	U	12	2.61	2.70	5.43	9.37	31.5	E
All RB Locations	8					< 5.06	U	12					< 6.52	U
All AG Locations	8					< 4.13	U	4					< 7.66	U
All FB Locations	8					< 13.5	U	12					< 13.9	U
All Locations	30					< 7.82	U	40	2.31	2.41	4.62	5.11	28.2	E

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-314. Absolute and unit area toxic chemical loading estimates for PCB-158-160 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2	3.04		6.49		9.93	E	3	110	116	134	222	251	
CBX	1					< 1.85	U	3					< 154	U
RB111	2					< 3.39	U	3					< 75.4	U
RB202	2					< 13.0	U	3					< 126	U
AG174	2					< 6.40	U	1					< 5.80	U
AGG	2					< 1.66	U	1					< 6.66	U
FB200	2					< 8.48	U	3					< 84.9	U
FB203	2					< 16.2	U	3					< 143	U
All Snohomish CB Locations	3	1.97	1.97	1.97	5.31	6.43	E	6	3.77	38.9	93.3	132	249	E
All Snohomish RB Locations	4					< 7.23	U	6					< 97.0	U
All Snohomish AG Locations	4					< 4.27	U	2					< 6.51	U
All Snohomish FB Locations	4					< 15.5	U	6					< 145	U
All Snohomish Locations	15	5.16	5.16	5.16	5.43	16.8	E	20	2.94	5.81	30.6	61.2	196	E
Puyallup Watershed														
CBA	2	1.96		2.21		2.47	E	3	5.70	7.12	11.4	21.6	25.0	
CBB	1					< 0.863	U	3	3.26	3.84	5.59	12.9	15.4	E
RB53	2					< 2.36	U	3					< 23.1	U
RB209	2					< 3.14	U	3					< 30.5	U
AG143	2	1.25		1.37		1.50	E	1					< 6.91	U
AG62	2					< 4.34	U	1					< 10.2	U
FB130	2					< 13.7	U	3					< 98.5	U
FB372	2					< 3.51	U	3					< 74.4	U
All Puyallup CB Locations	3	1.35	1.35	1.35	1.61	1.70	E	6	4.72	4.72	8.77	20.7	22.3	E
All Puyallup RB Locations	4					< 2.82	U	6					< 28.4	U
All Puyallup AG Locations	4	1.77	1.77	1.82	1.99	2.13	E	2					< 9.01	U
All Puyallup FB Locations	4					< 5.02	U	6					< 78.9	U
All Puyallup Locations	15	1.60	1.60	1.68	1.68	2.02	E	20	3.53	3.53	11.3	16.6	37.0	E
All Monitoring Locations Combined														
All CB Locations	6	1.52	1.52	1.52	1.92	4.97	E	12	2.63	7.74	25.9	65.2	174	E
All RB Locations	8					< 5.06	U	12					< 62.1	U
All AG Locations	8	1.87	1.87	1.97	2.02	2.36	E	4					< 7.66	U
All FB Locations	8					< 13.5	U	12					< 139	U
All Locations	30	3.54	3.54	3.54	3.72	11.5	E	40	2.34	5.11	23.4	46.2	156	E

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-315. Absolute and unit area toxic chemical loading estimates for PCB-159 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 6.09	U	3					< 189	U
CBX	1					< 1.85	U	3					< 154	U
RB111	2					< 3.39	U	3					< 75.4	U
RB202	2					< 13.0	U	3					< 126	U
AG174	2					< 6.40	U	1					< 5.80	U
AGG	2					< 1.66	U	1					< 6.66	U
FB200	2					< 8.48	U	3					< 84.9	U
FB203	2					< 16.2	U	3					< 143	U
All Snohomish CB Locations	3					< 3.94	U	6					< 187	U
All Snohomish RB Locations	4					< 7.23	U	6					< 97.0	U
All Snohomish AG Locations	4					< 4.27	U	2					< 6.51	U
All Snohomish FB Locations	4					< 15.5	U	6					< 145	U
All Snohomish Locations	15					< 11.4	U	20					< 147	U
Puyallup Watershed														
CBA	2					< 3.91	U	3					< 109	U
CBB	1					< 0.863	U	3					< 30.7	U
RB53	2					< 2.36	U	3					< 23.1	U
RB209	2					< 3.14	U	3					< 30.5	U
AG143	2					< 2.49	U	1					< 6.91	U
AG62	2					< 4.34	U	1					< 10.2	U
FB130	2					< 13.7	U	3					< 98.5	U
FB372	2					< 3.51	U	3					< 74.4	U
All Puyallup CB Locations	3					< 2.69	U	6					< 90.0	U
All Puyallup RB Locations	4					< 2.82	U	6					< 28.4	U
All Puyallup AG Locations	4					< 3.72	U	2					< 9.01	U
All Puyallup FB Locations	4					< 5.02	U	6					< 78.9	U
All Puyallup Locations	15					< 3.54	U	20					< 74.0	U
All Monitoring Locations Combined														
All CB Locations	6					< 3.05	U	12					< 130	U
All RB Locations	8					< 5.06	U	12					< 62.1	U
All AG Locations	8					< 4.13	U	4					< 7.66	U
All FB Locations	8					< 13.5	U	12					< 139	U
All Locations	30					< 7.82	U	40					< 117	U

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-316. Absolute and unit area toxic chemical loading estimates for PCB-161 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 6.09	U	3					< 189	U
CBX	1					< 1.85	U	3					< 154	U
RB111	2					< 3.39	U	3					< 75.4	U
RB202	2					< 13.0	U	3					< 126	U
AG174	2					< 6.40	U	1					< 5.80	U
AGG	2					< 1.66	U	1					< 6.66	U
FB200	2					< 8.48	U	3					< 84.9	U
FB203	2					< 16.2	U	3					< 143	U
All Snohomish CB Locations	3					< 3.94	U	6					< 187	U
All Snohomish RB Locations	4					< 7.23	U	6					< 97.0	U
All Snohomish AG Locations	4					< 4.27	U	2					< 6.51	U
All Snohomish FB Locations	4					< 15.5	U	6					< 145	U
All Snohomish Locations	15					< 11.4	U	20					< 147	U
Puyallup Watershed														
CBA	2					< 3.91	U	3					< 109	U
CBB	1					< 0.863	U	3					< 30.7	U
RB53	2					< 2.36	U	3					< 23.1	U
RB209	2					< 3.14	U	3					< 30.5	U
AG143	2					< 2.49	U	1					< 6.91	U
AG62	2					< 4.34	U	1					< 10.2	U
FB130	2					< 13.7	U	3					< 98.5	U
FB372	2					< 3.51	U	3					< 74.4	U
All Puyallup CB Locations	3					< 2.69	U	6					< 90.0	U
All Puyallup RB Locations	4					< 2.82	U	6					< 28.4	U
All Puyallup AG Locations	4					< 3.72	U	2					< 9.01	U
All Puyallup FB Locations	4					< 5.02	U	6					< 78.9	U
All Puyallup Locations	15					< 3.54	U	20					< 74.0	U
All Monitoring Locations Combined														
All CB Locations	6					< 3.05	U	12					< 130	U
All RB Locations	8					< 5.06	U	12					< 62.1	U
All AG Locations	8					< 4.13	U	4					< 7.66	U
All FB Locations	8					< 13.5	U	12					< 139	U
All Locations	30					< 7.82	U	40					< 117	U

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-317. Absolute and unit area toxic chemical loading estimates for PCB-162 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 6.09	U	3					< 189	U
CBX	1					< 1.85	U	3					< 154	U
RB111	2					< 3.39	U	3					< 75.4	U
RB202	2					< 13.0	U	3					< 126	U
AG174	2					< 6.40	U	1					< 5.80	U
AGG	2					< 1.66	U	1					< 6.66	U
FB200	2					< 8.48	U	3					< 84.9	U
FB203	2					< 16.2	U	3					< 143	U
All Snohomish CB Locations	3					< 3.94	U	6					< 187	U
All Snohomish RB Locations	4					< 7.23	U	6					< 97.0	U
All Snohomish AG Locations	4					< 4.27	U	2					< 6.51	U
All Snohomish FB Locations	4					< 15.5	U	6					< 145	U
All Snohomish Locations	15					< 11.4	U	20					< 147	U
Puyallup Watershed														
CBA	2					< 3.91	U	3					< 109	U
CBB	1					< 0.863	U	3					< 30.7	U
RB53	2					< 2.36	U	3					< 23.1	U
RB209	2					< 3.14	U	3					< 30.5	U
AG143	2					< 2.49	U	1					< 6.91	U
AG62	2					< 4.34	U	1					< 10.2	U
FB130	2					< 13.7	U	3					< 98.5	U
FB372	2					< 3.51	U	3					< 74.4	U
All Puyallup CB Locations	3					< 2.69	U	6					< 90.0	U
All Puyallup RB Locations	4					< 2.82	U	6					< 28.4	U
All Puyallup AG Locations	4					< 3.72	U	2					< 9.01	U
All Puyallup FB Locations	4					< 5.02	U	6					< 78.9	U
All Puyallup Locations	15					< 3.54	U	20					< 74.0	U
All Monitoring Locations Combined														
All CB Locations	6					< 3.05	U	12					< 130	U
All RB Locations	8					< 5.06	U	12					< 62.1	U
All AG Locations	8					< 4.13	U	4					< 7.66	U
All FB Locations	8					< 13.5	U	12					< 139	U
All Locations	30					< 7.82	U	40					< 117	U

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-318. Absolute and unit area toxic chemical loading estimates for PCB-166 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)													
Baseflow							Storm Event						
n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed													
CB335	2				< 6.09	U	3					< 189	U
CBX	1				< 1.85	U	3					< 154	U
RB111	2				< 3.39	U	3					< 75.4	U
RB202	2				< 13.0	U	3					< 126	U
AG174	2				< 6.40	U	1					< 5.80	U
AGG	2				< 1.66	U	1					< 6.66	U
FB200	2				< 8.48	U	3					< 84.9	U
FB203	2				< 16.2	U	3					< 143	U
All Snohomish CB Locations	3				< 3.94	U	6					< 187	U
All Snohomish RB Locations	4				< 7.23	U	6					< 97.0	U
All Snohomish AG Locations	4				< 4.27	U	2					< 6.51	U
All Snohomish FB Locations	4				< 15.5	U	6					< 145	U
All Snohomish Locations	15				< 11.4	U	20					< 147	U
Puyallup Watershed													
CBA	2				< 3.91	U	3					< 109	U
CBB	1				< 0.863	U	3					< 30.7	U
RB53	2				< 2.36	U	3					< 23.1	U
RB209	2				< 3.14	U	3					< 30.5	U
AG143	2				< 2.49	U	1					< 6.91	U
AG62	2				< 4.34	U	1					< 10.2	U
FB130	2				< 13.7	U	3					< 98.5	U
FB372	2				< 3.51	U	3					< 74.4	U
All Puyallup CB Locations	3				< 2.69	U	6					< 90.0	U
All Puyallup RB Locations	4				< 2.82	U	6					< 28.4	U
All Puyallup AG Locations	4				< 3.72	U	2					< 9.01	U
All Puyallup FB Locations	4				< 5.02	U	6					< 78.9	U
All Puyallup Locations	15				< 3.54	U	20					< 74.0	U
All Monitoring Locations Combined													
All CB Locations	6				< 3.05	U	12					< 130	U
All RB Locations	8				< 5.06	U	12					< 62.1	U
All AG Locations	8				< 4.13	U	4					< 7.66	U
All FB Locations	8				< 13.5	U	12					< 139	U
All Locations	30				< 7.82	U	40					< 117	U

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-319. Absolute and unit area toxic chemical loading estimates for PCB-167 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 6.09	U	3	26.7	29.9	39.3	68.8	78.6	
CBX	1					< 1.85	U	3					< 15.4	U
RB111	2					< 3.39	U	3					< 7.54	U
RB202	2					< 13.0	U	3					< 12.6	U
AG174	2					< 6.40	U	1					< 5.80	U
AGG	2					< 1.66	U	1					< 6.66	U
FB200	2					< 8.48	U	3					< 8.49	U
FB203	2					< 16.2	U	3					< 14.3	U
All Snohomish CB Locations	3					< 3.94	U	6	3.77	3.89	17.1	38.9	77.8	E
All Snohomish RB Locations	4					< 7.23	U	6					< 9.70	U
All Snohomish AG Locations	4					< 4.27	U	2					< 6.51	U
All Snohomish FB Locations	4					< 15.5	U	6					< 14.5	U
All Snohomish Locations	15					< 11.4	U	20	2.94	3.03	5.81	6.12	61.2	E
Puyallup Watershed														
CBA	2					< 3.91	U	3	5.43	5.49	5.70	9.16	10.3	E
CBB	1					< 0.863	U	3					< 6.52	U
RB53	2					< 2.36	U	3					< 2.42	U
RB209	2					< 3.14	U	3					< 3.37	U
AG143	2					< 2.49	U	1					< 6.91	U
AG62	2					< 4.34	U	1					< 10.2	U
FB130	2					< 13.7	U	3					< 10.3	U
FB372	2					< 3.51	U	3					< 7.44	U
All Puyallup CB Locations	3					< 2.69	U	6	2.16	2.23	4.61	4.72	8.55	E
All Puyallup RB Locations	4					< 2.82	U	6					< 2.98	U
All Puyallup AG Locations	4					< 3.72	U	2					< 9.01	U
All Puyallup FB Locations	4					< 5.02	U	6					< 7.89	U
All Puyallup Locations	15					< 3.54	U	20	1.60	1.66	3.45	3.53	6.39	E
All Monitoring Locations Combined														
All CB Locations	6					< 3.05	U	12	2.61	2.70	5.57	14.4	54.3	E
All RB Locations	8					< 5.06	U	12					< 6.52	U
All AG Locations	8					< 4.13	U	4					< 7.66	U
All FB Locations	8					< 13.5	U	12					< 13.9	U
All Locations	30					< 7.82	U	40	2.31	2.41	4.74	5.11	48.7	E

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-320. Absolute and unit area toxic chemical loading estimates for PCB-169 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)													
Baseflow							Storm Event						
n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed													
CB335	2				< 6.09	U	3					< 18.9	U
CBX	1				< 1.85	U	3					< 15.4	U
RB111	2				< 3.39	U	3					< 7.54	U
RB202	2				< 13.0	U	3					< 12.6	U
AG174	2				< 6.40	U	1					< 5.80	U
AGG	2				< 1.66	U	1					< 6.66	U
FB200	2				< 8.48	U	3					< 8.49	U
FB203	2				< 16.2	U	3					< 14.3	U
All Snohomish CB Locations	3				< 3.94	U	6					< 18.7	U
All Snohomish RB Locations	4				< 7.23	U	6					< 9.70	U
All Snohomish AG Locations	4				< 4.27	U	2					< 6.51	U
All Snohomish FB Locations	4				< 15.5	U	6					< 14.5	U
All Snohomish Locations	15				< 11.4	U	20					< 14.7	U
Puyallup Watershed													
CBA	2				< 3.91	U	3					< 11.4	U
CBB	1				< 0.863	U	3					< 6.52	U
RB53	2				< 2.36	U	3					< 2.42	U
RB209	2				< 3.14	U	3					< 3.37	U
AG143	2				< 2.49	U	1					< 6.91	U
AG62	2				< 4.34	U	1					< 10.2	U
FB130	2				< 13.7	U	3					< 10.3	U
FB372	2				< 3.51	U	3					< 7.44	U
All Puyallup CB Locations	3				< 2.69	U	6					< 9.45	U
All Puyallup RB Locations	4				< 2.82	U	6					< 2.98	U
All Puyallup AG Locations	4				< 3.72	U	2					< 9.01	U
All Puyallup FB Locations	4				< 5.02	U	6					< 7.89	U
All Puyallup Locations	15				< 3.54	U	20					< 7.40	U
All Monitoring Locations Combined													
All CB Locations	6				< 3.05	U	12					< 13.0	U
All RB Locations	8				< 5.06	U	12					< 6.52	U
All AG Locations	8				< 4.13	U	4					< 7.66	U
All FB Locations	8				< 13.5	U	12					< 13.9	U
All Locations	30				< 7.82	U	40					< 11.7	U

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-321. Absolute and unit area toxic chemical loading estimates for PCB-170-190 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2	3.04		8.73		14.4	E	3	78.6	84.5	102	191	220	
CBX	1					< 1.85	U	3					< 27.7	U
RB111	2					< 3.39	U	3	3.77	3.77	3.77	8.98	10.7	E
RB202	2					< 13.0	U	3					< 12.6	U
AG174	2					< 6.40	U	1					< 5.80	U
AGG	2					< 1.66	U	1					< 6.66	U
FB200	2					< 8.48	U	3					< 8.49	U
FB203	2					< 16.2	U	3					< 14.3	U
All Snohomish CB Locations	3	1.97	1.97	1.97	7.49	9.33	E	6	3.89	7.78	45.9	101	218	E
All Snohomish RB Locations	4					< 7.23	U	6	2.40	2.43	4.61	4.85	13.1	E
All Snohomish AG Locations	4					< 4.27	U	2					< 6.51	U
All Snohomish FB Locations	4					< 15.5	U	6					< 14.5	U
All Snohomish Locations	15	5.16	5.16	5.16	5.43	24.4	E	20	2.94	3.04	5.81	8.72	171	E
Puyallup Watershed														
CBA	2	1.96		4.58		7.21	E	3	14.7	20.8	39.1	70.8	81.4	
CBB	1					< 0.863	U	3	3.26	3.84	5.59	10.0	11.5	
RB53	2					< 2.36	U	3					< 2.42	U
RB209	2					< 3.14	U	3					< 3.37	U
AG143	2	1.25		2.43		3.62	E	1					< 6.91	U
AG62	2					< 4.34	U	1					< 10.2	U
FB130	2					< 13.7	U	3					< 10.3	U
FB372	2					< 3.51	U	3					< 7.44	U
All Puyallup CB Locations	3	1.35	1.35	1.35	4.06	4.96	E	6	4.72	8.10	14.4	32.4	67.5	
All Puyallup RB Locations	4					< 2.82	U	6					< 2.98	U
All Puyallup AG Locations	4	1.77	1.77	1.82	3.50	5.14	E	2					< 9.01	U
All Puyallup FB Locations	4					< 5.02	U	6					< 7.89	U
All Puyallup Locations	15	1.60	1.60	1.68	1.68	5.89	E	20	1.60	3.28	3.53	4.88	50.5	E
All Monitoring Locations Combined														
All CB Locations	6	1.52	1.52	1.52	5.61	7.22	E	12	2.71	7.74	17.4	62.4	152	
All RB Locations	8					< 5.06	U	12	1.49	1.54	2.95	3.18	8.38	E
All AG Locations	8	1.87	1.87	1.97	2.02	5.70	E	4					< 7.66	U
All FB Locations	8					< 13.5	U	12					< 13.9	U
All Locations	30	3.54	3.54	3.54	3.72	16.8	E	40	2.31	2.43	4.87	7.06	136	E

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-322. Absolute and unit area toxic chemical loading estimates for PCB-171 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 6.09	U	3	25.1	26.9	32.2	52.9	59.7	
CBX	1					< 1.85	U	3					< 154	U
RB111	2					< 3.39	U	3					< 75.4	U
RB202	2					< 13.0	U	3					< 126	U
AG174	2					< 6.40	U	1					< 5.80	U
AGG	2					< 1.66	U	1					< 6.66	U
FB200	2					< 8.48	U	3					< 84.9	U
FB203	2					< 16.2	U	3					< 143	U
All Snohomish CB Locations	3					< 3.94	U	6	3.77	24.9	35.4	59.1	77.8	E
All Snohomish RB Locations	4					< 7.23	U	6					< 97.0	U
All Snohomish AG Locations	4					< 4.27	U	2					< 6.51	U
All Snohomish FB Locations	4					< 15.5	U	6					< 145	U
All Snohomish Locations	15					< 11.4	U	20	2.94	5.81	30.3	52.3	61.2	E
Puyallup Watershed														
CBA	2	1.96		1.98		2.00	E	3	5.70	6.58	9.23	17.0	19.5	
CBB	1					< 0.863	U	3					< 30.7	U
RB53	2					< 2.36	U	3					< 23.1	U
RB209	2					< 3.14	U	3					< 30.5	U
AG143	2					< 2.49	U	1					< 6.91	U
AG62	2					< 4.34	U	1					< 10.2	U
FB130	2					< 13.7	U	3					< 98.5	U
FB372	2					< 3.51	U	3					< 74.4	U
All Puyallup CB Locations	3	1.35	1.35	1.35	1.37	1.38	E	6	4.72	4.72	11.9	21.6	22.3	E
All Puyallup RB Locations	4					< 2.82	U	6					< 28.4	U
All Puyallup AG Locations	4					< 3.72	U	2					< 9.01	U
All Puyallup FB Locations	4					< 5.02	U	6					< 78.9	U
All Puyallup Locations	15	1.60	1.60	1.63	1.68	1.77	E	20	3.53	3.53	14.0	16.6	37.0	E
All Monitoring Locations Combined														
All CB Locations	6	1.52	1.52	1.52	1.52	1.56	E	12	2.63	7.47	20.9	27.0	54.3	E
All RB Locations	8					< 5.06	U	12					< 62.1	U
All AG Locations	8					< 4.13	U	4					< 7.66	U
All FB Locations	8					< 13.5	U	12					< 139	U
All Locations	30	3.54	3.54	3.54	3.72	3.91	E	40	2.34	5.11	23.2	31.9	53.5	E

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-323. Absolute and unit area toxic chemical loading estimates for PCB-172-192 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 6.09	U	3	12.6	12.6	12.6	25.5	29.9	
CBX	1					< 1.85	U	3					< 154	U
RB111	2					< 3.39	U	3					< 75.4	U
RB202	2					< 13.0	U	3					< 126	U
AG174	2					< 6.40	U	1					< 5.80	U
AGG	2					< 1.66	U	1					< 6.66	U
FB200	2					< 8.48	U	3					< 84.9	U
FB203	2					< 16.2	U	3					< 143	U
All Snohomish CB Locations	3					< 3.94	U	6	3.77	12.4	21.0	38.9	77.8	E
All Snohomish RB Locations	4					< 7.23	U	6					< 97.0	U
All Snohomish AG Locations	4					< 4.27	U	2					< 6.51	U
All Snohomish FB Locations	4					< 15.5	U	6					< 145	U
All Snohomish Locations	15					< 11.4	U	20	2.94	5.81	26.8	45.9	61.2	E
Puyallup Watershed														
CBA	2					< 3.91	U	3	5.70	6.04	7.06	10.3	11.4	
CBB	1					< 0.863	U	3					< 30.7	U
RB53	2					< 2.36	U	3					< 23.1	U
RB209	2					< 3.14	U	3					< 30.5	U
AG143	2					< 2.49	U	1					< 6.91	U
AG62	2					< 4.34	U	1					< 10.2	U
FB130	2					< 13.7	U	3					< 98.5	U
FB372	2					< 3.51	U	3					< 74.4	U
All Puyallup CB Locations	3					< 2.69	U	6	4.72	4.72	7.65	21.6	22.3	E
All Puyallup RB Locations	4					< 2.82	U	6					< 28.4	U
All Puyallup AG Locations	4					< 3.72	U	2					< 9.01	U
All Puyallup FB Locations	4					< 5.02	U	6					< 78.9	U
All Puyallup Locations	15					< 3.54	U	20	3.53	3.53	11.5	16.6	37.0	E
All Monitoring Locations Combined														
All CB Locations	6					< 3.05	U	12	2.63	6.38	10.0	26.5	54.3	E
All RB Locations	8					< 5.06	U	12					< 62.1	U
All AG Locations	8					< 4.13	U	4					< 7.66	U
All FB Locations	8					< 13.5	U	12					< 139	U
All Locations	30					< 7.82	U	40	2.34	5.11	20.8	25.5	53.5	E

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-324. Absolute and unit area toxic chemical loading estimates for PCB-173 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 6.09	U	3					< 189	U
CBX	1					< 1.85	U	3					< 154	U
RB111	2					< 3.39	U	3					< 75.4	U
RB202	2					< 13.0	U	3					< 126	U
AG174	2					< 6.40	U	1					< 5.80	U
AGG	2					< 1.66	U	1					< 6.66	U
FB200	2					< 8.48	U	3					< 84.9	U
FB203	2					< 16.2	U	3					< 143	U
All Snohomish CB Locations	3					< 3.94	U	6					< 187	U
All Snohomish RB Locations	4					< 7.23	U	6					< 97.0	U
All Snohomish AG Locations	4					< 4.27	U	2					< 6.51	U
All Snohomish FB Locations	4					< 15.5	U	6					< 145	U
All Snohomish Locations	15					< 11.4	U	20					< 147	U
Puyallup Watershed														
CBA	2					< 3.91	U	3					< 109	U
CBB	1					< 0.863	U	3					< 30.7	U
RB53	2					< 2.36	U	3					< 23.1	U
RB209	2					< 3.14	U	3					< 30.5	U
AG143	2					< 2.49	U	1					< 6.91	U
AG62	2					< 4.34	U	1					< 10.2	U
FB130	2					< 13.7	U	3					< 98.5	U
FB372	2					< 3.51	U	3					< 74.4	U
All Puyallup CB Locations	3					< 2.69	U	6					< 90.0	U
All Puyallup RB Locations	4					< 2.82	U	6					< 28.4	U
All Puyallup AG Locations	4					< 3.72	U	2					< 9.01	U
All Puyallup FB Locations	4					< 5.02	U	6					< 78.9	U
All Puyallup Locations	15					< 3.54	U	20					< 74.0	U
All Monitoring Locations Combined														
All CB Locations	6					< 3.05	U	12					< 130	U
All RB Locations	8					< 5.06	U	12					< 62.1	U
All AG Locations	8					< 4.13	U	4					< 7.66	U
All FB Locations	8					< 13.5	U	12					< 139	U
All Locations	30					< 7.82	U	40					< 117	U

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-325. Absolute and unit area toxic chemical loading estimates for PCB-174 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 6.09	U	3	51.9	57.2	73.1	118	134	
CBX	1					< 1.85	U	3	24.6	28.1	38.5	67.4	77.0	E
RB111	2					< 3.39	U	3	3.77	4.22	5.56	29.7	37.7	E
RB202	2					< 13.0	U	3					< 126	U
AG174	2					< 6.40	U	1					< 5.80	U
AGG	2					< 1.66	U	1					< 6.66	U
FB200	2					< 8.48	U	3					< 84.9	U
FB203	2					< 16.2	U	3					< 143	U
All Snohomish CB Locations	3					< 3.94	U	6	24.9	38.9	61.8	77.8	132	
All Snohomish RB Locations	4					< 7.23	U	6	2.40	4.61	15.5	46.1	48.5	E
All Snohomish AG Locations	4					< 4.27	U	2					< 6.51	U
All Snohomish FB Locations	4					< 15.5	U	6					< 145	U
All Snomomish Locations	15					< 11.4	U	20	2.94	6.12	30.5	58.1	104	E
Puyallup Watershed														
CBA	2	1.96		4.27		6.59	E	3	14.7	20.8	39.1	62.7	70.6	
CBB	1					< 0.863	U	3	3.26	3.76	5.28	8.07	9.00	
RB53	2					< 2.36	U	3					< 23.1	U
RB209	2					< 3.14	U	3					< 30.5	U
AG143	2	1.25		1.93		2.62	E	1					< 6.91	U
AG62	2					< 4.34	U	1					< 10.2	U
FB130	2					< 13.7	U	3					< 98.5	U
FB372	2					< 3.51	U	3					< 74.4	U
All Puyallup CB Locations	3	1.35	1.35	1.35	3.74	4.54	E	6	4.72	7.65	12.6	32.4	58.5	
All Puyallup RB Locations	4					< 2.82	U	6					< 28.4	U
All Puyallup AG Locations	4	1.77	1.77	1.82	2.79	3.72	E	2					< 9.01	U
All Puyallup FB Locations	4					< 5.02	U	6					< 78.9	U
All Puyallup Locations	15	1.60	1.60	1.68	1.68	5.39	E	20	3.53	3.53	12.9	28.1	43.7	E
All Monitoring Locations Combined														
All CB Locations	6	1.52	1.52	1.52	1.52	5.13	E	12	5.70	15.2	31.5	52.4	92.3	
All RB Locations	8					< 5.06	U	12	1.54	3.26	14.9	29.5	31.0	E
All AG Locations	8	1.87	1.87	1.97	2.02	4.13	E	4					< 7.66	U
All FB Locations	8					< 13.5	U	12					< 139	U
All Locations	30	3.54	3.54	3.54	3.72	11.9	E	40	2.34	5.11	23.4	46.2	82.7	E

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-326. Absolute and unit area toxic chemical loading estimates for PCB-175 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)													
Baseflow							Storm Event						
n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed													
CB335	2				< 6.09	U	3					< 189	U
CBX	1				< 1.85	U	3					< 154	U
RB111	2				< 3.39	U	3					< 75.4	U
RB202	2				< 13.0	U	3					< 126	U
AG174	2				< 6.40	U	1					< 5.80	U
AGG	2				< 1.66	U	1					< 6.66	U
FB200	2				< 8.48	U	3					< 84.9	U
FB203	2				< 16.2	U	3					< 143	U
All Snohomish CB Locations	3				< 3.94	U	6					< 187	U
All Snohomish RB Locations	4				< 7.23	U	6					< 97.0	U
All Snohomish AG Locations	4				< 4.27	U	2					< 6.51	U
All Snohomish FB Locations	4				< 15.5	U	6					< 145	U
All Snohomish Locations	15				< 11.4	U	20					< 147	U
Puyallup Watershed													
CBA	2				< 3.91	U	3					< 109	U
CBB	1				< 0.863	U	3					< 30.7	U
RB53	2				< 2.36	U	3					< 23.1	U
RB209	2				< 3.14	U	3					< 30.5	U
AG143	2				< 2.49	U	1					< 6.91	U
AG62	2				< 4.34	U	1					< 10.2	U
FB130	2				< 13.7	U	3					< 98.5	U
FB372	2				< 3.51	U	3					< 74.4	U
All Puyallup CB Locations	3				< 2.69	U	6					< 90.0	U
All Puyallup RB Locations	4				< 2.82	U	6					< 28.4	U
All Puyallup AG Locations	4				< 3.72	U	2					< 9.01	U
All Puyallup FB Locations	4				< 5.02	U	6					< 78.9	U
All Puyallup Locations	15				< 3.54	U	20					< 74.0	U
All Monitoring Locations Combined													
All CB Locations	6				< 3.05	U	12					< 130	U
All RB Locations	8				< 5.06	U	12					< 62.1	U
All AG Locations	8				< 4.13	U	4					< 7.66	U
All FB Locations	8				< 13.5	U	12					< 139	U
All Locations	30				< 7.82	U	40					< 117	U

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-327. Absolute and unit area toxic chemical loading estimates for PCB-176 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 6.09	U	3	9.43	11.2	16.5	74.9	94.3	
CBX	1					< 1.85	U	3					< 154	U
RB111	2					< 3.39	U	3					< 75.4	U
RB202	2					< 13.0	U	3					< 126	U
AG174	2					< 6.40	U	1					< 5.80	U
AGG	2					< 1.66	U	1					< 6.66	U
FB200	2					< 8.48	U	3					< 84.9	U
FB203	2					< 16.2	U	3					< 143	U
All Snohomish CB Locations	3					< 3.94	U	6	3.77	9.33	27.6	77.8	93.3	E
All Snohomish RB Locations	4					< 7.23	U	6					< 97.0	U
All Snohomish AG Locations	4					< 4.27	U	2					< 6.51	U
All Snohomish FB Locations	4					< 15.5	U	6					< 145	U
All Snohomish Locations	15					< 11.4	U	20	2.94	5.81	30.3	58.1	73.5	E
Puyallup Watershed														
CBA	2					< 3.91	U	3	5.70	6.45	8.68	42.9	54.3	E
CBB	1					< 0.863	U	3					< 30.7	U
RB53	2					< 2.36	U	3					< 23.1	U
RB209	2					< 3.14	U	3					< 30.5	U
AG143	2					< 2.49	U	1					< 6.91	U
AG62	2					< 4.34	U	1					< 10.2	U
FB130	2					< 13.7	U	3					< 98.5	U
FB372	2					< 3.51	U	3					< 74.4	U
All Puyallup CB Locations	3					< 2.69	U	6	4.72	4.72	14.4	22.3	45.0	E
All Puyallup RB Locations	4					< 2.82	U	6					< 28.4	U
All Puyallup AG Locations	4					< 3.72	U	2					< 9.01	U
All Puyallup FB Locations	4					< 5.02	U	6					< 78.9	U
All Puyallup Locations	15					< 3.54	U	20	3.53	3.53	16.1	24.3	37.0	E
All Monitoring Locations Combined														
All CB Locations	6					< 3.05	U	12	2.63	6.11	18.7	40.7	65.2	E
All RB Locations	8					< 5.06	U	12					< 62.1	U
All AG Locations	8					< 4.13	U	4					< 7.66	U
All FB Locations	8					< 13.5	U	12					< 139	U
All Locations	30					< 7.82	U	40	2.34	5.11	23.4	46.2	58.4	E

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-328. Absolute and unit area toxic chemical loading estimates for PCB-177 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 6.09	U	3	37.7	40.7	49.5	77.2	86.4	
CBX	1					< 1.85	U	3	13.9	20.0	38.5	67.4	77.0	E
RB111	2					< 3.39	U	3	3.77	5.71	11.5	31.2	37.7	E
RB202	2					< 13.0	U	3					< 126	U
AG174	2					< 6.40	U	1					< 5.80	U
AGG	2					< 1.66	U	1					< 6.66	U
FB200	2					< 8.48	U	3					< 84.9	U
FB203	2					< 16.2	U	3					< 143	U
All Snohomish CB Locations	3					< 3.94	U	6	14.0	37.3	43.9	77.8	85.6	
All Snohomish RB Locations	4					< 7.23	U	6	2.40	4.61	19.2	46.1	48.5	E
All Snohomish AG Locations	4					< 4.27	U	2					< 6.51	U
All Snohomish FB Locations	4					< 15.5	U	6					< 145	U
All Snohomish Locations	15					< 11.4	U	20	2.94	6.12	30.3	58.1	67.3	E
Puyallup Watershed														
CBA	2	1.96		3.24		4.53	E	3	5.70	10.1	23.3	42.1	48.3	
CBB	1					< 0.863	U	3	3.26	4.00	6.21	13.1	15.4	E
RB53	2					< 2.36	U	3					< 23.1	U
RB209	2					< 3.14	U	3					< 30.5	U
AG143	2	1.25		1.50		1.75	E	1					< 6.91	U
AG62	2					< 4.34	U	1					< 10.2	U
FB130	2					< 13.7	U	3					< 98.5	U
FB372	2					< 3.51	U	3					< 74.4	U
All Puyallup CB Locations	3	1.35	1.35	1.35	2.68	3.12	E	6	4.72	4.72	14.2	22.3	40.0	E
All Puyallup RB Locations	4					< 2.82	U	6					< 28.4	U
All Puyallup AG Locations	4	1.77	1.77	1.82	2.17	2.48	E	2					< 9.01	U
All Puyallup FB Locations	4					< 5.02	U	6					< 78.9	U
All Puyallup Locations	15	1.60	1.60	1.68	1.68	3.70	E	20	3.53	3.53	15.2	23.3	37.0	E
All Monitoring Locations Combined														
All CB Locations	6	1.52	1.52	1.52	1.52	3.53	E	12	5.70	10.3	26.5	41.3	59.7	
All RB Locations	8					< 5.06	U	12	1.54	3.26	14.9	29.5	31.0	E
All AG Locations	8	1.87	1.87	1.97	2.02	2.75	E	4					< 7.66	U
All FB Locations	8					< 13.5	U	12					< 139	U
All Locations	30	3.54	3.54	3.54	3.72	8.19	E	40	2.34	5.11	23.4	44.8	53.5	E

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-329. Absolute and unit area toxic chemical loading estimates for PCB-178 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 6.09	U	3	10.2	10.6	11.8	19.5	22.0	
CBX	1					< 1.85	U	3					< 154	U
RB111	2					< 3.39	U	3					< 75.4	U
RB202	2					< 13.0	U	3					< 126	U
AG174	2					< 6.40	U	1					< 5.80	U
AGG	2					< 1.66	U	1					< 6.66	U
FB200	2					< 8.48	U	3					< 84.9	U
FB203	2					< 16.2	U	3					< 143	U
All Snohomish CB Locations	3					< 3.94	U	6	3.77	10.1	16.7	38.9	77.8	E
All Snohomish RB Locations	4					< 7.23	U	6					< 97.0	U
All Snohomish AG Locations	4					< 4.27	U	2					< 6.51	U
All Snohomish FB Locations	4					< 15.5	U	6					< 145	U
All Snohomish Locations	15					< 11.4	U	20	2.94	5.81	23.7	45.9	61.2	E
Puyallup Watershed														
CBA	2					< 3.91	U	3	5.70	6.58	9.23	14.1	15.7	
CBB	1					< 0.863	U	3					< 30.7	U
RB53	2					< 2.36	U	3					< 23.1	U
RB209	2					< 3.14	U	3					< 30.5	U
AG143	2					< 2.49	U	1					< 6.91	U
AG62	2					< 4.34	U	1					< 10.2	U
FB130	2					< 13.7	U	3					< 98.5	U
FB372	2					< 3.51	U	3					< 74.4	U
All Puyallup CB Locations	3					< 2.69	U	6	4.72	4.72	10.3	21.6	22.3	E
All Puyallup RB Locations	4					< 2.82	U	6					< 28.4	U
All Puyallup AG Locations	4					< 3.72	U	2					< 9.01	U
All Puyallup FB Locations	4					< 5.02	U	6					< 78.9	U
All Puyallup Locations	15					< 3.54	U	20	3.53	3.53	12.9	16.6	37.0	E
All Monitoring Locations Combined														
All CB Locations	6					< 3.05	U	12	2.63	6.38	12.2	26.5	54.3	E
All RB Locations	8					< 5.06	U	12					< 62.1	U
All AG Locations	8					< 4.13	U	4					< 7.66	U
All FB Locations	8					< 13.5	U	12					< 139	U
All Locations	30					< 7.82	U	40	2.34	5.11	18.6	25.5	53.5	E

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-330. Absolute and unit area toxic chemical loading estimates for PCB-179 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 6.09	U	3	18.1	18.9	21.2	35.4	40.1	
CBX	1					< 1.85	U	3	8.47	16.0	38.5	67.4	77.0	E
RB111	2					< 3.39	U	3	3.77	4.12	5.16	29.6	37.7	E
RB202	2					< 13.0	U	3					< 126	U
AG174	2					< 6.40	U	1					< 5.80	U
AGG	2					< 1.66	U	1					< 6.66	U
FB200	2					< 8.48	U	3					< 84.9	U
FB203	2					< 16.2	U	3					< 143	U
All Snohomish CB Locations	3					< 3.94	U	6	8.56	17.9	29.9	39.7	77.8	
All Snohomish RB Locations	4					< 7.23	U	6	2.40	4.61	15.3	46.1	48.5	E
All Snohomish AG Locations	4					< 4.27	U	2					< 6.51	U
All Snohomish FB Locations	4					< 15.5	U	6					< 145	U
All Snomomish Locations	15					< 11.4	U	20	2.94	6.12	23.4	44.7	61.2	E
Puyallup Watershed														
CBA	2	1.96		2.42		2.88	E	3	5.70	7.80	14.1	25.9	29.9	
CBB	1					< 0.863	U	3	3.26	3.45	4.04	12.5	15.4	E
RB53	2					< 2.36	U	3					< 23.1	U
RB209	2					< 3.14	U	3					< 30.5	U
AG143	2					< 2.49	U	1					< 6.91	U
AG62	2					< 4.34	U	1					< 10.2	U
FB130	2					< 13.7	U	3					< 98.5	U
FB372	2					< 3.51	U	3					< 74.4	U
All Puyallup CB Locations	3	1.35	1.35	1.35	1.83	1.98	E	6	4.72	4.72	8.77	22.3	24.7	E
All Puyallup RB Locations	4					< 2.82	U	6					< 28.4	U
All Puyallup AG Locations	4					< 3.72	U	2					< 9.01	U
All Puyallup FB Locations	4					< 5.02	U	6					< 78.9	U
All Puyallup Locations	15	1.60	1.60	1.68	1.68	2.36	E	20	3.53	3.53	12.4	17.6	37.0	E
All Monitoring Locations Combined														
All CB Locations	6	1.52	1.52	1.52	1.52	2.25	E	12	5.70	6.52	14.4	27.4	54.3	
All RB Locations	8					< 5.06	U	12	1.54	3.26	14.9	29.5	31.0	E
All AG Locations	8					< 4.13	U	4					< 7.66	U
All FB Locations	8					< 13.5	U	12					< 139	U
All Locations	30	3.54	3.54	3.54	3.72	5.21	E	40	2.34	5.11	18.1	25.8	53.5	E

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-331. Absolute and unit area toxic chemical loading estimates for PCB-180 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2	3.04		11.5		19.9	E	3	118	126	149	267	306	
CBX	1					< 1.85	U	3	14.6	15.0	16.2	46.8	57.0	
RB111	2					< 3.39	U	3	3.77	3.77	3.77	24.2	31.0	E
RB202	2					< 13.0	U	3	3.13	3.93	6.32	7.74	8.22	E
AG174	2					< 6.40	U	1					< 5.80	U
AGG	2					< 1.66	U	1					< 6.66	U
FB200	2					< 8.48	U	3					< 8.49	U
FB203	2					< 16.2	U	3					< 14.3	U
All Snohomish CB Locations	3	1.97	1.97	1.97	10.1	12.9	E	6	14.8	16.3	87.1	148	303	
All Snohomish RB Locations	4					< 7.23	U	6	2.40	4.61	4.73	6.31	37.8	E
All Snohomish AG Locations	4					< 4.27	U	2					< 6.51	U
All Snohomish FB Locations	4					< 15.5	U	6					< 14.5	U
All Snohomish Locations	15	5.16	5.16	5.16	5.43	33.7	E	20	2.94	4.42	6.12	29.1	239	E
Puyallup Watershed														
CBA	2	5.97		11.0		16.1		3	37.5	49.8	86.8	168	195	
CBB	1			0.545				3	6.83	7.92	11.2	20.0	23.0	
RB53	2					< 2.36	U	3	1.15	1.17	1.21	2.20	2.54	E
RB209	2					< 3.14	U	3					< 3.37	U
AG143	2	1.25		3.74		6.23	E	1					< 6.91	U
AG62	2					< 4.34	U	1					< 10.2	U
FB130	2					< 13.7	U	3					< 10.3	U
FB372	2					< 3.51	U	3					< 7.44	U
All Puyallup CB Locations	3	1.70	2.30	4.11	9.32	11.1		6	9.90	16.2	32.2	72.0	162	
All Puyallup RB Locations	4					< 2.82	U	6	0.682	1.35	1.46	1.49	3.12	E
All Puyallup AG Locations	4	1.77	1.77	1.82	5.36	8.85	E	2					< 9.01	U
All Puyallup FB Locations	4					< 5.02	U	6					< 7.89	U
All Puyallup Locations	15	1.60	1.62	1.68	1.96	13.1	E	20	1.60	3.36	3.53	9.76	121	E
All Monitoring Locations Combined														
All CB Locations	6	1.52	1.52	3.29	9.95	12.5		12	10.3	15.7	40.2	95.0	212	
All RB Locations	8					< 5.06	U	12	1.49	2.95	3.10	3.65	24.2	E
All AG Locations	8	1.87	1.87	1.97	2.02	9.83	E	4					< 7.66	U
All FB Locations	8					< 13.5	U	12					< 13.9	U
All Locations	30	3.54	3.54	3.72	3.72	29.1	E	40	2.31	4.62	5.11	14.1	190	E

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-332. Absolute and unit area toxic chemical loading estimates for PCB-181 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 6.09	U	3					< 189	U
CBX	1					< 1.85	U	3					< 154	U
RB111	2					< 3.39	U	3					< 75.4	U
RB202	2					< 13.0	U	3					< 126	U
AG174	2					< 6.40	U	1					< 5.80	U
AGG	2					< 1.66	U	1					< 6.66	U
FB200	2					< 8.48	U	3					< 84.9	U
FB203	2					< 16.2	U	3					< 143	U
All Snohomish CB Locations	3					< 3.94	U	6					< 187	U
All Snohomish RB Locations	4					< 7.23	U	6					< 97.0	U
All Snohomish AG Locations	4					< 4.27	U	2					< 6.51	U
All Snohomish FB Locations	4					< 15.5	U	6					< 145	U
All Snohomish Locations	15					< 11.4	U	20					< 147	U
Puyallup Watershed														
CBA	2					< 3.91	U	3					< 109	U
CBB	1					< 0.863	U	3					< 30.7	U
RB53	2					< 2.36	U	3					< 23.1	U
RB209	2					< 3.14	U	3					< 30.5	U
AG143	2					< 2.49	U	1					< 6.91	U
AG62	2					< 4.34	U	1					< 10.2	U
FB130	2					< 13.7	U	3					< 98.5	U
FB372	2					< 3.51	U	3					< 74.4	U
All Puyallup CB Locations	3					< 2.69	U	6					< 90.0	U
All Puyallup RB Locations	4					< 2.82	U	6					< 28.4	U
All Puyallup AG Locations	4					< 3.72	U	2					< 9.01	U
All Puyallup FB Locations	4					< 5.02	U	6					< 78.9	U
All Puyallup Locations	15					< 3.54	U	20					< 74.0	U
All Monitoring Locations Combined														
All CB Locations	6					< 3.05	U	12					< 130	U
All RB Locations	8					< 5.06	U	12					< 62.1	U
All AG Locations	8					< 4.13	U	4					< 7.66	U
All FB Locations	8					< 13.5	U	12					< 139	U
All Locations	30					< 7.82	U	40					< 117	U

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-333. Absolute and unit area toxic chemical loading estimates for PCB-182-187 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 6.09	U	3	25.9	32.2	51.1	69.9	76.2	
CBX	1					< 1.85	U	3	17.7	22.9	38.5	67.4	77.0	E
RB111	2					< 3.39	U	3	3.77	6.11	13.1	31.6	37.7	E
RB202	2					< 13.0	U	3					< 126	U
AG174	2					< 6.40	U	1					< 5.80	U
AGG	2					< 1.66	U	1					< 6.66	U
FB200	2					< 8.48	U	3					< 84.9	U
FB203	2					< 16.2	U	3					< 143	U
All Snohomish CB Locations	3					< 3.94	U	6	17.9	25.7	44.7	75.4	77.8	
All Snohomish RB Locations	4					< 7.23	U	6	2.40	4.61	20.1	46.1	48.5	E
All Snohomish AG Locations	4					< 4.27	U	2					< 6.51	U
All Snohomish FB Locations	4					< 15.5	U	6					< 145	U
All Snohomish Locations	15					< 11.4	U	20	2.94	6.12	30.3	58.1	61.2	E
Puyallup Watershed														
CBA	2	1.96		3.76		5.56	E	3	11.9	16.1	28.8	56.0	65.1	
CBB	1					< 0.863	U	3	3.26	3.53	4.35	7.61	8.69	
RB53	2					< 2.36	U	3					< 23.1	U
RB209	2					< 3.14	U	3					< 30.5	U
AG143	2	1.25		1.50		1.75	E	1					< 6.91	U
AG62	2					< 4.34	U	1					< 10.2	U
FB130	2					< 13.7	U	3					< 98.5	U
FB372	2					< 3.51	U	3					< 74.4	U
All Puyallup CB Locations	3	1.35	1.35	1.35	3.21	3.83	E	6	4.72	6.30	11.2	23.8	54.0	
All Puyallup RB Locations	4					< 2.82	U	6					< 28.4	U
All Puyallup AG Locations	4	1.77	1.77	1.82	2.17	2.48	E	2					< 9.01	U
All Puyallup FB Locations	4					< 5.02	U	6					< 78.9	U
All Puyallup Locations	15	1.60	1.60	1.68	1.68	4.55	E	20	3.53	3.53	12.7	24.9	40.4	E
All Monitoring Locations Combined														
All CB Locations	6	1.52	1.52	1.52	1.52	4.33	E	12	5.70	12.2	22.5	44.0	65.2	
All RB Locations	8					< 5.06	U	12	1.54	3.26	14.9	29.5	31.0	E
All AG Locations	8	1.87	1.87	1.97	2.02	2.75	E	4					< 7.66	U
All FB Locations	8					< 13.5	U	12					< 139	U
All Locations	30	3.54	3.54	3.54	3.72	10.1	E	40	2.34	5.11	23.2	46.2	58.4	E

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-334. Absolute and unit area toxic chemical loading estimates for PCB-183 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 6.09	U	3	34.6	37.5	46.4	70.5	78.6	
CBX	1					< 1.85	U	3	9.24	16.6	38.5	67.4	77.0	E
RB111	2					< 3.39	U	3	3.77	5.80	11.9	31.3	37.7	E
RB202	2					< 13.0	U	3					< 126	U
AG174	2					< 6.40	U	1					< 5.80	U
AGG	2					< 1.66	U	1					< 6.66	U
FB200	2					< 8.48	U	3					< 84.9	U
FB203	2					< 16.2	U	3					< 143	U
All Snohomish CB Locations	3					< 3.94	U	6	9.33	34.2	42.4	77.8	77.8	
All Snohomish RB Locations	4					< 7.23	U	6	2.40	4.61	19.4	46.1	48.5	E
All Snohomish AG Locations	4					< 4.27	U	2					< 6.51	U
All Snohomish FB Locations	4					< 15.5	U	6					< 145	U
All Snohomish Locations	15					< 11.4	U	20	2.94	6.12	30.3	58.1	61.2	E
Puyallup Watershed														
CBA	2	1.96		3.14		4.32	E	3	5.70	9.56	21.2	39.9	46.1	
CBB	1					< 0.863	U	3	3.26	3.30	3.41	4.35	4.66	
RB53	2					< 2.36	U	3					< 23.1	U
RB209	2					< 3.14	U	3					< 30.5	U
AG143	2	1.25		1.43		1.62	E	1					< 6.91	U
AG62	2					< 4.34	U	1					< 10.2	U
FB130	2					< 13.7	U	3					< 98.5	U
FB372	2					< 3.51	U	3					< 74.4	U
All Puyallup CB Locations	3	1.35	1.35	1.35	2.57	2.98	E	6	4.72	4.72	5.85	17.5	38.2	
All Puyallup RB Locations	4					< 2.82	U	6					< 28.4	U
All Puyallup AG Locations	4	1.77	1.77	1.82	2.08	2.30	E	2					< 9.01	U
All Puyallup FB Locations	4					< 5.02	U	6					< 78.9	U
All Puyallup Locations	15	1.60	1.60	1.68	1.68	3.54	E	20	3.53	3.53	9.08	22.5	37.0	E
All Monitoring Locations Combined														
All CB Locations	6	1.52	1.52	1.52	1.52	3.37	E	12	5.70	6.24	22.5	39.1	54.3	
All RB Locations	8					< 5.06	U	12	1.54	3.26	14.9	29.5	31.0	E
All AG Locations	8	1.87	1.87	1.97	2.02	2.56	E	4					< 7.66	U
All FB Locations	8					< 13.5	U	12					< 139	U
All Locations	30	3.54	3.54	3.54	3.72	7.82	E	40	2.34	5.11	22.3	43.8	53.5	E

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-335. Absolute and unit area toxic chemical loading estimates for PCB-184 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 6.09	U	3					< 189	U
CBX	1					< 1.85	U	3					< 154	U
RB111	2					< 3.39	U	3					< 75.4	U
RB202	2					< 13.0	U	3					< 126	U
AG174	2					< 6.40	U	1					< 5.80	U
AGG	2					< 1.66	U	1					< 6.66	U
FB200	2					< 8.48	U	3					< 84.9	U
FB203	2					< 16.2	U	3					< 143	U
All Snohomish CB Locations	3					< 3.94	U	6					< 187	U
All Snohomish RB Locations	4					< 7.23	U	6					< 97.0	U
All Snohomish AG Locations	4					< 4.27	U	2					< 6.51	U
All Snohomish FB Locations	4					< 15.5	U	6					< 145	U
All Snohomish Locations	15					< 11.4	U	20					< 147	U
Puyallup Watershed														
CBA	2					< 3.91	U	3					< 109	U
CBB	1					< 0.863	U	3	3.26	3.30	3.41	12.0	14.9	E
RB53	2					< 2.36	U	3					< 23.1	U
RB209	2					< 3.14	U	3					< 30.5	U
AG143	2					< 2.49	U	1					< 6.91	U
AG62	2					< 4.34	U	1					< 10.2	U
FB130	2					< 13.7	U	3					< 98.5	U
FB372	2					< 3.51	U	3					< 74.4	U
All Puyallup CB Locations	3					< 2.69	U	6	4.72	4.72	13.3	24.7	45.0	E
All Puyallup RB Locations	4					< 2.82	U	6					< 28.4	U
All Puyallup AG Locations	4					< 3.72	U	2					< 9.01	U
All Puyallup FB Locations	4					< 5.02	U	6					< 78.9	U
All Puyallup Locations	15					< 3.54	U	20	3.53	3.53	16.1	25.2	37.0	E
All Monitoring Locations Combined														
All CB Locations	6					< 3.05	U	12	2.63	5.70	26.2	42.1	65.2	E
All RB Locations	8					< 5.06	U	12					< 62.1	U
All AG Locations	8					< 4.13	U	4					< 7.66	U
All FB Locations	8					< 13.5	U	12					< 139	U
All Locations	30					< 7.82	U	40	2.34	5.11	23.4	46.2	58.4	E

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-336. Absolute and unit area toxic chemical loading estimates for PCB-185 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 6.09	U	3					< 189	U
CBX	1					< 1.85	U	3					< 154	U
RB111	2					< 3.39	U	3					< 75.4	U
RB202	2					< 13.0	U	3					< 126	U
AG174	2					< 6.40	U	1					< 5.80	U
AGG	2					< 1.66	U	1					< 6.66	U
FB200	2					< 8.48	U	3					< 84.9	U
FB203	2					< 16.2	U	3					< 143	U
All Snohomish CB Locations	3					< 3.94	U	6					< 187	U
All Snohomish RB Locations	4					< 7.23	U	6					< 97.0	U
All Snohomish AG Locations	4					< 4.27	U	2					< 6.51	U
All Snohomish FB Locations	4					< 15.5	U	6					< 145	U
All Snohomish Locations	15					< 11.4	U	20					< 147	U
Puyallup Watershed														
CBA	2					< 3.91	U	3	5.70	6.85	10.3	43.3	54.3	E
CBB	1					< 0.863	U	3					< 30.7	U
RB53	2					< 2.36	U	3					< 23.1	U
RB209	2					< 3.14	U	3					< 30.5	U
AG143	2					< 2.49	U	1					< 6.91	U
AG62	2					< 4.34	U	1					< 10.2	U
FB130	2					< 13.7	U	3					< 98.5	U
FB372	2					< 3.51	U	3					< 74.4	U
All Puyallup CB Locations	3					< 2.69	U	6	4.72	4.72	15.1	22.3	45.0	E
All Puyallup RB Locations	4					< 2.82	U	6					< 28.4	U
All Puyallup AG Locations	4					< 3.72	U	2					< 9.01	U
All Puyallup FB Locations	4					< 5.02	U	6					< 78.9	U
All Puyallup Locations	15					< 3.54	U	20	3.53	3.53	16.1	24.3	37.0	E
All Monitoring Locations Combined														
All CB Locations	6					< 3.05	U	12	2.63	5.70	26.2	40.7	65.2	E
All RB Locations	8					< 5.06	U	12					< 62.1	U
All AG Locations	8					< 4.13	U	4					< 7.66	U
All FB Locations	8					< 13.5	U	12					< 139	U
All Locations	30					< 7.82	U	40	2.34	5.11	23.4	46.2	58.4	E

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-337. Absolute and unit area toxic chemical loading estimates for PCB-186 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 6.09	U	3					< 189	U
CBX	1					< 1.85	U	3					< 154	U
RB111	2					< 3.39	U	3					< 75.4	U
RB202	2					< 13.0	U	3					< 126	U
AG174	2					< 6.40	U	1					< 5.80	U
AGG	2					< 1.66	U	1					< 6.66	U
FB200	2					< 8.48	U	3					< 84.9	U
FB203	2					< 16.2	U	3					< 143	U
All Snohomish CB Locations	3					< 3.94	U	6					< 187	U
All Snohomish RB Locations	4					< 7.23	U	6					< 97.0	U
All Snohomish AG Locations	4					< 4.27	U	2					< 6.51	U
All Snohomish FB Locations	4					< 15.5	U	6					< 145	U
All Snohomish Locations	15					< 11.4	U	20					< 147	U
Puyallup Watershed														
CBA	2					< 3.91	U	3					< 109	U
CBB	1					< 0.863	U	3					< 30.7	U
RB53	2					< 2.36	U	3					< 23.1	U
RB209	2					< 3.14	U	3					< 30.5	U
AG143	2					< 2.49	U	1					< 6.91	U
AG62	2					< 4.34	U	1					< 10.2	U
FB130	2					< 13.7	U	3					< 98.5	U
FB372	2					< 3.51	U	3					< 74.4	U
All Puyallup CB Locations	3					< 2.69	U	6					< 90.0	U
All Puyallup RB Locations	4					< 2.82	U	6					< 28.4	U
All Puyallup AG Locations	4					< 3.72	U	2					< 9.01	U
All Puyallup FB Locations	4					< 5.02	U	6					< 78.9	U
All Puyallup Locations	15					< 3.54	U	20					< 74.0	U
All Monitoring Locations Combined														
All CB Locations	6					< 3.05	U	12					< 130	U
All RB Locations	8					< 5.06	U	12					< 62.1	U
All AG Locations	8					< 4.13	U	4					< 7.66	U
All FB Locations	8					< 13.5	U	12					< 139	U
All Locations	30					< 7.82	U	40					< 117	U

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-338. Absolute and unit area toxic chemical loading estimates for PCB-188 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)													
Baseflow							Storm Event						
n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed													
CB335	2				< 6.09	U	3					< 189	U
CBX	1				< 1.85	U	3					< 154	U
RB111	2				< 3.39	U	3					< 75.4	U
RB202	2				< 13.0	U	3					< 126	U
AG174	2				< 6.40	U	1					< 5.80	U
AGG	2				< 1.66	U	1					< 6.66	U
FB200	2				< 8.48	U	3					< 84.9	U
FB203	2				< 16.2	U	3					< 143	U
All Snohomish CB Locations	3				< 3.94	U	6					< 187	U
All Snohomish RB Locations	4				< 7.23	U	6					< 97.0	U
All Snohomish AG Locations	4				< 4.27	U	2					< 6.51	U
All Snohomish FB Locations	4				< 15.5	U	6					< 145	U
All Snohomish Locations	15				< 11.4	U	20					< 147	U
Puyallup Watershed													
CBA	2				< 3.91	U	3					< 109	U
CBB	1				< 0.863	U	3					< 30.7	U
RB53	2				< 2.36	U	3					< 23.1	U
RB209	2				< 3.14	U	3					< 30.5	U
AG143	2				< 2.49	U	1					< 6.91	U
AG62	2				< 4.34	U	1					< 10.2	U
FB130	2				< 13.7	U	3					< 98.5	U
FB372	2				< 3.51	U	3					< 74.4	U
All Puyallup CB Locations	3				< 2.69	U	6					< 90.0	U
All Puyallup RB Locations	4				< 2.82	U	6					< 28.4	U
All Puyallup AG Locations	4				< 3.72	U	2					< 9.01	U
All Puyallup FB Locations	4				< 5.02	U	6					< 78.9	U
All Puyallup Locations	15				< 3.54	U	20					< 74.0	U
All Monitoring Locations Combined													
All CB Locations	6				< 3.05	U	12					< 130	U
All RB Locations	8				< 5.06	U	12					< 62.1	U
All AG Locations	8				< 4.13	U	4					< 7.66	U
All FB Locations	8				< 13.5	U	12					< 139	U
All Locations	30				< 7.82	U	40					< 117	U

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-339. Absolute and unit area toxic chemical loading estimates for PCB-189 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)													
Baseflow							Storm Event						
n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed													
CB335	2				< 6.09	U	3	3.81	5.22	9.43	11.8	12.6	E
CBX	1				< 1.85	U	3					< 15.4	U
RB111	2				< 3.39	U	3					< 7.54	U
RB202	2				< 13.0	U	3					< 12.6	U
AG174	2				< 6.40	U	1					< 5.80	U
AGG	2				< 1.66	U	1					< 6.66	U
FB200	2				< 8.48	U	3					< 8.49	U
FB203	2				< 16.2	U	3					< 14.3	U
All Snohomish CB Locations	3				< 3.94	U	6	3.77	3.77	5.83	9.33	12.4	E
All Snohomish RB Locations	4				< 7.23	U	6					< 9.70	U
All Snohomish AG Locations	4				< 4.27	U	2					< 6.51	U
All Snohomish FB Locations	4				< 15.5	U	6					< 14.5	U
All Snohomish Locations	15				< 11.4	U	20	2.94	3.03	4.59	6.12	9.79	E
Puyallup Watershed													
CBA	2				< 3.91	U	3					< 11.4	U
CBB	1				< 0.863	U	3					< 6.52	U
RB53	2				< 2.36	U	3					< 2.42	U
RB209	2				< 3.14	U	3					< 3.37	U
AG143	2				< 2.49	U	1					< 6.91	U
AG62	2				< 4.34	U	1					< 10.2	U
FB130	2				< 13.7	U	3					< 10.3	U
FB372	2				< 3.51	U	3					< 7.44	U
All Puyallup CB Locations	3				< 2.69	U	6					< 9.45	U
All Puyallup RB Locations	4				< 2.82	U	6					< 2.98	U
All Puyallup AG Locations	4				< 3.72	U	2					< 9.01	U
All Puyallup FB Locations	4				< 5.02	U	6					< 7.89	U
All Puyallup Locations	15				< 3.54	U	20					< 7.40	U
All Monitoring Locations Combined													
All CB Locations	6				< 3.05	U	12	2.61	2.66	4.21	5.70	8.69	E
All RB Locations	8				< 5.06	U	12					< 6.52	U
All AG Locations	8				< 4.13	U	4					< 7.66	U
All FB Locations	8				< 13.5	U	12					< 13.9	U
All Locations	30				< 7.82	U	40	2.31	2.41	4.62	5.11	7.79	E

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-340. Absolute and unit area toxic chemical loading estimates for PCB-191 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 6.09	U	3					< 189	U
CBX	1					< 1.85	U	3					< 154	U
RB111	2					< 3.39	U	3					< 75.4	U
RB202	2					< 13.0	U	3					< 126	U
AG174	2					< 6.40	U	1					< 5.80	U
AGG	2					< 1.66	U	1					< 6.66	U
FB200	2					< 8.48	U	3					< 84.9	U
FB203	2					< 16.2	U	3					< 143	U
All Snohomish CB Locations	3					< 3.94	U	6					< 187	U
All Snohomish RB Locations	4					< 7.23	U	6					< 97.0	U
All Snohomish AG Locations	4					< 4.27	U	2					< 6.51	U
All Snohomish FB Locations	4					< 15.5	U	6					< 145	U
All Snohomish Locations	15					< 11.4	U	20					< 147	U
Puyallup Watershed														
CBA	2					< 3.91	U	3					< 109	U
CBB	1					< 0.863	U	3					< 30.7	U
RB53	2					< 2.36	U	3					< 23.1	U
RB209	2					< 3.14	U	3					< 30.5	U
AG143	2					< 2.49	U	1					< 6.91	U
AG62	2					< 4.34	U	1					< 10.2	U
FB130	2					< 13.7	U	3					< 98.5	U
FB372	2					< 3.51	U	3					< 74.4	U
All Puyallup CB Locations	3					< 2.69	U	6					< 90.0	U
All Puyallup RB Locations	4					< 2.82	U	6					< 28.4	U
All Puyallup AG Locations	4					< 3.72	U	2					< 9.01	U
All Puyallup FB Locations	4					< 5.02	U	6					< 78.9	U
All Puyallup Locations	15					< 3.54	U	20					< 74.0	U
All Monitoring Locations Combined														
All CB Locations	6					< 3.05	U	12					< 130	U
All RB Locations	8					< 5.06	U	12					< 62.1	U
All AG Locations	8					< 4.13	U	4					< 7.66	U
All FB Locations	8					< 13.5	U	12					< 139	U
All Locations	30					< 7.82	U	40					< 117	U

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-341. Absolute and unit area toxic chemical loading estimates for PCB-193 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 6.09	U	3	15.7	21.3	38.1	80.3	94.3	E
CBX	1					< 1.85	U	3					< 154	U
RB111	2					< 3.39	U	3					< 75.4	U
RB202	2					< 13.0	U	3					< 126	U
AG174	2					< 6.40	U	1					< 5.80	U
AGG	2					< 1.66	U	1					< 6.66	U
FB200	2					< 8.48	U	3					< 84.9	U
FB203	2					< 16.2	U	3					< 143	U
All Snohomish CB Locations	3					< 3.94	U	6	3.77	15.6	38.3	77.8	93.3	E
All Snohomish RB Locations	4					< 7.23	U	6					< 97.0	U
All Snohomish AG Locations	4					< 4.27	U	2					< 6.51	U
All Snohomish FB Locations	4					< 15.5	U	6					< 145	U
All Snohomish Locations	15					< 11.4	U	20	2.94	5.81	30.3	58.1	73.5	E
Puyallup Watershed														
CBA	2					< 3.91	U	3	5.70	5.76	5.97	8.41	9.23	
CBB	1					< 0.863	U	3					< 30.7	U
RB53	2					< 2.36	U	3					< 23.1	U
RB209	2					< 3.14	U	3					< 30.5	U
AG143	2					< 2.49	U	1					< 6.91	U
AG62	2					< 4.34	U	1					< 10.2	U
FB130	2					< 13.7	U	3					< 98.5	U
FB372	2					< 3.51	U	3					< 74.4	U
All Puyallup CB Locations	3					< 2.69	U	6	4.72	4.72	6.30	21.6	22.3	E
All Puyallup RB Locations	4					< 2.82	U	6					< 28.4	U
All Puyallup AG Locations	4					< 3.72	U	2					< 9.01	U
All Puyallup FB Locations	4					< 5.02	U	6					< 78.9	U
All Puyallup Locations	15					< 3.54	U	20	3.53	3.53	10.8	16.6	37.0	E
All Monitoring Locations Combined														
All CB Locations	6					< 3.05	U	12	2.63	5.84	18.5	27.0	65.2	E
All RB Locations	8					< 5.06	U	12					< 62.1	U
All AG Locations	8					< 4.13	U	4					< 7.66	U
All FB Locations	8					< 13.5	U	12					< 139	U
All Locations	30					< 7.82	U	40	2.34	5.11	23.4	36.5	58.4	E

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-342. Absolute and unit area toxic chemical loading estimates for PCB-194 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 6.09	U	3	9.43	9.82	11.0	23.4	27.5	
CBX	1					< 1.85	U	3	13.1	19.4	38.5	67.4	77.0	E
RB111	2					< 3.39	U	3					< 75.4	U
RB202	2					< 13.0	U	3					< 126	U
AG174	2					< 6.40	U	1					< 5.80	U
AGG	2					< 1.66	U	1					< 6.66	U
FB200	2					< 8.48	U	3					< 84.9	U
FB203	2					< 16.2	U	3					< 143	U
All Snohomish CB Locations	3					< 3.94	U	6	9.33	10.9	20.2	38.9	77.8	
All Snohomish RB Locations	4					< 7.23	U	6					< 97.0	U
All Snohomish AG Locations	4					< 4.27	U	2					< 6.51	U
All Snohomish FB Locations	4					< 15.5	U	6					< 145	U
All Snohomish Locations	15					< 11.4	U	20	2.94	6.12	25.9	45.9	61.2	E
Puyallup Watershed														
CBA	2	1.96		2.52		3.09	E	3	5.70	10.2	23.9	36.1	40.2	
CBB	1					< 0.863	U	3	3.26	3.61	4.66	12.7	15.4	E
RB53	2					< 2.36	U	3					< 23.1	U
RB209	2					< 3.14	U	3					< 30.5	U
AG143	2					< 2.49	U	1					< 6.91	U
AG62	2					< 4.34	U	1					< 10.2	U
FB130	2					< 13.7	U	3					< 98.5	U
FB372	2					< 3.51	U	3					< 74.4	U
All Puyallup CB Locations	3	1.35	1.35	1.35	1.93	2.13	E	6	4.72	4.72	13.3	22.3	33.3	E
All Puyallup RB Locations	4					< 2.82	U	6					< 28.4	U
All Puyallup AG Locations	4					< 3.72	U	2					< 9.01	U
All Puyallup FB Locations	4					< 5.02	U	6					< 78.9	U
All Puyallup Locations	15	1.60	1.60	1.68	1.68	2.53	E	20	3.53	3.53	15.4	20.8	37.0	E
All Monitoring Locations Combined														
All CB Locations	6	1.52	1.52	1.52	1.52	2.41	E	12	5.70	7.06	14.1	27.0	54.3	
All RB Locations	8					< 5.06	U	12					< 62.1	U
All AG Locations	8					< 4.13	U	4					< 7.66	U
All FB Locations	8					< 13.5	U	12					< 139	U
All Locations	30	3.54	3.54	3.54	3.72	5.59	E	40	2.34	5.11	22.3	31.4	53.5	E

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-343. Absolute and unit area toxic chemical loading estimates for PCB-195 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 6.09	U	3	9.43	16.6	38.1	80.3	94.3	E
CBX	1					< 1.85	U	3					< 154	U
RB111	2					< 3.39	U	3					< 75.4	U
RB202	2					< 13.0	U	3					< 126	U
AG174	2					< 6.40	U	1					< 5.80	U
AGG	2					< 1.66	U	1					< 6.66	U
FB200	2					< 8.48	U	3					< 84.9	U
FB203	2					< 16.2	U	3					< 143	U
All Snohomish CB Locations	3					< 3.94	U	6	3.77	9.33	38.3	77.8	93.3	E
All Snohomish RB Locations	4					< 7.23	U	6					< 97.0	U
All Snohomish AG Locations	4					< 4.27	U	2					< 6.51	U
All Snohomish FB Locations	4					< 15.5	U	6					< 145	U
All Snohomish Locations	15					< 11.4	U	20	2.94	5.81	30.3	58.1	73.5	E
Puyallup Watershed														
CBA	2					< 3.91	U	3	5.70	5.91	6.51	9.77	10.9	
CBB	1					< 0.863	U	3					< 30.7	U
RB53	2					< 2.36	U	3					< 23.1	U
RB209	2					< 3.14	U	3					< 30.5	U
AG143	2					< 2.49	U	1					< 6.91	U
AG62	2					< 4.34	U	1					< 10.2	U
FB130	2					< 13.7	U	3					< 98.5	U
FB372	2					< 3.51	U	3					< 74.4	U
All Puyallup CB Locations	3					< 2.69	U	6	4.72	4.72	7.20	21.6	22.3	E
All Puyallup RB Locations	4					< 2.82	U	6					< 28.4	U
All Puyallup AG Locations	4					< 3.72	U	2					< 9.01	U
All Puyallup FB Locations	4					< 5.02	U	6					< 78.9	U
All Puyallup Locations	15					< 3.54	U	20	3.53	3.53	11.4	16.6	37.0	E
All Monitoring Locations Combined														
All CB Locations	6					< 3.05	U	12	2.63	6.11	18.5	27.0	65.2	E
All RB Locations	8					< 5.06	U	12					< 62.1	U
All AG Locations	8					< 4.13	U	4					< 7.66	U
All FB Locations	8					< 13.5	U	12					< 139	U
All Locations	30					< 7.82	U	40	2.34	5.11	23.4	36.5	58.4	E

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-344. Absolute and unit area toxic chemical loading estimates for PCB-196-203 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 6.09	U	3	12.6	13.8	17.3	25.0	27.5	
CBX	1					< 1.85	U	3	13.9	20.0	38.5	67.4	77.0	E
RB111	2					< 3.39	U	3					< 75.4	U
RB202	2					< 13.0	U	3					< 126	U
AG174	2					< 6.40	U	1					< 5.80	U
AGG	2					< 1.66	U	1					< 6.66	U
FB200	2					< 8.48	U	3					< 84.9	U
FB203	2					< 16.2	U	3					< 143	U
All Snohomish CB Locations	3					< 3.94	U	6	12.4	14.0	22.2	38.9	77.8	
All Snohomish RB Locations	4					< 7.23	U	6					< 97.0	U
All Snohomish AG Locations	4					< 4.27	U	2					< 6.51	U
All Snohomish FB Locations	4					< 15.5	U	6					< 145	U
All Snohomish Locations	15					< 11.4	U	20	2.94	6.12	25.9	45.9	61.2	E
Puyallup Watershed														
CBA	2	1.96		2.83		3.71	E	3	5.70	11.3	28.2	46.5	52.6	
CBB	1					< 0.863	U	3	3.26	3.92	5.90	13.0	15.4	E
RB53	2					< 2.36	U	3					< 23.1	U
RB209	2					< 3.14	U	3					< 30.5	U
AG143	2					< 2.49	U	1					< 6.91	U
AG62	2					< 4.34	U	1					< 10.2	U
FB130	2					< 13.7	U	3					< 98.5	U
FB372	2					< 3.51	U	3					< 74.4	U
All Puyallup CB Locations	3	1.35	1.35	1.35	2.25	2.55	E	6	4.72	4.72	15.4	23.4	43.6	E
All Puyallup RB Locations	4					< 2.82	U	6					< 28.4	U
All Puyallup AG Locations	4					< 3.72	U	2					< 9.01	U
All Puyallup FB Locations	4					< 5.02	U	6					< 78.9	U
All Puyallup Locations	15	1.60	1.60	1.68	1.68	3.03	E	20	3.53	3.53	16.1	24.7	37.0	E
All Monitoring Locations Combined														
All CB Locations	6	1.52	1.52	1.52	1.52	2.89	E	12	5.70	9.23	15.5	27.7	54.3	
All RB Locations	8					< 5.06	U	12					< 62.1	U
All AG Locations	8					< 4.13	U	4					< 7.66	U
All FB Locations	8					< 13.5	U	12					< 139	U
All Locations	30	3.54	3.54	3.54	3.72	6.70	E	40	2.34	5.11	23.2	36.5	53.5	E

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-345. Absolute and unit area toxic chemical loading estimates for PCB-197 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)													
Baseflow							Storm Event						
n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed													
CB335	2				< 6.09	U	3					< 189	U
CBX	1				< 1.85	U	3					< 154	U
RB111	2				< 3.39	U	3					< 75.4	U
RB202	2				< 13.0	U	3					< 126	U
AG174	2				< 6.40	U	1					< 5.80	U
AGG	2				< 1.66	U	1					< 6.66	U
FB200	2				< 8.48	U	3					< 84.9	U
FB203	2				< 16.2	U	3					< 143	U
All Snohomish CB Locations	3				< 3.94	U	6					< 187	U
All Snohomish RB Locations	4				< 7.23	U	6					< 97.0	U
All Snohomish AG Locations	4				< 4.27	U	2					< 6.51	U
All Snohomish FB Locations	4				< 15.5	U	6					< 145	U
All Snohomish Locations	15				< 11.4	U	20					< 147	U
Puyallup Watershed													
CBA	2				< 3.91	U	3					< 109	U
CBB	1				< 0.863	U	3					< 30.7	U
RB53	2				< 2.36	U	3					< 23.1	U
RB209	2				< 3.14	U	3					< 30.5	U
AG143	2				< 2.49	U	1					< 6.91	U
AG62	2				< 4.34	U	1					< 10.2	U
FB130	2				< 13.7	U	3					< 98.5	U
FB372	2				< 3.51	U	3					< 74.4	U
All Puyallup CB Locations	3				< 2.69	U	6					< 90.0	U
All Puyallup RB Locations	4				< 2.82	U	6					< 28.4	U
All Puyallup AG Locations	4				< 3.72	U	2					< 9.01	U
All Puyallup FB Locations	4				< 5.02	U	6					< 78.9	U
All Puyallup Locations	15				< 3.54	U	20					< 74.0	U
All Monitoring Locations Combined													
All CB Locations	6				< 3.05	U	12					< 130	U
All RB Locations	8				< 5.06	U	12					< 62.1	U
All AG Locations	8				< 4.13	U	4					< 7.66	U
All FB Locations	8				< 13.5	U	12					< 139	U
All Locations	30				< 7.82	U	40					< 117	U

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-346. Absolute and unit area toxic chemical loading estimates for PCB-198 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 6.09	U	3					< 189	U
CBX	1					< 1.85	U	3					< 154	U
RB111	2					< 3.39	U	3					< 75.4	U
RB202	2					< 13.0	U	3					< 126	U
AG174	2					< 6.40	U	1					< 5.80	U
AGG	2					< 1.66	U	1					< 6.66	U
FB200	2					< 8.48	U	3					< 84.9	U
FB203	2					< 16.2	U	3					< 143	U
All Snohomish CB Locations	3					< 3.94	U	6					< 187	U
All Snohomish RB Locations	4					< 7.23	U	6					< 97.0	U
All Snohomish AG Locations	4					< 4.27	U	2					< 6.51	U
All Snohomish FB Locations	4					< 15.5	U	6					< 145	U
All Snohomish Locations	15					< 11.4	U	20					< 147	U
Puyallup Watershed														
CBA	2					< 3.91	U	3					< 109	U
CBB	1					< 0.863	U	3					< 30.7	U
RB53	2					< 2.36	U	3					< 23.1	U
RB209	2					< 3.14	U	3					< 30.5	U
AG143	2					< 2.49	U	1					< 6.91	U
AG62	2					< 4.34	U	1					< 10.2	U
FB130	2					< 13.7	U	3					< 98.5	U
FB372	2					< 3.51	U	3					< 74.4	U
All Puyallup CB Locations	3					< 2.69	U	6					< 90.0	U
All Puyallup RB Locations	4					< 2.82	U	6					< 28.4	U
All Puyallup AG Locations	4					< 3.72	U	2					< 9.01	U
All Puyallup FB Locations	4					< 5.02	U	6					< 78.9	U
All Puyallup Locations	15					< 3.54	U	20					< 74.0	U
All Monitoring Locations Combined														
All CB Locations	6					< 3.05	U	12					< 130	U
All RB Locations	8					< 5.06	U	12					< 62.1	U
All AG Locations	8					< 4.13	U	4					< 7.66	U
All FB Locations	8					< 13.5	U	12					< 139	U
All Locations	30					< 7.82	U	40					< 117	U

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-347. Absolute and unit area toxic chemical loading estimates for PCB-199 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)													
Baseflow							Storm Event						
n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed													
CB335	2				< 6.09	U	3					< 189	U
CBX	1				< 1.85	U	3					< 154	U
RB111	2				< 3.39	U	3					< 75.4	U
RB202	2				< 13.0	U	3					< 126	U
AG174	2				< 6.40	U	1					< 5.80	U
AGG	2				< 1.66	U	1					< 6.66	U
FB200	2				< 8.48	U	3					< 84.9	U
FB203	2				< 16.2	U	3					< 143	U
All Snohomish CB Locations	3				< 3.94	U	6					< 187	U
All Snohomish RB Locations	4				< 7.23	U	6					< 97.0	U
All Snohomish AG Locations	4				< 4.27	U	2					< 6.51	U
All Snohomish FB Locations	4				< 15.5	U	6					< 145	U
All Snohomish Locations	15				< 11.4	U	20					< 147	U
Puyallup Watershed													
CBA	2				< 3.91	U	3					< 109	U
CBB	1				< 0.863	U	3					< 30.7	U
RB53	2				< 2.36	U	3					< 23.1	U
RB209	2				< 3.14	U	3					< 30.5	U
AG143	2				< 2.49	U	1					< 6.91	U
AG62	2				< 4.34	U	1					< 10.2	U
FB130	2				< 13.7	U	3					< 98.5	U
FB372	2				< 3.51	U	3					< 74.4	U
All Puyallup CB Locations	3				< 2.69	U	6					< 90.0	U
All Puyallup RB Locations	4				< 2.82	U	6					< 28.4	U
All Puyallup AG Locations	4				< 3.72	U	2					< 9.01	U
All Puyallup FB Locations	4				< 5.02	U	6					< 78.9	U
All Puyallup Locations	15				< 3.54	U	20					< 74.0	U
All Monitoring Locations Combined													
All CB Locations	6				< 3.05	U	12					< 130	U
All RB Locations	8				< 5.06	U	12					< 62.1	U
All AG Locations	8				< 4.13	U	4					< 7.66	U
All FB Locations	8				< 13.5	U	12					< 139	U
All Locations	30				< 7.82	U	40					< 117	U

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-348. Absolute and unit area toxic chemical loading estimates for PCB-200 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 6.09	U	3					< 189	U
CBX	1					< 1.85	U	3					< 154	U
RB111	2					< 3.39	U	3					< 75.4	U
RB202	2					< 13.0	U	3					< 126	U
AG174	2					< 6.40	U	1					< 5.80	U
AGG	2					< 1.66	U	1					< 6.66	U
FB200	2					< 8.48	U	3					< 84.9	U
FB203	2					< 16.2	U	3					< 143	U
All Snohomish CB Locations	3					< 3.94	U	6					< 187	U
All Snohomish RB Locations	4					< 7.23	U	6					< 97.0	U
All Snohomish AG Locations	4					< 4.27	U	2					< 6.51	U
All Snohomish FB Locations	4					< 15.5	U	6					< 145	U
All Snohomish Locations	15					< 11.4	U	20					< 147	U
Puyallup Watershed														
CBA	2					< 3.91	U	3					< 109	U
CBB	1					< 0.863	U	3					< 30.7	U
RB53	2					< 2.36	U	3					< 23.1	U
RB209	2					< 3.14	U	3					< 30.5	U
AG143	2					< 2.49	U	1					< 6.91	U
AG62	2					< 4.34	U	1					< 10.2	U
FB130	2					< 13.7	U	3					< 98.5	U
FB372	2					< 3.51	U	3					< 74.4	U
All Puyallup CB Locations	3					< 2.69	U	6					< 90.0	U
All Puyallup RB Locations	4					< 2.82	U	6					< 28.4	U
All Puyallup AG Locations	4					< 3.72	U	2					< 9.01	U
All Puyallup FB Locations	4					< 5.02	U	6					< 78.9	U
All Puyallup Locations	15					< 3.54	U	20					< 74.0	U
All Monitoring Locations Combined														
All CB Locations	6					< 3.05	U	12					< 130	U
All RB Locations	8					< 5.06	U	12					< 62.1	U
All AG Locations	8					< 4.13	U	4					< 7.66	U
All FB Locations	8					< 13.5	U	12					< 139	U
All Locations	30					< 7.82	U	40					< 117	U

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-349. Absolute and unit area toxic chemical loading estimates for PCB-201 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 6.09	U	3	11.8	12.6	14.9	23.8	26.7	
CBX	1					< 1.85	U	3	15.4	21.2	38.5	67.4	77.0	E
RB111	2					< 3.39	U	3					< 75.4	U
RB202	2					< 13.0	U	3					< 126	U
AG174	2					< 6.40	U	1					< 5.80	U
AGG	2					< 1.66	U	1					< 6.66	U
FB200	2					< 8.48	U	3					< 84.9	U
FB203	2					< 16.2	U	3					< 143	U
All Snohomish CB Locations	3					< 3.94	U	6	11.7	14.8	21.0	38.9	77.8	
All Snohomish RB Locations	4					< 7.23	U	6					< 97.0	U
All Snohomish AG Locations	4					< 4.27	U	2					< 6.51	U
All Snohomish FB Locations	4					< 15.5	U	6					< 145	U
All Snohomish Locations	15					< 11.4	U	20	2.94	6.12	25.6	45.9	61.2	E
Puyallup Watershed														
CBA	2	1.96		2.01		2.06	E	3	5.70	11.1	27.1	41.8	46.7	
CBB	1					< 0.863	U	3	3.26	3.69	4.97	12.8	15.4	E
RB53	2					< 2.36	U	3					< 23.1	U
RB209	2					< 3.14	U	3					< 30.5	U
AG143	2					< 2.49	U	1					< 6.91	U
AG62	2					< 4.34	U	1					< 10.2	U
FB130	2					< 13.7	U	3					< 98.5	U
FB372	2					< 3.51	U	3					< 74.4	U
All Puyallup CB Locations	3	1.35	1.35	1.35	1.40	1.42	E	6	4.72	4.72	14.7	22.5	38.7	E
All Puyallup RB Locations	4					< 2.82	U	6					< 28.4	U
All Puyallup AG Locations	4					< 3.72	U	2					< 9.01	U
All Puyallup FB Locations	4					< 5.02	U	6					< 78.9	U
All Puyallup Locations	15	1.60	1.60	1.68	1.68	1.77	E	20	3.53	3.53	16.1	22.9	37.0	E
All Monitoring Locations Combined														
All CB Locations	6	1.52	1.52	1.52	1.52	1.60	E	12	5.70	8.42	14.7	27.1	54.3	
All RB Locations	8					< 5.06	U	12					< 62.1	U
All AG Locations	8					< 4.13	U	4					< 7.66	U
All FB Locations	8					< 13.5	U	12					< 139	U
All Locations	30	3.54	3.54	3.54	3.72	3.91	E	40	2.34	5.11	23.2	34.3	53.5	E

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-350. Absolute and unit area toxic chemical loading estimates for PCB-202 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)													
Baseflow							Storm Event						
n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed													
CB335	2				< 6.09	U	3					< 189	U
CBX	1				< 1.85	U	3					< 154	U
RB111	2				< 3.39	U	3					< 75.4	U
RB202	2				< 13.0	U	3					< 126	U
AG174	2				< 6.40	U	1					< 5.80	U
AGG	2				< 1.66	U	1					< 6.66	U
FB200	2				< 8.48	U	3					< 84.9	U
FB203	2				< 16.2	U	3					< 143	U
All Snohomish CB Locations	3				< 3.94	U	6					< 187	U
All Snohomish RB Locations	4				< 7.23	U	6					< 97.0	U
All Snohomish AG Locations	4				< 4.27	U	2					< 6.51	U
All Snohomish FB Locations	4				< 15.5	U	6					< 145	U
All Snohomish Locations	15				< 11.4	U	20					< 147	U
Puyallup Watershed													
CBA	2				< 3.91	U	3	5.70	6.18	7.60	42.6	54.3	E
CBB	1				< 0.863	U	3					< 30.7	U
RB53	2				< 2.36	U	3					< 23.1	U
RB209	2				< 3.14	U	3					< 30.5	U
AG143	2				< 2.49	U	1					< 6.91	U
AG62	2				< 4.34	U	1					< 10.2	U
FB130	2				< 13.7	U	3					< 98.5	U
FB372	2				< 3.51	U	3					< 74.4	U
All Puyallup CB Locations	3				< 2.69	U	6	4.72	4.72	13.9	22.3	45.0	E
All Puyallup RB Locations	4				< 2.82	U	6					< 28.4	U
All Puyallup AG Locations	4				< 3.72	U	2					< 9.01	U
All Puyallup FB Locations	4				< 5.02	U	6					< 78.9	U
All Puyallup Locations	15				< 3.54	U	20	3.53	3.53	16.1	24.3	37.0	E
All Monitoring Locations Combined													
All CB Locations	6				< 3.05	U	12	2.63	5.70	26.2	40.7	65.2	E
All RB Locations	8				< 5.06	U	12					< 62.1	U
All AG Locations	8				< 4.13	U	4					< 7.66	U
All FB Locations	8				< 13.5	U	12					< 139	U
All Locations	30				< 7.82	U	40	2.34	5.11	23.4	46.2	58.4	E

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-351. Absolute and unit area toxic chemical loading estimates for PCB-204 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 6.09	U	3					< 189	U
CBX	1					< 1.85	U	3					< 154	U
RB111	2					< 3.39	U	3					< 75.4	U
RB202	2					< 13.0	U	3					< 126	U
AG174	2					< 6.40	U	1					< 5.80	U
AGG	2					< 1.66	U	1					< 6.66	U
FB200	2					< 8.48	U	3					< 84.9	U
FB203	2					< 16.2	U	3					< 143	U
All Snohomish CB Locations	3					< 3.94	U	6					< 187	U
All Snohomish RB Locations	4					< 7.23	U	6					< 97.0	U
All Snohomish AG Locations	4					< 4.27	U	2					< 6.51	U
All Snohomish FB Locations	4					< 15.5	U	6					< 145	U
All Snohomish Locations	15					< 11.4	U	20					< 147	U
Puyallup Watershed														
CBA	2					< 3.91	U	3					< 109	U
CBB	1					< 0.863	U	3					< 30.7	U
RB53	2					< 2.36	U	3					< 23.1	U
RB209	2					< 3.14	U	3					< 30.5	U
AG143	2					< 2.49	U	1					< 6.91	U
AG62	2					< 4.34	U	1					< 10.2	U
FB130	2					< 13.7	U	3					< 98.5	U
FB372	2					< 3.51	U	3					< 74.4	U
All Puyallup CB Locations	3					< 2.69	U	6					< 90.0	U
All Puyallup RB Locations	4					< 2.82	U	6					< 28.4	U
All Puyallup AG Locations	4					< 3.72	U	2					< 9.01	U
All Puyallup FB Locations	4					< 5.02	U	6					< 78.9	U
All Puyallup Locations	15					< 3.54	U	20					< 74.0	U
All Monitoring Locations Combined														
All CB Locations	6					< 3.05	U	12					< 130	U
All RB Locations	8					< 5.06	U	12					< 62.1	U
All AG Locations	8					< 4.13	U	4					< 7.66	U
All FB Locations	8					< 13.5	U	12					< 139	U
All Locations	30					< 7.82	U	40					< 117	U

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-352. Absolute and unit area toxic chemical loading estimates for PCB-205 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 6.09	U	3					< 189	U
CBX	1					< 1.85	U	3					< 154	U
RB111	2					< 3.39	U	3					< 75.4	U
RB202	2					< 13.0	U	3					< 126	U
AG174	2					< 6.40	U	1					< 5.80	U
AGG	2					< 1.66	U	1					< 6.66	U
FB200	2					< 8.48	U	3					< 84.9	U
FB203	2					< 16.2	U	3					< 143	U
All Snohomish CB Locations	3					< 3.94	U	6					< 187	U
All Snohomish RB Locations	4					< 7.23	U	6					< 97.0	U
All Snohomish AG Locations	4					< 4.27	U	2					< 6.51	U
All Snohomish FB Locations	4					< 15.5	U	6					< 145	U
All Snohomish Locations	15					< 11.4	U	20					< 147	U
Puyallup Watershed														
CBA	2					< 3.91	U	3					< 109	U
CBB	1					< 0.863	U	3					< 30.7	U
RB53	2					< 2.36	U	3					< 23.1	U
RB209	2					< 3.14	U	3					< 30.5	U
AG143	2					< 2.49	U	1					< 6.91	U
AG62	2					< 4.34	U	1					< 10.2	U
FB130	2					< 13.7	U	3					< 98.5	U
FB372	2					< 3.51	U	3					< 74.4	U
All Puyallup CB Locations	3					< 2.69	U	6					< 90.0	U
All Puyallup RB Locations	4					< 2.82	U	6					< 28.4	U
All Puyallup AG Locations	4					< 3.72	U	2					< 9.01	U
All Puyallup FB Locations	4					< 5.02	U	6					< 78.9	U
All Puyallup Locations	15					< 3.54	U	20					< 74.0	U
All Monitoring Locations Combined														
All CB Locations	6					< 3.05	U	12					< 130	U
All RB Locations	8					< 5.06	U	12					< 62.1	U
All AG Locations	8					< 4.13	U	4					< 7.66	U
All FB Locations	8					< 13.5	U	12					< 139	U
All Locations	30					< 7.82	U	40					< 117	U

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-353. Absolute and unit area toxic chemical loading estimates for PCB-206 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 6.09	U	3	8.64	11.2	18.9	75.4	94.3	
CBX	1					< 1.85	U	3	10.0	17.1	38.5	67.4	77.0	E
RB111	2					< 3.39	U	3					< 75.4	U
RB202	2					< 13.0	U	3					< 126	U
AG174	2					< 6.40	U	1					< 5.80	U
AGG	2					< 1.66	U	1					< 6.66	U
FB200	2					< 8.48	U	3					< 84.9	U
FB203	2					< 16.2	U	3					< 143	U
All Snohomish CB Locations	3					< 3.94	U	6	8.56	10.1	28.8	77.8	93.3	E
All Snohomish RB Locations	4					< 7.23	U	6					< 97.0	U
All Snohomish AG Locations	4					< 4.27	U	2					< 6.51	U
All Snohomish FB Locations	4					< 15.5	U	6					< 145	U
All Snohomish Locations	15					< 11.4	U	20	2.94	6.12	30.3	58.1	73.5	E
Puyallup Watershed														
CBA	2					< 3.91	U	3	5.70	6.99	10.9	17.8	20.1	
CBB	1					< 0.863	U	3					< 30.7	U
RB53	2					< 2.36	U	3					< 23.1	U
RB209	2					< 3.14	U	3					< 30.5	U
AG143	2					< 2.49	U	1					< 6.91	U
AG62	2					< 4.34	U	1					< 10.2	U
FB130	2					< 13.7	U	3					< 98.5	U
FB372	2					< 3.51	U	3					< 74.4	U
All Puyallup CB Locations	3					< 2.69	U	6	4.72	4.72	12.8	21.6	22.3	E
All Puyallup RB Locations	4					< 2.82	U	6					< 28.4	U
All Puyallup AG Locations	4					< 3.72	U	2					< 9.01	U
All Puyallup FB Locations	4					< 5.02	U	6					< 78.9	U
All Puyallup Locations	15					< 3.54	U	20	3.53	3.53	14.2	16.6	37.0	E
All Monitoring Locations Combined														
All CB Locations	6					< 3.05	U	12	5.70	6.52	16.6	27.0	65.2	E
All RB Locations	8					< 5.06	U	12					< 62.1	U
All AG Locations	8					< 4.13	U	4					< 7.66	U
All FB Locations	8					< 13.5	U	12					< 139	U
All Locations	30					< 7.82	U	40	2.34	5.11	23.2	36.5	58.4	E

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-354. Absolute and unit area toxic chemical loading estimates for PCB-207 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 6.09	U	3					< 189	U
CBX	1					< 1.85	U	3					< 154	U
RB111	2					< 3.39	U	3					< 75.4	U
RB202	2					< 13.0	U	3					< 126	U
AG174	2					< 6.40	U	1					< 5.80	U
AGG	2					< 1.66	U	1					< 6.66	U
FB200	2					< 8.48	U	3					< 84.9	U
FB203	2					< 16.2	U	3					< 143	U
All Snohomish CB Locations	3					< 3.94	U	6					< 187	U
All Snohomish RB Locations	4					< 7.23	U	6					< 97.0	U
All Snohomish AG Locations	4					< 4.27	U	2					< 6.51	U
All Snohomish FB Locations	4					< 15.5	U	6					< 145	U
All Snohomish Locations	15					< 11.4	U	20					< 147	U
Puyallup Watershed														
CBA	2					< 3.91	U	3					< 109	U
CBB	1					< 0.863	U	3					< 30.7	U
RB53	2					< 2.36	U	3					< 23.1	U
RB209	2					< 3.14	U	3					< 30.5	U
AG143	2					< 2.49	U	1					< 6.91	U
AG62	2					< 4.34	U	1					< 10.2	U
FB130	2					< 13.7	U	3					< 98.5	U
FB372	2					< 3.51	U	3					< 74.4	U
All Puyallup CB Locations	3					< 2.69	U	6					< 90.0	U
All Puyallup RB Locations	4					< 2.82	U	6					< 28.4	U
All Puyallup AG Locations	4					< 3.72	U	2					< 9.01	U
All Puyallup FB Locations	4					< 5.02	U	6					< 78.9	U
All Puyallup Locations	15					< 3.54	U	20					< 74.0	U
All Monitoring Locations Combined														
All CB Locations	6					< 3.05	U	12					< 130	U
All RB Locations	8					< 5.06	U	12					< 62.1	U
All AG Locations	8					< 4.13	U	4					< 7.66	U
All FB Locations	8					< 13.5	U	12					< 139	U
All Locations	30					< 7.82	U	40					< 117	U

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-355. Absolute and unit area toxic chemical loading estimates for PCB-208 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 6.09	U	3					< 189	U
CBX	1					< 1.85	U	3					< 154	U
RB111	2					< 3.39	U	3					< 75.4	U
RB202	2					< 13.0	U	3					< 126	U
AG174	2					< 6.40	U	1					< 5.80	U
AGG	2					< 1.66	U	1					< 6.66	U
FB200	2					< 8.48	U	3					< 84.9	U
FB203	2					< 16.2	U	3					< 143	U
All Snohomish CB Locations	3					< 3.94	U	6					< 187	U
All Snohomish RB Locations	4					< 7.23	U	6					< 97.0	U
All Snohomish AG Locations	4					< 4.27	U	2					< 6.51	U
All Snohomish FB Locations	4					< 15.5	U	6					< 145	U
All Snohomish Locations	15					< 11.4	U	20					< 147	U
Puyallup Watershed														
CBA	2					< 3.91	U	3					< 109	U
CBB	1					< 0.863	U	3					< 30.7	U
RB53	2					< 2.36	U	3					< 23.1	U
RB209	2					< 3.14	U	3					< 30.5	U
AG143	2					< 2.49	U	1					< 6.91	U
AG62	2					< 4.34	U	1					< 10.2	U
FB130	2					< 13.7	U	3					< 98.5	U
FB372	2					< 3.51	U	3					< 74.4	U
All Puyallup CB Locations	3					< 2.69	U	6					< 90.0	U
All Puyallup RB Locations	4					< 2.82	U	6					< 28.4	U
All Puyallup AG Locations	4					< 3.72	U	2					< 9.01	U
All Puyallup FB Locations	4					< 5.02	U	6					< 78.9	U
All Puyallup Locations	15					< 3.54	U	20					< 74.0	U
All Monitoring Locations Combined														
All CB Locations	6					< 3.05	U	12					< 130	U
All RB Locations	8					< 5.06	U	12					< 62.1	U
All AG Locations	8					< 4.13	U	4					< 7.66	U
All FB Locations	8					< 13.5	U	12					< 139	U
All Locations	30					< 7.82	U	40					< 117	U

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-356. Absolute and unit area toxic chemical loading estimates for PCB-209 for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (mg/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 6.09	U	3	12.6	19.0	38.1	80.3	94.3	E
CBX	1					< 1.85	U	3					< 154	U
RB111	2					< 3.39	U	3					< 75.4	U
RB202	2					< 13.0	U	3					< 126	U
AG174	2					< 6.40	U	1					< 5.80	U
AGG	2					< 1.66	U	1					< 6.66	U
FB200	2					< 8.48	U	3					< 84.9	U
FB203	2					< 16.2	U	3					< 143	U
All Snohomish CB Locations	3					< 3.94	U	6	3.77	12.4	38.3	77.8	93.3	E
All Snohomish RB Locations	4					< 7.23	U	6					< 97.0	U
All Snohomish AG Locations	4					< 4.27	U	2					< 6.51	U
All Snohomish FB Locations	4					< 15.5	U	6					< 145	U
All Snohomish Locations	15					< 11.4	U	20	2.94	5.81	30.3	58.1	73.5	E
Puyallup Watershed														
CBA	2					< 3.91	U	3	5.70	5.91	6.51	7.73	8.14	
CBB	1					< 0.863	U	3					< 30.7	U
RB53	2					< 2.36	U	3					< 23.1	U
RB209	2					< 3.14	U	3					< 30.5	U
AG143	2					< 2.49	U	1					< 6.91	U
AG62	2					< 4.34	U	1					< 10.2	U
FB130	2					< 13.7	U	3					< 98.5	U
FB372	2					< 3.51	U	3					< 74.4	U
All Puyallup CB Locations	3					< 2.69	U	6	4.72	4.72	6.07	21.6	22.3	E
All Puyallup RB Locations	4					< 2.82	U	6					< 28.4	U
All Puyallup AG Locations	4					< 3.72	U	2					< 9.01	U
All Puyallup FB Locations	4					< 5.02	U	6					< 78.9	U
All Puyallup Locations	15					< 3.54	U	20	3.53	3.53	10.5	16.6	37.0	E
All Monitoring Locations Combined														
All CB Locations	6					< 3.05	U	12	2.63	6.11	17.4	27.0	65.2	E
All RB Locations	8					< 5.06	U	12					< 62.1	U
All AG Locations	8					< 4.13	U	4					< 7.66	U
All FB Locations	8					< 13.5	U	12					< 139	U
All Locations	30					< 7.82	U	40	2.34	5.11	23.4	36.5	58.4	E

mg/year = milligrams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-357. Absolute and unit area toxic chemical loading estimates for total PAHs for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 6.41	U	6	9.82	70.9	166	193	281	
CBX	1					< 1.85	U	6	90.8	117	125	160	307	
RB111	2					< 3.23	U	6	1.96	2.18	3.77	3.93	6.75	E
RB202	2					< 13.0	U	6	2.91	6.13	6.32	6.32	20.2	E
AG174	2					< 6.40	U	6	1.37	2.21	2.62	2.68	5.75	E
AGG	2					< 1.75	U	6	1.72	2.45	3.42	3.50	3.85	E
FB200	2					< 8.92	U	6	2.08	4.12	4.24	5.09	7.22	E
FB203	2					< 17.1	U	6	4.90	6.04	7.36	7.55	11.3	E
All Snohomish CB Locations	3					< 4.15	U	12	9.72	105	140	185	311	
All Snohomish RB Locations	4					< 6.89	U	12	2.23	3.64	4.75	4.85	15.5	E
All Snohomish AG Locations	4					< 4.27	U	12	1.52	2.33	2.95	3.10	6.45	E
All Snohomish FB Locations	4					< 16.3	U	12	3.54	6.33	7.23	7.95	12.3	E
All Snomomish Locations	15					< 10.9	U	48	2.82	5.81	6.12	16.1	244	E
Puyallup Watershed														
CBA	2	3.27		4.03		4.80		6	19.7	20.3	94.5	126	204	
CBB	1					< 0.908	U	6	8.01	33.0	53.6	140	178	
RB53	2					< 2.36	U	6	0.559	0.559	0.841	1.15	1.96	E
RB209	2					< 3.14	U	6	0.778	1.12	1.67	9.94	13.3	
AG143	2					< 2.37	U	6	1.61	1.61	1.63	3.29	8.65	E
AG62	2					< 3.93	U	6	2.36	2.36	2.65	4.86	6.80	E
FB130	2					< 13.7	U	6	2.41	2.41	2.70	4.93	4.93	E
FB372	2					< 3.70	U	6	1.64	1.66	1.69	3.38	4.06	E
All Puyallup CB Locations	3	1.42	1.63	2.25	3.04	3.30		12	11.6	32.3	78.3	137	258	
All Puyallup RB Locations	4					< 2.82	U	12	0.689	0.693	1.40	1.97	11.8	E
All Puyallup AG Locations	4					< 3.36	U	12	2.08	2.10	2.12	4.29	11.3	E
All Puyallup FB Locations	4					< 5.02	U	12	1.74	1.76	1.79	3.58	4.30	E
All Puyallup Locations	15	0.825	0.842	1.60	1.68	3.92	E	48	1.63	1.65	3.36	12.4	193	E
All Monitoring Locations Combined														
All CB Locations	6	0.786	1.52	1.60	2.55	3.74	E	24	6.79	60.8	95.3	129	311	
All RB Locations	8					< 4.82	U	24	1.43	1.62	3.04	3.23	25.8	E
All AG Locations	8					< 3.93	U	24	1.77	1.80	3.19	3.65	9.60	E
All FB Locations	8					< 13.5	U	24	3.07	3.14	6.07	6.32	10.7	E
All Locations	30	1.83	1.84	3.54	3.72	8.68	E	96	2.24	2.80	4.87	16.6	279	E

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-358. Absolute and unit area toxic chemical loading estimates for acenaphthene for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 3.14	U	6					< 9.43	U
CBX	1					< 0.946	U	6					< 7.62	U
RB111	2					< 1.78	U	6					< 3.97	U
RB202	2					< 6.43	U	6					< 6.32	U
AG174	2					< 3.17	U	6					< 2.73	U
AGG	2					< 0.867	U	6					< 3.47	U
FB200	2					< 4.42	U	6					< 4.24	U
FB203	2					< 8.37	U	6					< 7.55	U
All Snohomish CB Locations	3					< 2.03	U	12					< 9.33	U
All Snohomish RB Locations	4					< 3.79	U	12					< 4.85	U
All Snohomish AG Locations	4					< 2.11	U	12					< 3.07	U
All Snohomish FB Locations	4					< 8.08	U	12					< 7.23	U
All Snohomish Locations	15					< 5.97	U	48					< 7.35	U
Puyallup Watershed														
CBA	2	0.906		0.957		1.01	E	6					< 5.43	U
CBB	1					< 0.445	U	6					< 3.10	U
RB53	2					< 1.16	U	6					< 1.15	U
RB209	2					< 1.73	U	6					< 1.60	U
AG143	2					< 1.25	U	6					< 3.29	U
AG62	2					< 2.07	U	6					< 4.86	U
FB130	2					< 6.79	U	6					< 4.93	U
FB372	2					< 1.83	U	6					< 3.38	U
All Puyallup CB Locations	3	0.624	0.642	0.695	0.695	0.695	E	12					< 4.50	U
All Puyallup RB Locations	4					< 1.55	U	12					< 1.42	U
All Puyallup AG Locations	4					< 1.77	U	12					< 4.29	U
All Puyallup FB Locations	4					< 2.48	U	12					< 3.58	U
All Puyallup Locations	15	0.741	0.825	0.825	0.833	0.926	E	48					< 3.36	U
All Monitoring Locations Combined														
All CB Locations	6	0.706	0.778	0.786	0.786	0.786	E	24					< 6.52	U
All RB Locations	8					< 2.65	U	24					< 3.10	U
All AG Locations	8					< 1.97	U	24					< 3.65	U
All FB Locations	8					< 6.68	U	24					< 6.32	U
All Locations	30	1.64	1.83	1.83	1.84	2.05	E	96					< 5.84	U

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-359. Absolute and unit area toxic chemical loading estimates for acenaphthylene for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 3.14	U	6					< 9.43	U
CBX	1					< 0.946	U	6					< 7.62	U
RB111	2					< 1.78	U	6					< 3.97	U
RB202	2					< 6.43	U	6					< 6.32	U
AG174	2					< 3.17	U	6					< 2.73	U
AGG	2					< 0.867	U	6					< 3.47	U
FB200	2					< 4.42	U	6					< 4.24	U
FB203	2					< 8.37	U	6					< 7.55	U
All Snohomish CB Locations	3					< 2.03	U	12					< 9.33	U
All Snohomish RB Locations	4					< 3.79	U	12					< 4.85	U
All Snohomish AG Locations	4					< 2.11	U	12					< 3.07	U
All Snohomish FB Locations	4					< 8.08	U	12					< 7.23	U
All Snohomish Locations	15					< 5.97	U	48					< 7.35	U
Puyallup Watershed														
CBA	2					< 2.02	U	6					< 5.43	U
CBB	1					< 0.445	U	5					< 3.10	U
RB53	2					< 1.16	U	5					< 1.15	U
RB209	2					< 1.73	U	5					< 1.60	U
AG143	2					< 1.25	U	5					< 3.26	U
AG62	2					< 2.07	U	5					< 4.81	U
FB130	2					< 6.79	U	5					< 4.88	U
FB372	2					< 1.83	U	5					< 3.38	U
All Puyallup CB Locations	3					< 1.39	U	11					< 4.50	U
All Puyallup RB Locations	4					< 1.55	U	10					< 1.42	U
All Puyallup AG Locations	4					< 1.77	U	10					< 4.25	U
All Puyallup FB Locations	4					< 2.48	U	10					< 3.58	U
All Puyallup Locations	15					< 1.85	U	41					< 3.36	U
All Monitoring Locations Combined														
All CB Locations	6					< 1.57	U	23					< 6.52	U
All RB Locations	8					< 2.65	U	22					< 3.10	U
All AG Locations	8					< 1.97	U	22					< 3.61	U
All FB Locations	8					< 6.68	U	22					< 6.32	U
All Locations	30					< 4.10	U	89					< 5.84	U

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-360. Absolute and unit area toxic chemical loading estimates for anthracene for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 3.14	U	6					< 9.43	U
CBX	1					< 0.946	U	6					< 7.62	U
RB111	2					< 1.78	U	6					< 3.97	U
RB202	2					< 6.43	U	6					< 6.32	U
AG174	2					< 3.17	U	6					< 2.73	U
AGG	2					< 0.867	U	6					< 3.47	U
FB200	2					< 4.42	U	6					< 4.24	U
FB203	2					< 8.37	U	6					< 7.55	U
All Snohomish CB Locations	3					< 2.03	U	12					< 9.33	U
All Snohomish RB Locations	4					< 3.79	U	12					< 4.85	U
All Snohomish AG Locations	4					< 2.11	U	12					< 3.07	U
All Snohomish FB Locations	4					< 8.08	U	12					< 7.23	U
All Snohomish Locations	15					< 5.97	U	48					< 7.35	U
Puyallup Watershed														
CBA	2					< 2.02	U	6	2.66	2.66	2.69	9.23	9.77	E
CBB	1					< 0.445	U	6	1.52	1.54	1.54	4.97	5.90	E
RB53	2					< 1.16	U	6	0.559	0.559	0.568	0.576	1.12	E
RB209	2					< 1.73	U	6	0.778	0.786	0.790	0.802	2.40	E
AG143	2					< 1.25	U	6	1.61	1.61	1.63	1.63	4.93	E
AG62	2					< 2.07	U	6					< 4.86	U
FB130	2					< 6.79	U	6					< 4.93	U
FB372	2					< 1.83	U	6					< 3.38	U
All Puyallup CB Locations	3					< 1.39	U	12	2.20	2.22	2.23	7.42	8.55	E
All Puyallup RB Locations	4					< 1.55	U	12	0.689	0.689	0.700	0.710	2.13	E
All Puyallup AG Locations	4					< 1.77	U	12	2.08	2.10	2.12	2.12	6.44	E
All Puyallup FB Locations	4					< 2.48	U	12					< 3.58	U
All Puyallup Locations	15					< 1.85	U	48	1.63	1.65	1.67	1.68	6.39	E
All Monitoring Locations Combined														
All CB Locations	6					< 1.57	U	24	2.63	2.66	2.69	2.71	10.3	E
All RB Locations	8					< 2.65	U	24	1.50	1.50	1.53	1.55	4.65	E
All AG Locations	8					< 1.97	U	24	1.77	1.78	1.79	1.81	5.47	E
All FB Locations	8					< 6.68	U	24					< 6.32	U
All Locations	30					< 4.10	U	96	2.36	2.38	2.41	2.41	9.25	E

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-361. Absolute and unit area toxic chemical loading estimates for benzo(a)anthracene for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 3.14	U	6	4.72	5.50	9.04	15.7	16.5	
CBX	1					< 0.946	U	6	5.85	7.55	8.85	10.8	13.9	
RB111	2					< 1.78	U	6					< 3.97	U
RB202	2					< 6.43	U	6	1.64	3.07	3.12	3.13	3.16	E
AG174	2					< 3.17	U	6	1.34	1.34	1.35	1.37	2.71	E
AGG	2					< 0.867	U	6					< 3.47	U
FB200	2					< 4.42	U	6					< 4.24	U
FB203	2					< 8.37	U	6					< 7.55	U
All Snohomish CB Locations	3					< 2.03	U	12	4.67	6.77	8.94	12.4	16.3	
All Snohomish RB Locations	4					< 3.79	U	12	1.26	2.35	2.39	2.40	2.43	E
All Snohomish AG Locations	4					< 2.11	U	12	1.50	1.50	1.53	1.54	3.04	E
All Snohomish FB Locations	4					< 8.08	U	12					< 7.23	U
All Snohomish Locations	15					< 5.97	U	48	1.59	3.00	3.03	3.98	12.9	E
Puyallup Watershed														
CBA	2					< 2.02	U	6	2.66	2.69	6.51	9.23	10.3	
CBB	1					< 0.445	U	6	1.54	3.73	4.66	8.07	8.38	
RB53	2					< 1.16	U	6					< 1.15	U
RB209	2					< 1.73	U	6	0.561	0.778	0.786	0.794	0.802	E
AG143	2					< 1.25	U	6					< 3.29	U
AG62	2					< 2.07	U	6					< 4.86	U
FB130	2					< 6.79	U	6					< 4.93	U
FB372	2					< 1.83	U	6					< 3.38	U
All Puyallup CB Locations	3					< 1.39	U	12	2.20	3.59	6.30	8.10	12.1	
All Puyallup RB Locations	4					< 1.55	U	12	0.497	0.689	0.693	0.706	0.710	E
All Puyallup AG Locations	4					< 1.77	U	12					< 4.29	U
All Puyallup FB Locations	4					< 2.48	U	12					< 3.58	U
All Puyallup Locations	15					< 1.85	U	48	1.18	1.65	1.67	1.68	9.08	E
All Monitoring Locations Combined														
All CB Locations	6					< 1.57	U	24	2.66	4.72	6.52	9.50	14.7	
All RB Locations	8					< 2.65	U	24	0.807	1.50	1.52	1.54	1.55	E
All AG Locations	8					< 1.97	U	24	1.77	1.78	1.80	1.81	3.58	E
All FB Locations	8					< 6.68	U	24					< 6.32	U
All Locations	30					< 4.10	U	96	1.27	2.38	2.41	2.43	13.1	E

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-362. Absolute and unit area toxic chemical loading estimates for benzo(a)pyrene for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 3.14	U	6	2.67	7.47	9.04	9.82	19.6	
CBX	1					< 0.946	U	6	2.69	3.77	6.31	10.0	19.2	
RB111	2					< 1.78	U	6					< 7.94	U
RB202	2					< 6.43	U	6	3.10	3.13	3.44	6.00	6.32	E
AG174	2					< 3.17	U	6					< 5.25	U
AGG	2					< 0.867	U	6					< 7.01	U
FB200	2					< 4.42	U	6					< 8.49	U
FB203	2					< 8.37	U	6					< 15.1	U
All Snohomish CB Locations	3					< 2.03	U	12	2.64	4.39	8.17	9.92	19.4	
All Snohomish RB Locations	4					< 3.79	U	12	2.35	2.39	2.43	4.61	4.85	E
All Snohomish AG Locations	4					< 2.11	U	12					< 6.20	U
All Snohomish FB Locations	4					< 8.08	U	12					< 14.5	U
All Snomomish Locations	15					< 5.97	U	48	2.08	3.00	3.06	5.97	15.3	E
Puyallup Watershed														
CBA	2					< 2.02	U	6	2.66	4.34	6.24	8.14	11.9	
CBB	1					< 0.445	U	6	2.17	2.82	3.41	9.62	9.93	
RB53	2					< 1.16	U	6					< 2.31	U
RB209	2					< 1.73	U	6	0.778	0.786	0.922	1.38	1.60	E
AG143	2					< 1.25	U	6					< 6.58	U
AG62	2					< 2.07	U	6					< 9.71	U
FB130	2					< 6.79	U	6					< 9.85	U
FB372	2					< 1.83	U	6					< 6.76	U
All Puyallup CB Locations	3					< 1.39	U	12	2.20	3.85	4.95	8.32	14.4	
All Puyallup RB Locations	4					< 1.55	U	12	0.689	0.689	0.703	1.07	1.42	E
All Puyallup AG Locations	4					< 1.77	U	12					< 8.58	U
All Puyallup FB Locations	4					< 2.48	U	12					< 7.17	U
All Puyallup Locations	15					< 1.85	U	48	1.63	1.65	1.68	3.36	10.8	E
All Monitoring Locations Combined														
All CB Locations	6					< 1.57	U	24	1.85	4.07	5.70	7.60	17.4	
All RB Locations	8					< 2.65	U	24	1.50	1.51	1.55	2.81	3.10	E
All AG Locations	8					< 1.97	U	24					< 7.30	U
All FB Locations	8					< 6.68	U	24					< 12.6	U
All Locations	30					< 4.10	U	96	1.65	2.38	2.43	4.87	15.6	E

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-363. Absolute and unit area toxic chemical loading estimates for benzo(b)fluoranthene for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 3.14	U	6	4.72	8.64	15.7	19.6	29.1	
CBX	1					< 0.946	U	6	9.24	14.6	18.5	20.0	42.3	
RB111	2					< 1.78	U	6					< 3.97	U
RB202	2					< 6.43	U	6	2.02	3.07	3.12	3.13	3.16	E
AG174	2					< 3.17	U	6					< 2.73	U
AGG	2					< 0.867	U	6					< 3.47	U
FB200	2					< 4.42	U	6					< 4.24	U
FB203	2					< 8.37	U	6					< 7.55	U
All Snohomish CB Locations	3					< 2.03	U	12	4.67	11.3	17.9	19.8	42.8	
All Snohomish RB Locations	4					< 3.79	U	12	1.55	2.35	2.39	2.40	2.43	E
All Snohomish AG Locations	4					< 2.11	U	12					< 3.07	U
All Snohomish FB Locations	4					< 8.08	U	12					< 7.23	U
All Snomomish Locations	15					< 5.97	U	48	1.96	3.00	3.03	3.37	33.7	E
Puyallup Watershed														
CBA	2					< 2.02	U	6	3.26	5.21	13.8	19.0	22.8	
CBB	1					< 0.445	U	6	1.54	1.55	8.07	18.0	20.2	
RB53	2					< 1.16	U	6					< 1.15	U
RB209	2					< 1.73	U	6	0.657	0.778	0.959	1.22	1.28	
AG143	2					< 1.25	U	6					< 3.29	U
AG62	2					< 2.07	U	6					< 4.86	U
FB130	2					< 6.79	U	6					< 4.93	U
FB372	2					< 1.83	U	6					< 3.38	U
All Puyallup CB Locations	3					< 1.39	U	12	2.23	3.51	11.7	17.3	29.2	
All Puyallup RB Locations	4					< 1.55	U	12	0.582	0.689	0.696	0.852	1.14	E
All Puyallup AG Locations	4					< 1.77	U	12					< 4.29	U
All Puyallup FB Locations	4					< 2.48	U	12					< 3.58	U
All Puyallup Locations	15					< 1.85	U	48	1.38	1.65	1.67	2.19	21.9	E
All Monitoring Locations Combined														
All CB Locations	6					< 1.57	U	24	2.69	6.24	12.5	18.2	35.3	
All RB Locations	8					< 2.65	U	24	0.993	1.50	1.53	1.55	2.48	E
All AG Locations	8					< 1.97	U	24					< 3.65	U
All FB Locations	8					< 6.68	U	24					< 6.32	U
All Locations	30					< 4.10	U	96	1.56	2.38	2.41	2.92	31.6	E

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-364. Absolute and unit area toxic chemical loading estimates for benzo(ghi)perylene for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 3.14	U	6	3.81	4.72	11.8	25.9	34.6	
CBX	1					< 0.946	U	6	9.24	10.8	13.1	26.9	30.0	
RB111	2					< 1.78	U	6					< 3.97	U
RB202	2					< 6.43	U	6	1.52	3.07	3.12	3.13	3.16	E
AG174	2					< 3.17	U	6					< 2.73	U
AGG	2					< 0.867	U	6					< 3.47	U
FB200	2					< 4.42	U	6					< 4.24	U
FB203	2					< 8.37	U	6					< 7.55	U
All Snohomish CB Locations	3					< 2.03	U	12	3.77	10.1	12.4	26.4	34.2	
All Snohomish RB Locations	4					< 3.79	U	12	1.16	2.35	2.39	2.40	2.43	E
All Snohomish AG Locations	4					< 2.11	U	12					< 3.07	U
All Snohomish FB Locations	4					< 8.08	U	12					< 7.23	U
All Snomomish Locations	15					< 5.97	U	48	1.47	3.00	3.03	3.06	26.9	E
Puyallup Watershed														
CBA	2					< 2.02	U	6	2.66	2.69	7.87	11.4	14.7	
CBB	1					< 0.445	U	6	1.54	3.73	7.29	10.9	15.8	
RB53	2					< 1.16	U	6					< 1.15	U
RB209	2					< 1.73	U	6	0.497	0.778	0.790	0.802	0.946	E
AG143	2					< 1.25	U	6					< 3.29	U
AG62	2					< 2.07	U	6					< 4.86	U
FB130	2					< 6.79	U	6					< 4.93	U
FB372	2					< 1.83	U	6					< 3.38	U
All Puyallup CB Locations	3					< 1.39	U	12	2.20	3.36	8.55	12.4	22.9	
All Puyallup RB Locations	4					< 1.55	U	12	0.440	0.689	0.693	0.710	0.838	E
All Puyallup AG Locations	4					< 1.77	U	12					< 4.29	U
All Puyallup FB Locations	4					< 2.48	U	12					< 3.58	U
All Puyallup Locations	15					< 1.85	U	48	1.04	1.65	1.67	1.68	17.2	E
All Monitoring Locations Combined														
All CB Locations	6					< 1.57	U	24	2.63	5.97	9.23	16.6	27.7	
All RB Locations	8					< 2.65	U	24	0.745	1.50	1.52	1.54	1.83	E
All AG Locations	8					< 1.97	U	24					< 3.65	U
All FB Locations	8					< 6.68	U	24					< 6.32	U
All Locations	30					< 4.10	U	96	1.17	2.38	2.41	2.43	24.8	E

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-365. Absolute and unit area toxic chemical loading estimates for benzo(k)fluoranthene for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 3.14	U	6	3.81	3.93	6.09	10.2	10.2	E
CBX	1					< 0.946	U	6	3.81	6.24	8.97	11.5	12.3	
RB111	2					< 1.78	U	6					< 3.97	U
RB202	2					< 6.43	U	6	0.758	3.07	3.12	3.13	3.16	E
AG174	2					< 3.17	U	6					< 2.73	U
AGG	2					< 0.867	U	6					< 3.47	U
FB200	2					< 4.42	U	6					< 4.24	U
FB203	2					< 8.37	U	6					< 7.55	U
All Snohomish CB Locations	3					< 2.03	U	12	3.77	4.28	7.31	10.5	12.4	
All Snohomish RB Locations	4					< 3.79	U	12	0.582	2.35	2.39	2.40	2.43	E
All Snohomish AG Locations	4					< 2.11	U	12					< 3.07	U
All Snohomish FB Locations	4					< 8.08	U	12					< 7.23	U
All Snomomish Locations	15					< 5.97	U	48	0.735	3.00	3.03	3.06	9.79	E
Puyallup Watershed														
CBA	2					< 2.02	U	6	2.66	2.69	3.46	7.60	9.23	E
CBB	1					< 0.445	U	6	1.52	1.54	1.54	5.59	6.52	E
RB53	2					< 1.16	U	6					< 1.15	U
RB209	2					< 1.73	U	6	0.273	0.778	0.786	0.794	0.802	E
AG143	2					< 1.25	U	6					< 3.29	U
AG62	2					< 2.07	U	6					< 4.86	U
FB130	2					< 6.79	U	6					< 4.93	U
FB372	2					< 1.83	U	6					< 3.38	U
All Puyallup CB Locations	3					< 1.39	U	12	2.20	2.23	2.24	6.97	9.45	E
All Puyallup RB Locations	4					< 1.55	U	12	0.241	0.689	0.693	0.706	0.710	E
All Puyallup AG Locations	4					< 1.77	U	12					< 4.29	U
All Puyallup FB Locations	4					< 2.48	U	12					< 3.58	U
All Puyallup Locations	15					< 1.85	U	48	0.572	1.65	1.67	1.68	7.07	E
All Monitoring Locations Combined														
All CB Locations	6					< 1.57	U	24	2.63	2.69	4.32	7.60	11.4	
All RB Locations	8					< 2.65	U	24	0.372	1.50	1.52	1.54	1.55	E
All AG Locations	8					< 1.97	U	24					< 3.65	U
All FB Locations	8					< 6.68	U	24					< 6.32	U
All Locations	30					< 4.10	U	96	0.584	2.38	2.41	2.43	10.2	E

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-366. Absolute and unit area toxic chemical loading estimates for chrysene for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 3.14	U	6	4.72	8.64	17.7	20.4	30.6	
CBX	1					< 0.946	U	6	7.47	12.3	15.0	16.9	35.4	
RB111	2					< 1.78	U	6					< 3.97	U
RB202	2					< 6.43	U	6	2.15	3.07	3.12	3.13	3.16	E
AG174	2					< 3.17	U	6					< 2.73	U
AGG	2					< 0.867	U	6					< 3.47	U
FB200	2					< 4.42	U	6					< 4.24	U
FB203	2					< 8.37	U	6					< 7.55	U
All Snohomish CB Locations	3					< 2.03	U	12	4.67	10.5	15.6	19.8	35.8	
All Snohomish RB Locations	4					< 3.79	U	12	1.65	2.35	2.39	2.40	2.43	E
All Snohomish AG Locations	4					< 2.11	U	12					< 3.07	U
All Snohomish FB Locations	4					< 8.08	U	12					< 7.23	U
All Snomomish Locations	15					< 5.97	U	48	2.08	3.00	3.03	3.37	28.2	E
Puyallup Watershed														
CBA	2					< 2.02	U	6	2.66	2.69	10.0	15.2	20.6	
CBB	1					< 0.445	U	6	1.54	2.51	7.29	14.6	18.3	
RB53	2					< 1.16	U	6					< 1.15	U
RB209	2					< 1.73	U	6	0.657	0.778	0.790	0.802	1.28	E
AG143	2					< 1.25	U	6					< 3.29	U
AG62	2					< 2.07	U	6					< 4.86	U
FB130	2					< 6.79	U	6					< 4.93	U
FB372	2					< 1.83	U	6					< 3.38	U
All Puyallup CB Locations	3					< 1.39	U	12	2.20	2.94	8.32	15.3	26.5	
All Puyallup RB Locations	4					< 1.55	U	12	0.582	0.689	0.693	0.710	1.14	E
All Puyallup AG Locations	4					< 1.77	U	12					< 4.29	U
All Puyallup FB Locations	4					< 2.48	U	12					< 3.58	U
All Puyallup Locations	15					< 1.85	U	48	1.38	1.65	1.67	1.68	19.8	E
All Monitoring Locations Combined														
All CB Locations	6					< 1.57	U	24	2.66	5.62	10.9	15.7	32.0	
All RB Locations	8					< 2.65	U	24	1.05	1.50	1.52	1.54	2.48	E
All AG Locations	8					< 1.97	U	24					< 3.65	U
All FB Locations	8					< 6.68	U	24					< 6.32	U
All Locations	30					< 4.10	U	96	1.65	2.38	2.41	2.43	28.7	E

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-367. Absolute and unit area toxic chemical loading estimates for dibenzo(a,h)anthracene for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 3.14	U	6	3.81	3.85	4.31	6.29	8.25	E
CBX	1					< 0.946	U	6	3.77	3.77	3.81	6.39	7.70	E
RB111	2					< 1.78	U	6					< 7.54	U
RB202	2					< 6.43	U	6					< 12.6	U
AG174	2					< 3.17	U	6					< 5.25	U
AGG	2					< 0.867	U	6					< 7.01	U
FB200	2					< 4.42	U	6					< 8.49	U
FB203	2					< 8.37	U	6					< 15.1	U
All Snohomish CB Locations	3					< 2.03	U	12	3.77	3.81	3.85	6.34	8.17	E
All Snohomish RB Locations	4					< 3.79	U	12					< 9.70	U
All Snohomish AG Locations	4					< 2.11	U	12					< 6.20	U
All Snohomish FB Locations	4					< 8.08	U	12					< 14.5	U
All Snohomish Locations	15					< 5.97	U	48	2.97	3.00	3.03	3.06	6.43	E
Puyallup Watershed														
CBA	2					< 2.02	U	6	2.66	2.66	2.69	2.93	4.07	E
CBB	1					< 0.445	U	6	1.52	1.54	1.54	2.64	2.79	E
RB53	2					< 1.16	U	6					< 1.15	U
RB209	2					< 1.73	U	6					< 1.60	U
AG143	2					< 1.25	U	6					< 3.29	U
AG62	2					< 2.07	U	6					< 4.86	U
FB130	2					< 6.79	U	6					< 4.93	U
FB372	2					< 1.83	U	6					< 3.38	U
All Puyallup CB Locations	3					< 1.39	U	12	2.20	2.22	2.23	2.90	4.05	E
All Puyallup RB Locations	4					< 1.55	U	12					< 1.42	U
All Puyallup AG Locations	4					< 1.77	U	12					< 4.29	U
All Puyallup FB Locations	4					< 2.48	U	12					< 3.58	U
All Puyallup Locations	15					< 1.85	U	48	1.63	1.65	1.67	1.68	3.03	E
All Monitoring Locations Combined														
All CB Locations	6					< 1.57	U	24	2.63	2.66	2.69	4.21	5.70	E
All RB Locations	8					< 2.65	U	24					< 6.21	U
All AG Locations	8					< 1.97	U	24					< 7.30	U
All FB Locations	8					< 6.68	U	24					< 12.6	U
All Locations	30					< 4.10	U	96	2.36	2.38	2.41	2.43	5.11	E

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-368. Absolute and unit area toxic chemical loading estimates for fluoranthene for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 3.14	U	6	4.72	20.4	26.7	33.8	44.8	
CBX	1					< 0.946	U	6	9.24	23.9	26.2	34.6	47.7	
RB111	2					< 1.78	U	6					< 3.97	U
RB202	2					< 6.43	U	6	2.91	2.91	3.08	3.13	3.16	E
AG174	2					< 3.17	U	6					< 2.73	U
AGG	2					< 0.867	U	6					< 3.47	U
FB200	2					< 4.42	U	6					< 4.24	U
FB203	2					< 8.37	U	6					< 7.55	U
All Snohomish CB Locations	3					< 2.03	U	12	4.67	21.4	26.4	34.2	48.2	
All Snohomish RB Locations	4					< 3.79	U	12	2.23	2.35	2.38	2.40	2.43	E
All Snohomish AG Locations	4					< 2.11	U	12					< 3.07	U
All Snohomish FB Locations	4					< 8.08	U	12					< 7.23	U
All Snomomish Locations	15					< 5.97	U	48	2.82	3.00	3.03	3.37	37.9	E
Puyallup Watershed														
CBA	2	1.11		1.17		1.24		6	5.97	6.51	12.9	23.9	28.8	
CBB	1					< 0.445	U	6	2.98	3.57	8.69	20.5	24.2	
RB53	2					< 1.16	U	6					< 1.15	U
RB209	2					< 1.73	U	6	0.778	0.786	0.797	0.962	1.60	E
AG143	2					< 1.25	U	6	0.724	1.61	1.62	1.63	1.63	E
AG62	2					< 2.07	U	6					< 4.86	U
FB130	2					< 6.79	U	6					< 4.93	U
FB372	2					< 1.83	U	6					< 3.38	U
All Puyallup CB Locations	3	0.695	0.713	0.766	0.829	0.851		12	4.32	5.29	10.7	21.8	35.1	
All Puyallup RB Locations	4					< 1.55	U	12	0.689	0.689	0.700	0.710	1.42	E
All Puyallup AG Locations	4					< 1.77	U	12	0.944	2.09	2.10	2.12	2.15	E
All Puyallup FB Locations	4					< 2.48	U	12					< 3.58	U
All Puyallup Locations	15	0.816	0.825	0.825	0.842	1.01	E	48	0.740	1.65	1.67	3.30	26.2	E
All Monitoring Locations Combined														
All CB Locations	6	0.778	0.786	0.786	0.866	0.962	E	24	3.26	7.33	16.8	24.2	42.4	
All RB Locations	8					< 2.65	U	24	1.43	1.50	1.52	1.55	3.10	E
All AG Locations	8					< 1.97	U	24	0.803	1.77	1.79	1.81	1.82	E
All FB Locations	8					< 6.68	U	24					< 6.32	U
All Locations	30	1.81	1.83	1.83	1.84	2.23	E	96	1.07	2.38	2.41	3.80	38.0	E

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-369. Absolute and unit area toxic chemical loading estimates for fluorene for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 3.14	U	6	3.81	3.89	4.31	6.52	7.86	E
CBX	1					< 0.946	U	6					< 7.62	U
RB111	2					< 1.78	U	6					< 3.97	U
RB202	2					< 6.43	U	6					< 6.32	U
AG174	2					< 3.17	U	6					< 2.73	U
AGG	2					< 0.867	U	6					< 3.47	U
FB200	2					< 4.42	U	6					< 4.24	U
FB203	2					< 8.37	U	6					< 7.55	U
All Snohomish CB Locations	3					< 2.03	U	12	3.77	3.81	3.85	4.26	7.78	E
All Snohomish RB Locations	4					< 3.79	U	12					< 4.85	U
All Snohomish AG Locations	4					< 2.11	U	12					< 3.07	U
All Snohomish FB Locations	4					< 8.08	U	12					< 7.23	U
All Snohomish Locations	15					< 5.97	U	48	2.97	2.99	3.00	3.03	6.12	E
Puyallup Watershed														
CBA	2					< 2.02	U	6					< 5.43	U
CBB	1					< 0.445	U	6	1.51	1.52	1.54	1.55	2.58	E
RB53	2					< 1.16	U	6					< 1.15	U
RB209	2					< 1.73	U	6					< 1.60	U
AG143	2					< 1.25	U	6					< 3.29	U
AG62	2					< 2.07	U	6					< 4.86	U
FB130	2					< 6.79	U	6					< 4.93	U
FB372	2					< 1.83	U	6					< 3.38	U
All Puyallup CB Locations	3					< 1.39	U	12	2.18	2.20	2.23	2.24	3.73	E
All Puyallup RB Locations	4					< 1.55	U	12					< 1.42	U
All Puyallup AG Locations	4					< 1.77	U	12					< 4.29	U
All Puyallup FB Locations	4					< 2.48	U	12					< 3.58	U
All Puyallup Locations	15					< 1.85	U	48	1.63	1.65	1.67	1.67	2.79	E
All Monitoring Locations Combined														
All CB Locations	6					< 1.57	U	24	2.63	2.66	2.69	2.70	5.43	E
All RB Locations	8					< 2.65	U	24					< 3.10	U
All AG Locations	8					< 1.97	U	24					< 3.65	U
All FB Locations	8					< 6.68	U	24					< 6.32	U
All Locations	30					< 4.10	U	96	2.36	2.38	2.40	2.41	4.87	E

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-370. Absolute and unit area toxic chemical loading estimates for indeno(1,2,3-cd)pyrene for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 3.14	U	6	3.81	4.72	8.25	14.1	23.6	E
CBX	1					< 0.946	U	6	7.24	8.47	9.43	11.5	37.7	
RB111	2					< 1.78	U	6					< 7.54	U
RB202	2					< 6.43	U	6	1.77	3.07	3.13	3.16	6.32	E
AG174	2					< 3.17	U	6					< 5.25	U
AGG	2					< 0.867	U	6					< 7.01	U
FB200	2					< 4.42	U	6					< 8.49	U
FB203	2					< 8.37	U	6					< 15.1	U
All Snohomish CB Locations	3					< 2.03	U	12	3.77	7.54	8.94	12.8	38.1	
All Snohomish RB Locations	4					< 3.79	U	12	1.36	2.37	2.40	2.43	4.85	E
All Snohomish AG Locations	4					< 2.11	U	12					< 6.20	U
All Snohomish FB Locations	4					< 8.08	U	12					< 14.5	U
All Snohomish Locations	15					< 5.97	U	48	1.71	3.00	3.03	6.12	30.0	E
Puyallup Watershed														
CBA	2					< 2.02	U	6	2.66	2.69	8.41	10.9	17.9	
CBB	1					< 0.445	U	6	1.54	4.35	6.98	14.6	17.1	
RB53	2					< 1.16	U	6					< 1.15	U
RB209	2					< 1.73	U	6	0.481	0.778	0.790	0.802	0.914	E
AG143	2					< 1.25	U	6					< 3.29	U
AG62	2					< 2.07	U	6					< 4.86	U
FB130	2					< 6.79	U	6					< 4.93	U
FB372	2					< 1.83	U	6					< 3.38	U
All Puyallup CB Locations	3					< 1.39	U	12	2.20	4.27	8.32	13.0	24.7	
All Puyallup RB Locations	4					< 1.55	U	12	0.426	0.689	0.693	0.710	0.809	E
All Puyallup AG Locations	4					< 1.77	U	12					< 4.29	U
All Puyallup FB Locations	4					< 2.48	U	12					< 3.58	U
All Puyallup Locations	15					< 1.85	U	48	1.01	1.65	1.67	1.68	18.5	E
All Monitoring Locations Combined														
All CB Locations	6					< 1.57	U	24	2.63	5.27	7.60	12.2	29.9	
All RB Locations	8					< 2.65	U	24	0.869	1.50	1.54	1.55	3.10	E
All AG Locations	8					< 1.97	U	24					< 7.30	U
All FB Locations	8					< 6.68	U	24					< 12.6	U
All Locations	30					< 4.10	U	96	1.36	2.38	2.41	4.60	26.8	E

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-371. Absolute and unit area toxic chemical loading estimates for naphthalene for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 3.14	U	6	3.81	3.89	3.91	4.72	48.7	E
CBX	1					< 0.946	U	6					< 15.4	U
RB111	2					< 1.78	U	6	1.93	1.93	2.07	3.93	6.75	E
RB202	2					< 6.43	U	6	3.07	3.10	3.30	6.13	6.32	E
AG174	2					< 3.17	U	6	1.34	1.34	1.79	2.68	3.04	E
AGG	2					< 0.867	U	6	1.70	1.72	2.01	2.45	3.85	E
FB200	2					< 4.42	U	6	2.08	2.08	3.10	5.09	7.22	E
FB203	2					< 8.37	U	6	3.66	3.70	4.34	6.04	11.3	E
All Snohomish CB Locations	3					< 2.03	U	12	3.77	3.83	3.85	4.47	48.2	E
All Snohomish RB Locations	4					< 3.79	U	12	2.35	2.37	2.53	4.75	8.25	E
All Snohomish AG Locations	4					< 2.11	U	12	1.50	1.51	1.78	2.75	3.41	E
All Snohomish FB Locations	4					< 8.08	U	12	3.51	3.54	4.16	7.85	12.3	E
All Snomomish Locations	15					< 5.97	U	48	2.97	3.00	3.04	5.94	37.9	E
Puyallup Watershed														
CBA	2					< 2.26	U	6	2.66	2.69	2.99	4.88	14.1	E
CBB	1					< 0.445	U	6	1.52	1.54	1.54	1.71	8.07	E
RB53	2					< 1.16	U	6	0.559	0.559	0.571	0.692	1.96	E
RB209	2					< 1.73	U	6	0.778	0.786	0.797	1.28	4.81	E
AG143	2					< 1.25	U	6	1.61	1.61	1.63	1.63	2.99	E
AG62	2					< 2.07	U	6	2.36	2.36	2.39	2.91	6.80	E
FB130	2					< 6.79	U	6	2.41	2.41	2.44	2.96	4.93	E
FB372	2					< 1.83	U	6	1.64	1.66	1.68	1.69	4.06	E
All Puyallup CB Locations	3					< 1.56	U	12	2.20	2.23	2.25	3.37	11.7	E
All Puyallup RB Locations	4					< 1.55	U	12	0.689	0.693	0.706	0.994	4.26	E
All Puyallup AG Locations	4					< 1.77	U	12	2.08	2.10	2.12	2.35	6.01	E
All Puyallup FB Locations	4					< 2.48	U	12	1.74	1.76	1.77	1.97	4.30	E
All Puyallup Locations	15					< 1.85	U	48	1.63	1.65	1.67	2.02	10.1	E
All Monitoring Locations Combined														
All CB Locations	6					< 1.76	U	24	2.63	2.69	2.70	3.26	33.7	E
All RB Locations	8					< 2.65	U	24	1.50	1.51	1.54	2.75	9.31	E
All AG Locations	8					< 1.97	U	24	1.77	1.79	1.81	2.74	5.11	E
All FB Locations	8					< 6.68	U	24	3.07	3.10	3.14	5.59	10.7	E
All Locations	30					< 4.10	U	96	2.36	2.38	2.41	3.89	30.2	E

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-372. Absolute and unit area toxic chemical loading estimates for phenanthrene for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 3.14	U	6	4.72	6.44	10.6	11.0	19.6	
CBX	1					< 0.946	U	6	3.54	9.24	9.62	10.0	13.9	
RB111	2					< 1.78	U	6					< 3.97	U
RB202	2					< 6.43	U	6					< 6.32	U
AG174	2					< 3.17	U	6					< 2.73	U
AGG	2					< 0.867	U	6					< 3.47	U
FB200	2					< 4.42	U	6					< 4.24	U
FB203	2					< 8.37	U	6					< 7.55	U
All Snohomish CB Locations	3					< 2.03	U	12	3.58	7.86	10.1	10.9	19.4	
All Snohomish RB Locations	4					< 3.79	U	12					< 4.85	U
All Snohomish AG Locations	4					< 2.11	U	12					< 3.07	U
All Snohomish FB Locations	4					< 8.08	U	12					< 7.23	U
All Snomomish Locations	15					< 5.97	U	48	2.82	3.00	3.03	3.06	15.3	E
Puyallup Watershed														
CBA	2	1.71		1.87		2.04		6	3.96	5.43	7.60	10.9	15.7	
CBB	1					< 0.445	U	6	1.58	1.92	4.41	8.69	14.3	
RB53	2					< 1.16	U	6					< 1.15	U
RB209	2					< 1.73	U	6	0.778	0.786	0.797	0.802	0.994	E
AG143	2					< 1.25	U	6					< 3.29	U
AG62	2					< 2.07	U	6					< 4.86	U
FB130	2					< 6.79	U	6					< 4.93	U
FB372	2					< 1.83	U	6					< 3.38	U
All Puyallup CB Locations	3	0.695	0.815	1.18	1.35	1.40		12	2.29	3.53	6.30	10.8	20.7	
All Puyallup RB Locations	4					< 1.55	U	12	0.689	0.689	0.700	0.710	0.880	E
All Puyallup AG Locations	4					< 1.77	U	12					< 4.29	U
All Puyallup FB Locations	4					< 2.48	U	12					< 3.58	U
All Puyallup Locations	15	0.816	0.825	0.825	0.842	1.67	E	48	1.63	1.65	1.67	1.90	15.5	E
All Monitoring Locations Combined														
All CB Locations	6	0.778	0.786	0.786	1.33	1.59	E	24	2.50	4.51	7.06	10.3	25.0	
All RB Locations	8					< 2.65	U	24	1.50	1.50	1.53	1.55	1.92	E
All AG Locations	8					< 1.97	U	24					< 3.65	U
All FB Locations	8					< 6.68	U	24					< 6.32	U
All Locations	30	1.81	1.83	1.83	1.84	3.69	E	96	2.24	2.38	2.41	2.46	22.4	E

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-373. Absolute and unit area toxic chemical loading estimates for pyrene for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 6.41	U	6	4.72	21.2	25.5	30.6	55.0	
CBX	1					< 1.85	U	6	7.08	19.2	22.3	33.1	48.5	
RB111	2					< 3.23	U	6					< 3.97	U
RB202	2					< 13.0	U	6	3.07	3.10	3.13	3.16	3.67	E
AG174	2					< 6.40	U	6					< 2.73	U
AGG	2					< 1.75	U	6					< 3.47	U
FB200	2					< 8.92	U	6					< 4.24	U
FB203	2					< 17.1	U	6					< 7.55	U
All Snohomish CB Locations	3					< 4.15	U	12	4.67	20.2	22.9	31.9	54.4	
All Snohomish RB Locations	4					< 6.89	U	12	2.35	2.37	2.40	2.41	2.81	E
All Snohomish AG Locations	4					< 4.27	U	12					< 3.07	U
All Snohomish FB Locations	4					< 16.3	U	12					< 7.23	U
All Snomomish Locations	15					< 10.9	U	48	2.97	3.00	3.03	3.61	42.8	E
Puyallup Watershed														
CBA	2	1.07		1.56		2.06	E	6	3.69	5.97	12.8	19.0	25.5	
CBB	1					< 0.908	U	6	3.10	3.41	8.69	20.5	25.1	
RB53	2					< 2.36	U	6					< 1.15	U
RB209	2					< 3.14	U	6	0.449	0.778	0.790	0.978	1.60	E
AG143	2					< 2.37	U	6					< 3.29	U
AG62	2					< 3.93	U	6					< 4.86	U
FB130	2					< 13.7	U	6					< 4.93	U
FB372	2					< 3.70	U	6					< 3.38	U
All Puyallup CB Locations	3	0.737	0.907	1.42	1.42	1.42	E	12	3.06	4.95	10.6	19.1	36.4	
All Puyallup RB Locations	4					< 2.82	U	12	0.398	0.689	0.693	0.710	1.42	E
All Puyallup AG Locations	4					< 3.36	U	12					< 4.29	U
All Puyallup FB Locations	4					< 5.02	U	12					< 3.58	U
All Puyallup Locations	15	0.825	0.842	1.60	1.68	1.68	E	48	0.942	1.65	1.67	2.83	27.3	E
All Monitoring Locations Combined														
All CB Locations	6	0.786	0.834	1.56	1.60	1.60	E	24	3.26	7.87	15.7	22.3	44.0	
All RB Locations	8					< 4.82	U	24	0.869	1.50	1.53	1.55	3.10	E
All AG Locations	8					< 3.93	U	24					< 3.65	U
All FB Locations	8					< 13.5	U	24					< 6.32	U
All Locations	30	1.83	1.84	3.54	3.72	3.72	E	96	1.36	2.38	2.41	3.14	39.4	E

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-374. Absolute and unit area toxic chemical loading estimates for total HPAHs for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 6.41	U	6	9.82	64.4	128	174	262	
CBX	1					< 1.85	U	6	87.2	107	116	150	294	
RB111	2					< 3.23	U	6					< 7.94	U
RB202	2					< 13.0	U	6	2.91	3.16	6.16	6.32	20.2	E
AG174	2					< 6.40	U	6	1.37	1.37	2.62	2.62	2.71	E
AGG	2					< 1.75	U	6					< 7.01	U
FB200	2					< 8.92	U	6					< 8.49	U
FB203	2					< 17.1	U	6					< 15.1	U
All Snohomish CB Locations	3					< 4.15	U	12	9.72	98.2	118	162	297	
All Snohomish RB Locations	4					< 6.89	U	12	2.23	2.41	4.61	4.85	15.5	E
All Snohomish AG Locations	4					< 4.27	U	12	1.52	1.54	2.95	2.99	3.10	E
All Snohomish FB Locations	4					< 16.3	U	12					< 14.5	U
All Snomomish Locations	15					< 10.9	U	48	2.82	3.04	5.81	13.6	233	E
Puyallup Watershed														
CBA	2	1.24		1.71		2.18		6	14.9	15.7	82.3	115	165	
CBB	1					< 0.908	U	6	6.08	31.4	49.2	126	147	
RB53	2					< 2.36	U	6					< 2.31	U
RB209	2					< 3.14	U	6	0.778	1.12	1.67	6.11	8.95	
AG143	2					< 2.37	U	6	0.724	1.61	1.62	1.63	3.29	E
AG62	2					< 3.93	U	6					< 9.71	U
FB130	2					< 13.7	U	6					< 9.85	U
FB372	2					< 3.70	U	6					< 6.76	U
All Puyallup CB Locations	3	0.851	0.992	1.42	1.48	1.50		12	8.82	29.3	68.2	116	213	
All Puyallup RB Locations	4					< 2.82	U	12	0.689	0.689	0.852	1.48	7.92	E
All Puyallup AG Locations	4					< 3.36	U	12	0.944	2.09	2.10	2.13	4.29	E
All Puyallup FB Locations	4					< 5.02	U	12					< 7.17	U
All Puyallup Locations	15	0.825	0.842	1.60	1.68	1.78	E	48	0.740	1.65	1.68	9.49	159	E
All Monitoring Locations Combined														
All CB Locations	6	0.786	0.962	1.56	1.60	1.70	E	24	6.79	58.2	82.3	118	257	
All RB Locations	8					< 4.82	U	24	1.43	1.51	2.56	3.10	17.3	E
All AG Locations	8					< 3.93	U	24	0.803	1.79	1.81	3.47	3.65	E
All FB Locations	8					< 13.5	U	24					< 12.6	U
All Locations	30	1.83	1.84	3.54	3.72	3.95	E	96	1.07	2.38	4.62	13.7	231	E

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-375. Absolute and unit area toxic chemical loading estimates for benzo(a)anthracene for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 3.14	U	6	4.72	5.50	9.04	15.7	16.5	
CBX	1					< 0.946	U	6	5.85	7.55	8.85	10.8	13.9	
RB111	2					< 1.78	U	6					< 3.97	U
RB202	2					< 6.43	U	6	1.64	3.07	3.12	3.13	3.16	E
AG174	2					< 3.17	U	6	1.34	1.34	1.35	1.37	2.71	E
AGG	2					< 0.867	U	6					< 3.47	U
FB200	2					< 4.42	U	6					< 4.24	U
FB203	2					< 8.37	U	6					< 7.55	U
All Snohomish CB Locations	3					< 2.03	U	12	4.67	6.77	8.94	12.4	16.3	
All Snohomish RB Locations	4					< 3.79	U	12	1.26	2.35	2.39	2.40	2.43	E
All Snohomish AG Locations	4					< 2.11	U	12	1.50	1.50	1.53	1.54	3.04	E
All Snohomish FB Locations	4					< 8.08	U	12					< 7.23	U
All Snomomish Locations	15					< 5.97	U	48	1.59	3.00	3.03	3.98	12.9	E
Puyallup Watershed														
CBA	2					< 2.02	U	6	2.66	2.69	6.51	9.23	10.3	
CBB	1					< 0.445	U	6	1.54	3.73	4.66	8.07	8.38	
RB53	2					< 1.16	U	6					< 1.15	U
RB209	2					< 1.73	U	6	0.561	0.778	0.786	0.794	0.802	E
AG143	2					< 1.25	U	6					< 3.29	U
AG62	2					< 2.07	U	6					< 4.86	U
FB130	2					< 6.79	U	6					< 4.93	U
FB372	2					< 1.83	U	6					< 3.38	U
All Puyallup CB Locations	3					< 1.39	U	12	2.20	3.59	6.30	8.10	12.1	
All Puyallup RB Locations	4					< 1.55	U	12	0.497	0.689	0.693	0.706	0.710	E
All Puyallup AG Locations	4					< 1.77	U	12					< 4.29	U
All Puyallup FB Locations	4					< 2.48	U	12					< 3.58	U
All Puyallup Locations	15					< 1.85	U	48	1.18	1.65	1.67	1.68	9.08	E
All Monitoring Locations Combined														
All CB Locations	6					< 1.57	U	24	2.66	4.72	6.52	9.50	14.7	
All RB Locations	8					< 2.65	U	24	0.807	1.50	1.52	1.54	1.55	E
All AG Locations	8					< 1.97	U	24	1.77	1.78	1.80	1.81	3.58	E
All FB Locations	8					< 6.68	U	24					< 6.32	U
All Locations	30					< 4.10	U	96	1.27	2.38	2.41	2.43	13.1	E

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-376. Absolute and unit area toxic chemical loading estimates for benzo(a)pyrene for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 3.14	U	6	2.67	7.47	9.04	9.82	19.6	
CBX	1					< 0.946	U	6	2.69	3.77	6.31	10.0	19.2	
RB111	2					< 1.78	U	6					< 7.94	U
RB202	2					< 6.43	U	6	3.10	3.13	3.44	6.00	6.32	E
AG174	2					< 3.17	U	6					< 5.25	U
AGG	2					< 0.867	U	6					< 7.01	U
FB200	2					< 4.42	U	6					< 8.49	U
FB203	2					< 8.37	U	6					< 15.1	U
All Snohomish CB Locations	3					< 2.03	U	12	2.64	4.39	8.17	9.92	19.4	
All Snohomish RB Locations	4					< 3.79	U	12	2.35	2.39	2.43	4.61	4.85	E
All Snohomish AG Locations	4					< 2.11	U	12					< 6.20	U
All Snohomish FB Locations	4					< 8.08	U	12					< 14.5	U
All Snomomish Locations	15					< 5.97	U	48	2.08	3.00	3.06	5.97	15.3	E
Puyallup Watershed														
CBA	2					< 2.02	U	6	2.66	4.34	6.24	8.14	11.9	
CBB	1					< 0.445	U	6	2.17	2.82	3.41	9.62	9.93	
RB53	2					< 1.16	U	6					< 2.31	U
RB209	2					< 1.73	U	6	0.778	0.786	0.922	1.38	1.60	E
AG143	2					< 1.25	U	6					< 6.58	U
AG62	2					< 2.07	U	6					< 9.71	U
FB130	2					< 6.79	U	6					< 9.85	U
FB372	2					< 1.83	U	6					< 6.76	U
All Puyallup CB Locations	3					< 1.39	U	12	2.20	3.85	4.95	8.32	14.4	
All Puyallup RB Locations	4					< 1.55	U	12	0.689	0.689	0.703	1.07	1.42	E
All Puyallup AG Locations	4					< 1.77	U	12					< 8.58	U
All Puyallup FB Locations	4					< 2.48	U	12					< 7.17	U
All Puyallup Locations	15					< 1.85	U	48	1.63	1.65	1.68	3.36	10.8	E
All Monitoring Locations Combined														
All CB Locations	6					< 1.57	U	24	1.85	4.07	5.70	7.60	17.4	
All RB Locations	8					< 2.65	U	24	1.50	1.51	1.55	2.81	3.10	E
All AG Locations	8					< 1.97	U	24					< 7.30	U
All FB Locations	8					< 6.68	U	24					< 12.6	U
All Locations	30					< 4.10	U	96	1.65	2.38	2.43	4.87	15.6	E

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-377. Absolute and unit area toxic chemical loading estimates for benzo(b)fluoranthene for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 3.14	U	6	4.72	8.64	15.7	19.6	29.1	
CBX	1					< 0.946	U	6	9.24	14.6	18.5	20.0	42.3	
RB111	2					< 1.78	U	6					< 3.97	U
RB202	2					< 6.43	U	6	2.02	3.07	3.12	3.13	3.16	E
AG174	2					< 3.17	U	6					< 2.73	U
AGG	2					< 0.867	U	6					< 3.47	U
FB200	2					< 4.42	U	6					< 4.24	U
FB203	2					< 8.37	U	6					< 7.55	U
All Snohomish CB Locations	3					< 2.03	U	12	4.67	11.3	17.9	19.8	42.8	
All Snohomish RB Locations	4					< 3.79	U	12	1.55	2.35	2.39	2.40	2.43	E
All Snohomish AG Locations	4					< 2.11	U	12					< 3.07	U
All Snohomish FB Locations	4					< 8.08	U	12					< 7.23	U
All Snohomish Locations	15					< 5.97	U	48	1.96	3.00	3.03	3.37	33.7	E
Puyallup Watershed														
CBA	2					< 2.02	U	6	3.26	5.21	13.8	19.0	22.8	
CBB	1					< 0.445	U	6	1.54	1.55	8.07	18.0	20.2	
RB53	2					< 1.16	U	6					< 1.15	U
RB209	2					< 1.73	U	6	0.657	0.778	0.959	1.22	1.28	
AG143	2					< 1.25	U	6					< 3.29	U
AG62	2					< 2.07	U	6					< 4.86	U
FB130	2					< 6.79	U	6					< 4.93	U
FB372	2					< 1.83	U	6					< 3.38	U
All Puyallup CB Locations	3					< 1.39	U	12	2.23	3.51	11.7	17.3	29.2	
All Puyallup RB Locations	4					< 1.55	U	12	0.582	0.689	0.696	0.852	1.14	E
All Puyallup AG Locations	4					< 1.77	U	12					< 4.29	U
All Puyallup FB Locations	4					< 2.48	U	12					< 3.58	U
All Puyallup Locations	15					< 1.85	U	48	1.38	1.65	1.67	2.19	21.9	E
All Monitoring Locations Combined														
All CB Locations	6					< 1.57	U	24	2.69	6.24	12.5	18.2	35.3	
All RB Locations	8					< 2.65	U	24	0.993	1.50	1.53	1.55	2.48	E
All AG Locations	8					< 1.97	U	24					< 3.65	U
All FB Locations	8					< 6.68	U	24					< 6.32	U
All Locations	30					< 4.10	U	96	1.56	2.38	2.41	2.92	31.6	E

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-378. Absolute and unit area toxic chemical loading estimates for benzo(ghi)perylene for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 3.14	U	6	3.81	4.72	11.8	25.9	34.6	
CBX	1					< 0.946	U	6	9.24	10.8	13.1	26.9	30.0	
RB111	2					< 1.78	U	6					< 3.97	U
RB202	2					< 6.43	U	6	1.52	3.07	3.12	3.13	3.16	E
AG174	2					< 3.17	U	6					< 2.73	U
AGG	2					< 0.867	U	6					< 3.47	U
FB200	2					< 4.42	U	6					< 4.24	U
FB203	2					< 8.37	U	6					< 7.55	U
All Snohomish CB Locations	3					< 2.03	U	12	3.77	10.1	12.4	26.4	34.2	
All Snohomish RB Locations	4					< 3.79	U	12	1.16	2.35	2.39	2.40	2.43	E
All Snohomish AG Locations	4					< 2.11	U	12					< 3.07	U
All Snohomish FB Locations	4					< 8.08	U	12					< 7.23	U
All Snomomish Locations	15					< 5.97	U	48	1.47	3.00	3.03	3.06	26.9	E
Puyallup Watershed														
CBA	2					< 2.02	U	6	2.66	2.69	7.87	11.4	14.7	
CBB	1					< 0.445	U	6	1.54	3.73	7.29	10.9	15.8	
RB53	2					< 1.16	U	6					< 1.15	U
RB209	2					< 1.73	U	6	0.497	0.778	0.790	0.802	0.946	E
AG143	2					< 1.25	U	6					< 3.29	U
AG62	2					< 2.07	U	6					< 4.86	U
FB130	2					< 6.79	U	6					< 4.93	U
FB372	2					< 1.83	U	6					< 3.38	U
All Puyallup CB Locations	3					< 1.39	U	12	2.20	3.36	8.55	12.4	22.9	
All Puyallup RB Locations	4					< 1.55	U	12	0.440	0.689	0.693	0.710	0.838	E
All Puyallup AG Locations	4					< 1.77	U	12					< 4.29	U
All Puyallup FB Locations	4					< 2.48	U	12					< 3.58	U
All Puyallup Locations	15					< 1.85	U	48	1.04	1.65	1.67	1.68	17.2	E
All Monitoring Locations Combined														
All CB Locations	6					< 1.57	U	24	2.63	5.97	9.23	16.6	27.7	
All RB Locations	8					< 2.65	U	24	0.745	1.50	1.52	1.54	1.83	E
All AG Locations	8					< 1.97	U	24					< 3.65	U
All FB Locations	8					< 6.68	U	24					< 6.32	U
All Locations	30					< 4.10	U	96	1.17	2.38	2.41	2.43	24.8	E

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-379. Absolute and unit area toxic chemical loading estimates for benzo(k)fluoranthene for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 3.14	U	6	3.81	3.93	6.09	10.2	10.2	E
CBX	1					< 0.946	U	6	3.81	6.24	8.97	11.5	12.3	
RB111	2					< 1.78	U	6					< 3.97	U
RB202	2					< 6.43	U	6	0.758	3.07	3.12	3.13	3.16	E
AG174	2					< 3.17	U	6					< 2.73	U
AGG	2					< 0.867	U	6					< 3.47	U
FB200	2					< 4.42	U	6					< 4.24	U
FB203	2					< 8.37	U	6					< 7.55	U
All Snohomish CB Locations	3					< 2.03	U	12	3.77	4.28	7.31	10.5	12.4	
All Snohomish RB Locations	4					< 3.79	U	12	0.582	2.35	2.39	2.40	2.43	E
All Snohomish AG Locations	4					< 2.11	U	12					< 3.07	U
All Snohomish FB Locations	4					< 8.08	U	12					< 7.23	U
All Snohomish Locations	15					< 5.97	U	48	0.735	3.00	3.03	3.06	9.79	E
Puyallup Watershed														
CBA	2					< 2.02	U	6	2.66	2.69	3.46	7.60	9.23	E
CBB	1					< 0.445	U	6	1.52	1.54	1.54	5.59	6.52	E
RB53	2					< 1.16	U	6					< 1.15	U
RB209	2					< 1.73	U	6	0.273	0.778	0.786	0.794	0.802	E
AG143	2					< 1.25	U	6					< 3.29	U
AG62	2					< 2.07	U	6					< 4.86	U
FB130	2					< 6.79	U	6					< 4.93	U
FB372	2					< 1.83	U	6					< 3.38	U
All Puyallup CB Locations	3					< 1.39	U	12	2.20	2.23	2.24	6.97	9.45	E
All Puyallup RB Locations	4					< 1.55	U	12	0.241	0.689	0.693	0.706	0.710	E
All Puyallup AG Locations	4					< 1.77	U	12					< 4.29	U
All Puyallup FB Locations	4					< 2.48	U	12					< 3.58	U
All Puyallup Locations	15					< 1.85	U	48	0.572	1.65	1.67	1.68	7.07	E
All Monitoring Locations Combined														
All CB Locations	6					< 1.57	U	24	2.63	2.69	4.32	7.60	11.4	
All RB Locations	8					< 2.65	U	24	0.372	1.50	1.52	1.54	1.55	E
All AG Locations	8					< 1.97	U	24					< 3.65	U
All FB Locations	8					< 6.68	U	24					< 6.32	U
All Locations	30					< 4.10	U	96	0.584	2.38	2.41	2.43	10.2	E

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-380. Absolute and unit area toxic chemical loading estimates for chrysene for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 3.14	U	6	4.72	8.64	17.7	20.4	30.6	
CBX	1					< 0.946	U	6	7.47	12.3	15.0	16.9	35.4	
RB111	2					< 1.78	U	6					< 3.97	U
RB202	2					< 6.43	U	6	2.15	3.07	3.12	3.13	3.16	E
AG174	2					< 3.17	U	6					< 2.73	U
AGG	2					< 0.867	U	6					< 3.47	U
FB200	2					< 4.42	U	6					< 4.24	U
FB203	2					< 8.37	U	6					< 7.55	U
All Snohomish CB Locations	3					< 2.03	U	12	4.67	10.5	15.6	19.8	35.8	
All Snohomish RB Locations	4					< 3.79	U	12	1.65	2.35	2.39	2.40	2.43	E
All Snohomish AG Locations	4					< 2.11	U	12					< 3.07	U
All Snohomish FB Locations	4					< 8.08	U	12					< 7.23	U
All Snohomish Locations	15					< 5.97	U	48	2.08	3.00	3.03	3.37	28.2	E
Puyallup Watershed														
CBA	2					< 2.02	U	6	2.66	2.69	10.0	15.2	20.6	
CBB	1					< 0.445	U	6	1.54	2.51	7.29	14.6	18.3	
RB53	2					< 1.16	U	6					< 1.15	U
RB209	2					< 1.73	U	6	0.657	0.778	0.790	0.802	1.28	E
AG143	2					< 1.25	U	6					< 3.29	U
AG62	2					< 2.07	U	6					< 4.86	U
FB130	2					< 6.79	U	6					< 4.93	U
FB372	2					< 1.83	U	6					< 3.38	U
All Puyallup CB Locations	3					< 1.39	U	12	2.20	2.94	8.32	15.3	26.5	
All Puyallup RB Locations	4					< 1.55	U	12	0.582	0.689	0.693	0.710	1.14	E
All Puyallup AG Locations	4					< 1.77	U	12					< 4.29	U
All Puyallup FB Locations	4					< 2.48	U	12					< 3.58	U
All Puyallup Locations	15					< 1.85	U	48	1.38	1.65	1.67	1.68	19.8	E
All Monitoring Locations Combined														
All CB Locations	6					< 1.57	U	24	2.66	5.62	10.9	15.7	32.0	
All RB Locations	8					< 2.65	U	24	1.05	1.50	1.52	1.54	2.48	E
All AG Locations	8					< 1.97	U	24					< 3.65	U
All FB Locations	8					< 6.68	U	24					< 6.32	U
All Locations	30					< 4.10	U	96	1.65	2.38	2.41	2.43	28.7	E

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-381. Absolute and unit area toxic chemical loading estimates for dibenzo(a,h)anthracene for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 3.14	U	6	3.81	3.85	4.31	6.29	8.25	E
CBX	1					< 0.946	U	6	3.77	3.77	3.81	6.39	7.70	E
RB111	2					< 1.78	U	6					< 7.54	U
RB202	2					< 6.43	U	6					< 12.6	U
AG174	2					< 3.17	U	6					< 5.25	U
AGG	2					< 0.867	U	6					< 7.01	U
FB200	2					< 4.42	U	6					< 8.49	U
FB203	2					< 8.37	U	6					< 15.1	U
All Snohomish CB Locations	3					< 2.03	U	12	3.77	3.81	3.85	6.34	8.17	E
All Snohomish RB Locations	4					< 3.79	U	12					< 9.70	U
All Snohomish AG Locations	4					< 2.11	U	12					< 6.20	U
All Snohomish FB Locations	4					< 8.08	U	12					< 14.5	U
All Snohomish Locations	15					< 5.97	U	48	2.97	3.00	3.03	3.06	6.43	E
Puyallup Watershed														
CBA	2					< 2.02	U	6	2.66	2.66	2.69	2.93	4.07	E
CBB	1					< 0.445	U	6	1.52	1.54	1.54	2.64	2.79	E
RB53	2					< 1.16	U	6					< 1.15	U
RB209	2					< 1.73	U	6					< 1.60	U
AG143	2					< 1.25	U	6					< 3.29	U
AG62	2					< 2.07	U	6					< 4.86	U
FB130	2					< 6.79	U	6					< 4.93	U
FB372	2					< 1.83	U	6					< 3.38	U
All Puyallup CB Locations	3					< 1.39	U	12	2.20	2.22	2.23	2.90	4.05	E
All Puyallup RB Locations	4					< 1.55	U	12					< 1.42	U
All Puyallup AG Locations	4					< 1.77	U	12					< 4.29	U
All Puyallup FB Locations	4					< 2.48	U	12					< 3.58	U
All Puyallup Locations	15					< 1.85	U	48	1.63	1.65	1.67	1.68	3.03	E
All Monitoring Locations Combined														
All CB Locations	6					< 1.57	U	24	2.63	2.66	2.69	4.21	5.70	E
All RB Locations	8					< 2.65	U	24					< 6.21	U
All AG Locations	8					< 1.97	U	24					< 7.30	U
All FB Locations	8					< 6.68	U	24					< 12.6	U
All Locations	30					< 4.10	U	96	2.36	2.38	2.41	2.43	5.11	E

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-382. Absolute and unit area toxic chemical loading estimates for fluoranthene for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 3.14	U	6	4.72	20.4	26.7	33.8	44.8	
CBX	1					< 0.946	U	6	9.24	23.9	26.2	34.6	47.7	
RB111	2					< 1.78	U	6					< 3.97	U
RB202	2					< 6.43	U	6	2.91	2.91	3.08	3.13	3.16	E
AG174	2					< 3.17	U	6					< 2.73	U
AGG	2					< 0.867	U	6					< 3.47	U
FB200	2					< 4.42	U	6					< 4.24	U
FB203	2					< 8.37	U	6					< 7.55	U
All Snohomish CB Locations	3					< 2.03	U	12	4.67	21.4	26.4	34.2	48.2	
All Snohomish RB Locations	4					< 3.79	U	12	2.23	2.35	2.38	2.40	2.43	E
All Snohomish AG Locations	4					< 2.11	U	12					< 3.07	U
All Snohomish FB Locations	4					< 8.08	U	12					< 7.23	U
All Snomomish Locations	15					< 5.97	U	48	2.82	3.00	3.03	3.37	37.9	E
Puyallup Watershed														
CBA	2	1.11		1.17		1.24		6	5.97	6.51	12.9	23.9	28.8	
CBB	1					< 0.445	U	6	2.98	3.57	8.69	20.5	24.2	
RB53	2					< 1.16	U	6					< 1.15	U
RB209	2					< 1.73	U	6	0.778	0.786	0.797	0.962	1.60	E
AG143	2					< 1.25	U	6	0.724	1.61	1.62	1.63	1.63	E
AG62	2					< 2.07	U	6					< 4.86	U
FB130	2					< 6.79	U	6					< 4.93	U
FB372	2					< 1.83	U	6					< 3.38	U
All Puyallup CB Locations	3	0.695	0.713	0.766	0.829	0.851		12	4.32	5.29	10.7	21.8	35.1	
All Puyallup RB Locations	4					< 1.55	U	12	0.689	0.689	0.700	0.710	1.42	E
All Puyallup AG Locations	4					< 1.77	U	12	0.944	2.09	2.10	2.12	2.15	E
All Puyallup FB Locations	4					< 2.48	U	12					< 3.58	U
All Puyallup Locations	15	0.816	0.825	0.825	0.842	1.01	E	48	0.740	1.65	1.67	3.30	26.2	E
All Monitoring Locations Combined														
All CB Locations	6	0.778	0.786	0.786	0.866	0.962	E	24	3.26	7.33	16.8	24.2	42.4	
All RB Locations	8					< 2.65	U	24	1.43	1.50	1.52	1.55	3.10	E
All AG Locations	8					< 1.97	U	24	0.803	1.77	1.79	1.81	1.82	E
All FB Locations	8					< 6.68	U	24					< 6.32	U
All Locations	30	1.81	1.83	1.83	1.84	2.23	E	96	1.07	2.38	2.41	3.80	38.0	E

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-383. Absolute and unit area toxic chemical loading estimates for indeno(1,2,3-cd)pyrene for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 3.14	U	6	3.81	4.72	8.25	14.1	23.6	E
CBX	1					< 0.946	U	6	7.24	8.47	9.43	11.5	37.7	
RB111	2					< 1.78	U	6					< 7.54	U
RB202	2					< 6.43	U	6	1.77	3.07	3.13	3.16	6.32	E
AG174	2					< 3.17	U	6					< 5.25	U
AGG	2					< 0.867	U	6					< 7.01	U
FB200	2					< 4.42	U	6					< 8.49	U
FB203	2					< 8.37	U	6					< 15.1	U
All Snohomish CB Locations	3					< 2.03	U	12	3.77	7.54	8.94	12.8	38.1	
All Snohomish RB Locations	4					< 3.79	U	12	1.36	2.37	2.40	2.43	4.85	E
All Snohomish AG Locations	4					< 2.11	U	12					< 6.20	U
All Snohomish FB Locations	4					< 8.08	U	12					< 14.5	U
All Snohomish Locations	15					< 5.97	U	48	1.71	3.00	3.03	6.12	30.0	E
Puyallup Watershed														
CBA	2					< 2.02	U	6	2.66	2.69	8.41	10.9	17.9	
CBB	1					< 0.445	U	6	1.54	4.35	6.98	14.6	17.1	
RB53	2					< 1.16	U	6					< 1.15	U
RB209	2					< 1.73	U	6	0.481	0.778	0.790	0.802	0.914	E
AG143	2					< 1.25	U	6					< 3.29	U
AG62	2					< 2.07	U	6					< 4.86	U
FB130	2					< 6.79	U	6					< 4.93	U
FB372	2					< 1.83	U	6					< 3.38	U
All Puyallup CB Locations	3					< 1.39	U	12	2.20	4.27	8.32	13.0	24.7	
All Puyallup RB Locations	4					< 1.55	U	12	0.426	0.689	0.693	0.710	0.809	E
All Puyallup AG Locations	4					< 1.77	U	12					< 4.29	U
All Puyallup FB Locations	4					< 2.48	U	12					< 3.58	U
All Puyallup Locations	15					< 1.85	U	48	1.01	1.65	1.67	1.68	18.5	E
All Monitoring Locations Combined														
All CB Locations	6					< 1.57	U	24	2.63	5.27	7.60	12.2	29.9	
All RB Locations	8					< 2.65	U	24	0.869	1.50	1.54	1.55	3.10	E
All AG Locations	8					< 1.97	U	24					< 7.30	U
All FB Locations	8					< 6.68	U	24					< 12.6	U
All Locations	30					< 4.10	U	96	1.36	2.38	2.41	4.60	26.8	E

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-384. Absolute and unit area toxic chemical loading estimates for pyrene for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 6.41	U	6	4.72	21.2	25.5	30.6	55.0	
CBX	1					< 1.85	U	6	7.08	19.2	22.3	33.1	48.5	
RB111	2					< 3.23	U	6					< 3.97	U
RB202	2					< 13.0	U	6	3.07	3.10	3.13	3.16	3.67	E
AG174	2					< 6.40	U	6					< 2.73	U
AGG	2					< 1.75	U	6					< 3.47	U
FB200	2					< 8.92	U	6					< 4.24	U
FB203	2					< 17.1	U	6					< 7.55	U
All Snohomish CB Locations	3					< 4.15	U	12	4.67	20.2	22.9	31.9	54.4	
All Snohomish RB Locations	4					< 6.89	U	12	2.35	2.37	2.40	2.41	2.81	E
All Snohomish AG Locations	4					< 4.27	U	12					< 3.07	U
All Snohomish FB Locations	4					< 16.3	U	12					< 7.23	U
All Snohomish Locations	15					< 10.9	U	48	2.97	3.00	3.03	3.61	42.8	E
Puyallup Watershed														
CBA	2	1.07		1.56		2.06	E	6	3.69	5.97	12.8	19.0	25.5	
CBB	1					< 0.908	U	6	3.10	3.41	8.69	20.5	25.1	
RB53	2					< 2.36	U	6					< 1.15	U
RB209	2					< 3.14	U	6	0.449	0.778	0.790	0.978	1.60	E
AG143	2					< 2.37	U	6					< 3.29	U
AG62	2					< 3.93	U	6					< 4.86	U
FB130	2					< 13.7	U	6					< 4.93	U
FB372	2					< 3.70	U	6					< 3.38	U
All Puyallup CB Locations	3	0.737	0.907	1.42	1.42	1.42	E	12	3.06	4.95	10.6	19.1	36.4	
All Puyallup RB Locations	4					< 2.82	U	12	0.398	0.689	0.693	0.710	1.42	E
All Puyallup AG Locations	4					< 3.36	U	12					< 4.29	U
All Puyallup FB Locations	4					< 5.02	U	12					< 3.58	U
All Puyallup Locations	15	0.825	0.842	1.60	1.68	1.68	E	48	0.942	1.65	1.67	2.83	27.3	E
All Monitoring Locations Combined														
All CB Locations	6	0.786	0.834	1.56	1.60	1.60	E	24	3.26	7.87	15.7	22.3	44.0	
All RB Locations	8					< 4.82	U	24	0.869	1.50	1.53	1.55	3.10	E
All AG Locations	8					< 3.93	U	24					< 3.65	U
All FB Locations	8					< 13.5	U	24					< 6.32	U
All Locations	30	1.83	1.84	3.54	3.72	3.72	E	96	1.36	2.38	2.41	3.14	39.4	E

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-385. Absolute and unit area toxic chemical loading estimates for total LPAHs for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	
Snohomish Watershed														
CB335	2				< 3.14	U	6	4.72	6.44	14.9	19.6	65.5		
CBX	1				< 0.946	U	6	3.54	9.24	9.62	10.0	13.9		
RB111	2				< 1.78	U	6	1.93	1.93	2.07	3.93	6.75	E	
RB202	2				< 6.43	U	6	3.07	3.10	3.30	6.13	6.32	E	
AG174	2				< 3.17	U	6	1.34	1.34	1.79	2.68	3.04	E	
AGG	2				< 0.867	U	6	1.70	1.72	2.01	2.45	3.85	E	
FB200	2				< 4.42	U	6	2.08	2.08	3.10	5.09	7.22	E	
FB203	2				< 8.37	U	6	3.66	3.70	4.34	6.04	11.3	E	
All Snohomish CB Locations	3				< 2.03	U	12	3.58	7.86	10.1	16.3	64.8		
All Snohomish RB Locations	4				< 3.79	U	12	2.35	2.37	2.53	4.75	8.25	E	
All Snohomish AG Locations	4				< 2.11	U	12	1.50	1.51	1.78	2.75	3.41	E	
All Snohomish FB Locations	4				< 8.08	U	12	3.51	3.54	4.16	7.85	12.3	E	
All Snomomish Locations	15				< 5.97	U	48	2.82	3.00	4.13	7.35	51.0	E	
Puyallup Watershed														
CBA	2	2.04		2.33		2.61		6	3.96	5.43	9.50	16.3	39.6	
CBB	1					< 0.445	U	6	1.58	1.92	4.41	13.7	30.8	
RB53	2					< 1.16	U	6	0.559	0.559	0.571	1.12	1.96	E
RB209	2					< 1.73	U	6	0.778	0.786	0.797	0.994	7.21	E
AG143	2					< 1.25	U	6	1.61	1.61	1.63	1.63	7.93	E
AG62	2					< 2.07	U	6	2.36	2.36	2.39	2.91	6.80	E
FB130	2					< 6.79	U	6	2.41	2.41	2.44	2.96	4.93	E
FB372	2					< 1.83	U	6	1.64	1.66	1.68	1.69	4.06	E
All Puyallup CB Locations	3	0.695	0.872	1.40	1.70	1.80		12	2.29	3.53	7.87	16.6	44.7	
All Puyallup RB Locations	4					< 1.55	U	12	0.689	0.693	0.706	1.13	6.39	E
All Puyallup AG Locations	4					< 1.77	U	12	2.08	2.10	2.12	2.35	10.3	E
All Puyallup FB Locations	4					< 2.48	U	12	1.74	1.76	1.77	1.97	4.30	E
All Puyallup Locations	15	0.816	0.825	0.833	0.906	2.14	E	48	1.63	1.65	1.68	3.70	33.4	E
All Monitoring Locations Combined														
All CB Locations	6	0.778	0.786	0.786	1.59	2.04	E	24	2.50	4.51	7.33	13.3	53.9	
All RB Locations	8					< 2.65	U	24	1.50	1.51	1.54	3.01	14.0	E
All AG Locations	8					< 1.97	U	24	1.77	1.79	1.81	2.74	8.80	E
All FB Locations	8					< 6.68	U	24	3.07	3.10	3.14	5.59	10.7	E
All Locations	30	1.81	1.83	1.84	1.84	4.73	E	96	2.24	2.38	2.80	5.84	48.3	E

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-386. Absolute and unit area toxic chemical loading estimates for acenaphthene for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 3.14	U	6					< 9.43	U
CBX	1					< 0.946	U	6					< 7.62	U
RB111	2					< 1.78	U	6					< 3.97	U
RB202	2					< 6.43	U	6					< 6.32	U
AG174	2					< 3.17	U	6					< 2.73	U
AGG	2					< 0.867	U	6					< 3.47	U
FB200	2					< 4.42	U	6					< 4.24	U
FB203	2					< 8.37	U	6					< 7.55	U
All Snohomish CB Locations	3					< 2.03	U	12					< 9.33	U
All Snohomish RB Locations	4					< 3.79	U	12					< 4.85	U
All Snohomish AG Locations	4					< 2.11	U	12					< 3.07	U
All Snohomish FB Locations	4					< 8.08	U	12					< 7.23	U
All Snohomish Locations	15					< 5.97	U	48					< 7.35	U
Puyallup Watershed														
CBA	2	0.906		0.957		1.01	E	6					< 5.43	U
CBB	1					< 0.445	U	6					< 3.10	U
RB53	2					< 1.16	U	6					< 1.15	U
RB209	2					< 1.73	U	6					< 1.60	U
AG143	2					< 1.25	U	6					< 3.29	U
AG62	2					< 2.07	U	6					< 4.86	U
FB130	2					< 6.79	U	6					< 4.93	U
FB372	2					< 1.83	U	6					< 3.38	U
All Puyallup CB Locations	3	0.624	0.642	0.695	0.695	0.695	E	12					< 4.50	U
All Puyallup RB Locations	4					< 1.55	U	12					< 1.42	U
All Puyallup AG Locations	4					< 1.77	U	12					< 4.29	U
All Puyallup FB Locations	4					< 2.48	U	12					< 3.58	U
All Puyallup Locations	15	0.741	0.825	0.825	0.833	0.926	E	48					< 3.36	U
All Monitoring Locations Combined														
All CB Locations	6	0.706	0.778	0.786	0.786	0.786	E	24					< 6.52	U
All RB Locations	8					< 2.65	U	24					< 3.10	U
All AG Locations	8					< 1.97	U	24					< 3.65	U
All FB Locations	8					< 6.68	U	24					< 6.32	U
All Locations	30	1.64	1.83	1.83	1.84	2.05	E	96					< 5.84	U

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-387. Absolute and unit area toxic chemical loading estimates for acenaphthylene for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 3.14	U	6					< 9.43	U
CBX	1					< 0.946	U	6					< 7.62	U
RB111	2					< 1.78	U	6					< 3.97	U
RB202	2					< 6.43	U	6					< 6.32	U
AG174	2					< 3.17	U	6					< 2.73	U
AGG	2					< 0.867	U	6					< 3.47	U
FB200	2					< 4.42	U	6					< 4.24	U
FB203	2					< 8.37	U	6					< 7.55	U
All Snohomish CB Locations	3					< 2.03	U	12					< 9.33	U
All Snohomish RB Locations	4					< 3.79	U	12					< 4.85	U
All Snohomish AG Locations	4					< 2.11	U	12					< 3.07	U
All Snohomish FB Locations	4					< 8.08	U	12					< 7.23	U
All Snohomish Locations	15					< 5.97	U	48					< 7.35	U
Puyallup Watershed														
CBA	2					< 2.02	U	6					< 5.43	U
CBB	1					< 0.445	U	5					< 3.10	U
RB53	2					< 1.16	U	5					< 1.15	U
RB209	2					< 1.73	U	5					< 1.60	U
AG143	2					< 1.25	U	5					< 3.26	U
AG62	2					< 2.07	U	5					< 4.81	U
FB130	2					< 6.79	U	5					< 4.88	U
FB372	2					< 1.83	U	5					< 3.38	U
All Puyallup CB Locations	3					< 1.39	U	11					< 4.50	U
All Puyallup RB Locations	4					< 1.55	U	10					< 1.42	U
All Puyallup AG Locations	4					< 1.77	U	10					< 4.25	U
All Puyallup FB Locations	4					< 2.48	U	10					< 3.58	U
All Puyallup Locations	15					< 1.85	U	41					< 3.36	U
All Monitoring Locations Combined														
All CB Locations	6					< 1.57	U	23					< 6.52	U
All RB Locations	8					< 2.65	U	22					< 3.10	U
All AG Locations	8					< 1.97	U	22					< 3.61	U
All FB Locations	8					< 6.68	U	22					< 6.32	U
All Locations	30					< 4.10	U	89					< 5.84	U

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-388. Absolute and unit area toxic chemical loading estimates for anthracene for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 3.14	U	6					< 9.43	U
CBX	1					< 0.946	U	6					< 7.62	U
RB111	2					< 1.78	U	6					< 3.97	U
RB202	2					< 6.43	U	6					< 6.32	U
AG174	2					< 3.17	U	6					< 2.73	U
AGG	2					< 0.867	U	6					< 3.47	U
FB200	2					< 4.42	U	6					< 4.24	U
FB203	2					< 8.37	U	6					< 7.55	U
All Snohomish CB Locations	3					< 2.03	U	12					< 9.33	U
All Snohomish RB Locations	4					< 3.79	U	12					< 4.85	U
All Snohomish AG Locations	4					< 2.11	U	12					< 3.07	U
All Snohomish FB Locations	4					< 8.08	U	12					< 7.23	U
All Snohomish Locations	15					< 5.97	U	48					< 7.35	U
Puyallup Watershed														
CBA	2					< 2.02	U	6	2.66	2.66	2.69	9.23	9.77	E
CBB	1					< 0.445	U	6	1.52	1.54	1.54	4.97	5.90	E
RB53	2					< 1.16	U	6	0.559	0.559	0.568	0.576	1.12	E
RB209	2					< 1.73	U	6	0.778	0.786	0.790	0.802	2.40	E
AG143	2					< 1.25	U	6	1.61	1.61	1.63	1.63	4.93	E
AG62	2					< 2.07	U	6					< 4.86	U
FB130	2					< 6.79	U	6					< 4.93	U
FB372	2					< 1.83	U	6					< 3.38	U
All Puyallup CB Locations	3					< 1.39	U	12	2.20	2.22	2.23	7.42	8.55	E
All Puyallup RB Locations	4					< 1.55	U	12	0.689	0.689	0.700	0.710	2.13	E
All Puyallup AG Locations	4					< 1.77	U	12	2.08	2.10	2.12	2.12	6.44	E
All Puyallup FB Locations	4					< 2.48	U	12					< 3.58	U
All Puyallup Locations	15					< 1.85	U	48	1.63	1.65	1.67	1.68	6.39	E
All Monitoring Locations Combined														
All CB Locations	6					< 1.57	U	24	2.63	2.66	2.69	2.71	10.3	E
All RB Locations	8					< 2.65	U	24	1.50	1.50	1.53	1.55	4.65	E
All AG Locations	8					< 1.97	U	24	1.77	1.78	1.79	1.81	5.47	E
All FB Locations	8					< 6.68	U	24					< 6.32	U
All Locations	30					< 4.10	U	96	2.36	2.38	2.41	2.41	9.25	E

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-389. Absolute and unit area toxic chemical loading estimates for fluorene for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 3.14	U	6	3.81	3.89	4.31	6.52	7.86	E
CBX	1					< 0.946	U	6					< 7.62	U
RB111	2					< 1.78	U	6					< 3.97	U
RB202	2					< 6.43	U	6					< 6.32	U
AG174	2					< 3.17	U	6					< 2.73	U
AGG	2					< 0.867	U	6					< 3.47	U
FB200	2					< 4.42	U	6					< 4.24	U
FB203	2					< 8.37	U	6					< 7.55	U
All Snohomish CB Locations	3					< 2.03	U	12	3.77	3.81	3.85	4.26	7.78	E
All Snohomish RB Locations	4					< 3.79	U	12					< 4.85	U
All Snohomish AG Locations	4					< 2.11	U	12					< 3.07	U
All Snohomish FB Locations	4					< 8.08	U	12					< 7.23	U
All Snohomish Locations	15					< 5.97	U	48	2.97	2.99	3.00	3.03	6.12	E
Puyallup Watershed														
CBA	2					< 2.02	U	6					< 5.43	U
CBB	1					< 0.445	U	6	1.51	1.52	1.54	1.55	2.58	E
RB53	2					< 1.16	U	6					< 1.15	U
RB209	2					< 1.73	U	6					< 1.60	U
AG143	2					< 1.25	U	6					< 3.29	U
AG62	2					< 2.07	U	6					< 4.86	U
FB130	2					< 6.79	U	6					< 4.93	U
FB372	2					< 1.83	U	6					< 3.38	U
All Puyallup CB Locations	3					< 1.39	U	12	2.18	2.20	2.23	2.24	3.73	E
All Puyallup RB Locations	4					< 1.55	U	12					< 1.42	U
All Puyallup AG Locations	4					< 1.77	U	12					< 4.29	U
All Puyallup FB Locations	4					< 2.48	U	12					< 3.58	U
All Puyallup Locations	15					< 1.85	U	48	1.63	1.65	1.67	1.67	2.79	E
All Monitoring Locations Combined														
All CB Locations	6					< 1.57	U	24	2.63	2.66	2.69	2.70	5.43	E
All RB Locations	8					< 2.65	U	24					< 3.10	U
All AG Locations	8					< 1.97	U	24					< 3.65	U
All FB Locations	8					< 6.68	U	24					< 6.32	U
All Locations	30					< 4.10	U	96	2.36	2.38	2.40	2.41	4.87	E

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-390. Absolute and unit area toxic chemical loading estimates for naphthalene for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 3.14	U	6	3.81	3.89	3.91	4.72	48.7	E
CBX	1					< 0.946	U	6					< 15.4	U
RB111	2					< 1.78	U	6	1.93	1.93	2.07	3.93	6.75	E
RB202	2					< 6.43	U	6	3.07	3.10	3.30	6.13	6.32	E
AG174	2					< 3.17	U	6	1.34	1.34	1.79	2.68	3.04	E
AGG	2					< 0.867	U	6	1.70	1.72	2.01	2.45	3.85	E
FB200	2					< 4.42	U	6	2.08	2.08	3.10	5.09	7.22	E
FB203	2					< 8.37	U	6	3.66	3.70	4.34	6.04	11.3	E
All Snohomish CB Locations	3					< 2.03	U	12	3.77	3.83	3.85	4.47	48.2	E
All Snohomish RB Locations	4					< 3.79	U	12	2.35	2.37	2.53	4.75	8.25	E
All Snohomish AG Locations	4					< 2.11	U	12	1.50	1.51	1.78	2.75	3.41	E
All Snohomish FB Locations	4					< 8.08	U	12	3.51	3.54	4.16	7.85	12.3	E
All Snomomish Locations	15					< 5.97	U	48	2.97	3.00	3.04	5.94	37.9	E
Puyallup Watershed														
CBA	2					< 2.26	U	6	2.66	2.69	2.99	4.88	14.1	E
CBB	1					< 0.445	U	6	1.52	1.54	1.54	1.71	8.07	E
RB53	2					< 1.16	U	6	0.559	0.559	0.571	0.692	1.96	E
RB209	2					< 1.73	U	6	0.778	0.786	0.797	1.28	4.81	E
AG143	2					< 1.25	U	6	1.61	1.61	1.63	1.63	2.99	E
AG62	2					< 2.07	U	6	2.36	2.36	2.39	2.91	6.80	E
FB130	2					< 6.79	U	6	2.41	2.41	2.44	2.96	4.93	E
FB372	2					< 1.83	U	6	1.64	1.66	1.68	1.69	4.06	E
All Puyallup CB Locations	3					< 1.56	U	12	2.20	2.23	2.25	3.37	11.7	E
All Puyallup RB Locations	4					< 1.55	U	12	0.689	0.693	0.706	0.994	4.26	E
All Puyallup AG Locations	4					< 1.77	U	12	2.08	2.10	2.12	2.35	6.01	E
All Puyallup FB Locations	4					< 2.48	U	12	1.74	1.76	1.77	1.97	4.30	E
All Puyallup Locations	15					< 1.85	U	48	1.63	1.65	1.67	2.02	10.1	E
All Monitoring Locations Combined														
All CB Locations	6					< 1.76	U	24	2.63	2.69	2.70	3.26	33.7	E
All RB Locations	8					< 2.65	U	24	1.50	1.51	1.54	2.75	9.31	E
All AG Locations	8					< 1.97	U	24	1.77	1.79	1.81	2.74	5.11	E
All FB Locations	8					< 6.68	U	24	3.07	3.10	3.14	5.59	10.7	E
All Locations	30					< 4.10	U	96	2.36	2.38	2.41	3.89	30.2	E

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-391. Absolute and unit area toxic chemical loading estimates for phenanthrene for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 3.14	U	6	4.72	6.44	10.6	11.0	19.6	
CBX	1					< 0.946	U	6	3.54	9.24	9.62	10.0	13.9	
RB111	2					< 1.78	U	6					< 3.97	U
RB202	2					< 6.43	U	6					< 6.32	U
AG174	2					< 3.17	U	6					< 2.73	U
AGG	2					< 0.867	U	6					< 3.47	U
FB200	2					< 4.42	U	6					< 4.24	U
FB203	2					< 8.37	U	6					< 7.55	U
All Snohomish CB Locations	3					< 2.03	U	12	3.58	7.86	10.1	10.9	19.4	
All Snohomish RB Locations	4					< 3.79	U	12					< 4.85	U
All Snohomish AG Locations	4					< 2.11	U	12					< 3.07	U
All Snohomish FB Locations	4					< 8.08	U	12					< 7.23	U
All Snomomish Locations	15					< 5.97	U	48	2.82	3.00	3.03	3.06	15.3	E
Puyallup Watershed														
CBA	2	1.71		1.87		2.04		6	3.96	5.43	7.60	10.9	15.7	
CBB	1					< 0.445	U	6	1.58	1.92	4.41	8.69	14.3	
RB53	2					< 1.16	U	6					< 1.15	U
RB209	2					< 1.73	U	6	0.778	0.786	0.797	0.802	0.994	E
AG143	2					< 1.25	U	6					< 3.29	U
AG62	2					< 2.07	U	6					< 4.86	U
FB130	2					< 6.79	U	6					< 4.93	U
FB372	2					< 1.83	U	6					< 3.38	U
All Puyallup CB Locations	3	0.695	0.815	1.18	1.35	1.40		12	2.29	3.53	6.30	10.8	20.7	
All Puyallup RB Locations	4					< 1.55	U	12	0.689	0.689	0.700	0.710	0.880	E
All Puyallup AG Locations	4					< 1.77	U	12					< 4.29	U
All Puyallup FB Locations	4					< 2.48	U	12					< 3.58	U
All Puyallup Locations	15	0.816	0.825	0.825	0.842	1.67	E	48	1.63	1.65	1.67	1.90	15.5	E
All Monitoring Locations Combined														
All CB Locations	6	0.778	0.786	0.786	1.33	1.59	E	24	2.50	4.51	7.06	10.3	25.0	
All RB Locations	8					< 2.65	U	24	1.50	1.50	1.53	1.55	1.92	E
All AG Locations	8					< 1.97	U	24					< 3.65	U
All FB Locations	8					< 6.68	U	24					< 6.32	U
All Locations	30	1.81	1.83	1.83	1.84	3.69	E	96	2.24	2.38	2.41	2.46	22.4	E

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-392. Absolute and unit area toxic chemical loading estimates for total cPAHs for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 3.14	U	6	9.82	22.8	62.0	77.8	136	
CBX	1					< 0.946	U	6	44.0	50.3	58.1	68.9	167	
RB111	2					< 1.78	U	6					< 7.94	U
RB202	2					< 6.43	U	6	3.13	3.16	6.16	6.32	12.1	E
AG174	2					< 3.17	U	6	1.37	1.37	2.62	2.62	2.71	E
AGG	2					< 0.867	U	6					< 7.01	U
FB200	2					< 4.42	U	6					< 8.49	U
FB203	2					< 8.37	U	6					< 15.1	U
All Snohomish CB Locations	3					< 2.03	U	12	9.72	47.6	61.1	73.3	169	
All Snohomish RB Locations	4					< 3.79	U	12	2.38	2.41	4.61	4.85	9.27	E
All Snohomish AG Locations	4					< 2.11	U	12	1.52	1.54	2.95	2.99	3.10	E
All Snohomish FB Locations	4					< 8.08	U	12					< 14.5	U
All Snomomish Locations	15					< 5.97	U	48	3.00	3.04	5.81	9.67	133	E
Puyallup Watershed														
CBA	2					< 2.02	U	6	3.26	5.21	53.2	60.8	95.8	
CBB	1					< 0.445	U	6	3.10	19.6	26.9	74.3	82.0	
RB53	2					< 1.16	U	6					< 2.31	U
RB209	2					< 1.73	U	6	0.778	1.12	1.44	3.67	4.79	
AG143	2					< 1.25	U	6					< 6.58	U
AG62	2					< 2.07	U	6					< 9.71	U
FB130	2					< 6.79	U	6					< 9.85	U
FB372	2					< 1.83	U	6					< 6.76	U
All Puyallup CB Locations	3					< 1.39	U	12	2.70	16.4	40.8	64.9	119	
All Puyallup RB Locations	4					< 1.55	U	12	0.689	0.689	0.852	1.42	4.25	E
All Puyallup AG Locations	4					< 1.77	U	12					< 8.58	U
All Puyallup FB Locations	4					< 2.48	U	12					< 7.17	U
All Puyallup Locations	15					< 1.85	U	48	1.63	1.65	1.68	3.36	88.8	E
All Monitoring Locations Combined														
All CB Locations	6					< 1.57	U	24	3.26	32.6	45.9	60.0	143	
All RB Locations	8					< 2.65	U	24	1.50	1.53	2.33	3.10	9.28	E
All AG Locations	8					< 1.97	U	24	1.77	1.79	1.81	3.47	3.65	E
All FB Locations	8					< 6.68	U	24					< 12.6	U
All Locations	30					< 4.10	U	96	2.36	2.41	4.62	5.47	128	E

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-393. Absolute and unit area toxic chemical loading estimates for benzo(a)anthracene for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 3.14	U	6	4.72	5.50	9.04	15.7	16.5	
CBX	1					< 0.946	U	6	5.85	7.55	8.85	10.8	13.9	
RB111	2					< 1.78	U	6					< 3.97	U
RB202	2					< 6.43	U	6	1.64	3.07	3.12	3.13	3.16	E
AG174	2					< 3.17	U	6	1.34	1.34	1.35	1.37	2.71	E
AGG	2					< 0.867	U	6					< 3.47	U
FB200	2					< 4.42	U	6					< 4.24	U
FB203	2					< 8.37	U	6					< 7.55	U
All Snohomish CB Locations	3					< 2.03	U	12	4.67	6.77	8.94	12.4	16.3	
All Snohomish RB Locations	4					< 3.79	U	12	1.26	2.35	2.39	2.40	2.43	E
All Snohomish AG Locations	4					< 2.11	U	12	1.50	1.50	1.53	1.54	3.04	E
All Snohomish FB Locations	4					< 8.08	U	12					< 7.23	U
All Snohomish Locations	15					< 5.97	U	48	1.59	3.00	3.03	3.98	12.9	E
Puyallup Watershed														
CBA	2					< 2.02	U	6	2.66	2.69	6.51	9.23	10.3	
CBB	1					< 0.445	U	6	1.54	3.73	4.66	8.07	8.38	
RB53	2					< 1.16	U	6					< 1.15	U
RB209	2					< 1.73	U	6	0.561	0.778	0.786	0.794	0.802	E
AG143	2					< 1.25	U	6					< 3.29	U
AG62	2					< 2.07	U	6					< 4.86	U
FB130	2					< 6.79	U	6					< 4.93	U
FB372	2					< 1.83	U	6					< 3.38	U
All Puyallup CB Locations	3					< 1.39	U	12	2.20	3.59	6.30	8.10	12.1	
All Puyallup RB Locations	4					< 1.55	U	12	0.497	0.689	0.693	0.706	0.710	E
All Puyallup AG Locations	4					< 1.77	U	12					< 4.29	U
All Puyallup FB Locations	4					< 2.48	U	12					< 3.58	U
All Puyallup Locations	15					< 1.85	U	48	1.18	1.65	1.67	1.68	9.08	E
All Monitoring Locations Combined														
All CB Locations	6					< 1.57	U	24	2.66	4.72	6.52	9.50	14.7	
All RB Locations	8					< 2.65	U	24	0.807	1.50	1.52	1.54	1.55	E
All AG Locations	8					< 1.97	U	24	1.77	1.78	1.80	1.81	3.58	E
All FB Locations	8					< 6.68	U	24					< 6.32	U
All Locations	30					< 4.10	U	96	1.27	2.38	2.41	2.43	13.1	E

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-394. Absolute and unit area toxic chemical loading estimates for benzo(a)pyrene for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 3.14	U	6	2.67	7.47	9.04	9.82	19.6	
CBX	1					< 0.946	U	6	2.69	3.77	6.31	10.0	19.2	
RB111	2					< 1.78	U	6					< 7.94	U
RB202	2					< 6.43	U	6	3.10	3.13	3.44	6.00	6.32	E
AG174	2					< 3.17	U	6					< 5.25	U
AGG	2					< 0.867	U	6					< 7.01	U
FB200	2					< 4.42	U	6					< 8.49	U
FB203	2					< 8.37	U	6					< 15.1	U
All Snohomish CB Locations	3					< 2.03	U	12	2.64	4.39	8.17	9.92	19.4	
All Snohomish RB Locations	4					< 3.79	U	12	2.35	2.39	2.43	4.61	4.85	E
All Snohomish AG Locations	4					< 2.11	U	12					< 6.20	U
All Snohomish FB Locations	4					< 8.08	U	12					< 14.5	U
All Snomomish Locations	15					< 5.97	U	48	2.08	3.00	3.06	5.97	15.3	E
Puyallup Watershed														
CBA	2					< 2.02	U	6	2.66	4.34	6.24	8.14	11.9	
CBB	1					< 0.445	U	6	2.17	2.82	3.41	9.62	9.93	
RB53	2					< 1.16	U	6					< 2.31	U
RB209	2					< 1.73	U	6	0.778	0.786	0.922	1.38	1.60	E
AG143	2					< 1.25	U	6					< 6.58	U
AG62	2					< 2.07	U	6					< 9.71	U
FB130	2					< 6.79	U	6					< 9.85	U
FB372	2					< 1.83	U	6					< 6.76	U
All Puyallup CB Locations	3					< 1.39	U	12	2.20	3.85	4.95	8.32	14.4	
All Puyallup RB Locations	4					< 1.55	U	12	0.689	0.689	0.703	1.07	1.42	E
All Puyallup AG Locations	4					< 1.77	U	12					< 8.58	U
All Puyallup FB Locations	4					< 2.48	U	12					< 7.17	U
All Puyallup Locations	15					< 1.85	U	48	1.63	1.65	1.68	3.36	10.8	E
All Monitoring Locations Combined														
All CB Locations	6					< 1.57	U	24	1.85	4.07	5.70	7.60	17.4	
All RB Locations	8					< 2.65	U	24	1.50	1.51	1.55	2.81	3.10	E
All AG Locations	8					< 1.97	U	24					< 7.30	U
All FB Locations	8					< 6.68	U	24					< 12.6	U
All Locations	30					< 4.10	U	96	1.65	2.38	2.43	4.87	15.6	E

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-395. Absolute and unit area toxic chemical loading estimates for benzo(b)fluoranthene for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 3.14	U	6	4.72	8.64	15.7	19.6	29.1	
CBX	1					< 0.946	U	6	9.24	14.6	18.5	20.0	42.3	
RB111	2					< 1.78	U	6					< 3.97	U
RB202	2					< 6.43	U	6	2.02	3.07	3.12	3.13	3.16	E
AG174	2					< 3.17	U	6					< 2.73	U
AGG	2					< 0.867	U	6					< 3.47	U
FB200	2					< 4.42	U	6					< 4.24	U
FB203	2					< 8.37	U	6					< 7.55	U
All Snohomish CB Locations	3					< 2.03	U	12	4.67	11.3	17.9	19.8	42.8	
All Snohomish RB Locations	4					< 3.79	U	12	1.55	2.35	2.39	2.40	2.43	E
All Snohomish AG Locations	4					< 2.11	U	12					< 3.07	U
All Snohomish FB Locations	4					< 8.08	U	12					< 7.23	U
All Snomomish Locations	15					< 5.97	U	48	1.96	3.00	3.03	3.37	33.7	E
Puyallup Watershed														
CBA	2					< 2.02	U	6	3.26	5.21	13.8	19.0	22.8	
CBB	1					< 0.445	U	6	1.54	1.55	8.07	18.0	20.2	
RB53	2					< 1.16	U	6					< 1.15	U
RB209	2					< 1.73	U	6	0.657	0.778	0.959	1.22	1.28	
AG143	2					< 1.25	U	6					< 3.29	U
AG62	2					< 2.07	U	6					< 4.86	U
FB130	2					< 6.79	U	6					< 4.93	U
FB372	2					< 1.83	U	6					< 3.38	U
All Puyallup CB Locations	3					< 1.39	U	12	2.23	3.51	11.7	17.3	29.2	
All Puyallup RB Locations	4					< 1.55	U	12	0.582	0.689	0.696	0.852	1.14	E
All Puyallup AG Locations	4					< 1.77	U	12					< 4.29	U
All Puyallup FB Locations	4					< 2.48	U	12					< 3.58	U
All Puyallup Locations	15					< 1.85	U	48	1.38	1.65	1.67	2.19	21.9	E
All Monitoring Locations Combined														
All CB Locations	6					< 1.57	U	24	2.69	6.24	12.5	18.2	35.3	
All RB Locations	8					< 2.65	U	24	0.993	1.50	1.53	1.55	2.48	E
All AG Locations	8					< 1.97	U	24					< 3.65	U
All FB Locations	8					< 6.68	U	24					< 6.32	U
All Locations	30					< 4.10	U	96	1.56	2.38	2.41	2.92	31.6	E

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-396. Absolute and unit area toxic chemical loading estimates for benzo(k)fluoranthene for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 3.14	U	6	3.81	3.93	6.09	10.2	10.2	E
CBX	1					< 0.946	U	6	3.81	6.24	8.97	11.5	12.3	
RB111	2					< 1.78	U	6					< 3.97	U
RB202	2					< 6.43	U	6	0.758	3.07	3.12	3.13	3.16	E
AG174	2					< 3.17	U	6					< 2.73	U
AGG	2					< 0.867	U	6					< 3.47	U
FB200	2					< 4.42	U	6					< 4.24	U
FB203	2					< 8.37	U	6					< 7.55	U
All Snohomish CB Locations	3					< 2.03	U	12	3.77	4.28	7.31	10.5	12.4	
All Snohomish RB Locations	4					< 3.79	U	12	0.582	2.35	2.39	2.40	2.43	E
All Snohomish AG Locations	4					< 2.11	U	12					< 3.07	U
All Snohomish FB Locations	4					< 8.08	U	12					< 7.23	U
All Snohomish Locations	15					< 5.97	U	48	0.735	3.00	3.03	3.06	9.79	E
Puyallup Watershed														
CBA	2					< 2.02	U	6	2.66	2.69	3.46	7.60	9.23	E
CBB	1					< 0.445	U	6	1.52	1.54	1.54	5.59	6.52	E
RB53	2					< 1.16	U	6					< 1.15	U
RB209	2					< 1.73	U	6	0.273	0.778	0.786	0.794	0.802	E
AG143	2					< 1.25	U	6					< 3.29	U
AG62	2					< 2.07	U	6					< 4.86	U
FB130	2					< 6.79	U	6					< 4.93	U
FB372	2					< 1.83	U	6					< 3.38	U
All Puyallup CB Locations	3					< 1.39	U	12	2.20	2.23	2.24	6.97	9.45	E
All Puyallup RB Locations	4					< 1.55	U	12	0.241	0.689	0.693	0.706	0.710	E
All Puyallup AG Locations	4					< 1.77	U	12					< 4.29	U
All Puyallup FB Locations	4					< 2.48	U	12					< 3.58	U
All Puyallup Locations	15					< 1.85	U	48	0.572	1.65	1.67	1.68	7.07	E
All Monitoring Locations Combined														
All CB Locations	6					< 1.57	U	24	2.63	2.69	4.32	7.60	11.4	
All RB Locations	8					< 2.65	U	24	0.372	1.50	1.52	1.54	1.55	E
All AG Locations	8					< 1.97	U	24					< 3.65	U
All FB Locations	8					< 6.68	U	24					< 6.32	U
All Locations	30					< 4.10	U	96	0.584	2.38	2.41	2.43	10.2	E

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-397. Absolute and unit area toxic chemical loading estimates for chrysene for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 3.14	U	6	4.72	8.64	17.7	20.4	30.6	
CBX	1					< 0.946	U	6	7.47	12.3	15.0	16.9	35.4	
RB111	2					< 1.78	U	6					< 3.97	U
RB202	2					< 6.43	U	6	2.15	3.07	3.12	3.13	3.16	E
AG174	2					< 3.17	U	6					< 2.73	U
AGG	2					< 0.867	U	6					< 3.47	U
FB200	2					< 4.42	U	6					< 4.24	U
FB203	2					< 8.37	U	6					< 7.55	U
All Snohomish CB Locations	3					< 2.03	U	12	4.67	10.5	15.6	19.8	35.8	
All Snohomish RB Locations	4					< 3.79	U	12	1.65	2.35	2.39	2.40	2.43	E
All Snohomish AG Locations	4					< 2.11	U	12					< 3.07	U
All Snohomish FB Locations	4					< 8.08	U	12					< 7.23	U
All Snohomish Locations	15					< 5.97	U	48	2.08	3.00	3.03	3.37	28.2	E
Puyallup Watershed														
CBA	2					< 2.02	U	6	2.66	2.69	10.0	15.2	20.6	
CBB	1					< 0.445	U	6	1.54	2.51	7.29	14.6	18.3	
RB53	2					< 1.16	U	6					< 1.15	U
RB209	2					< 1.73	U	6	0.657	0.778	0.790	0.802	1.28	E
AG143	2					< 1.25	U	6					< 3.29	U
AG62	2					< 2.07	U	6					< 4.86	U
FB130	2					< 6.79	U	6					< 4.93	U
FB372	2					< 1.83	U	6					< 3.38	U
All Puyallup CB Locations	3					< 1.39	U	12	2.20	2.94	8.32	15.3	26.5	
All Puyallup RB Locations	4					< 1.55	U	12	0.582	0.689	0.693	0.710	1.14	E
All Puyallup AG Locations	4					< 1.77	U	12					< 4.29	U
All Puyallup FB Locations	4					< 2.48	U	12					< 3.58	U
All Puyallup Locations	15					< 1.85	U	48	1.38	1.65	1.67	1.68	19.8	E
All Monitoring Locations Combined														
All CB Locations	6					< 1.57	U	24	2.66	5.62	10.9	15.7	32.0	
All RB Locations	8					< 2.65	U	24	1.05	1.50	1.52	1.54	2.48	E
All AG Locations	8					< 1.97	U	24					< 3.65	U
All FB Locations	8					< 6.68	U	24					< 6.32	U
All Locations	30					< 4.10	U	96	1.65	2.38	2.41	2.43	28.7	E

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-398. Absolute and unit area toxic chemical loading estimates for dibenzo(a,h)anthracene for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 3.14	U	6	3.81	3.85	4.31	6.29	8.25	E
CBX	1					< 0.946	U	6	3.77	3.77	3.81	6.39	7.70	E
RB111	2					< 1.78	U	6					< 7.54	U
RB202	2					< 6.43	U	6					< 12.6	U
AG174	2					< 3.17	U	6					< 5.25	U
AGG	2					< 0.867	U	6					< 7.01	U
FB200	2					< 4.42	U	6					< 8.49	U
FB203	2					< 8.37	U	6					< 15.1	U
All Snohomish CB Locations	3					< 2.03	U	12	3.77	3.81	3.85	6.34	8.17	E
All Snohomish RB Locations	4					< 3.79	U	12					< 9.70	U
All Snohomish AG Locations	4					< 2.11	U	12					< 6.20	U
All Snohomish FB Locations	4					< 8.08	U	12					< 14.5	U
All Snohomish Locations	15					< 5.97	U	48	2.97	3.00	3.03	3.06	6.43	E
Puyallup Watershed														
CBA	2					< 2.02	U	6	2.66	2.66	2.69	2.93	4.07	E
CBB	1					< 0.445	U	6	1.52	1.54	1.54	2.64	2.79	E
RB53	2					< 1.16	U	6					< 1.15	U
RB209	2					< 1.73	U	6					< 1.60	U
AG143	2					< 1.25	U	6					< 3.29	U
AG62	2					< 2.07	U	6					< 4.86	U
FB130	2					< 6.79	U	6					< 4.93	U
FB372	2					< 1.83	U	6					< 3.38	U
All Puyallup CB Locations	3					< 1.39	U	12	2.20	2.22	2.23	2.90	4.05	E
All Puyallup RB Locations	4					< 1.55	U	12					< 1.42	U
All Puyallup AG Locations	4					< 1.77	U	12					< 4.29	U
All Puyallup FB Locations	4					< 2.48	U	12					< 3.58	U
All Puyallup Locations	15					< 1.85	U	48	1.63	1.65	1.67	1.68	3.03	E
All Monitoring Locations Combined														
All CB Locations	6					< 1.57	U	24	2.63	2.66	2.69	4.21	5.70	E
All RB Locations	8					< 2.65	U	24					< 6.21	U
All AG Locations	8					< 1.97	U	24					< 7.30	U
All FB Locations	8					< 6.68	U	24					< 12.6	U
All Locations	30					< 4.10	U	96	2.36	2.38	2.41	2.43	5.11	E

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-399. Absolute and unit area toxic chemical loading estimates for indeno(1,2,3-cd)pyrene for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 3.14	U	6	3.81	4.72	8.25	14.1	23.6	E
CBX	1					< 0.946	U	6	7.24	8.47	9.43	11.5	37.7	
RB111	2					< 1.78	U	6					< 7.54	U
RB202	2					< 6.43	U	6	1.77	3.07	3.13	3.16	6.32	E
AG174	2					< 3.17	U	6					< 5.25	U
AGG	2					< 0.867	U	6					< 7.01	U
FB200	2					< 4.42	U	6					< 8.49	U
FB203	2					< 8.37	U	6					< 15.1	U
All Snohomish CB Locations	3					< 2.03	U	12	3.77	7.54	8.94	12.8	38.1	
All Snohomish RB Locations	4					< 3.79	U	12	1.36	2.37	2.40	2.43	4.85	E
All Snohomish AG Locations	4					< 2.11	U	12					< 6.20	U
All Snohomish FB Locations	4					< 8.08	U	12					< 14.5	U
All Snohomish Locations	15					< 5.97	U	48	1.71	3.00	3.03	6.12	30.0	E
Puyallup Watershed														
CBA	2					< 2.02	U	6	2.66	2.69	8.41	10.9	17.9	
CBB	1					< 0.445	U	6	1.54	4.35	6.98	14.6	17.1	
RB53	2					< 1.16	U	6					< 1.15	U
RB209	2					< 1.73	U	6	0.481	0.778	0.790	0.802	0.914	E
AG143	2					< 1.25	U	6					< 3.29	U
AG62	2					< 2.07	U	6					< 4.86	U
FB130	2					< 6.79	U	6					< 4.93	U
FB372	2					< 1.83	U	6					< 3.38	U
All Puyallup CB Locations	3					< 1.39	U	12	2.20	4.27	8.32	13.0	24.7	
All Puyallup RB Locations	4					< 1.55	U	12	0.426	0.689	0.693	0.710	0.809	E
All Puyallup AG Locations	4					< 1.77	U	12					< 4.29	U
All Puyallup FB Locations	4					< 2.48	U	12					< 3.58	U
All Puyallup Locations	15					< 1.85	U	48	1.01	1.65	1.67	1.68	18.5	E
All Monitoring Locations Combined														
All CB Locations	6					< 1.57	U	24	2.63	5.27	7.60	12.2	29.9	
All RB Locations	8					< 2.65	U	24	0.869	1.50	1.54	1.55	3.10	E
All AG Locations	8					< 1.97	U	24					< 7.30	U
All FB Locations	8					< 6.68	U	24					< 12.6	U
All Locations	30					< 4.10	U	96	1.36	2.38	2.41	4.60	26.8	E

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-400. Absolute and unit area toxic chemical loading estimates for total DiCb for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2	0.00304		0.00520		0.00737	E	3					< 0.299	U
CBX	1					< 0.0185	U	3	0.0262	0.0293	0.0385	0.200	0.254	E
RB111	2	0.00154		0.00279		0.00404	E	3	0.0258	0.0291	0.0389	0.0457	0.0480	
RB202	2					< 0.0130	U	3	0.0126	0.0170	0.0300	0.0312	0.0316	E
AG174	2	0.00320		0.00768		0.0122	E	1			0.0387			
AGG	2					< 0.00166	U	1			0.0249			
FB200	2					< 0.00848	U	3	0.00594	0.00971	0.0210	0.0259	0.0276	E
FB203	2					< 0.162	U	3	0.0136	0.0169	0.0268	0.0347	0.0374	E
All Snohomish CB Locations	3	0.00197	0.00267	0.00477	0.0160	0.0197	E	6	0.0264	0.0377	0.0661	0.148	0.257	E
All Snohomish RB Locations	4	0.00327	0.00336	0.00345	0.00603	0.00861	E	6	0.00970	0.0230	0.0279	0.0475	0.0587	E
All Snohomish AG Locations	4	0.00203	0.00203	0.00208	0.00512	0.00811	E	2	0.0220		0.0327		0.0434	
All Snohomish FB Locations	4					< 0.155	U	6	0.0101	0.0130	0.0307	0.0358	0.0470	E
All Snohomish Locations	15	0.00516	0.00516	0.00543	0.0162	0.0516	E	20	0.00857	0.0254	0.0306	0.0667	0.202	E
Puyallup Watershed														
CBA	2	0.00206		0.00371		0.00535		3	0.0201	0.0204	0.0212	0.0440	0.0516	
CBB	1					< 0.00863	U	3	0.00931	0.0108	0.0154	0.0264	0.0301	
RB53	2					< 0.0236	U	3	0.00196	0.00222	0.00300	0.00939	0.0115	E
RB209	2					< 0.0314	U	3					< 0.0305	U
AG143	2					< 0.0237	U	1			0.0141			
AG62	2					< 0.0413	U	1			0.0214			
FB130	2					< 0.130	U	3	0.0172	0.0253	0.0493	0.0496	0.0498	
FB372	2					< 0.0351	U	3	0.0108	0.0161	0.0318	0.0358	0.0372	
All Puyallup CB Locations	3	0.00142	0.00198	0.00369	0.0110	0.0135		6	0.0135	0.0166	0.0199	0.0427	0.0436	
All Puyallup RB Locations	4					< 0.0282	U	6	0.00178	0.00241	0.00525	0.0135	0.0142	E
All Puyallup AG Locations	4					< 0.0354	U	2	0.0185		0.0187		0.0189	
All Puyallup FB Locations	4					< 0.0477	U	6	0.0115	0.0125	0.0348	0.0362	0.0394	
All Puyallup Locations	15	0.00160	0.00168	0.00438	0.0160	0.0168	E	20	0.00421	0.0113	0.0155	0.0323	0.0370	
All Monitoring Locations Combined														
All CB Locations	6	0.00152	0.00160	0.00393	0.0152	0.0152	E	12	0.0163	0.0206	0.0270	0.0589	0.179	E
All RB Locations	8	0.00229	0.00235	0.00241	0.0151	0.0241	E	12	0.00388	0.00714	0.0152	0.0299	0.0375	E
All AG Locations	8	0.00187	0.00192	0.00202	0.0131	0.0197	E	4	0.0157	0.0159	0.0210	0.0385	0.0511	
All FB Locations	8					< 0.128	U	12	0.00885	0.0212	0.0313	0.0613	0.0695	E
All Locations	30	0.00354	0.00354	0.00382	0.0354	0.0372	E	40	0.00608	0.0172	0.0241	0.0474	0.161	E

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-401. Absolute and unit area toxic chemical loading estimates for total HpCB for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2	0.00304		0.0187		0.0343	E	3	0.413	0.449	0.559	0.963	1.10	
CBX	1					< 0.00185	U	3	0.0146	0.0150	0.0162	0.102	0.131	
RB111	2					< 0.00339	U	3	0.00377	0.0123	0.0377	0.0761	0.0889	E
RB202	2					< 0.0130	U	3	0.00313	0.00440	0.00822	0.0495	0.0632	E
AG174	2					< 0.00640	U	1					< 0.00580	U
AGG	2					< 0.00166	U	1					< 0.00666	U
FB200	2					< 0.00848	U	3					< 0.0849	U
FB203	2					< 0.0162	U	3					< 0.143	U
All Snohomish CB Locations	3	0.00197	0.00197	0.00197	0.0171	0.0222	E	6	0.0148	0.0163	0.270	0.553	1.09	
All Snohomish RB Locations	4					< 0.00723	U	6	0.00240	0.00461	0.0262	0.0485	0.109	E
All Snohomish AG Locations	4					< 0.00427	U	2					< 0.00651	U
All Snohomish FB Locations	4					< 0.0155	U	6					< 0.145	U
All Snohomish Locations	15	0.00516	0.00516	0.00516	0.00543	0.0581	E	20	0.00294	0.00612	0.0303	0.0826	0.855	E
Puyallup Watershed														
CBA	2	0.00597		0.0276		0.0491		3	0.0787	0.130	0.284	0.530	0.612	
CBB	1			0.000545				3	0.00683	0.0134	0.0332	0.0586	0.0671	
RB53	2					< 0.00236	U	3	0.00121	0.00154	0.00254	0.00928	0.0115	E
RB209	2					< 0.00314	U	3					< 0.0305	U
AG143	2	0.00125		0.00941		0.0176	E	1					< 0.00691	U
AG62	2					< 0.00434	U	1					< 0.0102	U
FB130	2					< 0.0137	U	3					< 0.0985	U
FB372	2					< 0.00351	U	3					< 0.0744	U
All Puyallup CB Locations	3	0.00170	0.00230	0.00411	0.0264	0.0338		6	0.00990	0.0481	0.0812	0.235	0.507	
All Puyallup RB Locations	4					< 0.00282	U	6	0.00149	0.00149	0.00497	0.0135	0.0142	E
All Puyallup AG Locations	4	0.00177	0.00177	0.00182	0.0134	0.0250	E	2					< 0.00901	U
All Puyallup FB Locations	4					< 0.00502	U	6					< 0.0789	U
All Puyallup Locations	15	0.00160	0.00162	0.00168	0.00196	0.0402	E	20	0.00353	0.00353	0.0163	0.0365	0.379	E
All Monitoring Locations Combined														
All CB Locations	6	0.00152	0.00152	0.00329	0.0172	0.0383		12	0.0103	0.0350	0.105	0.336	0.759	
All RB Locations	8					< 0.00506	U	12	0.00154	0.00326	0.0109	0.0303	0.0695	E
All AG Locations	8	0.00187	0.00187	0.00197	0.00202	0.0277	E	4					< 0.00766	U
All FB Locations	8					< 0.0135	U	12					< 0.139	U
All Locations	30	0.00354	0.00354	0.00372	0.00372	0.0889	E	40	0.00234	0.00511	0.0240	0.0528	0.680	E

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-402. Absolute and unit area toxic chemical loading estimates for total HxCB for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2	0.0356		0.133		0.230		3	2.72	3.06	4.05	6.01	6.67	
CBX	1			0.00244				3	0.0685	0.0768	0.102	0.266	0.321	
RB111	2					< 0.00339	U	3	0.00377	0.00819	0.0214	0.139	0.178	
RB202	2					< 0.0130	U	3	0.00313	0.00614	0.0152	0.0360	0.0430	
AG174	2					< 0.00640	U	1					< 0.00580	U
AGG	2	0.000832		0.00234		0.00386	E	1					< 0.00666	U
FB200	2	0.00424		0.00457		0.00491	E	3	0.00424	0.00844	0.0210	0.0371	0.0424	E
FB203	2	0.00812		0.0199		0.0316	E	3					< 0.143	U
All Snohomish CB Locations	3	0.00519	0.00964	0.0230	0.117	0.149		6	0.0692	0.103	1.51	4.01	6.60	
All Snohomish RB Locations	4					< 0.00723	U	6	0.00240	0.00461	0.0189	0.0330	0.217	
All Snohomish AG Locations	4	0.00203	0.00203	0.00208	0.00576	0.00939	E	2					< 0.00651	U
All Snohomish FB Locations	4	0.00775	0.00775	0.00836	0.0196	0.0302	E	6	0.00347	0.00723	0.0358	0.0687	0.0723	E
All Snohomish Locations	15	0.00516	0.00516	0.00543	0.0185	0.389	E	20	0.00294	0.00627	0.0373	0.168	5.19	
Puyallup Watershed														
CBA	2	0.0274		0.0634		0.0994		3	0.208	0.261	0.417	0.973	1.16	
CBB	1			0.00327				3	0.0180	0.0182	0.0189	0.123	0.158	
RB53	2	0.00112		0.00357		0.00602	E	3	0.00254	0.00329	0.00553	0.0100	0.0115	E
RB209	2	0.00157		0.00392		0.00627	E	3					< 0.0305	U
AG143	2	0.0178		0.0319		0.0459		1			0.0102			
AG62	2	0.00217		0.00615		0.0101	E	1					< 0.0102	U
FB130	2	0.00685		0.0182		0.0295	E	3					< 0.0985	U
FB372	2	0.00176		0.00494		0.00813	E	3					< 0.0744	U
All Puyallup CB Locations	3	0.0102	0.0124	0.0189	0.0561	0.0685		6	0.0261	0.0274	0.201	0.346	0.960	
All Puyallup RB Locations	4	0.00134	0.00138	0.00353	0.00642	0.00720	E	6	0.00149	0.00312	0.00682	0.0135	0.0142	E
All Puyallup AG Locations	4	0.00186	0.00527	0.0170	0.0452	0.0652		2	0.00451		0.00891		0.0133	E
All Puyallup FB Locations	4	0.00238	0.00245	0.00665	0.0109	0.0110	E	6					< 0.0789	U
All Puyallup Locations	15	0.00160	0.00170	0.00741	0.0198	0.0813		20	0.00353	0.00892	0.0180	0.0353	0.718	E
All Monitoring Locations Combined														
All CB Locations	6	0.00401	0.0115	0.0196	0.0775	0.115		12	0.0315	0.0600	0.251	1.52	4.61	
All RB Locations	8	0.00229	0.00235	0.00241	0.00608	0.0123	E	12	0.00154	0.00504	0.0149	0.0253	0.139	E
All AG Locations	8	0.00187	0.00192	0.00536	0.0189	0.0724	E	4	0.00347	0.00365	0.00383	0.00757	0.0113	E
All FB Locations	8	0.00641	0.00641	0.00709	0.0270	0.0297	E	12	0.00303	0.00664	0.0311	0.0616	0.0695	E
All Locations	30	0.00354	0.00372	0.00670	0.0190	0.267		40	0.00234	0.00791	0.0272	0.0589	4.13	E

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-403. Absolute and unit area toxic chemical loading estimates for total MoCB for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 0.00609	U	3					< 0.189	U
CBX	1					< 0.00185	U	3					< 0.154	U
RB111	2					< 0.00339	U	3	0.00377	0.00680	0.0159	0.0323	0.0377	E
RB202	2					< 0.0130	U	2					< 0.126	U
AG174	2					< 0.00640	U	1					< 0.00580	U
AGG	2					< 0.00166	U	1					< 0.00666	U
FB200	2					< 0.00848	U	3					< 0.0849	U
FB203	1					< 0.0162	U	3					< 0.143	U
All Snohomish CB Locations	3					< 0.00394	U	6					< 0.187	U
All Snohomish RB Locations	4					< 0.00723	U	5	0.00240	0.00406	0.0194	0.0467	0.0485	E
All Snohomish AG Locations	4					< 0.00427	U	2					< 0.00651	U
All Snohomish FB Locations	3					< 0.0155	U	6					< 0.145	U
All Snohomish Locations	14					< 0.0114	U	19	0.00294	0.00375	0.0297	0.0581	0.0735	E
Puyallup Watershed														
CBA	2					< 0.00391	U	3					< 0.109	U
CBB	1					< 0.000863	U	1			0.0143			
RB53	2					< 0.00236	U	3					< 0.0231	U
RB209	2					< 0.00314	U	3					< 0.0305	U
AG143	2					< 0.00249	U	1					< 0.00691	U
AG62	2					< 0.00434	U	1					< 0.0102	U
FB130	2					< 0.0137	U	3					< 0.0985	U
FB372	2					< 0.00351	U	3					< 0.0744	U
All Puyallup CB Locations	3					< 0.00269	U	4	0.00472	0.0127	0.0227	0.0349	0.0450	E
All Puyallup RB Locations	4					< 0.00282	U	6					< 0.0284	U
All Puyallup AG Locations	4					< 0.00372	U	2					< 0.00901	U
All Puyallup FB Locations	4					< 0.00502	U	6					< 0.0789	U
All Puyallup Locations	15					< 0.00354	U	18	0.00353	0.00353	0.0161	0.0320	0.0370	E
All Monitoring Locations Combined														
All CB Locations	6					< 0.00305	U	10	0.00263	0.00570	0.0267	0.0543	0.0652	E
All RB Locations	8					< 0.00506	U	11	0.00154	0.00326	0.0149	0.0295	0.0310	E
All AG Locations	8					< 0.00413	U	4					< 0.00766	U
All FB Locations	7					< 0.0135	U	12					< 0.139	U
All Locations	29					< 0.00782	U	37	0.00234	0.00511	0.0234	0.0462	0.0584	E

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-404. Absolute and unit area toxic chemical loading estimates for total NoCB for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 0.00609	U	3	0.00864	0.0112	0.0189	0.0754	0.0943	
CBX	1					< 0.00185	U	3	0.0100	0.0171	0.0385	0.0674	0.0770	E
RB111	2					< 0.00339	U	3					< 0.0754	U
RB202	2					< 0.0130	U	3					< 0.126	U
AG174	2					< 0.00640	U	1					< 0.00580	U
AGG	2					< 0.00166	U	1					< 0.00666	U
FB200	2					< 0.00848	U	3					< 0.0849	U
FB203	2					< 0.0162	U	3					< 0.143	U
All Snohomish CB Locations	3					< 0.00394	U	6	0.00856	0.0101	0.0288	0.0778	0.0933	E
All Snohomish RB Locations	4					< 0.00723	U	6					< 0.0970	U
All Snohomish AG Locations	4					< 0.00427	U	2					< 0.00651	U
All Snohomish FB Locations	4					< 0.0155	U	6					< 0.145	U
All Snohomish Locations	15					< 0.0114	U	20	0.00294	0.00612	0.0303	0.0581	0.0735	E
Puyallup Watershed														
CBA	2					< 0.00391	U	3	0.00570	0.00699	0.0109	0.0178	0.0201	
CBB	1					< 0.000863	U	3					< 0.0307	U
RB53	2					< 0.00236	U	3					< 0.0231	U
RB209	2					< 0.00314	U	3					< 0.0305	U
AG143	2					< 0.00249	U	1					< 0.00691	U
AG62	2					< 0.00434	U	1					< 0.0102	U
FB130	2					< 0.0137	U	3					< 0.0985	U
FB372	2					< 0.00351	U	3					< 0.0744	U
All Puyallup CB Locations	3					< 0.00269	U	6	0.00472	0.00472	0.0128	0.0216	0.0223	E
All Puyallup RB Locations	4					< 0.00282	U	6					< 0.0284	U
All Puyallup AG Locations	4					< 0.00372	U	2					< 0.00901	U
All Puyallup FB Locations	4					< 0.00502	U	6					< 0.0789	U
All Puyallup Locations	15					< 0.00354	U	20	0.00353	0.00353	0.0142	0.0166	0.0370	E
All Monitoring Locations Combined														
All CB Locations	6					< 0.00305	U	12	0.00570	0.00652	0.0166	0.0270	0.0652	E
All RB Locations	8					< 0.00506	U	12					< 0.0621	U
All AG Locations	8					< 0.00413	U	4					< 0.00766	U
All FB Locations	8					< 0.0135	U	12					< 0.139	U
All Locations	30					< 0.00782	U	40	0.00234	0.00511	0.0232	0.0365	0.0584	E

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-405. Absolute and unit area toxic chemical loading estimates for total OcCB for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 0.00609	U	3	0.0338	0.0362	0.0432	0.0792	0.0912	
CBX	1					< 0.00185	U	3	0.0385	0.0395	0.0423	0.0683	0.0770	E
RB111	2					< 0.00339	U	3					< 0.0754	U
RB202	2					< 0.0130	U	3					< 0.126	U
AG174	2					< 0.00640	U	1					< 0.00580	U
AGG	2					< 0.00166	U	1					< 0.00666	U
FB200	2					< 0.00848	U	3					< 0.0849	U
FB203	2					< 0.0162	U	3					< 0.143	U
All Snohomish CB Locations	3					< 0.00394	U	6	0.0334	0.0389	0.0428	0.0778	0.0902	
All Snohomish RB Locations	4					< 0.00723	U	6					< 0.0970	U
All Snohomish AG Locations	4					< 0.00427	U	2					< 0.00651	U
All Snohomish FB Locations	4					< 0.0155	U	6					< 0.145	U
All Snohomish Locations	15					< 0.0114	U	20	0.00294	0.00612	0.0306	0.0581	0.0710	E
Puyallup Watershed														
CBA	2	0.00196		0.00540		0.00885	E	3	0.00570	0.0257	0.0858	0.140	0.158	
CBB	1					< 0.000863	U	3	0.00326	0.00629	0.0154	0.0155	0.0155	E
RB53	2					< 0.00236	U	3					< 0.0231	U
RB209	2					< 0.00314	U	3					< 0.0305	U
AG143	2					< 0.00249	U	1					< 0.00691	U
AG62	2					< 0.00434	U	1					< 0.0102	U
FB130	2					< 0.0137	U	3					< 0.0985	U
FB372	2					< 0.00351	U	3					< 0.0744	U
All Puyallup CB Locations	3	0.00135	0.00135	0.00135	0.00491	0.00610	E	6	0.00472	0.00472	0.0224	0.0711	0.131	E
All Puyallup RB Locations	4					< 0.00282	U	6					< 0.0284	U
All Puyallup AG Locations	4					< 0.00372	U	2					< 0.00901	U
All Puyallup FB Locations	4					< 0.00502	U	6					< 0.0789	U
All Puyallup Locations	15	0.00160	0.00160	0.00168	0.00168	0.00724	E	20	0.00353	0.00353	0.0161	0.0328	0.0979	E
All Monitoring Locations Combined														
All CB Locations	6	0.00152	0.00152	0.00152	0.00152	0.00690	E	12	0.00570	0.0251	0.0285	0.0586	0.158	
All RB Locations	8					< 0.00506	U	12					< 0.0621	U
All AG Locations	8					< 0.00413	U	4					< 0.00766	U
All FB Locations	8					< 0.0135	U	12					< 0.139	U
All Locations	30	0.00354	0.00354	0.00354	0.00372	0.0160	E	40	0.00234	0.00511	0.0241	0.0462	0.142	E

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-406. Absolute and unit area toxic chemical loading estimates for total PeCB for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2	0.0800		0.121		0.162		3	4.64	4.66	4.72	9.39	10.9	
CBX	1			0.00624				3	0.0177	0.0331	0.0793	0.276	0.342	
RB111	2					< 0.00339	U	3	0.00377	0.0362	0.133	0.146	0.150	
RB202	2					< 0.0130	U	3	0.00313	0.00677	0.0177	0.0760	0.0954	
AG174	2					< 0.00640	U	1					< 0.00635	U
AGG	2	0.000832		0.00234		0.00386	E	1					< 0.00666	U
FB200	2					< 0.00848	U	3	0.00206	0.00579	0.0170	0.0200	0.0210	E
FB203	2	0.00812		0.0220		0.0359	E	3	0.00362	0.0121	0.0374	0.0439	0.0460	E
All Snohomish CB Locations	3	0.0133	0.0229	0.0518	0.0915	0.105		6	0.0179	0.0801	2.47	4.67	10.8	
All Snohomish RB Locations	4					< 0.00723	U	6	0.00240	0.00461	0.0434	0.163	0.184	
All Snohomish AG Locations	4	0.00203	0.00203	0.00208	0.00576	0.00939	E	2					< 0.00714	U
All Snohomish FB Locations	4	0.00775	0.00775	0.00775	0.0210	0.0343	E	6	0.00347	0.00351	0.0324	0.0358	0.0441	E
All Snohomish Locations	15	0.00516	0.00516	0.00543	0.0236	0.274	E	20	0.00294	0.00643	0.0303	0.219	8.53	
Puyallup Watershed														
CBA	2	0.0251		0.0539		0.0828		3	0.303	0.321	0.375	0.759	0.887	
CBB	1			0.00459				3	0.0757	0.0761	0.0770	0.201	0.242	
RB53	2	0.00112		0.00641		0.0117	E	3	0.00150	0.00767	0.0262	0.0304	0.0318	
RB209	2	0.00157		0.00580		0.0100	E	3	0.00401	0.00511	0.00843	0.0135	0.0152	
AG143	2	0.0281		0.0327		0.0374		1					0.0895	
AG62	2	0.00217		0.00966		0.0171	E	1			0.0622			
FB130	2	0.00685		0.0240		0.0411	E	3	0.0493	0.0494	0.0497	0.0605	0.0641	
FB372	2	0.00176		0.00587		0.00998	E	3	0.0372	0.0389	0.0439	0.0457	0.0463	
All Puyallup CB Locations	3	0.0143	0.0151	0.0173	0.0471	0.0570		6	0.110	0.112	0.281	0.351	0.736	
All Puyallup RB Locations	4	0.00134	0.00138	0.00522	0.0115	0.0140	E	6	0.00185	0.00355	0.0105	0.0322	0.0392	
All Puyallup AG Locations	4	0.00186	0.00828	0.0273	0.0465	0.0531		2	0.0549		0.0858		0.117	
All Puyallup FB Locations	4	0.00238	0.00245	0.00803	0.0143	0.0151	E	6	0.0358	0.0361	0.0430	0.0466	0.0491	
All Puyallup Locations	15	0.00160	0.00170	0.0108	0.0197	0.0677		20	0.00437	0.0338	0.0449	0.0922	0.550	
All Monitoring Locations Combined														
All CB Locations	6	0.0103	0.0162	0.0298	0.0645	0.0810		12	0.0125	0.134	0.339	2.05	7.56	
All RB Locations	8	0.00229	0.00235	0.00241	0.00897	0.0238	E	12	0.00154	0.00590	0.0229	0.0780	0.118	
All AG Locations	8	0.00187	0.00192	0.00536	0.0303	0.0590	E	4	0.00347	0.00383	0.0255	0.0730	0.0993	E
All FB Locations	8	0.00641	0.00641	0.00658	0.0324	0.0405	E	12	0.00303	0.0283	0.0509	0.0759	0.0866	E
All Locations	30	0.00354	0.00354	0.00978	0.0369	0.188	E	40	0.00234	0.0165	0.0579	0.149	6.78	

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-407. Absolute and unit area toxic chemical loading estimates for total TeCB for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2	0.00384		0.00673		0.00961		3	0.928	1.02	1.31	2.29	2.61	
CBX	1			0.00176				3	0.0308	0.0327	0.0385	0.236	0.302	
RB111	2					< 0.136	U	3	0.00377	0.0365	0.135	0.269	0.314	
RB202	2					< 0.513	U	3	0.00313	0.0102	0.0316	0.0743	0.0885	E
AG174	2					< 0.243	U	1					< 0.00580	U
AGG	2	0.00123		0.0146		0.0280	E	1					< 0.00666	U
FB200	2					< 0.326	U	3	0.00206	0.00535	0.0152	0.0196	0.0210	E
FB203	2	0.0179		0.0581		0.0983	E	3	0.00362	0.0121	0.0374	0.0461	0.0490	E
All Snohomish CB Locations	3	0.00249	0.00280	0.00373	0.00560	0.00622		6	0.0311	0.0389	0.612	1.29	2.59	
All Snohomish RB Locations	4					< 0.289	U	6	0.00240	0.00461	0.0461	0.164	0.384	E
All Snohomish AG Locations	4	0.00213	0.00256	0.0356	0.0747	0.0811	E	2					< 0.00651	U
All Snohomish FB Locations	4	0.00775	0.0124	0.0555	0.196	0.298	E	6	0.00347	0.00351	0.0309	0.0358	0.0470	E
All Snohomish Locations	15	0.00516	0.00570	0.0114	0.192	0.228	E	20	0.00294	0.00612	0.0305	0.224	2.04	E
Puyallup Watershed														
CBA	2	0.0302		0.0594		0.0885	E	3	0.0744	0.102	0.184	0.259	0.284	
CBB	1			0.00204				3	0.0168	0.0221	0.0382	0.0389	0.0391	
RB53	2	0.00743		0.0232		0.0390	E	3	0.00507	0.00669	0.0115	0.0141	0.0150	
RB209	2	0.00471		0.0345		0.0643	E	3	0.00168	0.00210	0.00337	0.0123	0.0152	E
AG143	2	0.00524		0.00605		0.00686		1					0.0398	
AG62	2	0.00558		0.0441		0.0826	E	1			0.0175			
FB130	2	0.0103		0.132		0.254	E	3	0.0182	0.0260	0.0493	0.0674	0.0734	
FB372	2	0.00480		0.0329		0.0610	E	3	0.00980	0.0166	0.0372	0.0534	0.0588	
All Puyallup CB Locations	3	0.00638	0.00999	0.0208	0.0509	0.0610		6	0.0243	0.0553	0.0592	0.153	0.236	
All Puyallup RB Locations	4	0.00423	0.00655	0.0277	0.0522	0.0578	E	6	0.00149	0.00298	0.00987	0.0142	0.0185	E
All Puyallup AG Locations	4	0.00478	0.00611	0.00859	0.0403	0.0708		2	0.0154		0.0337		0.0519	
All Puyallup FB Locations	4	0.00376	0.00514	0.0447	0.0878	0.0928	E	6	0.0104	0.0133	0.0376	0.0534	0.0624	
All Puyallup Locations	15	0.00253	0.00556	0.0106	0.0606	0.0724		20	0.00353	0.0136	0.0353	0.0449	0.176	
All Monitoring Locations Combined														
All CB Locations	6	0.00192	0.00289	0.00602	0.0235	0.0690		12	0.0217	0.0481	0.129	0.463	1.81	
All RB Locations	8	0.00229	0.00482	0.0473	0.0969	0.101	E	12	0.00154	0.00489	0.0225	0.0419	0.245	E
All AG Locations	8	0.00197	0.00403	0.00954	0.0688	0.0787	E	4	0.00347	0.00365	0.00849	0.0286	0.0442	E
All FB Locations	8	0.00641	0.0121	0.0476	0.234	0.250	E	12	0.00303	0.0205	0.0313	0.0664	0.110	E
All Locations	30	0.00354	0.00670	0.0186	0.136	0.160	E	40	0.00234	0.0175	0.0389	0.0703	1.62	

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin

Table N-408. Absolute and unit area toxic chemical loading estimates for total TrCB for the Phase 3 study of toxics in surface runoff to Puget Sound.

Unit Area Loading Rates (g/km ² /year)														
Baseflow							Storm Event							
	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag	n	Minimum	25th Percentile	Median	75th Percentile	Maximum	Non-Detect Frequency Flag
Snohomish Watershed														
CB335	2					< 0.00609	U	3	0.00943	0.0183	0.0448	0.0760	0.0864	
CBX	1					< 0.00185	U	3	0.0385	0.0431	0.0570	0.156	0.189	
RB111	2					< 0.00339	U	3	0.00377	0.0113	0.0337	0.0980	0.119	E
RB202	2					< 0.0130	U	3	0.00313	0.0102	0.0316	0.0582	0.0670	E
AG174	2					< 0.00640	U	1					< 0.00580	U
AGG	2					< 0.00166	U	1					< 0.00666	U
FB200	2					< 0.00848	U	3	0.00206	0.00261	0.00424	0.0168	0.0210	E
FB203	2	0.00812		0.0152		0.0222	E	3	0.00362	0.00706	0.0174	0.0324	0.0374	E
All Snohomish CB Locations	3					< 0.00394	U	6	0.00933	0.0389	0.0509	0.0856	0.191	
All Snohomish RB Locations	4					< 0.00723	U	6	0.00240	0.00461	0.0327	0.0514	0.146	E
All Snohomish AG Locations	4					< 0.00427	U	2					< 0.00651	U
All Snohomish FB Locations	4	0.00775	0.00775	0.00775	0.0145	0.0212	E	6	0.00347	0.00351	0.0119	0.0358	0.0358	E
All Snohomish Locations	15	0.00516	0.00516	0.00516	0.00543	0.0141	E	20	0.00294	0.00597	0.0303	0.0487	0.184	E
Puyallup Watershed														
CBA	2	0.00196		0.00386		0.00576	E	3	0.0261	0.0488	0.117	0.127	0.130	
CBB	1					< 0.000863	U	3	0.0512	0.0615	0.0922	0.195	0.230	
RB53	2	0.00112		0.00121		0.00130	E	3	0.00484	0.00645	0.0113	0.0115	0.0115	
RB209	2					< 0.00314	U	3	0.00168	0.00435	0.0123	0.0145	0.0152	E
AG143	2					< 0.00249	U	1			0.0628			
AG62	2					< 0.00434	U	1			0.0986			
FB130	2					< 0.0137	U	3	0.0493	0.0565	0.0783	0.0916	0.0961	
FB372	2					< 0.00351	U	3	0.0352	0.0357	0.0372	0.0737	0.0859	
All Puyallup CB Locations	3	0.00135	0.00135	0.00135	0.00331	0.00397	E	6	0.0216	0.0742	0.102	0.134	0.333	
All Puyallup RB Locations	4	0.00134	0.00138	0.00141	0.00148	0.00155	E	6	0.00149	0.00596	0.0122	0.0139	0.0142	E
All Puyallup AG Locations	4					< 0.00372	U	2	0.0820		0.0845		0.0871	
All Puyallup FB Locations	4					< 0.00502	U	6	0.0358	0.0373	0.0482	0.0699	0.0910	
All Puyallup Locations	15	0.00160	0.00160	0.00168	0.00168	0.00471	E	20	0.00353	0.0325	0.0452	0.0705	0.249	
All Monitoring Locations Combined														
All CB Locations	6	0.00152	0.00152	0.00152	0.00152	0.00449	E	12	0.00652	0.0290	0.0747	0.132	0.402	
All RB Locations	8	0.00229	0.00235	0.00241	0.00247	0.00265	E	12	0.00154	0.00814	0.0251	0.0307	0.0934	E
All AG Locations	8					< 0.00413	U	4	0.00347	0.00365	0.0368	0.0719	0.0741	E
All FB Locations	8	0.00641	0.00641	0.00641	0.00658	0.0175	E	12	0.00303	0.0104	0.0473	0.0850	0.161	E
All Locations	30	0.00354	0.00354	0.00354	0.00372	0.0104	E	40	0.00234	0.0158	0.0438	0.0866	0.360	

g/year = grams per year

n: water quality sample size

Non-detect frequency flag

E: 50 percent or more of the data are non-detect values; reported values are considered estimates with relatively low accuracy.

U: All of the data are non-detect values; reported values were computed based on the maximum reporting limit.

CB: commercial/industrial basin

RB: residential basin

AG: agricultural basin

FB: forest/field/other basin